APPENDX B2

Relevant Guidance for Site History Review

National Environmental Protection (Assessment of Contamination) Measure

National environmental protection measures are framework documents that contain national objectives for the management and protection of the environment. National environmental protection measures are developed and issued by the National Environmental Protection Council (NEPC), which has legislative authority as appointed under the *National Environmental Protection Council Act 1994*. The National Environmental Protection (Assessment of Contamination) Measure (hereafter referred to as 'the NEPM') was produced in 1999 to provide a national approach to the assessment of potentially contaminated sites to ensure effective management by the community and to provide adequate protection of human health and the environment where known contamination has occurred.

On 16 May 2013, the National Environment Protection Council published the National Environmental Protection (Assessment of Site Contamination) Amendment Measure 2013 (No.1) (NEPC 1999).

The amendment to the NEPM includes a revised methodology for derivation of human health and ecological investigation and screening criteria. In addition, the amended NEPM provides interim soil vapour health investigation levels for selected volatile contaminants.

The NEPM provides information on the design and implementation of soil, groundwater and vapour sampling programs and the presentation of site assessment reports. Guidance is also provided on the minimum measures that should be adopted to ensure protection of the environment during site assessment. Site-specific management measures must ensure compliance with environmental management and protection legislation applying in each jurisdiction (NEPC 1999).

The NEPM specifies that site investigation efforts should be purpose driven, adequate in scope and of sufficient quality to meet the purpose of the assessment.

The NEPM indicates that a preliminary site investigation should be sufficient to:

- identify potential sources of contamination and determine potential contaminants of concern
- identify areas of potential contamination
- identify potential human and ecological receptors
- identify potentially affected media (soil, sediment, groundwater, surface water, indoor and ambient air).

The NEPM recommends that a site history should contain, as far as practicable, information from the sources described in Table BB1.

Table BB1: Key Sources of Site History Information

Source Recommended By the NEPM	Information Source Reviewed
Past and current owners and occupiers, operators or workers at the Project Area and adjacent properties and local knowledge of residents	Golder has undertaken a site walk over and collated local knowledge from within Golder, regarding the history and likely environmental condition within the Melbourne Metro alignment. Due to the nature of the project, site owners have not been interviewed regarding historical activities.
Current and historical aerial and ground photographs	Reviewed historical aerial and ground photographs are described in Appendix B4.
Past involvement with government authorities or consultants (environmental audits, notices etc.)	Reviewed historical notices and environmental audit reports are described within Appendix B4.
Trade and street directories	Reviewed directories are described in Appendix B4.
Historical societies and local, state or territory government libraries	Information reviewed, including data held by the Victorian Historical society and State Library is described in Appendix B4.
Historical titles back to original deeds	Limited certificates of title have been reviewed in association with historical environmental assessments. Information on the current property boundary and owners has been collected via access to the land use survey. Much of the Melbourne Metro alignment is within roads, road reserves and on areas of crown land.

Source Recommended By the NEPM	Information Source Reviewed
Local literature, including newspapers	Golder has reviewed literature on the expected environmental conditions within Melbourne and architecture of Melbourne (Alison 2007). Where data gaps have been identified within the Project Area history assessment, Golder has undertaken a review of publically available information through online sources including the East Melbourne Historical Society website (http://emhs.org.au/society/about_east_melbourne_historical_society) and The State Library of Victoria online collection http://www.slv.vic.gov.au/.
Technical literature, including plumbing and building permits/plans, flammable and combustible liquid storage and handling licences	Limited chemical storage information has been reviewed within environmental audit reports (Appendix B4).
Complaint history and information from environmental licences and trade waste permits held by local government or state government departments	Golder has reviewed Licences listed within EPA Interaction Portal (https://portal.epa.vic.gov.au), accessed on 25 August 2015. No licences were listed within the Assessment Area.
Groundwater/drinking water protection zones	GQRUZ sites within the assessment area have been reviewed, Appendix B4.

APPENDIX B3

Data Compilation Methodology

Table B3I: Summary of data considered

Source	Reference	Date of Source	Temporal Variability	Spatial Accuracy	Assumptions	GIS Layer
Planning Schemes						
Planning Scheme	Publicly available from data.vic.gov.au in GIS format.	July 2015	Planning schemes are regularly updated.	-		-
Planning Scheme – Historical	Publicly available from www.land.***vic.gov***.au in GIS format.	1954	Historic data, no updating required.	Historical industrial zones have been digitised from historic planning maps in georeferenced raster format from the land.vic.gov.au. As historical planning maps were hand drawn, the boundaries may not be exact.		Historical Industrial
EPA Records						
EPA Priority Sites Register	List is publicly available from EPA website.	21 July 2015	Periodically updated and published online by EPA.	EPA information has been provided as point data, however EPA sites are generally associated with land parcels. Address data was retrieved from the EPA website and geocoded. Geocoded address have the following limitations: • Addresses may have changed, or no longer exist (such as when subdivision has occurred). • The address listed on the EPA website is not correct or is not sufficiently descriptive	Only priority sites within 500m of the portals and stations have been reviewed for consideration of their potential significance for the site. Only audits with CARMS No. >40 000 were reviewed. Audits with smaller CARMS No.'s were deemed to be of less importance due to the dates at which they would have been completed.	No priority sites within 500m of the proposed portals and stations of the MMRP.
EPA Audits (53X statements/certificates and 53V audits[1])	List is publicly available from EPA website	21 July 2015	Updated approximately monthly by EPA.		Audits within 250m of the portals and stations have been reviewed for consideration of their potential significance for the site. Audits within 100m of the	EPA_53X_Stations_100m EPA_53X_Portals_100m EPA_53X_Stations_250m

Source	Reference	Date of Source	Temporal Variability	Spatial Accuracy	Assumptions	GIS Layer
Planning Schemes						
				to geocoded (e.g. an Audit listed as "Part of Lot 1, TPXXX"). • Geocoded points may be placed on a nearby road, rather than the associated land parcel.	alignment are considered relevant to the MMRP historical review. Audits with CARMS No. >40 000 (audits undertaken post year 2000) were reviewed in detail. Environmental audits undertaken prior to 2000 were deemed to be of less importance due to the typical scope of historic audits (including limited groundwater assessment).	EPA_53X_Portals_250m EPA_53X_500m
EPA Groundwater Quality Restricted Use Zones	List is publicly available from EPA website.	21 July 2015	Updated daily by EPA.		Only Groundwater Quality Restricted Use Zones within 500m of the portals and stations are of significant concern. Only Groundwater Quality Restricted Use Zones within 100m of the alignment are of concern. Only audits with CARMS No. >40 000 were reviewed. Audits with smaller CARMS No.'s were deemed to be of less importance due to the dates at which they would have been completed.	EPA_GQRUZ_MMRP Reference Design_100m EPA_GQRUZ_Stations_500m No GQRUZ's within 500m of the MMRP_Reference Design that do not fall into 500m zone of stations or portals. Viewable in map.
Historical Maps and Records						
Aerial photographs	Publically available from	1945-1998	Historic data, no	-	-	Aerial_Imagery

Source	Reference	Date of Source	Temporal Variability	Spatial Accuracy	Assumptions	GIS Layer
Planning Schemes						
	Government of Victoria		updating required.			
Melbourne Metropolitan Board of Works	Publically available from State Library of Victoria	1894-1896	Historic data, no updating required.	-	-	-
Publically available directories (including yellow pages, Urban Business Directory and Sands and McDougall Directory)	Publically available from historical business directories (State Library of Victoria)	Yellow Pages (1990), Sands & MacDougall (1929, 1935, 1942, 1960) and Urban Business Directories (1975 and 1984)	Historic data, no updating required.	Address data was retrieved from each source, compared against suburbs that currently exist in Victoria and geocoded using ArcGIS. Geocoded address have the following limitations: • Addresses may have changed, or no longer exist (such as when subdivision has occurred). • The address listed in the directory is not correct or is not sufficiently descriptive to geocoded (e.g. listed as "corner of") • Geocoded points may be placed on a nearby road, rather than the associated land parcel.	Potentially contaminating historical industries were obtained over several decades. The oldest records were obtained from the Sands and MacDougall directories with progressively more recent potentially contaminating sources from the Urban Business Directory. Followed by the Yellow Pages which contained potentially contaminating historical industries from the 1990s.	Potential Historic Contaminating Sites
Current Service Station Sites	1. Publically available from major retailers websites	May-August 2014	Data needs to be updated	Data has varying levels of accuracy, however should be		Current_Service_Stations

Source	Reference	Date of Source	Temporal Variability	Spatial Accuracy	Assumptions	GIS Layer
Planning Schemes						
	(Caltex, Mobil (now 7-eleven), Shell, BP 2. Open Street Maps (open source maps) 3. Google Maps		periodically as service stations close and new ones open.	relatively accurate where GPS coordinates have been given by the major retailers. Golder's review has indicated that some retailers may not have a comprehensive list of locations on their website.		
Other Records						
Current Landfills	EPA Limited List of Historical Landfills 1973-1997. A list of historical landfills, both licensed and unlicensed, in Victoria was obtained by Golder from the EPA. The list provides locations for landfills known between 1973 and 1997. This list is not complete and should not be considered comprehensive, but was reviewed to provide additional information for assessment of environmental issues for MMRP Reference Design. Generally, historical landfill waste was uncontrolled and landfills were unlined. The presence of such waste on a site would likely require disposal to a secure landfill. Landfills also have the	August 2015				Landfills

Source	Reference	Date of Source	Temporal Variability	Spatial Accuracy	Assumptions	GIS Layer
Planning Schemes						
	potential to impact nearby sites through migration of contamination via soil &/or groundwater media. These landfill locations were placed in the GIS to assess if they were in the MMRP Reference Design or with the Offsite Assessment Area. None of the locations listed were within 500 metres of the alignment. Nonetheless, this information does not preclude the possibility of other licensed and unlicensed landfills being present.					
Property Boundaries	Boundaries outlining parcels of land.	24 July 2015	Data needs to be updated periodically as parcels of land can get subdivided or merged over time.			CAD_AREA_BDY_PortPhillip CAD_AREA_BDY_Yarra CAD_AREA_BDY_Stonnington CAD_AREA_BDY_Melbourne

APPENDIX B4

Summaries of Data Review

Precinct	Year	The Site – Melbourne Metro Concept Design S.A	Adjacent to Site (i.e. Offsite Assessment Area)
Western Portal	1954	In between General Industrial Use (East), Public Proposed Land Use (North) and Existing Rail land use to the South.	General Industrial East and West of the proposed portal (existing rail land use). Public proposed land use to the North. Existing rail land use to the South.
	2015	There is inferred industrial development in the proposed station outline. Train sidings parallel to the proposed station outline.	Inferred industrial development to the North, East, West and South of the proposed Arden station.
Arden station	1954	Existing Rail land use.	North – General Industrial East – Public Purposes Existing South – Existing Rail land use West – Open Spaces - Public Proposed
	2015	PUZ4 – Public Use Zone – Transport.	Further North - IN1Z – Industrial 1 Zone East - IN1Z – Industrial 1 Zone West – PUZ1 – Public Use Zone – Service And Utility
Parkville station	1954	Public Purposes Existing (West), Cemeteries and Crematoria (East).	North and East – Cemeteries and Crematoria South – mixture between Cemeteries and Crematoria, General Industrial and Public Purposes Existing. West – mixture between Cemeteries and Crematoria with Public Purposes Existing.
	2015	Mixture between Public Use Zone – Health and Community (West) and Mixed Use Zone (East).	North – Public Use Zone – Health and Community East – mixture between Public Use Zone – Health and Community and Mixed Use Zone. South - Public Use Zone – Health and Community West - mixture between Public Use Zone – Health and Community and Mixed Use Zone.
CBD North station	1954	Central Business C Zone covers most of the alignment. Slight coverage of Public Purposes Existing Zone.	North – Public Purposes Existing Zone and Industrial General Zone. East – immediate East – Central Business C Zone, further East – Public Purposes Existing Zone.

Precinct	Year	The Site – Melbourne Metro Concept Design S.A	Adjacent to Site (i.e. Offsite Assessment Area)
			South – Mixture between Central Business C Zone and Public Purposes Existing Zone. West - Central Business C Zone
	2015	station mainly covers Capital City Zone – Schedule 1, slightly overlaying the Public Use Zone – Education and the Mixed Use Zone to the East.	North – mixture between the Capital City Zone – Schedule 1, Comprehensive Development Zone – Schedule 2 and Mixed Use Zone to the NE. East – Comprehensive Development Zone – Schedule 2, Public Use Zone Education and Capital City Zone – Schedule 1. South – Capital City Zone – Schedule 1 West – Capital City Zone – Schedule 1
CBD South station	1954	Proposed station mainly falls into the Central Business A Zone with the southern part of the proposed outline falling into the Existing Rail land use.	North - Central Business A Zone East - Central Business A Zone with Central Business B Zone to the far NE. South – Existing Rail land use West - Central Business A Zone
	2015	Station mainly covers the Capital City Zone – Schedule 1, and slightly falls into the Public Park And Recreation Zone to the East.	North - Capital City Zone – Schedule 1 East – mixture between the Capital City Zone – Schedule 1 and Public Park And Recreation Zone South - Capital City Zone – Schedule 1 West - Capital City Zone – Schedule 1
Domain station	1954	N/NE mixture of Open Space – Public Existing and Special Use Zone. S/SE and West falls into the Residential A Zone and to the NW portion of the station is Open Space – Public Existing Zone.	N/NE mixture of Open Space – Public Existing and Special Use Zone. S/SE and West falls into the Residential A Zone West/NW of the station is Open Space – Public Existing Zone as well as well as Open Space – Public Existing and Special Use Zones.
	2015	Falls within the zones, Public and Recreation Zone, Special Use Zone – Schedule 3, and potentially Commercial 1 Zone (B5Z)	Surrounding zones include; North – Public and Recreation Zone, and Special Use Zone – Schedule 3. East – Commercial 1 Zone, General Residential Zone - Schedule 1.

Precinct	Year	The Site – Melbourne Metro Concept Design S.A	Adjacent to Site (i.e. Offsite Assessment Area)
			South – Commercial 1 Zone and (including B5Z). West – mixture between Public and Recreation Zone and Commercial 1 Zone (B5Z).
Eastern Portal	1954	Mainly falls into the Residential B Zone.	North – Residential B Zone and General Industrial. East – Residential B Zone and Industrial B Zone. South – Residential B Zone and Industrial B Zone. West – Residential B Zone, Local Business Zone and Residential A Zone.
	2015	Mainly falls into the Public Use Zone – Transport with some overlap into the General Residential Use Zone – Schedule 1, Public and Recreation Zone and the General Residential Use Zone – Schedule 12.	North – Public Use Zone Transport, Commercial 1 Zone and General Residential Zone – Schedule 1. East – General Residential Zone – Schedule 1, Commercial 1 Zone and Public Use Zone – Transport. South – Public and Recreation Zone, Public Use Zone – Transport and General Residential Use Zone – Schedule 12 West – Public and Recreation Zone, Commercial 1 Zone and General Residential Use Zone – Schedule 12.

**Please note that the existing rail use planning code from the 1954 Planning Schemes colour does not correspond to the legend for the 1954 planning scheme. From review of aerials around the time of the planning scheme zoning it is inferred that this area is the existing rail use planning code and the discrepancy in colours is due to the colour distortion during scanning of the historic plans.*

References

State Government of Victoria Planning Maps Online – current at 4th November 2015

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit	Depth of Fill	Groundwater Depth	Inferred Groundwater Flow Direction	Groundwater Aquifer Description (optional)	Groundwater Bores (no. of bores)
60148-2	4 Bond Street	Eastern Portal (53X)	South Yarra	18/12/2007	Planning permit		6.5	N-NE	Site is located in an area of a sand and gravel aquifer, underlain by a bedrock aquifer which has been defined as being fractured and weathered, indurated sediments and metasediments.	-
61886-1	Stage 1 60-96 Macaulay Road North Melbourne, VIC, 3051	Arden Station	North Melbourne	7/03/2012	Planning permit condition		6 to 8m mBGL, following bore installation groundwater levels rose to around 5 to 6.5m mBGL.	South (Port Phillip Bay) with some groundwater flowing to the nearest water body (Moonee Ponds Creek). Outside of the gas holder ring, groundwater appears to be flowing in a S/SW direction towards Port Phillip Bay and Moonee Ponds Creek and in line with the expected flow direction.	Groundwater encountered in aquifers interpreted as being the Silurian Bedrock Aquifer (SBA) and the Werribee Formation Aquifer (WFA). Unlikely (given the groundwater elevations) that the Brighton Group Aquifer (BGA) and the Older Volcanics Aquifer (OVA) are saturated aquifers at the site. General hydraulic conductivity properties are as follows; SBA (primary aquifer) - 0.02-1m/day, BGA (unsaturated aquifer on site) - 0.1-2 m/day, OVA (saturated at the interface with the Werribee Formation) - <2-10 m/day, WFA (limited saturation on site) - 3-15 m/day.	22
68498-1	33-35 Arden Street, North Melbourne, VIC, 3051	Parkville Station	North Melbourne	3/06/2013	Planning Permit		8.5 to 11.5 mBGS (approximately -0.266 - 0.969 mAHD), although anomalously high SWLs were recorded (4.3 mBGS and 6.92 mBGS at MB14 and MB13 respectively).	W	Fractured sedimentary rocks (siltstones, sandstones and shales) of the Silurian-aged *Dargile Formation*.	13
60843-1	90-96 Leveson Street and 15-25 Byron Street, North Melbourne, VIC, 3051	Parkville Station	North Melbourne	20/05/2009	Planning Permit		**Perched System** - SWL 4.0 - 5.4m, **Local Weathered/Fractured Siltstone System** - SWL 7.4 - 9.1m	**Perched System -** NE north of on-site well MW1 and SE south of MW1. **Local Weathered/Fractured Siltstone System -** NW (towards Moonee Ponds Creek)	Siltstone	13

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit	Depth of Fill	Groundwater Depth	Inferred Groundwater Flow Direction	Groundwater Aquifer Description (optional)	Groundwater Bores (no. of bores)
64057-7	539-553 Swanston Street, Carlton, VIC, 3053	CBD North Station (53X)	Carlton	22/01/2015	Planning Permit	Depth to the base of the fill at the site varies between 0.1 m and 3.7 m BGL.	Groundwater is encountered at approximately 8 m BGL.	Groundwater flows towards the south-west. Likely point of groundwater discharge is the Yarra River.	Silurian Dargile Formation	5
68727-1	63-75 Coventry Street, Southbank, VIC, 3006	Domain Station	Southbank	24/08/2011	Change of Land Use - Voluntary Audit	1.75m	Ranging between 0.6 - 3.3 m below ground level. Typically 1.5 m below ground level.	N	Two aquifers at site: *Shallow Fill* and *Quaternary (Coode Island Silt)* aquifer	-
71471-1	42 Wilson Street, South Yarra, VIC, 3141	Eastern Portal	South Yarra	24/04/2014	Planning Permit	0.5m	6.5 to 7.0 mbgl.	NNE (towards the Yarra River approximately 1km from the site).	Brighton Group Aquifer (unconfined porous media - main aquifer).	-

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit	Depth of Fill	Groundwater Depth	Inferred Groundwater Flow Direction	Groundwater Aquifer Description (optional)	Groundwater Bores (no. of bores)
64778-1	26-28 Wilson Street, South Yarra, VIC, 3141	Eastern Portal	Within 500m south east of Eastern Portal, South Yarra	28/05/2010	Planning Permit		7.0 m	E-NE	Tertiary Age Red Bluff Sand of the Brighton Group	3
70183-2	25-29 Wilson Street, South Yarra, VIC, 3141	Eastern Portal	South Yarra		Planning Permit	Audit Not Provided by EPA				
48830-2	19-23 Wilson Street, South Yarra, VIC, 3141	Eastern Portal	South Yarra	25/03/2004	Planning Permit					-
66206-1	20-24 Garden Street, South Yarra, VIC, 3141	Eastern Portal	South Yarra	12/09/2011	Environmental Audit Overlay		Approximately 7m	E-NE	Red Bluff Sands of the Tertiary Age Brighton Group	-
61709-1	Surrey Road Depot 67-73 Surrey Road, South Yarra, VIC, 3141	Eastern Portal	South Yarra	16/10/2008	Planning Permit		Average 6m	W-E of site.	Brighton Group Aquifer (BGA)	37

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit	Depth of Fill	Groundwater Depth	Inferred Groundwater Flow Direction	Groundwater Aquifer Description (optional)	Groundwater Bores (no. of bores)
42947- 1 &2	332 - 336 Toorak Road, South Yarra, VIC, 3141	Eastern Portal	South Yarra	21/06/2002	Planning Permit		Regional groundwater aquifer = 5.5 mBGS (clayey sand unit extends from 4 mBGS - 7.5 mBGS.	Regional - NE, Local/Shallow aquifer groundwater flow is highly variable and is assumed to have seeped across all boundaries of the site at different times during the life of the site.	Two aquifers; *shallow* er *perched* aquifer - limited to the fill across the area and is considered to comprise ephemeral water from infiltration through the fill material building up over the less permeable silty clay. *Deeper* aquifer - silty clay layer underlying the shallow aquifer.	9 (shallow aquifer), 12 (deeper aquifer).
70183-3	25-29 Wilson Street, South Yarra, VIC, 3141	Eastern Portal	South Yarra	31/01/2013	Environmental Audit Overlay		Approximately 7.5mBGL	N-NE	Brighton Group Sediments	-
51052-1	28-32 Orr Street, Carlton, VIC, 3053	CBD North (53X)	Carlton	23/12/2002	Planning Permit	0.4-1m	Estimated 10m	Regional - S	-	No groundwater bores on site.
51396-1	6 High Street, North Melbourne, VIC, 3051	Parkville Station (53X)	North Melbourne	4/03/2003	Planning Permit	0.5-1m	At least 3m BGL, 3.4-16.8m BGL.	W - based on topography and proximity to watercourses (Moonee Ponds Creek)	-	-

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit	Depth of Fill	Groundwater Depth	Inferred Groundwater Flow Direction	Groundwater Aquifer Description (optional)	Groundwater Bores (no. of bores)
51161-1	12-24 Tyrone Street, North Melbourne, VIC, 3051	Parkville Station (53X)	North Melbourne	17/06/2003	Planning Permit	0.4-0.7m	7 to 13m BGS - expected based on aquifer data provided for 44 of the 48 registered bores.	SW - regional flow expected to be in this direction.	-	44
52882-1	30-34 Wreckyn Street, North Melbourne, VIC, 3051	Parkville Station (53X)	North Melbourne	4/05/2004	Planning Permit	Up to 2.5m	Registered bores in the vicinity of screens varying from 3 to 21.4m. One bore SWL = 7.5mBGL. Other bores have total depths ranging between 6-10.7m.	E	Silty clay aquifer	-
65094-1	12-14 Claremont Street, South Yarra, VIC, 3141	Eastern Portal (53X)	South Yarra	20/07/2009	Changing Land Use	0.2m	8mBGS	NW	Weathered siltstone/mudstone (Dargile Formation)	3 on-site monitoring wells were installed as part of the groundwater investigation at the audit site.
62084-1	5-7 Yarra Street, South Yarra, VIC, 3141	Eastern Portal (53X)	South Yarra	30/11/2007	Planning Permit Condition	1.5m	Average 6mBGS	SE	Palaeozoic bedrock	3 groundwater bores used in assessment.
69858-1	2-4 Yarra Street, South Yarra, VIC, 3141	Eastern Portal (53X)	South Yarra	4/07/2013	Requirement of Planning Permit	0.7m	Average 8mBGS	Inferred to flow SW	The shallow well (MW01) located in the surficial deposit of Clayey Sand (interpreted to be either remnant residual Tertiary sands that have formed Quaternary fluvial terrace deposits of the Yarra. Deeper wells (MW02-MW04) in the residual sandy clays interpreted to be the underlying weathered Silurian siltstones.	4 sampled

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit	Depth of Fill	Groundwater Depth	Inferred Groundwater Flow Direction	Groundwater Aquifer Description (optional)	Groundwater Bores (no. of bores)
58600-1	9-13 Claremont Street, South Yarra, VIC, 3141	Eastern Portal (53X)	South Yarra	7/08/2006	Planning Permit Condition	Up to 2m	2.3m to 4.8m BGS.	Inferred to be N/NW toward the Yarra River.	Silurian bedrock aquifer	6 sampled.
58669-1	15-19 Claremont Street, South Yarra, VIC, 3141	Eastern Portal (53X)	South Yarra	23/11/2006	Planning Permit Condition	Up to 2m	2.3m to 4.8m BGS.	Inferred NW (toward the Yarra River)	Fill/silty clay and Silurian Bedrock Aquifer	12 sampled
70030-2	10 Claremont Street, South Yarra, VIC, 3141	Eastern Portal (53X)	South Yarra	15/12/2013	Environmental Audit Overlay - Planning Approval Condition	<1m	Average 8mBGS	NW	Weathered siltstone/mudstone (Dargile Formation)	3 sampled bores.

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit	Depth of Fill	Groundwater Depth	Inferred Groundwater Flow Direction	Groundwater Aquifer Description (optional)	Groundwater Bores (no. of bores)
66838-1	34-56 Palermo Street, South Yarra, VIC, 3141	Eastern Portal (53X)	South Yarra	23/07/2010	Planning Permit Condition	0.8m	7.2-7.6m	SW- NE of the site	Brighton Group Aquifer	3 sampled bores.
59753-1	44-46 Garden Street, South Yarra, VIC, 3141	Eastern Portal (53X)	South Yarra	6/09/2006	Planning Permit Condition	Up to 0.75m	Inferred approximately 8mBGL	N (inferred toward Yarra River)		-
54485-1	22-24 Wilson Street, South Yarra, VIC, 3141	Eastern Portal (53X)	South Yarra	16/08/2006	Planning Permit Condition	-	Sand aquifer - 0.6m to 35m; Sandstone aquifer - 5m to 21m; Clay - 5m; Basalt aquifer - 3m to 9.1m; Mudstone aquifer - 0.9m to 13m, Gravel - 3m; Siltstone - 112m and within unknown geology - 5.9m to 6.9m.	W (of site - inferred)	Sandy and Sandstone Aquifer	-
70453-1	5-7 Wilson Street, South Yarra, VIC, 3141	Eastern Portal (53X)	South Yarra	2/08/2013	Environmental Audit Overlay	Average 1.3m	7.5mBGL	E	Brighton Group Aquifer	1
48717-2	Stage 2, Corner Swanston & Pelham Streets (Seasons Apartments) Carlton, VIC, 3053	100m Alignment Zone	Carlton	22/07/2004	Planning Permit Condition	Average approx. 2.1m.	1.7-1.75m BGL	W	Silurian Dargile Formation (upper aquifer)	5

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit	Depth of Fill	Groundwater Depth	Inferred Groundwater Flow Direction	Groundwater Aquifer Description (optional)	Groundwater Bores (no. of bores)
48717-1	Stage 1 Development (Uropa Apartments), 620-640 Swanston Street, Carlton, Victoria, 3053	100m Alignment Zone	Carlton	7/08/2003	Planning Permit	Average of 2.1m BGL.	Depth to groundwater beneath the site is likely to be greater than the depth of footings or foundations associated with any likely development of buildings and foundations associated with any likely development.	SW - Yarra River and/or Port Phillip Bay potential points of discharge	Silurian Dargile Formation (upper aquifer) - unconfined fractured rock aquifer of generally low permeability.	9
41508-1	696-710 Queensberry Street, North Melbourne, Victoria	Arden Station (250m zone)	North Melbourne	18/04/2000	Certificate of Environmental audit had previously been issued however it had been declared invalid by the EPA for administrative reasons.	Up to 1.3m thick on the eastern and north eastern side of the site and 400mm thick on the western side. Concrete paving and all of the fill was removed to allow for the construction of an underground carpark as part of the apartment complex.	No groundwater depth provided in audit.	-	Silurian Dargile Formation (likely based on the geology of the site).	-
30682-1 & 2	215 Arden Street, North Melbourne, Victoria	Arden Station	North Melbourne	10/01/1997 and 28/08/1998	Unknown	Approximately 2.5m	3.5-4m	Local groundwater flow - significantly influenced by the sewer line along Arden Street, which is known to be leaking. Regional groundwater flow - South (towards the Yarra River).	Localised, perched, groundwater is expected to occur in the clays and silty clays of the Coode Island Silt. However, due to the low permeability of the clays and low hydraulic gradients, lateral movement of perched groundwater is expected to be minimal and likely to be primarily influenced by the presence of deep underground services such as sewers and natural waterways.	4

Table B4II Summary of Audit Reports

CARMS No.	Hydraulic Testing (Yes/No)	Geological Boreholes (coring data)	Map of borehole locations (Yes/No)	Historical Use	Identified Contaminants of Interest
60148-2	**No**	-	-	Site was previously occupied by Australian Business Theatre Pty Ltd building with the exception of a narrow concrete paved lane way along western boundary of site. Building underlain by continuous concrete slab. No evidence of underground fuel or chemical storage tanks was observed. Site has been built up with fill but the source has not been identified.	Metals (As, Ba, Cd, Cr (III), Cu, Co, Pb, Mn, Hg, Ni, V and Zn), TPH, MAH and PCBs.
61886-1	**Yes** - slug testing undertaken by EES indicated that the hydraulic conductivity (K) of the Silurian Bedrock Aquifer (SBA) outside the gas holder ring is low to moderate with a range of 0.15 - 0.54 m/day and an average K of 0.27 m/day. SBA (inside gasholder ring) average K of 0.154 m/day and Fill inside gasholder footings average K of 0.143 m/day.	Yes - site geology as being the interface of the Older Volcanics and Coode Island Silts (CIS).	Yes (Figure 2)	To the SE of the stage 2 audit site, the Stage 1 audit area was previously underlain by the western portion of a town gas holder base. Pipework connecting the holder and the Regulator House are believed to remain beneath the Stage 2 site.	PAH, Sb, Cr, V, Pb, Hg, Zn, Ni, As, Mn. Organic and Inorganic chemicals. Potential vapours and odours.
68498-1	No	-	No	Prior to the 1930s - variously a farriers premises and residential housing, 1930s-2001 - Regal Cream products facility (operating as Bulla Cream), 2001 to present - vacant.	TPH, BTEX, Pb and PAHs.
60843-1	**Yes** - Rising head tests conducted on two wells installed within the Local Weathered/Fractures Siltstone System provided an estimated hydraulic conductivity (K) of 1/55 x 10^-5 m/sec. The average hydraulic gradient value of the Local Weathered/Fractured Siltstone System is 0.001m/m.	-	No	From 1885 - 2008 Historic Land Use includes; 1) 15-25 Byron Street - brass founders, residential, boot manufacturing and electroplaters (1906-1948) and electroplaters (1948-1983), more recently unknown car uses and car parking. 2) 90-96 Leveson Street - residential (1885 - 1934), hard water listed (1943), Locksmiths (1974), Investment firm (1978 - 1984) and unknown uses (1984-2003) when Gremon Nominees purchased both sites.	Site investigations to date have indicated levels of hexavalent chromium (CrVI), along with other metals (i.e. Sb, B, Cd, total Cr, Cu, Hg, Mn, Se, Sn, and Zn), cis-1,2 dichloroethene (DCE), cyanide, nitrate and sulphate in groundwater samples above the relevant off-site protected beneficial uses criteria (i.e. 'Maintenance of Ecosystems' and 'Primary Contact Recreation').

Table B4II Summary of Audit Reports

CARMS No.	Hydraulic Testing (Yes/No)	Geological Boreholes (coring data)	Map of borehole locations (Yes/No)	Historical Use	Identified Contaminants of Interest
64057-7	No	Yes - Fill (0.1 m - 3.7 m BGL) - predominantly fine to coarse grained sandy gravels and silty to gravelly sand. Natural soil profile - yellow brown silty clay overlying moderately to highly weathered, pale grey siltstones, which is consistent with the natural soil profile developed on the Dargile Formation.	Yes - in Figures section of report.	Breweries/distilleries since the 1850s. Brewery operations ceased in 1987 and the site was unoccupied until 2013 when construction works commenced at the site. The surrounding land use has been used for commercial (including brewery works) and residential purposes. Also noted in the site history review was that a hops extraction plant, which reportedly used chlorinated solvents in the hops extraction process, was located approximately 10 m north of the site.	Cobalt, copper, manganese, nickel, zinc, TPH (C10-C16), TRH (C16-C34), B(a)P. (Petroleum hydrocarbons in the vicinity of the former engine room in the central portion of the site. Elevated heavy metal and benzo(a)pyrene concentrations were measured in both the fill and natural soil. Remedial works were undertaken to remediate TPH impacted soil from the vicinity of the former engine room and removal of asbestos containing material).
68727-1	**No**	Yes - Fill (0.0 - 1.75mBGL), Coode Island Silt - Quaternary (1.0-3.8mBGL), Fishermans Bend Silt - Quaternary (3.0-5.5mBGL), Brighton Group Tertiary (5.5-8.0mBGL), Melbourne Formation - Silurian Dargile Formation (8.0-20.0+).	Yes - Figure 5	Commercial use. Most significant are: felt milling company, motor mechanic and panel beater, refrigeration company and Channel 7 television studios.	Metals, PAHs, Pesticides, BTEX, TPH and chlorinated solvents.
71471-1	**Yes -** K = 10^-6 to 10^-7 m/s.	**Yes -** (although core logging not found). Fill to a maximum depth of 0.5 mBGL, sandy clay to depth ranging between 3.5 mBGL to 4.5mBGL, and clayey sand (extending to the maximum depth of investigation of 9.0 mBGL.	No	Residential property (1875-1963) before being demolished and redeveloped for commercial use (1963). Site was then vacated (1963) and sold to R. R. Investments (1964). There has been a building on site since 1969 that remains to date. Current building has been used by a number of tenants; a grocer, a taxi truck company, potential use by the adjacent dry cleaners facility for storage of equipment and materials as well as various wholesalers including a textile distributor.	Pesticides, metals, PAHs (including benzene, toluene, ethyl benzene and xylene (BTEX) and TPH), fluoride, asbestos, Pb, polychlorinated biphenyls, TCE, VOCs and semi-VOCs, chlorobenzenes, aniline, amines, amides and phenolics. Nitrogenated and sulfonated compounds. Halogens and carbonates. Phthalates

Table B4II Summary of Audit Reports

CARMS No.	Hydraulic Testing (Yes/No)	Geological Boreholes (coring data)	Map of borehole locations (Yes/No)	Historical Use	Identified Contaminants of Interest
64778-1	**No**	-	Yes - Figure 2 of the Audit report	Residential purposes since 1910. Surrounding land use has also been predominantly residential until 1960 when a gradual change to light industrial and commercial use occurred. A textile company operated at 22-24 Wilson Street, immediately to the west of the site.	Organic and inorganic contaminants (particularly heavy metals and PAHs) in fill that may have been imported to the site. Asbestos potentially contained within the building materials in the buildings formerly located at the site and a range of organic and inorganic contaminants, in particular Pb, TPHs, PAHs and MAHs associated with off-site chemical and/or fuel storage. Adjoining site has been used by a textile company and LNAPL plume has been identified in the groundwater beneath the properties directly to the west and the north-east of the site.
70183-2					
48830-2	**No**	-	Yes - Figure S-2	Residential use (until 1974), Retail store (1974-2002).	Heavy metals, MAHs, TPHs and PAHs from importation of fill material (medium risk). Heavy metals and Pesticides from spraying of weeds (low risk).
66206-1	**Yes** - 0.052 m/day (determined from the rising head tests)	Yes - Appendix 1	Yes - Page 91 of Part A Audit Report	Residential street until 1911. Commercial building occupied entire site by 1970. Metal finishers and motor repairer (1964-1968). UPSS (Underground Petroleum Storage System) identified within the north-east corner, potentially installed by the Metal Finishers and Motor Repairers. Likely that the UPSS was in operation between 1960-1970.	A range of organic and inorganic contaminants; heavy metals in particular Pb, TPHs, PAHs and MAHs LNAPL and asbestos.
61709-1	Yes - hydraulic tests on the monitoring wells were done and the estimated seepage velocity of the aquifer which is in a range between 1.46 and 14.6 m/yr.	-	Yes - Figure 2A and Figure 3	Parts of Operational Council Depot used as garage, wash bay, and dry waste area.	UST-TPHs, MAHs, PAHs, Phenolic compounds, Lead. Fuel Dispensing Pumps - TPHs, MAHs, PAHs, Phenolic Compounds, Lead. General Waste Fill Importation - Metals, TPH, PAH, OC/OP

Table B4II Summary of Audit Reports

CARMS No.	Hydraulic Testing (Yes/No)	Geological Boreholes (coring data)	Map of borehole locations (Yes/No)	Historical Use	Identified Contaminants of Interest
42947- 1 &2	No	-	Yes - Figure 2	The site originally existed as a number of residential properties, however these were redeveloped early on as a service station. Most of the site has been used as a service station for over 70 years. Prahran Main Drain converted from a surface drainage line likely before the development of the site as a service station.	TPH, MAHs in particular BTEX, Pb as well as additional workshop related chemicals such as chlorinated hydrocarbons and metals. PAHs and solid inert waste.
70183-3	No	-	Yes - Figure 1	Residential dwellings (late 1800s - 2006) and some light commercial use (1970s)	Heavy metals, petroleum hydrocarbons, pesticides, phenols, cyanide and asbestos. In groundwater, potential LNAPL.
51052-1	No	-	No	Predominantly residential historic use. Form 1954 site was noted to be a "Wood-workers" business followed by a plumbers business (1964). Most recently the site had a single storey building that sold art supplies to the public.	Petroleum hydrocarbons, metals, PAHs, solvents, phenols, pesticides, chlorinated solvents and asbestos.
51396-1	No	-	No	Prior to 1940, occupied privately, possible industrial use. Manufacture of blinds, storage and supplies of shoe accessories (1940-1974). Other parts of the site were used for tool manufacture apprentices training and offices (1940-1974).	Petroleum hydrocarbons, metals, PAHs, solvents, phenols, Cyanides, Cr, pesticides, chlorinated solvents and other hydrocarbons such as TCE, and asbestos.

Table B4II Summary of Audit Reports

CARMS No.	Hydraulic Testing (Yes/No)	Geological Boreholes (coring data)	Map of borehole locations (Yes/No)	Historical Use	Identified Contaminants of Interest
51161-1	No	-	No	Various individuals owned the site (1876-1950), Victorian Butchers Limited (1950), Axis Engineering Company and Wing Lee Bulk Store (1967), Lapco Pty Ltd Storage took occupation of the Axis Engineering Company portion of the site (1966), Hensell Properties (bowls manufacturers) (1970), finally Machining shop for their bowling ball manufacturing business until recently purchased by Euroquest Corporate. The site was not listed on the priority sites register.	TPH, Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), Solvents including volatile halogenated/chlorinated compounds. Also potentially PAHs and heavy metals.
52882-1	No	-	No	Residential (1878-1913), store yard (until at least 1923), egg carton and container manufacture (from about 1930 to at least 1956), importer's warehouse (1950-1960), blind manufacture and warehouse (1970s to unknown later date), bowls manufacture (unknown start date until closure in the late 1990s or early 2000s).	Some heavy metals/metalloids, in particular Cu, Pb, Hg and (to a lesser extent) As, Cr, Ni, V and Zn as well as PAHs.
65094-1	No	-	No	Site was residential until the 1960s. In 1960s land use changed to commercial/industrial and the site was occupied by Melbourne Electronic Colour Etching Pty Ltd, Deutch F Pty Ltd textiles and other unidentified industries. Buildings were then later converted to a nightclub. The site was cleared in 2007 and has since been used as a car park.	Metals (in particular As), PAH, OCP (and possibly others depending on the source of soil/fill), TPH, acids/alkalis, solvents (including chlorinated hydrocarbons), phenols, ammonia, VOC's.
62084-1	No	-	No	Former yeast factory.	Sodium hydroxide, NaCl, ammonia, mono-ammonium phosphate, sulphuric acid, PAH, TPH, MAH, phenolics, solvents, metals (in particular Pb), OC and OP pesticides.
69858-1	No	-	Yes - Figure 6	Historically, site has been split into three properties, No.2, No.3 and No.4. Properties No.3 and No.4 were used for low density residential land use until the 1970s when No. 3 was demolished and a commercial office building constructed. No. 4 was used for residential purposes until 2004 when the site was cleared, since then it has been used for car parking. No. 2 was used as a hat manufacturing facility from the early 1900s to the early 1970s. Following this, No.2 has been used for office space and as an art gallery.	Metals (including Hg), PAH (including BaP), TRH, Ag, Cr, SO4

Table B4II Summary of Audit Reports

CARMS No.	Hydraulic Testing (Yes/No)	Geological Boreholes (coring data)	Map of borehole locations (Yes/No)	Historical Use	Identified Contaminants of Interest
58600-1	No	-	Yes - Figure 4	Former Yeast manufacturing plant.	Sodium hydroxide, NaCl, ammonia, mono-ammonium phosphate, sulphuric acid, PAH, TPH, MAH, phenolics, solvents, Pb, PCBs, OC and OP pesticides.
58669-1	No	-	Yes - Figure 8	Part of a former industrial yeast factory which occupied the lands to the south and west of the Audit Site. The Audit Site also includes a small area of land formerly occupied by an electrical sub-station located in the south eastern corner of the site.	Sodium hydroxide, NaCl, Ammonia, Mono-ammonium phosphate, sulfuric acid, PAH, TPH, MAH, phenolics, solvents, Pb, PCBs,
70030-2	No	-	Yes - Figure 4 and Figure 5	Residential units	Asbestos, metals/metalloids, petroleum hydrocarbons, other volatile and semi-volatile organic compounds (including PAHs, PCBs, phenols, chlorinated hydrocarbons.

Table B4II Summary of Audit Reports

CARMS No.	Hydraulic Testing (Yes/No)	Geological Boreholes (coring data)	Map of borehole locations (Yes/No)	Historical Use	Identified Contaminants of Interest
66838-1	Yes, estimated- 5x10^-7 and 5x10^-6 m/sec	-	Yes - Figure 3	Parts of Operational Council Depot used as stables area and paint storage.	Solvents, VOC, SVOC, metals (in particular Pb) and heavy metals, TPH, PAH, OC/OP, range of organics, phenolic compounds, petroleum hydrocarbons, refrigerants, antifreeze, MAHs and nutrients.
59753-1	No	-	No	Residential use since approximately 1945.	From the review of the site history information and site inspections, there were no potential contaminants of concern identified on the audit site. However, petroleum hydrocarbons were identified in the groundwater to the west of the site.
54485-1	No	-	No	Used for commercial/light industrial purposes from approximately 1965 onward. Followed by a site shared by mantle manufacturer for kerosene and gas lamps , an electrical contractor and an oil equipment company.	Benzene, Toluene and Xylene (BTX)
70453-1	No	-	No	Residential and light commercial/industrial uses	Herbicides, pesticides, metals (particularly As), Cyanide, TPH, BTEX, PAH, Sulfur and Nitrogen compounds (nitrate), Ammonia, chlorinated hydrocarbons, and phthalates.
48717-2	Yes - 0.022m/day to 0.095m/day with an average of 0.06m/day	-	Yes - Figure 6	Residential use (1914-1974); Caltex Service station, Snack Bar and Pennington HH (1974); Prior to current development in 2002 a Takeaway Food Bar occupied the corner block while the remainder of the site was occupied by a service station.	Hydrocarbons (TPHs and BTEX), oils and possibly solvents, chlorinated solvents, PAHS, phenols, Trace elements (As, Cd, Cr, Co, Cu, Pb, Hg, Mn, Mo, Ni, Se, Sn, Zn), OCPs or OPPs, PCBs.

Table B4II Summary of Audit Reports

CARMS No.	Hydraulic Testing (Yes/No)	Geological Boreholes (coring data)	Map of borehole locations (Yes/No)	Historical Use	Identified Contaminants of Interest
48717-1	Yes - ranged from 0.022m/day to 0.095m/day, with an average of 0.06m/day.	-	Yes - Figure 3	Predominantly residential use during 1914 and 1924, with the exception of a motor body builders on the southern portion of the site. Motor engineers Perrier & Houghton occupied the northern portion of the site in 1934, the remainder of the site remained residential. 1944- Northern portion of the site was occupied by Levin & Co Pty Ltd (disinfectant manufacturer). The southern portion of the site was occupied by Oca Sanitising Company with the remainder of the site being listed as residential use. 1954 - northern part of the site was occupied	Hydrocarbons (TPHs and BTEX), chlorinated solvents, PAHS, phenols, trace elements including - As, Cd, Cr, Co, Cu, Pb, Hg, Mn, Mo, Ni, Se, Sn, Zn, OCPs (organochlorine pesticides) or OPPs (organophosphorus pesticides), and PCBs from imported fill.
41508-1	-	-	-	The site is occupied by a new apartment complex at present, prior to which a motor panel repair workshop (Correct Panel Beating Service Pty Ltd) existed on the site for at least twenty years. Diomides & Associates reported the site to have had a substantial volume of imported fill, underlying a concrete slab.	Pb, PAHs - Benzo (a) pyrene and minor quantities of Zn, Cu and TPHs.
30682-1 & 2	0.015m/m	-	-	Prior to 1932 the site was believed to be a vacant swamp land until 1932, when it was reclaimed by the Victorian Railways (VR). From 1932-1942 site was leased by W.B. Carr Constructions Pty Ltd who passed on the lease to companies that have since been acquired by Boral who have occupied the site since. Around 1995 the site was sold from Victorian Railways to Guntar Graphics Pty Ltd (a private company). Throughout its history the site has been predominantly used as a bitumen emulsion manufacturing storage and distribution centre. Other types of road sprays and covers, involving the use of turpentine, kerosene and diesel, are also known to have been manufactured on the site.	PAHs, MAHs, TPHs, BTEX, phenolic compounds, chlorinated solvents and pesticides.

Table B4II Summary of Audit Reports

CARMS No.	Soil Impact	Waste Classification - for offsite disposal purposes	Groundwater Impact	Groundwater Quality Data (TDS, major ions, contaminants/chemicals of interest, NH4 , NO3)
60148-2	Prior to basement excavation, one out of five samples from the underlying natural material contained levels of arsenic which exceeded NEPM EIL but not HIL criteria and vanadium at concentrations which exceeded the interim NEPM EIL criteria. Four out of five validation samples collected from the natural material, after the removal of the fill material, contained levels of arsenic which exceeded NEPM EIL, but not HIL D criteria. Given that arsenic and vanadium is elevated above the NEPM EIL in the natural material at the site, but not in the fill material, it seems likely that the arsenic at the site is off natural origin and is not associated with the fill.		Not investigated - however site history, soil sampling and review of surrounding audit reports, auditor concluded that there is sufficient evidence to assume that groundwater is not contaminated.	The bedrock aquifer contains groundwater with total dissolved solids in the range of 3500 mg/L to 7000 mg/L and typical yields of less than 10 l/s. Therefore groundwater at the site would be classified as segment C according to the State Environment Protection Policy (1997) *Groundwaters of Victoria*.
61886-1	Soil is potentially contained with PAH (including benzo(a)pyrene), Sb, Cr, V, Pb, Hg, Zn, Ni, As and Mn. There are potentially vapours and odours arising from contaminants in groundwater and soil at depth.		Groundwater at the site is expected to be contained with a range of organic and inorganic chemicals that preclude all beneficial uses of groundwater at the site. There are potentially vapours and odours arising from contaminants in groundwater and soil at depth.	Site specific data for groundwater TDS ranges from 230 - 5140 mg/L with an average of 1238 mg/L and a median on 1175 mg/L. Based on groundwater monitoring results from the Stage 1 site, groundwater is potentially contaminated with TPH, PAHs (naphthalene), ammonia, cyanide, benzene, xylene, ethyl benzene and toluene.
68498-1	Of the 101 on-site soil samples, 24 recorded concentrations of contaminants above the adopted assessment guidelines. With the exception of sample MB16/2.4, all were recorded from samples collected from a depth of less than 0.5 m below the final surface level. The majority of the residual soil samples with contaminant concentrations greater than the adopted assessment criteria were metals (As, Cu, Pb, Ni and Zn), which, with the exception of Pb, are considered to be naturally-occurring concentrations. Eight samples recorded benzo(a)pyrene (and/or total PAHs) concentrations greater than the adopted assessment criteria.	Low-Level Contaminated Waste and Prescribed Waste (raised platform)	Groundwater impact at the site by petroleum hydrocarbons, including LNAPL and elevated concentrations of dissolved petroleum hydrocarbons compounds. Dissolved metals are in elevated concentrations for As, Pb, Cu and Zn.	TDS average value is 1309 mg/L.
60843-1	Assessment results confirmed that the remaining in-situ soil mass across the majority of the site generally contained analyte concentrations below the adopted environmental and health-based screening criteria, excluding elevated concentrations of heavy metals (Ba, B, Cr (IV), Co, Mn, Hg, Ni, V and Zn), fluoride and potentially TPHs (C16 - C35 fraction) which exceeded the adopted environmental and/or health-based criteria at selected locations - refer EAS April 2009 report for full details.		Groundwater at and adjacent to the site is characterised by; elevated concentrations of heavy metals (B, Cu, Mn, Hg, Se and Zn) and selected cations/anions that are representative of background conditions and do not constitute pollution; elevated concentrations of cyanide and 1,2 cis DCE that are considered to be trivial in nature; elevated concentrations of nitrate that are representative of regional pollution associated with off-site source/s (urban sewer systems); and elevated concentrations of total chromium and hexavalent chromium that are attributable to former site activities (i.e. source site).	TDS values reported during rounds 1 to 8 from groundwater collected at and adjacent to the site ranged between 1000 - 3400 mg/L. A number of metals, cis-1,2 DCE, cyanide, nitrate and/or sulphate have reported concentrations in excess of one or a number of criteria adopted for the protection of the relevant beneficial uses in the 'Local Weathered/Fractured Siltstone System'.

Table B4II Summary of Audit Reports

CARMS No.	Soil Impact	Waste Classification - for offsite disposal purposes	Groundwater Impact	Groundwater Quality Data (TDS, major ions, contaminants/chemicals of interest, NH4 , NO3)
64057-7	Residual hydrocarbon contamination remains at the site following remediation following the audit.		Groundwater is polluted at the site with dissolved petroleum hydrocarbons, likely to have been sourced from the historic brick lined well that previously contained LNAPL. Chlorinated hydrocarbon plume was identified migrating on to the site from the former hops plant located on the land to the north of the site. The petroleum hydrocarbon and chlorinated hydrocarbon concentrations would preclude the beneficial uses of agriculture, parks and gardens, stock watering and primary contact recreation. In addition, the groundwater is characterised by naturally elevated heavy metal, chloride, salinity and bicarbonate concentrations.	TDS values between 1,020 mg/L and 6,600 mg/L. Therefore groundwater is conservatively classified as Segment B (1,001 - 3,500 mg/L).
68727-1	In summary, metal contamination was encountered across the site within the fill and Quaternary age silt. Significant PAH, MAH and TPH contamination was identified within the north west portion of the site in the area surrounding UST pits 1 and 2. One soil sample reported concentrations of chlorinated ethenes within a surface fill sample in the south east corner of the site. Across the remainder of the site, soil contamination was generally associated with the fill and included metals and PAH.	**UST Removal** - approx. 200 cubic metres Cat C, 100 cubic metres Cat B, 40 cubic metres Cat A. **Slot Excavations** - approx. 286 tonnes fill material, 83 tonnes Cat C, 364 tonnes Cat A. **North West Grid Excavations** - approx. 401 tonnes Cat C, 1944 tonnes Cat A.	The contaminants observed in groundwater underlying the site during the groundwater contamination assessment included PAH, MAH, chlorinated ethenes and metals.	TDS of 1001 - 3501 mg/L (Department of Conservation and Natural Resources Water Table Aquifers Beneficial Use Map Series for South Western Victoria 1995). TDS values of 450-600 mg/L in shallow fill and TDS values of 1800-5000 mg/L in Coode Island Silt and Fishermans Bend Silt (Quaternary Aquifer).
71471-1	In soil vapour the following contaminants were identified; chlorinated solvents, petroleum hydrocarbons and white spirits and selected chlorobenzenes. In soils, Benzo(a)pyrene (B(a)P) was identified, as well as heavy metals.		In groundwater, contaminants identified were; chlorinated solvents, selected chlorobenzenes, selected heavy metals, and nitrate and ammonia.	Nitrate in groundwater between 33 mg/L and 48 mg/L. Ammonia between <0.1 mg/L to 0.15 mg/L. TDS (from audit sites nearby suggests) ranges from 900 mg/L to 2135 mg/L.

Table B4II Summary of Audit Reports

CARMS No.	Soil Impact	Waste Classification - for offsite disposal purposes	Groundwater Impact	Groundwater Quality Data (TDS, major ions, contaminants/chemicals of interest, NH4 , NO3)
64778-1	Elevated Pb, benzo(a)pyrene, total PAH concentrations were measured in fill samples as well as As and Zn concentrations above EIL criteria. Benzene, xylene and TPH were measured in a sample of natural soil retrieved from approximately 6m below ground level.		Elevated benzene, toluene concentrations were measured in the groundwater sample retrieved from monitoring well MW3 as above Australian Drinking Water criterion. Xylene and Nickel were also above Australian Drinking Water criterion. Copper, Nickel and Zinc concentrations were measured above the criteria for maintenance of ecosystems. Elevated 1,1-dichloroethene was also measured in the groundwater sample retrieved from monitoring well MW3.	
70183-2				
48830-2	Four samples collected from the natural materials at the site contained arsenic concentrations ranging from 32 mg/kg to 140 mg/kg (NEPM-EIL criterion for As = 20 mg/kg), potentially all 12 samples collected from the site for Chromium with concentrations from 12 mg/kg to 140 mg/kg (NEPM-EIL = 1mg/kg), one fill sample for nickel (61 mg/kg, NEPM-EIL = 60 mg/kg). Two samples recorded exceedences from the fill materials at the site for Benzo(a)pyrene (3.2 mg/kg and 2.1 mg/kg) and one sample recorded an exceedence for total PAH with a concentration of 27 mg/kg.		Groundwater at the site is polluted with respect to petroleum hydrocarbons and more specifically benzene, toluene, ethylbenzene, xylene isomers, naphthalene and potentially by acetone, methyl isobutyl ketone (MIBK) and 1,3-dichloropropene.	TDS concentrations were measured at approximately 1800 mg/L.
66206-1	Elevated As (120 mg/kg), Pb (600 mg/kg), benzo(a)pyrene (2.7 mg/kg), PAHs (29 mg/kg), TPH C10-C36 (2160 mg/kg), TPH C16-C36 aromatics (up to 560 mg/kg) in some soil samples (see Audit for specific soil samples).		Elevated heavy metals including B (up to 0.54 mg/L), Cu (up to 0.003 mg/L), Se (0.009 mg/L), Zn (up to 0.064 mg/L), Al (up to 3 mg/L), Fe (up to 1.4 mg/L), As (up to 0.026 mg/L), Pb (0.014 mg/L) and Mn (0.64 mg/L). Elevated benzene, toluene, ethylbenzene and Xylenes (BTEX) and PAH concentrations. In particular, elevated toluene (34 mg/L), ethyl benzene (2 mg/L), Xylenes (10 mg/L), naphthalene (0.24 mg/L) and benzene (12 mg/L). Overall, groundwater monitoring at the site indicates that groundwater is polluted with heavy metals, petroleum hydrocarbons and nitrate	TDS of the groundwater samples retrieved from the groundwater monitoring wells ranged between 570 mg/L to 1200 mg/L. Elevated ammonia (up to 0.2 mg/L).
61709-1	Soil contamination consisting of PAHs, TRHs, MAHs and phenol extends up to depth of 8 metres.	Total of 2690 tonnes of contaminated soil disposed offsite prior to 1 July 2007. A further 307 tonnes of Category B Waste was disposed offsite post 30 June 2007.	Plume in groundwater. MAH, PAH and phenol contamination present in groundwater at and down-gradient of the Lot 1 SE Audit Site.	TDS range from 1100 mg/L to 1700 mg/L.

Table B4II Summary of Audit Reports

CARMS No.	Soil Impact	Waste Classification - for offsite disposal purposes	Groundwater Impact	Groundwater Quality Data (TDS, major ions, contaminants/chemicals of interest, NH4 , NO3)
42947- 1 &2	Off-site soil in the vicinity of the site boundary is polluted with Total Petroleum Hydrocarbons (TPH (C6-C9; >C9)) and Monocyclic Aromatic Hydrocarbons (MAH or BTEX). Land a the site to a depth of 6.8 metres is considered to be contaminated. Land deeper than 6.8 metres is considered to be free from contamination and therefore unlikely to affect the beneficial uses of the site. Fill is considered to be contaminated as well as the natural soils from possible migration of contamination into the natural soils from the potential overlying fill material or direct impact from site activities.		Groundwater is considered to be contaminated from the leaching of chemicals from overlying contaminated fill and/or natural soils. Shallow aquifer - elevated TPH (up to 25.4 mg/L), PAH (0.012 mg/L). Deep aquifer - TCE, PCE , Ni and Zn. TPH (up to 0.5 mg/L), Benzene and Toluene.	TDS at the site inferred from groundwater conductivity measurements to be between 1845 mg/L and 2038 mg/L.
70183-3	Surface fill (now stockpiled) - Hg (up to 4.8 mg/kg) and Zn (up to 260 mg/kg). Natural soils - no staining or other indication of contamination was identified for these soil horizons, with laboratory analysis results showing non-detectable concentrations of petroleum hydrocarbons.	Stockpile SP1 - Category C Contaminated Soil.	Zinc (0.023 mg/L), Benzene (0.008 mg/L), TRH C6-C10 at 0.03 mg/L, LNAPL. Two wells located off-site along the western site boundary showed the following concentrations of dissolved petroleum hydrocarbons - Benzene (13 mg/L), Toluene (45 mg/L), Ethyl benzene (4.7 mg/L), Xylenes (33 mg/L), Naphthalene (0.20 mg/L), TRH C6-C9 (32 mg/L), TRH >C9 (4.2 mg/L)	TDS recorded on site was 1600 mg/L. Regional TDS stated as 1000 mg/L to 3500 mg/L.
51052-1	Fill and natural soil on the site contains the metals As, Ba, Cr, Hg, Pb, Sn, V and Zn above ecological investigations levels, and PAHs as well as Pb above health investigation levels for sensitive use.	Low Level Contaminated Soil	The metals within the fill were found to have low solubility and the concentrations of Pb, Zn and Hg in natural clay beneath the fill were found to be low, suggesting that it is unlikely that there has been any contamination of the deeper soil or groundwater as a result of leaching.	Data on water quality of bores in the area from the State groundwater database indicates that the TDS concentration is likely to be between 1001 and 3500 mg/L.
51396-1	The site is contaminated with fill containing elevated concentrations of Sb, Cr and Sn above ANZECC B limits, As, Ba, Cu, Mn, Hg, V, Zn, and S above NEPM EIL limits and Pb, BaP and Total PAHs above HIL levels for Residential Land use (HIL A). Natural soil is contaminated with Cr above ANZECC B limits and Ba, V and S above NEPM EIL limits.	-	Based on the age of the site as well as the type and density of development in the area, the groundwater is inferred to be contaminated. However, based on the testing results for soil on the site, the site is not a source of groundwater pollution.	TDS in the vicinity of the site is unknown although likely to be greater than 1000 mg/L.

Table B4II Summary of Audit Reports

CARMS No.	Soil Impact	Waste Classification - for offsite disposal purposes	Groundwater Impact	Groundwater Quality Data (TDS, major ions, contaminants/chemicals of interest, NH4 , NO3)
51161-1	Contains elevated concentrations of metals (As and V). However, the site is suitable for standard residential use and thus is considered suitable for the proposed high density residential use provided that the following conditions are met.	-	Groundwater contamination as a result of soil contamination at the site is unlikely because; concentrations of metals were only marginally above EIL criteria, field investigations indicated that the natural soils consist of clayey silts and silty clays which are likely to retard the mobility of contaminants, depth to groundwater is 7 to 13m and no UST are known to be located on the subject site.	TDS was reported to be 804 mg/L.
52882-1	Fill layer contained variable but in some locations moderately elevated concentrations of some heavy metals/metalloids, in particular Cu, Pb, Hg and (to a lesser extent) As, Cr, Ni, V and Zn as well as PAHs.	-	No detectable concentrations of hydrocarbon contamination. Concentrations of some metals/metalloids exceeded guidelines for protected groundwater beneficial uses.	TDS ranging form 1000 mg/L.
65094-1	Elevated concentrations of arsenic (exceeding the adopted ecological investigation level (EIL) and some exceeded NEPM HIL A values). Impacts appears to be widespread throughout the fill and underlying natural materials.	-	Nitrate, sulphate, benzene, 1-2 dichloroethane and trichloroethene.	TDS from on-site wells ranged from 360 mg/L to 3500 mg/L. Average in all wells of 1757 mg/L.
62084-1	The assessor drilled 10 soil bores, of which 8 were grid based and 2 were targeted. 2 locations were found exceeding NEPM EIL, with elevated levels of As and Zn. The remaining analysis showed no other analytes above adopted criteria.	-	Groundwater samples from GW1, GW2, and GW2 over the 2 rounds found elevated levels of, Cu, Pb, Zn, Na, Cl, NO3- and 4-nitrophenol above adopted water quality criteria,.	TDS in the water table aquifer - 660 mg/L to 1600 mg/L. TDS in the deeper bedrock aquifer - average 1098 mg/L. Nitrate in groundwater exceeds ANZECC (2000) criteria at two bores. Elevated nitrate as well as ammonia concentrations reflect contamination at the site by nutrients with higher Total-N in the upper layer.
69858-1	Elevated concentrations of Pb, BaP, total PAH as well as the presence of ash and bituminous material observed in the fill in the north eastern quadrant of the site.	-	Groundwater was impacted by elevated concentrations of nitrate (as N), Cu, Ni and Zn.	TDS concentrations for groundwater sampled from the site during the investigations varied between 240 and 270 mg/L for the perched well, and 400 to 1200 mg/L for the deeper wells. Nitrate (as N) exceeded groundwater quality indicators for beneficial uses (0.77 mg/L).

Table B4II Summary of Audit Reports

CARMS No.	Soil Impact	Waste Classification - for offsite disposal purposes	Groundwater Impact	Groundwater Quality Data (TDS, major ions, contaminants/chemicals of interest, NH4 , NO3)
58600-1	Results from the investigation identified contaminated surface fill with elevated levels of As in the underlying natural soil.	-	Groundwater has Cu, Pb and Ni exceedences as well as Cd and Cr exceedences in terms of ANZECC (2000) criteria.	TDS concentrations for the water table aquifer range between 570 mg/L to 1240 mg/L. In the deeper bedrock aquifer the average TDS concentration is 900 mg/L. Ammonia and nitrate found in deep wells at the site slightly exceed the criteria for potable water supply.
58669-1	Slightly elevated naturally occurring levels of arsenic above NEPM EIL - not considered of concern as it was considered to be associated with natural composition of Silurian mudstone present at the site.	-	Metals; B, Cr, Cu, Zn, Mn and Se, slightly exceeded the relevant guideline values for the protection of aquatic ecosystmes and potable water (Mn). This has been cleaned up but some further groundwater management would need to be done.	TDS concentrations in the water table (shallower) aquifer ranged between 490 mg/L to 1300 mg/L. The deeper bedrock aquifer contained average TDS values of 880 mg/L.
70030-2	Arsenic concentrations (9 mg/kg to 50 mg/kg) marginally exceed the EIL for areas of ecological significance (9 mg/kg to 50 mg/kg) but remain well below the EIL for urban residential and public open space areas of 100 mg/kg. Concentrations of metals/metalloids and other contaminants of interest in the residual natural soils remaining at the site are generally below the adopted soil screening values. The exception is Arsenic.	Historical fill (500m3) was excavated and removed off-site. 35m3 removed as Category C, and the remainder removed as fill material.	Elevated concentrations of Ammonia, As, B, Cu, and Zn. Overall, the metal results are likely to be naturally occurring and do not constitute pollution. The data also suggests that the ammonia impacts are from one or more off-site sources in the area, possibly leaking sewers. Groundwater under the site is therefore considered to be potentially polluted by ammonia.	TDS ranged from 2500 mg/L on the eastern side of the site and approximately 300 mg/L on the western side of the site. The average TDS across all 2 wells in the most recent sampling event was 1800 mg/L. Groundwater under the site is considered to be potentially polluted by groundwater. The ammonia results were elevated in one of three on-site monitoring wells, with results above the adopted criteria for freshwater ecosystem protection, potable water and primary contact recreation.

Table B4II Summary of Audit Reports

CARMS No.	Soil Impact	Waste Classification - for offsite disposal purposes	Groundwater Impact	Groundwater Quality Data (TDS, major ions, contaminants/chemicals of interest, NH4 , NO3)
66838-1	As and Ni in soil exceed NEPM 1999 EIL Criteria	A mixture between Category A and Category C waste (see table 4-4 in audit for specific geology and Location ID of each disposal classification).	Zn is the only contaminant that exceeds the ANZECC 2000 Freshwater Ecosystem Guidelines.	TDS measurements from the groundwater monitoring bores range from 1100 mg/L to 1300 mg/L.
59753-1	Heavy metal and PAH impacted soil in central portion of site present in the residual fill layer.	-	Potential for groundwater contamination from migration of groundwater from nearby sites with previously identified LNAPL.	TDS expected to be between 1001 mg/L and 3500 mg/L.
54485-1	The data obtained during the site assessment indicate that fill and underlying natural soil are low in contamination.	-	No impacts (As, Cd, Cr, Cu, Hg, Ni, Pb, Zn, PAHs, TPHs) above NEPM HIL or EIL levels.	TDS range from 292 mg/L to 7270 mg/L.
70453-1	Slightly elevated V within natural soil at depth.	-	Elevated concentrations of Cu, Ni, Zn, Nitrate, Sulfate, Na, Cl and TDS. Low concentrations of dissolved phase petroleum hydrocarbons and chlorinated hydrocarbons were also reported (albeit below the adopted criteria).	TDS range from the assessment between 550 mg/L to 3800 mg/L.
48717-2	Elevated concentrations of Pb (100000 mg/kg), Cu (160 mg/kg) and Hg (3.0 mg/kg). MAHs, TPHs, 1,2,4-trimethyl benzene (160 mg/kg), Xylenes (73 mg/kg) and Benzene (0.9 mg/kg).	100 cubic metres of contaminated soil. Majority of waste soil would be classified as either Fill Material or Low Level Contaminated Soil (approx. 900 cubic metres).	TPHs, benzene, ethylbenzene and xylene.	TDS range from 830 - 2200 mg/L

Table B4II Summary of Audit Reports

CARMS No.	Soil Impact	Waste Classification - for offsite disposal purposes	Groundwater Impact	Groundwater Quality Data (TDS, major ions, contaminants/chemicals of interest, NH4 , NO3)
48717-1	Soil is contaminated with arsenic, chromium, mercury, nickel and TPH (>C9).	The majority of the fill at the site would be classified as Low Level Contaminated Soil, with hotspots that would be classified as Contaminated Soil (i.e. Prescribed Waste).	Based on the results of modelling predictions, it was concluded that under the infiltration regime predicted for the site, the risk to the beneficial uses of groundwater from the residual BTEX, Cr(III), and As contamination remaining in soil is considered negligible. Following two groundwater monitoring rounds the results indicated that the groundwater chemistry had stabilised, and hence no further rounds of monitoring were conducted.	TDS range from 900 mg/L to 2800 mg/L with an average of 1 463mg/L. However, it is considered that the lower end of this range is likely to be influenced by fresh water recharge and is not likely to be representative of regional aquifer conditions.
41508-1	Soil investigation indicated that the fill material beneath the site was contaminated with Pb, PAHs (BaP), Zn, Cu and TPHs.	Fill was disposed of at an appropriate EPA licensed landfill as prescribed waste in the low level contaminated soil category. Records of this were not provided to the Auditor, as well as also being advised that additional clean soil was removed to achieve the basement level.	Groundwater is an unlikely to be contaminated.	Information not available.
30682-1 & 2	Laboratory results indicated that some of the soils at the site contained concentrations of metals and hydrocarbons at levels exceeding the ANZECC Guidelines. Entire fill layer on the site is contaminated by petroleum hydrocarbons and bitumen derivatives. In some areas contamination extends into the underlying natural soil but does not appear to extend beneath the zone of saturation. Contaminants of concern from the 1998 audit include - PAHs, TPH, Xylene, Chromium and Mercury in residual soils on the eastern boundary.	Prescribed waste category	Groundwater at the site occurring within the Coode Island Silt was impacted by PAH, TPH and Isopropyl Benzene.	800 to 2850 mg/L

Table B4II Summary of Audit Reports

CARMS No.	GQRUZ	Soil Management Conditions	Groundwater Management Conditions	Segment/Beneficial Use Segment	Issue
60148-2	No	A very small volume of soil around the boundary of the site, has been removed, and the underlying natural material reflects natural levels of inorganic compounds. However metal levels in the soil may impact on maximum crop yields, should the site be redeveloped for commercial usage.		Segment C	Statement
61886-1	Yes		Requiring installation and maintenance of a groundwater bore network sufficient to characterise groundwater quality downgradient of the gas holder and to allow reassessment of the practicability of groundwater cleanup as required.	Segment A1	Statement
68498-1	Yes	The site is suitable for the beneficial uses of soil for the above-mentioned land uses provided the site has a physical barrier preventing ready access to soil. This would be achieved by being covered by a combination of building footprint and impervious paving.	Groundwater at the site is not suitable for extraction for any extractive beneficial use (i.e. groundwater at the site is not suitable for Agriculture, Parks and Gardens, Stock Watering, Primary Contact Recreation nor Industrial Water Use). This is due to the presence (albeit minimal) of **immobile light-non-aqueous phase liquid**. Groundwater may be extracted for the purposes of groundwater assessment, although no ongoing monitoring is considered necessary as part of the CUTEP determination.	Segment B	Statement
60843-1	Yes	Appropriate management measures to be implemented are to monitor any changes to the current contamination status. Any remnant heavy metals, fluoride and TPH impacts within the on-site soils would need to be remediated to meet appropriate guideline values and removed from Site in order to issue a Certificate of Environmental Audit.	In order to complete the Statutory Environmental Audit, a Groundwater Quality Management Plan (GQMP) is required to be developed and implemented prior to the cessation of groundwater monitoring at the Site. Appropriate management measures to be implemented are to monitor any changes to the current contamination status and to prevent groundwater being extracted for any beneficial use, both at and in the immediate vicinity of the Site.	Segments A2 & B	Statement

Table B4II Summary of Audit Reports

CARMS No.	GQRUZ	Soil Management Conditions	Groundwater Management Conditions	Segment/Beneficial Use Segment	Issue
64057-7	Yes	The site must be managed in accordance with the Environmental Management Plan (EMP). The EMP contains information relating to the safe management of the soil vapour and associated Soil Vapour Mitigation System (SVMS) at the site should the structural concrete slab and/or SVMS be breached for site maintenance or redevelopment activities. Following remedial works in January 2013, remediation of TPH impacted soil from the vicinity of the former engine room and removal of asbestos containing material was undertaken. An underground petroleum storage system was also identified at the site which was subsequently remediated. Following the completion of the specific remedial works the majority of the western portion of the site was excavated for a basement. LNAPL was also identified and extracted during remedial works when two historic brick lined wells were identified.	The Groundwater Quality Management Plan (GQMP) included in the EMP must be implemented. The GQMP is for the maintenance and accessibility to two on-site groundwater monitoring wells for the purpose of groundwater monitoring associated with an off-site groundwater plume.	Segment B	Statement
68727-1	Yes	The whole site is to be covered by buildings or pavements. All buildings are to be constructed with a slab floor at existing grade (approximately RL 2.4 m AHD) or higher. No basements are to be incorporated into the building.	Groundwater at the site is polluted and must not be extracted for the (existing and potential) beneficial uses of potable water supply; agriculture, parks and gardens; stock watering; industrial water use; or primary contact recreation. ; From the date of issue of this Statement of Environmental Audit, the Groundwater Quality Management Plan (GQMP) must be implemented and maintained. Changes to the GQMP may only be made with the written acceptance of an Environmental Auditor. ; Cessation of the groundwater monitoring and management prescribed by the GQMP may only be achieved via the completion of an s 53V Environmental Audit.	Segment B	Statement
71471-1	Yes	Any fill or soil imported to the site must be chemically tested fill or soil that classifies as "Fill Material" in accordance with relevant EPA guidelines.	Groundwater at the site is polluted and must not be extracted for the (existing and potential) beneficial uses of potable water supply; agriculture, parks and gardens; stock watering; industrial water use; or primary contact recreation.	Segment B	Statement

Table B4II Summary of Audit Reports

CARMS No.	GQRUZ	Soil Management Conditions	Groundwater Management Conditions	Segment/Beneficial Use Segment	Issue
64778-1	Yes	The site is suitable for the proposed high density residential and commercial use provided that the soil vapour mitigation system is installed.	The site could present a potential risk to human health for residential - single dwelling and medium density residential land uses, due to the potential for a vapour risk from contaminated groundwater migrating beneath the site from an off-site source. However, the site is considered suitable for the proposed high density residential and commercial land uses subject to conditions. The site would also be suitable for an industrial land use.	Segment B	Statement
70183-2					
48830-2	Yes	The site is suitable for beneficial uses associated with: high density sensitive (residential) use; commercial use; and industrial use as may be allowed under designated use zonings provided for by the Stonnington City Council Planning Scheme.	Groundwater shall not be abstracted (withdrawn) from the site for uses other than clean up or monitoring. A groundwater management plan attached to the Statement of Environmental Audit shall be implemented.	Segment B	Statement
66206-1	Yes	Stockpiled material was catergorised as Fill Material criteria for offsite disposal.	The groundwater should not be used for the beneficial use of potable water supply (acceptable) agriculture parks and gardens, stock watering, industrial water use and primary contact recreation or for uses otherwise precluded by groundwater salinity. Groundwater may only be abstracted for groundwater monitoring or clean up.	Segment A2	Statement
61709-1	Yes	A total of approximately 460 cubic meters, in-situ of impacted soil removed during Stage 2 works in February 2008. The material classified as Category A waste (due to elevated PAHs) was stockpiled on Lot 2 of the Depot for treatment. The stockpiled soils undergoing a bioremediation batch trial on Lot 2. Based on the trial results, the remainder of the stockpiled soils will be treated and re-used on the adjacent park development. If the bioremediation does not achieve the required results, soils will be classified and disposed off-site to a landfill licensed to accept the waste.	A groundwater quality management plan (GQMP) is to be prepared and implemented by the site owner or occupier for the purpose of satisfying EPA's requirements. No groundwater may be extracted at this site for any purpose other than for remediation or limited industrial purposes. The comparison of in-situ remediation technologies, considered applicable through consideration of technical aspects, suggests that an extraction system, with above ground treatment, is considered likely to be the most practicable option for management of the dissolved phase groundwater at the Lot 1 SE Audit Site.	Segment B	Statement

Table B4II Summary of Audit Reports

CARMS No.	GQRUZ	Soil Management Conditions	Groundwater Management Conditions	Segment/Beneficial Use Segment	Issue
42947- 1 &2	Yes	Off-site soil in the vicinity of the site boundary is polluted with Total Petroleum Hydrocarbons and Monocyclic Aromatic Hydrocarbons.	Groundwater must not be abstracted from the site for uses other than clean-up or monitoring. A groundwater management plan must be prepared to the satisfaction of an EPA appointed Environmental Auditor (Contaminated Land) that provides for the management and monitoring of groundwater. This plan must be in operation within 60 days of the date of this Statement of Environmental Audit.	Segment B	Statement
70183-3	Yes	Stockpile SP1 - Category C Contaminated Soil. Stockpile SP2 - Fill Material (clean fill) with inert waste. Natural soils - Fill material (clean fill).	Groundwater quality is polluted and is unsuitable for the following extractive beneficial uses protected under SEPP Groundwaters of Victoria, Segment B namely.	Segment B	Statement
51052-1	No	Concentrations of contaminants in fill and natural soil are well below HIL A and therefore on average does not present an unacceptable risk to human health for Sensitive use at High density including high density residential land.	The leachability testing undertaken by both MGT and WSL demonstrates that there is little risk of the low levels of metal contamination leaching to the water table. As the Melbourne area was developed very early and the site is within down gradient of historical industrial areas, it is likely that there is some level of contamination in the groundwater. Nevertheless, it will not be possible to access groundwater from the site, and there are no groundwater bores for any use other than investigation within two kilometres of the site.	Segment B - assumed based on state government groundwater database TDS measurements.	Statement
51396-1	No	Cover the entire site with concrete or other impermeable material and the use of PPE during excavation of fill during the installation of under slab services.	If groundwater pollution is found in future and remediation is required there is no reason to conclude that beneficial use of this site would be detrimentally affected by such remediation. Therefore there is no reason arising from the possible groundwater contamination present to not issue a Certificate or Statement of Environmental Audit for the site. There is also no reason to include any conditions related to Groundwater on any Statement of Environmental Audit issued.	Segment B	Statement

Table B4II Summary of Audit Reports

CARMS No.	GQRUZ	Soil Management Conditions	Groundwater Management Conditions	Segment/Beneficial Use Segment	Issue
51161-1	No	-	-	Segment A2	Statement
52882-1	No	The auditor is of the opinion that the aesthetic values and human health are not at significant risk, and ecological values are of limited relevance under high density residential use. The beneficial uses of land and groundwater under the proposed high density use will be adequately protected without further investigation, risk assessment or remediation. In the event that landscaped areas may be included, any potentially contaminated fill should be removed from those areas.	The auditor is of the opinion that the aesthetic values and human health are not at significant risk, and ecological values are of limited relevance under high density residential use. The beneficial uses of land and groundwater under the proposed high density use will be adequately protected without further investigation, risk assessment or remediation.	Segment A2	Statement
65094-1	No	Soil conditions are not considered acceptable for residential land use involving direct exposure to soils (e.g.. In garden and lawn areas). The soils are however considered acceptable for a high density residential use with limited opportunity for access to the affected soils, commercial land use or industrial type land uses. The soils can be managed in the context of the proposed commercial/high density residential development.	Groundwater pollution under the site precludes groundwater use for potable purposes, for use as agriculture, parks and gardens, as well as groundwater for stock watering and for primary contact recreation.	Segment A2	Statement
62084-1	No	Given the contamination identified, the excavation of the site for construction purposes removed the soil profile that would otherwise support a terrestrial (highly modified) ecosystem. Therefore establishment of such ecosystems would require provision of artificial soil beds in plant boxes (or equivalent) if such plantations are required at the site.	-	Segment B	Statement
69858-1	No	Soil should be covered with the proposed development, a minimum of 0.5m of clean fill, or by concrete pavement and compliance is required with the soil management plan (SMP).	-	Segment A2	Statement

Table B4II Summary of Audit Reports

CARMS No.	GQRUZ	Soil Management Conditions	Groundwater Management Conditions	Segment/Beneficial Use Segment	Issue
58600-1	No	Remedial works at the site occurred in two stages, involving the excavation and removal of the soils to a depth of 10m to construct the basement carpark. The site was excavated and fill material and natural soils disposed offsite. The excavation of the site into natural rock, thus removing the soil profile, has rendered the site unsuitable for growing vegetation. Any plantation proposal for the site would be in artificial boxes or equivalent. The land use "Parks and Reserves" is intended for sites where natural underlaying terrestrial ecosystems can be sustained, which is not the case at this site as developed.	Groundwater is contaminated with low levels of nitrogen making it unsuitable for potable uses. Consequently, no groundwater shall be extracted for use at this site.	Segment A	Statement
58669-1	No	Excavation of the site into natural rock, thus removing the soil profile, has rendered the site unsuitable for growing vegetation. Any plantation proposal for the site would be in artificial boxes or equivalent. The land use "Parks and Reserves" is intended for sites where natural underlaying terrestrial ecosystems can be sustained, which is not the case at this site as developed. Excavation and removal of the soils to a depth of 8m to construct the basement carpark.	Contaminated with low levels of Mn making it unsuitable for potable uses. Consequently, no groundwater shall be extracted for use at this site.	Segment A2	Statement
70030-2	No	A suitable soil profile and growth medium would need to be provided at the site to sustain terrestrial ecosystems and vegetation growth for parks and reserves, and agricultural use.	Groundwater at the site is not polluted with respect to the following extractive beneficial uses protected in the groundwater segment - agriculture, parks and gardens, and stock-watering. Care should always be exercised in extracting and using untreated groundwater. In the event groundwater at the site was to be extracted for any reason in the future, it should first be tested to ensure it is suitable for the intended use.	Segment A2	Statement

Table B4II Summary of Audit Reports

CARMS No.	GQRUZ	Soil Management Conditions	Groundwater Management Conditions	Segment/Beneficial Use Segment	Issue
66838-1	Yes (inferred from GQRUZ from audit 61709-1)	A Site Environmental Management Plan (SEMP) shall be prepared and implemented for the management of contaminated soil at the site. The SEMP shall minimise exposure (construction workers, residents and maintenance workers) to contaminants in the soil.	Groundwater shall not be extracted at this site for extractive beneficial use Primary Contact Recreation. All groundwater monitoring bores remaining on site should be decommissioned in accordance with the requirements of the Water Act 1989, following the completion of the Environmental Audit for the adjacent Stage 1 & 2 Development Site.	Segment B	Statement
59753-1	Yes (inferred from GQRUZ from audit 70183-2)	Remediation of contamination was not expected to be necessary for the proposed development of residential use with minimal opportunities for soil access. Contaminated soil in the central portion of the site was excavated during the remedial works performed by BWC.	Abstraction of groundwater may only take place for the purpose of groundwater monitoring.	Segment B - inferred	Statement
54485-1	No	Data obtained during assessment of site assessment indicate the fill and underlying natural soil have low contamination.	Groundwater at the site may only be abstracted (withdrawn) for the purpose of groundwater monitoring. In addition, the groundwater monitoring well (GW1) at the site should be preserved and maintained in accordance with the EMP.	Segment B - inferred	Statement
70453-1	No	The site must be developed in accordance with the development plans for the proposed high-density residential land commercial and use, with no access to underlying soils permitted.	Local groundwater is polluted (from an off-site source/s) with non-aqueous phase petroleum hydrocarbons and associated dissolved phase hydrocarbons. Groundwater extraction at the site should be avoided to prevent the potential migration of contamination from off-site to underneath the site, given non-aqueous phase petroleum hydrocarbons are likely to present in local groundwater hydraulic down-gradient of the site.	Segment A2	Statement
48717-2	Yes	Extensive soil remediation works have been undertaken at the site to remove underground storage tanks and the majority of associated soil contamination.	The groundwater at the site falls into Segment B of the groundwater environment. An analysis of the groundwater test results concluded that a number of the beneficial uses of groundwater are precluded by pollution. The groundwater beneficial uses that may be affected by the exceedance of contaminants. Groundwater at the site should not be extracted for any use other than for clean up or monitoring.	Segment B	Statement

Table B4II Summary of Audit Reports

CARMS No.	GQRUZ	Soil Management Conditions	Groundwater Management Conditions	Segment/Beneficial Use Segment	Issue
48717-1	No	Excavation and off-site disposal of a total of 26 890 tonnes of Clean Fill Material, 5 379.51 tonnes of Low Level Contaminated Soil (LLCS) and 433.22 tonnes of Contaminated Soil (CS). Soil was disposed of in accordance with EPA guidelines.	Groundwater chemistry has stabilised therefore no further rounds of monitoring were recommended.	Segment B	Statement
41508-1	No	Removal of fill as it was contaminated with Pb, PAHs (BaP), Zn, Cu and TPHs.	-		Statement
30682-1 & 2	No	30682-1 - The UST pit and general remediation validation works were conducted such that contaminant concentrations in soils remaining on site were in accordance within the LLCS guideline values. The remediation undertaken by GHD has removed all those areas where odours were strong at shallow depth, over 40% of the site is exhibiting strong odours in the mid depth range and about 30% of those at depth. 30682-2 - soil clean-up requirements for the site include; 1. removal of all storage tanks associated with pipe work. 2. Removal of material abutting the tank and above water table exhibiting obvious water displaceable or flowing hydrocarbon contamination (PAH or MAH). 3. Removal of all surface sealing and foundations presently on-site. 4. Excavation and removal of the upper 0.25 metres of fill from the site, depending on the results of validation sampling following excavation.	Groundwater unsuitable for drinking purposes.	-	Statement

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit
17288-1	106-112 Southbank Road	500m of Alignment Zone	South Melbourne	15/12/1992	Audit not reviewed, due to age of assessment.
17579-2	120-150 STURT Street	500m of Alignment Zone	South Melbourne	5/07/1993	Audit not reviewed, due to age of assessment.
18083-1A	River Street	500m of Eastern Portal	South Yarra	10/12/1993	Audit not reviewed, due to age of assessment.
18083-1B	Cnr River St & Hecla Place	500m of Alignment Zone	South Yarra	15/06/1994	Audit not reviewed, due to age of assessment.
18083-2	Como Property Warehouse 79-101 River Street	500m of Alignment Zone	South Yarra	12/01/1995	Audit not reviewed, due to age of assessment.
18334-1	63 Coventry Street	500m of Domain Station	South Melbourne	13/07/1993	Audit not reviewed, due to age of assessment.
20889-1	52-58 Leicester Street	500m CBD North	Carlton	10/12/1993	Audit not reviewed, due to age of assessment.
21036-1	77-81 Coventry Street	Domain Station (<500m)	South Melbourne	21/12/1993	Audit not reviewed, due to age of assessment.
22025-1	Wells Street	Domain Station (<500m)	South Melbourne	21/10/1992	Audit not reviewed, due to age of assessment.
22055-1	189-209 Sturt Street	Alignment Zone (<500m)	South Melbourne	19/10/1992	Audit not reviewed, due to age of assessment.
22060-1	75 Drummond Street	CBD North (<500m)	Carlton	8/09/1992	Audit not reviewed, due to age of assessment.
22061-1	36 Drummond Street	CBD North (<500m)	Carlton	14/09/1992	Audit not reviewed, due to age of assessment.
22961-1	228 Queensbury Street	CBD North (<500m)	Carlton	2/11/1994	Audit not reviewed, due to age of assessment.
23507-1	Prince Henry's Hospital Site	Domain Station (<500m)	South Melbourne	20/10/1997	Audit not reviewed, due to age of assessment.
25664-1	The Keep Dodds Street	Alignment Zone (<500m)	South Melbourne	13/09/1995	Audit not reviewed, due to age of assessment.
25857-1	Dodds Street	Alignment Zone (<500m)	South Melbourne	1/05/1995	Audit not reviewed, due to age of assessment.
26268-1	20-38 Chambers Street	Eastern Portal (>500m)	South Yarra	19/05/1995	Audit not reviewed, due to age of assessment.
26996-1	Wells Street	Domain Station (<500m)	South Melbourne	24/08/1995	Audit not reviewed, due to age of assessment.
27118-1	230-244 Abbotsford Street	Arden Station (<500m)	North Melbourne	14/08/1995	Audit not reviewed, due to age of assessment.
28578-1	1-11 Bedford Street	Parkville Station (500m)	North Melbourne	4/03/1996	Audit not reviewed, due to age of assessment.
29613-1	125 Chetwynd Street	Parkville Station (500m)	North Melbourne	18/04/1997	Audit not reviewed, due to age of assessment.
29805-1	88 Park Street	Domain Station (<500m)	South Melbourne	12/12/1996	Audit not reviewed, due to age of assessment.

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit
30682-1	215 Arden Street	Arden Station (<500m)	North Melbourne	13/01/1997	Audit not reviewed, due to age of assessment.
30682-2	215 Arden Street	Arden Station (<500m)	North Melbourne	26/08/1998	Audit not reviewed, due to age of assessment.
31965-1	Olympic Park Melbourne CityLink Project Sturt Street	Alignment Zone (<500m)	Melbourne	15/12/1999	Audit not reviewed, due to age of assessment.
32480-1	21-27 Park Street	Domain Station (<500m)	South Melbourne	14/05/1998	Audit not reviewed, due to age of assessment.
32990-1	Cnr Grant St & St Kilda Road	Alignment Zone (<500m)	South Melbourne	25/02/2002	Audit not reviewed, due to age of assessment.
33298-4	Melbourne CityLink Project Tullamarine Freeway	Arden Station (<500m)	West Melbourne	9/03/1999	Audit not reviewed, due to age of assessment.
33298-6	Melbourne CityLink Project Tullamarine Freeway	Arden Station (<500m)	West Melbourne	22/03/1999	Audit not reviewed, due to age of assessment.
33462-1	173-175 Chetwynd Street	500m Parkville Station	North Melbourne	18/03/1998	Audit not reviewed, due to age of assessment.
37743-1	Hoffmans Site Dynan Road	500m of Western Portal	Flemington	19/03/1999	Audit not reviewed, due to age of assessment.
37768-1	45 LEVESON Street	Alignment Zone (<500m)	North Melbourne	18/10/2000	Audit not reviewed, due to age of assessment.
38085-2	651 CHAPEL Street	Eastern Portal (>500m)	South Yarra	19/12/2000	Audit not reviewed, due to age of assessment.
38088-1	16 LOTHIAN Street	Arden Station (<500m)	North Melbourne	11/10/1999	Audit not reviewed, due to age of assessment.
38721-1	102-104 CARDIGAN Street	CBD North (500m)	Carlton	16/11/1999	Audit not reviewed, due to age of assessment.
38787-2	Parkside Apartments 2-30 Banks Street	Domain Station (<500m)	South Melbourne	10/11/2000	Audit not reviewed, due to age of assessment.
38787-3	Metro Apartments 47-71 Dorcas Street	Domain Station (<500m)	South Melbourne	23/03/2001	Audit not reviewed, due to age of assessment.
38787-4	Capri Apartments 32-58 Bank Street	Domain Station (<500m)	South Melbourne	29/08/2001	Audit not reviewed, due to age of assessment.
39294-1	Como Project 69-77 River Street	Eastern Portal (>500m)	South Yarra	13/12/1999	Audit not reviewed, due to age of assessment.
39294-2	Como Project 670 Chapel Street	Eastern Portal (>500m)	South Yarra	14/06/2000	Audit not reviewed, due to age of assessment.
43063-1	191-197 Lygon street, Brunswick, Victoria	Parkville Station (>250m <500m)	Brunswick	22/12/2000	Audit outside area of detailed review

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit
61886-1	60-96 Macaulay Rd, North Melbourne	Arden Station (>250m <500m)	North Melbourne	19/06/2009	Audit outside area of detailed review
60843-1	15-25 Byron Street, North Melbourne	Parkville Station(>250m <500m)	North Melbourne	31/10/2013	Audit outside area of detailed review
68727-1	63-75 Coventry Street, Southbank	Domain Station (>250m <500m)	Southbank	31/10/2013	Audit outside area of detailed review
61709-1	SE Corner of Surrey Road Depot, 67-71 Surrey Road	Eastern Portal (>250m <500m)	South Yarra	16/10/2008	Audit outside area of detailed review
41213-1	84-104 Dynon Road	500m Alignment (>250m <500m)	Flemington	4/03/2002	Audit outside area of detailed review
41367-1	10-22 Laurens Street	Arden Station (>250m <500m)	West Melbourne	23/03/2000	Audit outside area of detailed review
62768-1	637-641 Chapel Street	Eastern Portal (>250m <500m)	South Yarra	27/05/2008	Audit outside area of detailed review
65094-1	12-14 Claremont Street	Eastern Portal (>250m <500m)	South Yarra	20/07/2009	Audit outside area of detailed review
65334-1	Common Ground Supportive Housing Project 660-674 Elizabeth Street	Parkville Station (>250m <500m)	Melbourne	11/05/2010	Audit outside area of detailed review
65782-1	10-14 Bennetts Lane	CBD North (>250m <500m)	Melbourne	19/02/2010	Audit outside area of detailed review
66808-1	43-45 Claremont Street	Eastern Portal (>250m <500m)	South Yarra	16/08/2010	Audit outside area of detailed review
68242-1	50-54 Claremont Street	Eastern Portal (>250m <500m)	South Yarra	10/11/2010	Audit outside area of detailed review
42947-1	332-336 Toorak Road	Eastern Portal (>250m <500m)	South Yarra	17/06/2002	Audit outside area of detailed review
42947-2	332-336 Toorak Road	Eastern Portal (>250m <500m)	South Yarra	17/06/2002	Audit outside area of detailed review
43063-1	191-197 Lygon Street	Parkville Station (>250m <500m)	Brunswick	5/02/2001	Audit outside area of detailed review
44998-1	1-13 Purcell Street	Alignment (>100m <500m)	North Melbourne	21/02/2001	Audit outside area of detailed review

Table B4II Summary of Audit Reports

CARMS No.	Address	Station	Locality	Date	Reason for Audit
46312-1	3-5 Anderson Street	Arden Station (>250m <500m)	West Melbourne	3/08/2001	Audit outside area of detailed review
48835-1	23-25 Leveson Street	Alignment (>100m <500m)	North Melbourne	12/02/2003	Audit outside area of detailed review
49180-1	Former Herald & Weekly Times Building 44-74 Flinders Street	CBD South (>250m <500m)	Melbourne	12/06/2007	Audit outside area of detailed review
51995-1	15-23 Lothian Street	Arden Station (>250m <500m)	North Melbourne	9/09/2004	Audit outside area of detailed review
55787-1	97-113 LEICESTER Street	CBD North (>250m <500m)	Carlton	15/12/2005	Audit outside area of detailed review
56509-1	Drummond Street	Alignment (>100m <500m)	Carlton	13/05/2011	Audit outside area of detailed review
58600-1	9-13 CLAREMONT Street	Eastern Portal (>250m <500m)	South Yarra	7/08/2006	Audit outside area of detailed review
58669-1	15-19 CLAREMONT Street	Eastern Portal (>250m <500m)	South Yarra	23/11/2006	Audit outside area of detailed review
59290-1	326-348 Lygon Street	Alignment (>100m <500m)	Brunswick	20/12/2006	Audit outside area of detailed review
60346-1	12-13 Yarra Street	Eastern Portal (>250m <500m)	South Yarra	11/07/2007	Audit outside area of detailed review
60780-1	25-27 ST MARTINS Lane	Alignment (>100m <500m)	South Yarra	3/02/2010	Audit outside area of detailed review
60843-1	15-25 Byron Street	Parkville Station (>250m <500m)	North Melbourne	20/05/2009	Audit outside area of detailed review
61709-1	Part of Lot 1, SE Corner of Surrey Road Depot 67-71 Surrey Road	Eastern Portal (>250m <500m)	South Yarra	16/10/2008	Audit outside area of detailed review
61886-1	Stage 1 60-96 Macaulay Road	Arden Station (>250m <500m)	North Melbourne	19/06/2009	Audit outside area of detailed review
61886-2	Stage 2 60-96 Macaulay Road	Arden Station (>250m <500m)	North Melbourne	7/03/2012	Audit outside area of detailed review
62616-1	108-114 Little Lonsdale Street	CBD North (>250m <500m)	Melbourne	30/03/2009	Audit outside area of detailed review
63452-1	7-13 Simmons Street & 12 Ellis Street	Eastern Portal (>250m <500m)	South Yarra	25/02/2009	Audit outside area of detailed review
64669-3	4-10 Daly Street	Eastern Portal (>250m <500m)	South Yarra	9/08/2013	Audit outside area of detailed review
68727-1	63-75 Coventry Street	Domain Station (>250m <500m)	Southbank	24/08/2011	Audit outside area of detailed review
69215-1	9 Cobden Street	CBD North (>250m <500m)	North Melbourne	22/06/2011	Audit outside area of detailed review
70019-1	79-89 Leveson Street	Alignment (>100m <500m)	North Melbourne	14/10/2011	Audit outside area of detailed review
70607-1	33 Claremont Street	Eastern Portal (>250m <500m)	South Yarra	30/10/2012	Audit outside area of detailed review
70030-2	10 Claremont St	Eastern Portal (>250m <500m)	South Yarra	15/12/2013	Audit outside area of detailed review
72827-1	47 Claremont St	Eastern Portal (>250m <500m)	South Yarra	27/06/2014	Audit outside area of detailed review
72794-1	18 Yarra St	Eastern Portal (>250m <500m)	South Yarra	28/08/2014	Audit outside area of detailed review
68066-1	33 Simmons St	Eastern Portal (>250m <500m)	South Yarra	24/10/2014	Audit outside area of detailed review

Precinct	Date	Name of Plan	The Site – Melbourne Metro Concept Design	Adjacent to the Site (i.e. Offsite Assessment Area)
Western Portal	1895	Plan No. 33 Flemington and Kensington	The railway line has been developed. South Kensington Railway station is present at the junction of Ormond and Childers Rd. the property in the western end of the portal is shown to be used for desiccating works and a bone mill. No roads have been developed adjacent to the railway.	Predominantly undeveloped. SE - Tankards Malt house SW – Desiccating works and Bone Mill
Arden station	1895-96	Plan No. 33 Flemington and Kensington Pic1 MMBW 1895 North Melbourne 1:600Feet MMBW 1895 Docklands 1 Inch 600 Feet	Proposed station outline falls on railway reserve.	North and NE– Melbourne Recreation Reserve, Gas Holder and other open space and some scattered commercial and/or residential use buildings. East – There appears to be an excavation to the NE and to the SE. There also appear to be commercial and/or residential use buildings. South – railway reserve. West – Moonee Ponds Creek, open space, excavations and commercial and/or residential use buildings.
Parkville station	1896	Plan No. 30 Parkville1 Parkville2 Parkville3	Station footprint is located within Grattan road. The west portion of the proposed station is immediately next to a pig market to the north and a hay market to the south.	North – Parkland associated with Melbourne University. NE– Cemeteries and Crematoria South – mixture between commercial/residential, bowling green, West – markets and commercial.
CBD North station	1895 1896	Plan No 25 City of Melbourne Plan No 30 City of	The station footprint is present within Swanston St and Franklin St.	North – The Melbourne Baths are present NE of the station footprint. The Carlton Brewery is noted in the NW.

Precinct	Date	Name of Plan	The Site – Melbourne Metro Concept Design	Adjacent to the Site (i.e. Offsite Assessment Area)
		Melbourne		East – land appears to be excavated. Several large building present, with the Melbourne gaol further east. SE – public library and Melbourne hospital. South – buildings likely to be used for commercial use. West – buildings likely to be used for commercial use.
CBD South station	1895	CBD 1 CBD 2	Proposed station overlies road throughout the proposed alignment. Buildings immediately adjacent or slightly overlaid by proposed station footprint, include the Gippsland Hotel and Parcels Store to the South Victoria Buildings, to the NE.	North – The Town Hall, commercial buildings with cellars and a printing office. East – Cathedral Hotel, St Pauls Cathedral, South – Flinders Street station, Parcel offices, West – Commercial businesses, including hotels.
Domain station	1894	Plan No 21 South Melbourne and Melbourne	Proposed station overlies the road in most areas with slight overlap over the gardens. The road reserve includes a tennis court.	North – Gardens with some buildings including the Shrine of Remembrance. East – Gardens. South – Commercial or residential use buildings. West - Commercial or residential use buildings.

Precinct	Date	Name of Plan	The Site – Melbourne Metro Concept Design	Adjacent to the Site (i.e. Offsite Assessment Area)
Eastern Portal	1896	Plan No 37 City of Prahran Part A	Proposed portal outline includes the train line. The train line has been cut into the land.	North – Commercial or residential use buildings. A Clay pit or hole is present north of Toorak Rd. East – Commercial or residential use buildings. South – Commercial or residential use buildings. West – Train lines as well as commercial or residential use buildings.

Year	Precinct	The Site – Melbourne Metro Concept Design	Adjacent to the Site (i.e. Offsite Assessment Area)
1945	Western Portal	The proposed portal outline is parallel to train sidings. A bridge, with rail, is present crossing the Maribyrnong River.	To the immediate North, adjacent to the Maribyrnong appears to be used for industrial purposes. Land northeast and north west of Kensington Rd has been cleared and is generally vacant, with residential development further North. To the East and South the Railway appears to be the dominant land use.
	Arden station	There is inferred industrial development in the proposed station outline, sheds and warehouses appear to be present.	Inferred industrial development to the North, East, West and South of the proposed Arden station. Gasworks appears to the North East of the proposed station. The area adjacent to Moonee Ponds Creek appears disturbed but not developed.
	Parkville station	The proposed station outline is predominantly located within Grattan St and the road reserve.	To the North of the proposed station Melbourne University Buildings and gardens are present. The land on the corner of Royal Parade and Grattan St has been cleared. Commercial development with residential development is present further North. To the South is commercial development with some residential development, An established bowling green, tennis court and reserve is present to the south of the station. To the SW are predominantly smaller buildings, likely largely residential and smaller commercial businesses. To the NW buildings, inferred to be the Royal Melbourne Hospital are present.
	CBD North station	The proposed CBD North station appears to predominantly be within Swanston St and the adjacent road reserves.	The surrounding land use looks to be commercial and light industrial in all directions, with likely some residential uses. Large buildings are established on the Carlton United Brewery site.
	CBD South	The proposed CBD South station appears to predominantly be within Swanston St and the adjacent road reserves and the open area adjacent	To the North, East and West of the proposed station, land use is commercial. To the immediate

Year	Precinct	The Site – Melbourne Metro Concept Design	Adjacent to the Site (i.e. Offsite Assessment Area)
	station	to St Pauls Cathedral.	South of the proposed station is Flinders Street station and railway and further South is the Yarra River.
	Domain station	The proposed Domain station is within parkland (the Shrine of Remembrance gardens NE portion), St Kilda Rd and road reserves and the traffic island at the corner of Albert Rd and St Kilda Rd. Trees are established on the traffic island and within the road reserve.	The surrounding land use in the N/NE is parkland, including the Shrine of Remembrance and Melbourne Grammar School. To the South, SE and West the land use is inferred as residential based on the size and distribution of buildings.
	Eastern Portal	The proposed outline of the Eastern Portal falls into an area of residential development before joining the existing rail corridor.	The surrounding land use in all directions of the portal is inferred to be predominantly residential based on the size, distribution and density of buildings in the aerial photograph.
1966-70	Western Portal	Portal outline is parallel to train sidings.	To the immediate North of the portal the land appears to be unused with residential development further North and along Tennyson and Ormond St. To the East and South is predominantly part of the railway infrastructure.
	Arden station	Industrial development is present in the proposed station outline. Rail access is present within the area. Warehouses and storage or laydown areas are present.	North Melbourne Gasworks is present to the NE of the proposed station (NE of Macaulay Rd). The electricity terminal is present in the West.
	Parkville station	Little change in land use since 1945.	To the North and East of the site the University of Melbourne has developed further. The immediate land uses in all directions of the proposed Parkville station are commercial. To the far North and West of the station outline the dominant land use is residential.
	CBD North station	Little change in land use since 1945.	Large buildings have been established east of the proposed station, opposite the Melbourne Baths.

Year	Precinct	The Site – Melbourne Metro Concept Design	Adjacent to the Site (i.e. Offsite Assessment Area)
	CBD South station	Little change in land use since 1945. Trees are visible within the open space adjacent to St Pauls Cathedral.	The surrounding land use has not changed significantly from the 1945 aerial photograph except for increased development to the North, East and West in terms of commercial/residential development. To the immediate South, development of Flinders Street station has occurred as well as what appears to be an increase in commercial development South of the Yarra River. Buildings are present on the SE corner of Flinders St and Swanston St.
	Domain station	Little change in land use since 1945.	The surrounding land use in the N/NE still remains as parkland and Melbourne Grammar School. A multi-storey building is visible on the SW corner of St Kilda and Albert Rd.
	Eastern Portal	The proposed outline of the Eastern Portal falls into an area of residential development, the same as in the 1945 aerial photograph. The western portion of the proposed portal outline still covers a portion of parkland.	The surrounding land use in all directions of the portal is inferred to be residential from the size, distribution and density of buildings in the aerial photograph as in the 1945 aerial photograph. A difference from the 1945 aerial photograph is a commercial or industrial development in the form of 'Y' shaped buildings to the SSE of the proposed Eastern Portal location.
1998	Western Portal	The portal falls in between Kensington station and J J Holland Park in the North.	To the NW of the site there appears to be industrial development as well as recent land clearing. Directly North of the railway is the J J Holland Park, with residential development further North and the NE. East of the site there appears to be mixed industrial and residential development

Year	Precinct	The Site – Melbourne Metro Concept Design	Adjacent to the Site (i.e. Offsite Assessment Area)
			and to the south is the South, Kensington Train station. To the west is the Maribyrnong River as well as what appears to be industrial development (on the eastern side of the river).
	Arden station	Industrial sheds and warehouses are present within the proposed station footprint.	North Melbourne Gas Works/Holder to the NE appears to have been removed. Surrounding the proposed station to the East, South and West, the dominant land use appears to be industrial. The freeway (city link) has been developed to the West of the proposed station outline.
	Parkville station	Station footprint remains predominantly within Grattan St and open space adjacent to Melbourne University.	No significant change to the 1966-70 aerial photograph.
	CBD North station	Proposed station footprint remains within Swanston St and Franklin St.	The surrounding land use appears to be commercial in all directions as previously however several of the buildings which were part of the Carlton United Brewery have been cleared. Buildings south of the State Library have also been cleared.
	CBD South station	Land use type of the underlying the proposed station has generally not changed from the 1966-70 aerial photograph.	The surrounding land use has not changed significantly from the 1966-70 aerial photograph except for increased development to the North, East and West in terms of commercial development. To the immediate South, further development of Flinders Street station has occurred as well as further commercial development South of the Yarra River.
	Domain station	Land uses are comparable to 1966-1970 aerial.	The surrounding land use in the N/NE still remains as parkland and Melbourne Grammar School. To the South, SE and West the land use is commercial and high density residential. Increased number of multi-storey buildings are present west of St Kilda Rd.

Year	Precinct	The Site – Melbourne Metro Concept Design	Adjacent to the Site (i.e. Offsite Assessment Area)
	Eastern Portal	Land uses are comparable to 1966-1970 aerial.	The surrounding land use in all directions of the portal is inferred to be residential from the size, distribution and density of buildings in the aerial photograph as in the 1966-70 aerial photograph with the exception to the immediate NE of the proposed portal outline and to the immediate E-SE buildings that are likely to be commercial developments.
2015	Western Portal	The portal falls in between South Kensington station and J J Holland Park in the North. The proposed portal outline includes the existing train line.	The NW of the proposed portal has residential development where land was previously cleared. All other surrounding land uses appear to be the same as in the 1998 aerial photograph.
	Arden station	Train sidings parallel to the proposed station outline still remain with industrial development still present in the proposed Arden station outline.	Little has changed from the 1998 aerial photograph. With the exception of the North Melbourne Gas Works to the NE that appears to have been redeveloped to what is inferred to be either an industrial or commercial development.
	Parkville station	The land use within the Parkville station outline has not changed significantly from the 1998 aerial photograph.	The Melbourne Royal Hospital includes additional buildings to the west. No other significant change to the 1966-70 aerial photograph.
	CBD North station	Land uses are comparable to 1998 aerial.	Surrounding land use appears to be commercial and high density residential. However the site NW of the proposed station, on the corner of Swanston and Victoria St appears to have been developed and is no longer a cleared parcel of land.
	CBD South	Land uses are comparable to 1998 aerial.	All surrounding land use has remained the same with further commercial development in all

Year	Precinct	The Site – Melbourne Metro Concept Design	Adjacent to the Site (i.e. Offsite Assessment Area)
	station		directions. Flinders Street station has been developed further with increased development again, South of the Yarra River.
	Domain station	Land uses are comparable to 1998 aerial.	The surrounding land use in the N/NE remains as parkland and Melbourne Grammar School to the East. To the South, SE and West the land use is commercial and high density residential.
	Eastern Portal	The proposed outline of the Eastern Portal falls into an area of residential with some commercial development. The western portion of the proposed portal outline still covers a portion of parkland.	The surrounding land use is predominantly residential, inferred from the size, distribution and density of buildings in the aerial photograph as in the 1998 aerial photograph. Exceptions still remain to the immediate NE of the proposed portal outline and to the immediate E-SE buildings that are likely to be commercial developments.

Table B4V HIstorical Industries Within 500m of Alignment

Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
267 Lygon Ln, Carlton, Victoria, 3053	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Brown Gouge Ltd	Carlton	267 Lygon Street,Carlton,Victoria ,Australia
116-118 Berkeley St, Carlton, Victoria, 3053	Yellow Pages 1990	Motor Garage	Motor Garage	Allan JW Automotives	Carlton	116 Berkely ,CARLTON,Victoria ,Australia
164 Cardigan St, Carlton, Victoria, 3053	Yellow Pages 1990	Motor Garage	Motor Garage	Carlectrics	Carlton	164 Cardigan,Carlton,Victoria ,Australia
265-271 Queensberry St, Carlton, Victoria, 3053	Yellow Pages 1990	Motor Garage	Motor Garage	Perfect Brakes & Steering	Carlton	265 Queensberry ,Carlton,Victoria ,Australia
110-112 Queensberry St, Carlton, Victoria, 3053	Yellow Pages 1990	Motor Garage	Motor Garage	Wilson Carburettor Service Pty Ltd	Carlton	110 Queensberry ,Carlton,Victoria ,Australia
Grattan St & Drummond St, Carlton, Victoria 3053	Yellow Pages 1990	Service Station	Service Station	Esso Australia Ltd	Carlton	Cnr Grattan & Drummond Sts,Carlton,Victoria ,Australia
Melbourne, Victoria	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	BROWN GOUGE DRY CLEANING	Melbourne	Flinders Street Railway Station,Melbourne,Victoria ,Australia
38-44 Barrett St, Kensington, Victoria, 3031	Yellow Pages 1990	Motor Garage	Motor Garage	E H Automotive & Gas Services	Kensington	38 Barrett St,Kensington,Victoria ,Australia
7 Dynon Rd, Kensington, Victoria, 3003	Yellow Pages 1990	Service Station	Service Station	Silver Greasing Service	Kensington	7 Dynon Rd ,Kensington ,Victoria ,Australia
250 Elizabeth St, Melbourne, Victoria, 3000	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Benjamin's Fine Tobacco	Melbourne	250 Elizabeth ,Melbourne,Victoria ,Australia
80 Collins St, Melbourne, Victoria, 3000	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Elite Dry Cleaner	Melbourne	80 Collins,Melbourne,Victoria ,Australia
24 Hardware Ln, Melbourne, Victoria, 3000	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Hiclean Drycleaners	Melbourne	24 Hardware,Melbourne,Victoria ,Australia
89 Flinders Ln, Melbourne, Victoria, 3000	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Flinders Lane Dry Cleaner	Melbourne	89 Flinders La,Melbourne,Victoria ,Australia
220-226 Collins St, Melbourne, Victoria, 3000	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	White Rose Dry Cleaner	Melbourne	220 Collins ,Mlebourne,Victoria ,Australia
37-39 Albert Rd, Melbourne, Victoria, 3004	Yellow Pages 1990	Motor Garage	Motor Garage	Jeep Australia Pty Ltd	Melbourne	37 Albert Rd,Melbourne,Victoria ,Australia
108-116 Lonsdale St, Melbourne, Victoria, 3000	Yellow Pages 1990	Motor Garage	Motor Garage	TARIFF MOTORS	Melbourne	108 Lt Lonsdale,Melbourne,Victoria ,Australia
31-33 Albert Rd, Melbourne, Victoria, 3004	Yellow Pages 1990	Service Station	Service Station	BP Oil	Melbourne	31 Albert Rd,Melbourne,Victoria ,Australia
621 Elizabeth St, Melbourne, Victoria, 3000	Yellow Pages 1990	Service Station	Service Station	Melford Motors	Melbourne	621 Elizabeth,Melbourne,Victoria ,Australia
14 Queens Rd, Melbourne, Victoria, 3004	Yellow Pages 1990	Service Station	Service Station	MotorPass	Melbourne	14 Queens Rd,Melbourne,Victoria ,Australia
North Melbourne, Victoria	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Brown Gouge Dry Cleaning	North Melbourne	542 Victoria,North Melbourne,Victoria ,Australia
Victoria St, North Melbourne, Victoria, 3003	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	BROWN GOUGE VALET	North Melbourne	542 Victoria Street ,North Melbourne,Victoria ,Australia
36-38 Errol St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Happy Hanger	North Melbourne	36 Errol,North Melbourne,Victoria ,Australia

Table B4V HIstorical Industries Within 500m of Alignment

Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
2 Errol St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Lyn Drycleaning	North Melbourne	2 Errol ,North Melbourne,Victoria ,Australia
205-217 Peel St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Motor Garage	Motor Garage	Alfa City Pty LTd	North Melbourne	205 Peel St,NORTH MELBOURNE,Victoria ,Australia
238-240 Dryburgh St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Motor Garage	Motor Garage	C.I.D. Automotive Conversions	North Melbourne	238 Dryburgh ,North Melbourne,Victoria ,Australia
15A Union St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Motor Garage	Motor Garage	GIEMSA AUTOMOTIVE SERVICE	North Melbourne	15a Union St,North Melbourne,Victoria ,Australia
112 Curzon St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Motor Garage	Motor Garage	HOSPITAL SERVICE CENTRE	North Melbourne	112 Curzon St,North Melbourne,Victoria ,Australia
50, North Melbourne, Victoria, 3003	Yellow Pages 1990	Motor Garage	Motor Garage	Hyundai	North Melbourne	50 O'Connell,North Melbourne,Victoria ,Australia
60 Courtney St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Motor Garage	Motor Garage	Officer Smith Automotive	North Melbourne	60 Courtney ,North Melbourne,Victoria ,Australia
27-35 Leveson St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Motor Garage	Motor Garage	Pringle J Automotive	North Melbourne	27 Leveson ,North Melbourne,Victoria ,Australia
146-154 Chetwynd St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Motor Garage	Motor Garage	Sheldon Graham Motors	North Melbourne	146 Chetwynd ,North Melbourne,Victoria ,Australia
113-117 Dryburgh St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Motor Garage	Motor Garage	Wade Camshafts Pty Ltd	North Melbourne	113 Drysburgh ,North Melbourne,Victoria ,Australia
Abbotsford St & Arden St, North Melbourne, Victoria 3051	Yellow Pages 1990	Service Station	Service Station	A F Automotive Services	North Melbourne	Cnr Abbotsford & Arden Sts,North Melbourne,Victoria ,Australia
242-248 Dryburgh St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Service Station	Service Station	Ampol Petroleum (VIC) Pty Ltd	North Melbourne	242 Dryburgh,North Melbourne,Victoria ,Australia
Abbotsford St & Baillie St, North Melbourne, Victoria 3051	Yellow Pages 1990	Service Station	Service Station	BP Australia Ltd	North Melbourne	Cnr Abbotsford & Baillie Sts,North Melbourne,Victoria ,Australia
Abbotsford St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Service Station	Service Station	BP Australia Ltd	North Melbourne	Abbotsford St,North Melbourne,Victoria ,Australia
125 Chetwynd St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Service Station	Service Station	Market Place Auto Service	North Melbourne	125 Chetwynd,North Melbourne,Victoria ,Australia
Curzon St & Queensberry St, North Melbourne, Victoria 3051	Yellow Pages 1990	Service Station	Service Station	Mobil Oil Service Station Ltd	North Melbourne	Cnr Curzon & Queensberry Sts,North Melbourne,Victoria ,Australia
1-3 De Feu St, North Melbourne, Victoria, 3051	Yellow Pages 1990	Service Station	Service Station	Pittao L & C	North Melbourne	1 Defeu ,North Melbourne,Victoria ,Australia
268 Kings Pl, South Melbourne, Victoria, 3205	Yellow Pages 1990	Motor Garage	Motor Garage	Galarowi J	South Melbourne	268 Kingsway ,South Melbourne,Victoria ,Australia
252-274 Sturt St, South Melbourne, Victoria, 3006	Yellow Pages 1990	Motor Garage	Motor Garage	Lanes Motors Body Repairs	South Melbourne	252 Sturt ,South Melbourne,Victoria ,Australia
286A Kings Way, South Melbourne, Victoria, 3205	Yellow Pages 1990	Motor Garage	Motor Garage	Lube Mobile	South Melbourne	286a Kingsway ,South Melbourne,Victoria ,Australia
120-150 Sturt St, South Melbourne, Victoria, 3006	Yellow Pages 1990	Motor Garage	Motor Garage	McDermott R A & Co	South Melbourne	120 Sturt ,South Melbourne,Victoria ,Australia
132 Sturt St, South Melbourne, Victoria, 3006	Yellow Pages 1990	Motor Garage	Motor Garage	Patterson Cheney Pty Ltd	South Melbourne	132 Sturt,South Melbourne,Victoria ,Australia

Table B4V HIstorical Industries Within 500m of Alignment

Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
29 Bank St, South Melbourne, Victoria, 3205	Yellow Pages 1990	Motor Garage	Motor Garage	Southern City Ford	South Melbourne	29 Yarra Bank Rd ,South Melbourne,Victoria ,Australia
331 Kings Way, South Melbourne, Victoria, 3205	Yellow Pages 1990	Service Station	Service Station	BP Australia Ltd	South Melbourne	331 The Kingsway ,South Melbourne,Victoria ,Australia
Kings Way & Bank St, South Melbourne, Victoria 3205	Yellow Pages 1990	Service Station	Service Station	Golden Fleece Petroleum Ltd	South Melbourne	Cnr Kingsway & Bank St,South Melbourne,Victoria ,Australia
11-17 Dorcas St, South Melbourne, Victoria, 3205	Yellow Pages 1990	Service Station	Service Station	SHELL Victorian Branch	South Melbourne	11 Dorcas St,South Melbourne,Victoria ,Australia
45-47 Toorak Rd, South Yarra, Victoria, 3141	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Bancrofts Dry Cleaning Co Pty Ltd	South Yarra	45 Toorak Rd,South yarra,Victoria ,Australia
123A Park St, South Yarra, Victoria, 3141	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	DOMAIN Dry Cleaner	South Yarra	123a Park,South Yarra,Victoria ,Australia
47 Toorak Rd, South Yarra, Victoria, 3141	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Bancrofts Drycleaning Co (Vic) Pty Ltd	South Yarra	47 Toorak Rd,SOUTH YARRA,Victoria ,Australia
40 Ellis St, South Yarra, Victoria, 3141	Yellow Pages 1990	Dyers	Dry Cleaner & Dyers	LAWRENCE WILLIAM (GLOBE DYE WORKS) PTY LTD	South Yarra	40 Ellis,SOUTH YARRA,Victoria ,Australia
15 Wilson St, South Yarra, Victoria, 3141	Yellow Pages 1990	Motor Garage	Motor Garage	Adair Automotoive	South Yarra	15 Wilson,SOUTH YARRA,Victoria ,Australia
39-41 Wilson St, South Yarra, Victoria, 3141	Yellow Pages 1990	Motor Garage	Motor Garage	Gee's Automotive Services Pty Ltd	South Yarra	39 Wilson ,South Yarra,Victoria ,Australia
47 Arnold St, South Yarra, Victoria, 3141	Yellow Pages 1990	Motor Garage	Motor Garage	McKinnar L J	South Yarra	47 Arnold,South Yarra,Victoria ,Australia
6A Wilson St, South Yarra, Victoria, 3141	Yellow Pages 1990	Motor Garage	Motor Garage	Prahran Brake & Clutch Service	South Yarra	6a Wilson,South Yarra,Victoria ,Australia
48 Garden St, South Yarra, Victoria, 3141	Yellow Pages 1990	Motor Garage	Motor Garage	South Yarra Performance Centre	South Yarra	48 Garden ,South Yarra,Victoria ,Australia
South Yarra, Victoria	Yellow Pages 1990	Service Station	Service Station	Golden Fleece Petroleum Ltd	South Yarra	Cnr Punt& Commercial Rds,South Yarra,Victoria ,Australia
412-414 Punt Rd, South Yarra, Victoria, 3141	Yellow Pages 1990	Service Station	Service Station	Punt Rd Service Station	South Yarra	412 Punt Rd,South Yarra,Victoria ,Australia
25-27 St Martins Ln, South Yarra, Victoria, 3141	Yellow Pages 1990	Service Station	Service Station	St Martins Garage	South Yarra	25 St Martins La,South Yarra,Victoria ,Australia
325 Toorak Rd, South Yarra, Victoria, 3141	Yellow Pages 1990	Service Station	Service Station	Shell Co of Australia Ltd	South Yarra	325 Toorak Rd,South Yarra,Victoria ,Australia
60 Garden St, South Yarra, Victoria, 3141	Yellow Pages 1990	Service Station	Service Station	Southern City Ford	South Yarra	60 Garden,South Yarra,Victoria ,Australia
637 Chapel St, South Yarra, Victoria, 3141	Yellow Pages 1990	Service Station	Service Station	Yarra Diagnostic Centre Cohen Lionel	South Yarra	637 Chapel ,South Yarra,Victoria ,Australia
Abbotsford St & Victoria St, West Melbourne, Victoria 3003	Yellow Pages 1990	Motor Garage	Motor Garage	Carburettor Centre	West Melbourne	Cnr Abbotsford & Victoria Sts,West Melbourne,Victoria ,Australia
14-18 Anderson St, West Melbourne, Victoria, 3003	Yellow Pages 1990	Motor Garage	Motor Garage	City West Auto Wreckers	West Melbourne	14 Anderson,West Melbourne,Victoria ,Australia
711-713 Spencer St, West Melbourne, Victoria, 3003	Yellow Pages 1990	Motor Garage	Motor Garage	Gray Allan	West Melbourne	711 Spencer ,West Melbourne,Victoria ,Australia

Table B4V HIstorical Industries Within 500m of Alignment

Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
King St & Hawke St, West Melbourne, Victoria 3003	Yellow Pages 1990	Service Station	Service Station	Golden Fleece Petroleum Ltd	West Melbourne	Cnr King & Hawke Sts,West Melbourne,Victoria ,Australia
31 Degraves St, Melbourne, Victoria, 3000	Yellow Pages 1990	Dry Cleaner	Dry Cleaner & Dyers	Your Expert Service	Melbourne	31 Degraves,Melbourne,Victoria ,Australia
127 A'Beckett St, Melbourne, Victoria, 3000	Yellow Pages 1990	Motor Garage	Motor Garage	City Mazda	Melbourne	127 A'Beckett,Melbourne,Victoria ,Australia
16 Bouverie St, Carlton, Victoria, 3053	Urban Business Directory 1984	Brewery	Brewery	Carlton & United Breweries Ltd.	Carlton	16 Bouverie St,Carlton,Victoria,Australia
350 La Trobe St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Brick Manufacturing	Brick Works	Boral Bricks (Vic) Ltd	Melborune	350 La Trobe St,Melborune,Victoria,Australia
234-250 Collins St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Brick Manufacturing	Brick Works	Houston E Co. Of Australia Pty. Ltd.	Melbourne	234 Collins St,Melbourne,Victoria,Australia
559-565 Queensberry St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Dry Cleaner	Dry Cleaner & Dyers	Ace Dry Cleaner	North Melbourne	559 Queensberry St,North Melbourne,Victoria,Australia
2-4 Curzon St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Dry Cleaner	Dry Cleaner & Dyers	Brown Gouge Ltd	North Melbourne	2 Curzon St,North Melbourne,Victoria,Australia
117 Park St, South Yarra, Victoria, 3205	Urban Business Directory 1984	Dry Cleaner	Dry Cleaner & Dyers	Domain Dry Cleaner	South Yarra	117 Park St,South Yarra,Victoria,Australia
331 Toorak Rd, South Yarra, Victoria, 3141	Urban Business Directory 1984	Dry Cleaner	Dry Cleaner & Dyers	Dri Rite	South Yarra	331 Toorak Rd,South Yarra,Victoria,Australia
161 Toorak Rd, South Yarra, Victoria, 3141	Urban Business Directory 1984	Dry Cleaner	Dry Cleaner & Dyers	Master Dry Cleaning	South Yarra	161A Toorak Rd,South Yarra,Victoria,Australia
198-202 Little Collins St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Dry Cleaner	Dry Cleaner & Dyers	Princes Dry Cleaner	Melbourne	198 Little Collins St,Melbourne,Victoria,Australia
182-184 Cardigan St, Carlton, Victoria, 3053	Urban Business Directory 1984	Dry Cleaner	Dry Cleaner & Dyers	Spotless	Carlton	182 Cardigan St,Carlton,Victoria,Australia
305 Toorak Rd, South Yarra, Victoria, 3141	Urban Business Directory 1984	Dry Cleaner	Dry Cleaner & Dyers	Superior Valet, The	South Yarra	305A Toorak Rd,South Yarra,Victoria,Australia
269-275 Abbotsford St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Dry Cleaner Equipment Manufacturer	Dry Cleaner & Dyers	Topliss & Co Pty Ltd	North Melbourne	269 Abbotsford St,North Melbourne,Victoria,Australia
55 Flemington Rd, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Dyers &/or Bleachers	Dry Cleaner & Dyers	BASF Australia Ltd	North Melbourne	55 Flemington Rd,North Melbourne,Victoria,Australia
106 Dodds St, South Melbourne, Victoria, 3006	Urban Business Directory 1984	Electroplaters	Electroplaters & Enamellers	Avin Plating Pty Ltd	South Melbourne	106 Dodds St ,South Melbourne,Victoria,Australia
23 Byron St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Electroplaters	Electroplaters & Enamellers	McCarthy J. D.	North Melbourne	23 Byron St,North Melbourne,Victoria,Australia
29 Guildford Ln, Melbourne, Victoria, 3000	Urban Business Directory 1984	Electroplaters	Electroplaters & Enamellers	Renown Plate Co Pty Ltd	Melbourne	29 Guilford La,Melbourne,Victoria,Australia
79 Curzon St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Founder - Brass	Foundries	Reid Bros	North Melbourne	79 Curzon St,North Melbourne,Victoria,Australia
27 Provost St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Founder - Iron & Steel	Foundries	Glynwed Australia Pty Ltd	North Melbourne	27 Provost St,North Melbourne,Victoria,Australia
54-56 Howard St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Founder - Non-ferrous	Foundries	Richardson, H. S.	North Melbourne	54 Howard St ,North Melbourne,Victoria,Australia

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Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
151 Flinders Ct, Melbourne, Victoria, 3000	Urban Business Directory 1984	Gases - Industrial Manufacturers &/Or Distributors	Gas Works	Australian Fluorine Chemicals Pty Ltd	Melbourne	151 Flinders St,Melbourne,Victoria,Australia
2-4 Baillie St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	A.E.R. Crank Speedgrinding	North Melbourne	2 Ballie St,North Melbourne,Victoria,Australia
141 Arden St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	A.F. Automotive Service	North Melbourne	141 Arden St,North Melbourne,Victoria,Australia
713 Spencer St, West Melbourne, Victoria, 3003	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Allan Gray Toyota Service	West Melbourne	713 Spencer St,West Melbourne,Victoria,Australia
Berkeley St, Carlton, Victoria, 3053	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Gladstone Motor & Panel Pty Ltd	Carlton	221 Berkeley St,Carlton,Victoria,Australia
Kings Way, South Melbourne, Victoria, 3205	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Golden Fleece South Melbourne Service Station	South Melbourne	Kingsway ,South Melbourne,Victoria,Australia
Punt Rd, South Yarra, Victoria, 3141	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Golden Fleece South Yarra	South Yarra	Punt Rd,South Yarra,Victoria,Australia
15-19 Oconnell St, North Melbourne, Victoria, 3000	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Jap Spares & Repairs	North Melbourne	15 O'Connell St ,North Melbourne,Victoria,Australia
800 Swanston St, Carlton, Victoria, 3010	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Kent Steering & Brake Co. Pty. Ltd.	Carlton	800 Swanton St,Carlton,Victoria,Australia
264-274 Sturt St, South Melbourne, Victoria, 3006	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Lanes Motors Pty Ltd	South Melbourne	264 Sturt St,South Melbourne,Victoria,Australia
130 Chetwynd St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Marland, F. J. Pty Ltd	North Melbourne	130 Chetwynd St,North Melbourne,Victoria,Australia
621 Elizabeth St, North Melbourne, Victoria, 3000	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Melford Motors Pty Ltd	North Melbourne	621 Elizabeth St,North Melbourne,Victoria,Australia
20-22 Queens Rd, South Melbourne, Victoria, 3004	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Mr. Muffler Exhaust Centre	South Melbourne	20 Queensbridge St,South Melbourne,Victoria,Australia
78 Little Latrobe St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Neil Mann Auto Electrical	Melbourne	78 Little La Trobe St,Melbourne,Victoria,Australia
734 Elizabeth St, Carlton, Victoria, 3000	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Nissan Motor Co (Aust) Pty Ltd	Carlton	734 Elizabeth St,Carlton,Victoria,Australia

Table B4V HIstorical Industries Within 500m of Alignment

Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
169 Peel St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Peel Street Motors	North Melbourne	169 Peel St,North Melbourne,Victoria,Australia
108 Little Lonsdale St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Perlow M	Melbourne	108 Little Lonsdale St,Melbourne,Victoria,Australia
116 Leicester St, Carlton, Victoria, 3053	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Pound Motors Pty Ltd	Carlton	116 Leicester St,Carlton,Victoria,Australia
618-630 Elizabeth St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Repco Auto Parts (Vic)	Melbourne	618 Elizabeth St,Melbourne,Victoria,Australia
577 King St, West Melbourne, Victoria, 3003	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Rhodes Motor Co Pty Ltd	West Melbourne	577 King St,West Melbourne,Victoria,Australia
191 Kings Pl, South Melbourne, Victoria, 3205	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Shell Kingsway Self Service	South Melbourne	191 Kingsway ,South Melbourne,Victoria,Australia
653 Chapel Mews, South Yarra, Victoria, 3141	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Shell Oil South Yarra	South Yarra	653 Chapel St,South Yarra,Victoria,Australia
391 St Kilda Rd, Melbourne, Victoria, 3141	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	St Kilda Road Auto Port	Melbourne	391 St Kilda Rd,Melbourne,Victoria,Australia
36-58 Macaulay Rd, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Stokoe Motors Pty. Ltd.	North Melbourne	36 Macaulay Rd,North Melbourne,Victoria,Australia
Bouverie St, Carlton, Victoria, 3053	Urban Business Directory 1984	Motor Garages &/Or Engineers &/Or Service Station	Service Station	Varsity Service Station	Carlton	180 Bouverie St,Carlton,Victoria,Australia
12 Fogarty St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Associated Smash Repairs	North Melbourne	12 Fogarty St,North Melbourne,Victoria,Australia
118 Haines St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Atlas Panels	North Melbourne	118 Haines St,North Melbourne,Victoria,Australia
6 Wilson St, South Yarra, Victoria, 3141	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Auto Queue Prestige Panels	South Yarra	6 Wilson St,South Yarra,Victoria,Australia
656 Chapel St, South Yarra, Victoria, 3141	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Chapel Street Bodyworks	South Yarra	656 Chapel St ,South Yarra,Victoria,Australia
39-49 Cardigan Ter, Carlton, Victoria, 3053	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Cheetham & Borwick	Carlton	39 Cardigan St,Carlton,Victoria,Australia
31 Chelmsford St, Kensington, Victoria, 3031	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Coleman, N. M. & Sons	Kensington	31 Chelmsford St,Kensington,Victoria,Australia
120-124 Dryburgh St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Galaxy Motor Body Repairs	North Melbourne	120 Dryburgh St,North Melbourne,Victoria,Australia

Table B4V HIstorical Industries Within 500m of Alignment

Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
38-40 Baillie St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Gregorys Motor Body Works	North Melbourne	38 Baillie St,North Melbourne,Victoria,Australia
52 Leicester St, Carlton, Victoria, 3053	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Holstock & Jamieson Pty. Ltd.	Carlton	52 Leicester St,Carlton,Victoria,Australia
117 Little Lonsdale St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	M & J Body Works	Melbourne	117 Little Lonsdale St,Melbourne,Victoria,Australia
210 Chetwynd St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Market Place Auto Service	North Melbourne	210 Chetwynd St,North Melbourne,Victoria,Australia
Leicester St, Carlton, Victoria, 3053	Urban Business Directory 1984	Motor Painters &/or Panel Beaters	Motor Garage	Tasman Check Point Pty. Ltd.	Carlton	147 Leicester St,Carlton,Victoria,Australia
278-284 Queensberry St, Carlton, Victoria, 3053	Urban Business Directory 1984	Motor Reconditioners	Motor Garage	Auto Grinding Co. Pty. Ltd.	Carlton	278 Queensberry St,Carlton,Victoria,Australia
253 Abbotsford St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Reconditioners	Motor Garage	Bearing & Cylinder Specialists	North Melbourne	253 Abootsford St,North Melbourne,Victoria,Australia
616 Queensberry St, North Melbourne, Victoria, 3051	Urban Business Directory 1984	Motor Reconditioners	Motor Garage	Small Bore Engineering	North Melbourne	616 Queensberry Rd,North Melbourne,Victoria,Australia
212-222 La Trobe St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Motor Replacement Parts	General Manufacturers	Keep Bros & Wood Pty. Ltd.	Melbourne	212 La Trobe St,Melbourne,Victoria,Australia
547-549 Elizabeth St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Motor Replacement Parts	General Manufacturers	Motor Spares Ltd.	Melbourne	547 Elizabeth St,Melbourne,Victoria,Australia
532-534 Elizabeth St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Motor Replacement Parts	General Manufacturers	Vanguard Co. Pty. Ltd.	Melbourne	532 Elizabeth St,Melbourne,Victoria,Australia
409-413 St Kilda Rd, Melbourne, Victoria, 3141	Urban Business Directory 1984	Motor Truck Body Builders - Steel	Motor Garage	Freighter Industries Ltd.	Melbourne	409 St Kilda Rd,Melbourne,Victoria,Australia
Lloyd St, Kensington, Victoria, 3031	Urban Business Directory 1984	Motor Tyre &/or Tube Manufacturers &/or Distributors	Motor Garage	Bridgestone Aust. Ltd.	Kensington	Lloyd St,Kensington,Victoria,Australia
421 Elizabeth St, Melbourne, Victoria, 3000	Urban Business Directory 1984	Motor Wreckers	Waste Industries	Mota Bitz	Melbourne	421 Elizabeth St,Melbourne,Victoria,Australia
24-26 Albert Rd, South Melbourne, Victoria, 3205	Urban Business Directory 1984	Quarry Proprietors	Quarry and Extractive Indus	Hillview Quarries Pty. Ltd.	South Melbourne	24 Albert Rd,South Melbourne,Victoria,Australia
157 Queensberry Pl, North Melbourne, Victoria, 3051	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Ace	North Melbourne	157 Queensberry St,North Melbourne,Victoria,Australia
Toorak Rd, South Yarra, Victoria, 3141	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Davies, C. D.	South Yarra	265 Toorak Rd,South Yarra,Victoria,Australia
594-602 Chapel St, South Yarra, Victoria, 3141	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Evans, J. & H.	South Yarra	594 Chapel St,South Yarra,Victoria,Australia
Swanston St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Fletcher Jones & Staff Pty Ltd	Melbourne	357 Swanston St,Melbourne,Victoria,Australia
20 Powell St, South Yarra, Victoria, 3141	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Georgalles, A.	South Yarra	20 Powell St,South Yarra,Victoria,Australia
14-18 Anderson St, Yarraville, Victoria, 3003	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Good Look	Yarraville	14 Anderson St,Yarraville,Victoria,Australia
71 The Crescent, Ascot Vale, Victoria, 3031	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Moreland	Ascot Vale	71 The Crescent ,Ascot Vale,Victoria,Australia

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Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
116-118 Lygon St, Carlton, Victoria, 3053	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	O'Connell, J. E.	Carlton	116 Lygon St,Carlton ,Victoria,Australia
236 Lygon St, Carlton, Victoria, 3053	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Pacific	Carlton	236 Lygon St,Carlton,Victoria,Australia
55 Claremont St, South Yarra, Victoria, 3141	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Prince's	South Yarra	55 Claremont St,South Yarra ,Victoria,Australia
Russell Pl, Melbourne, Victoria, 3000	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Six Hour Dry Cleaner	Melbourne	Russell Pl,Melbourne,Victoria,Australia
39 Toorak Rd, South Yarra, Victoria, 3141	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Sketchley	South Yarra	39 Toorak Rd,South Yarra,Victoria,Australia
282 Toorak Rd, South Yarra, Victoria, 3141	Sands & McDougall 1960	Dry Cleaner & Dyers	Dry Cleaner & Dyers	Superior	South Yarra	282 Toorak Rd,South Yarra,Victoria,Australia
4-36 Garden St, South Yarra, Victoria, 3141	Sands & McDougall 1960	Dyers and Finishers to the Trade	Dry Cleaner & Dyers	Baildon Dye Works Pty Ltd	South Yarra	4 Garden St,South Yarra,Victoria,Australia
14 Lang St, South Yarra, Victoria, 3141	Sands & McDougall 1960	Dyers and Finishers to the Trade	Dry Cleaner & Dyers	United Textile Dyers Pty Ltd	South Yarra	14a Lang St,South Yarra,Victoria,Australia
106 Dodds St, Melbourne, Victoria, 3006	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	Aviation Electoplating Indstrs Pty Ltd	Melbourne	106 Dodds St,Melbourne,Victoria,Australia
216-228 Leicester St, Carlton, Victoria, 3053	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	Eclipse Pltng Wks	Carlton	216a Leicester St,Carlton,Victoria,Australia
268 Russell St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	Globus Electroplating Co	Melbourne	268 Russell St,Melbourne,Victoria,Australia
288-292 Collins St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	Kotemann A	Melbourne	288 Lt Collins St,Melbourne,Victoria,Australia
47 Little Latrobe St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	Kromin Plating Works	Melbourne	47 Little Latrobe St,Melbourne,Victoria,Australia
294-296 Collins St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	Langford T	Melbourne	294 Little Collins St,Melbourne,Victoria,Australia
29 Courtney St, North Melbourne, Victoria, 3051	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	McCarthy, J. D.	North melbourne	29 Courtney St,North melbourne,Victoria,Australia
65 La Trobe St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	Speakman W. R. & Son Pty Ltd	Melbourne	65 Latrobe St,Melbourne,Victoria,Australia
306 Exhibition St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	Sturtevant C. A.	Melbourne	306 Exhibition St,Melbourne,Victoria,Australia
Dynon Rd, Flemington, Victoria, 3003	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	Superkrome Pty Ltd	Flemington	Dynon Rd,Flemington,Victoria,Australia
220 Russell St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Electroplaters and Gilders	Electroplaters & Enamellers	Victa Plating Works	Melbourne	220 Russell St,Melbourne,Victoria,Australia
47 La Trobe St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Enamellers	Electroplaters & Enamellers	Parker, O. A.	Melbourne	47a Latrobe St,Melbourne,Victoria,Australia
33 Toorak Rd, South Yarra, Victoria, 3141	Sands & McDougall 1960	Laundries	Dry Cleaner & Dyers	Automat Laundry Service Pty Ltd	South Yarra	33 Toorak Rd,South Yarra,Victoria,Australia
105 Toorak Rd, South Yarra, Victoria, 3141	Sands & McDougall 1960	Laundries	Dry Cleaner & Dyers	Banner	South Yarra	105 Toorak Rd,South Yarra,Victoria,Australia
240 Queensberry St, North Melbourne, Victoria, 3053	Sands & McDougall 1960	Laundries	Dry Cleaner & Dyers	Champion	North melbourne	240 Queensberry St,North melbourne,Victoria,Australia

Table B4V HIstorical Industries Within 500m of Alignment

Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
276 Toorak Rd, South Yarra, Victoria, 3141	Sands & McDougall 1960	Laundries	Dry Cleaner & Dyers	Simon Ernest	South Yarra	276 Toorak Rd,South Yarra,Victoria,Australia
31 La Trobe St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Amson H. C.	Melbourne	31 Latrobe St,Melbourne,Victoria,Australia
143-151 Therry St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Austn Lthr Gds	Melbourne	143 Therry St,Melbourne,Victoria,Australia
244 Collins St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Bardin Bags	Melbourne	244 Collins St,Melbourne,Victoria,Australia
Goldie Pl, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Collins, R.	Melbourne	Goldie Pl,Melbourne,Victoria,Australia
231 Elizabeth St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Elite	Melbourne	231 Elizabeth St,Melbourne,Victoria,Australia
150 Flinders Ln, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Evelyn	Melbourne	150 Flinders Lane ,Melbourne,Victoria,Australia
229 Collins St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Exclusive	Melbourne	229 Collins St,Melbourne ,Victoria,Australia
Anthony St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Ford Sherrington Ltd	Melbourne	Anthony St,Melbourne,Victoria,Australia
230-234 Leicester St, Carlton, Victoria, 3053	Sands & McDougall 1960	Leather Manufacturers	Textiles	Jacob F. & Co	Carlton	230 Leicester St,Carlton ,Victoria,Australia
Lonsdale St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Kolux Mnfrng Co.	Melbourne	17 Lonsdale St,Melbourne,Victoria,Australia
389-395 Lonsdale St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Lacy & Osborne Pty Ltd	Melbourne	389 Lonsdale St,Melbourne,Victoria,Australia
49 Elizabeth St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Lemo Creations	Melbourne	49 Elizabeth St,Melbourne,Victoria,Australia
238 La Trobe St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Mars Mnfrng Co Py Ld	Melbourne	238 Latrobe St,Melbourne,Victoria,Australia
300 Russell St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Melb. Leathercraft Co.	Melbourne	300 Russell St,Melbourne,Victoria,Australia
85 Flinders Ct, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Miges	Melbourne	85 Flinders Ln,Melbourne,Victoria,Australia
684 Elizabeth St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Munro K. E.	Melbourne	684 Elizabeth St,Melbourne,Victoria,Australia
380 Collins St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Personality Leather Products	Melbourne	380 Lit Collins St,Melbourne,Victoria,Australia
31 Somerset Pl, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Reptile Leather Goods	Melbourne	31 Somerset Pl,Melbourne,Victoria,Australia
258 Elizabeth St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Ryding S. P.	Melbourne	258a Elizabeth St,Melbourne,Victoria,Australia
52 Bouverie St, Carlton, Victoria, 3053	Sands & McDougall 1960	Leather Manufacturers	Textiles	Sher, I. Pty Ltd.	Carlton	52 Bouverie St,Carlton,Victoria,Australia
227-229 Bourke St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Starlite Products	Melbourne	227 Lt Bourke St,Melbourne,Victoria,Australia

Table B4V HIstorical Industries Within 500m of Alignment

Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
248 Elizabeth St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Tutty M. J.	Melbourne	248 Elizabeth St,Melbourne,Victoria,Australia
349 Elizabeth St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Weiden E.	Melbourne	349 Elizabeth St,Melbourne,Victoria,Australia
395 Chapel St, South Yarra, Victoria, 3141	Sands & McDougall 1960	Leather Manufacturers	Textiles	White, A. J. & Son Pty Ltd	South Yarra	395 Chapel St,South Yarra,Victoria,Australia
64 Elizabeth St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Leather Manufacturers	Textiles	Yates, H.	Melbourne	64 Elizabeth St,Melbourne,Victoria,Australia
183 Queensberry St, Carlton, Victoria, 3053	Sands & McDougall 1960	Motor Garage	Motor Garage	A.T.C. Mtrs	Carlton	183 Queensberry St,Carlton,Victoria,Australia
36-38 Toorak Rd, South Yarra, Victoria, 3141	Sands & McDougall 1960	Motor Garage	Motor Garage	Sheppard R. D>	South Yarra	36 Toorak Rd,South Yarra,Victoria,Australia
332A Toorak Rd, South Yarra, Victoria, 3141	Sands & McDougall 1960	Motor Garage	Motor Garage	Stuckey & Moffat Pty Ltd	South Yarra	332 Toorak Rd,South Yarra,Victoria,Australia
160-162 Lygon St, Carlton, Victoria, 3053	Sands & McDougall 1960	Service Station	Service Station	Argyle	Carlton	160 Lygon St,Carlton,Victoria,Australia
76 Macaulay Rd, North Melbourne, Victoria, 3051	Sands & McDougall 1960	Service Station	Service Station	Ball, W. J.	North Melbourne	76 Macaulay Rd,North Melbourne,Victoria,Australia
510 Chapel St, South Yarra, Victoria, 3141	Sands & McDougall 1960	Service Station	Service Station	Brundson W. T. & Sons	South Yarra	510 Chapel St,South Yarra,Victoria,Australia
181 Franklin St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Service Station	Service Station	Burney F. G. & Sons	Melbourne	181 Franklin St ,Melbourne,Victoria,Australia
390-396 Elizabeth St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Service Station	Service Station	Clark's Petrol Oil & Tyre Service	Melbourne	390 Elizabeth St,Melbourne,Victoria,Australia
1-5 Errol St, North Melbourne, Victoria, 3051	Sands & McDougall 1960	Service Station	Service Station	Errol	North Melbourne	1 Errol St,North Melbourne,Victoria,Australia
199 Toorak Rd, South Yarra, Victoria, 3141	Sands & McDougall 1960	Service Station	Service Station	Gillon T. C.	South Yarra	199 Toorak Rd,South Yarra,Victoria,Australia
683 Chapel Mews, South Yarra, Victoria, 3141	Sands & McDougall 1960	Service Station	Service Station	Herschell's	South Yarra	683 Chapel St,South Yarra,Victoria,Australia
320 Lonsdale St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Service Station	Service Station	Kay's	Melbourne	320 Lt Lonsdale St,Melbourne,Victoria,Australia
70-72 Abbotsford St, North Melbourne, Victoria, 3003	Sands & McDougall 1960	Service Station	Service Station	Lancaster	North Melbourne	70 Abbotsford St,North Melbourne,Victoria,Australia
13 MacKenzie St, Melbourne, Victoria, 3000	Sands & McDougall 1960	Service Station	Service Station	Mecca	Melbourne	13 McKenzie St,Melbourne,Victoria,Australia
172-174 Toorak Rd, South Yarra, Victoria, 3141	Sands & McDougall 1960	Service Station	Service Station	Metropolitan Garage	South Yarra	172 Toorak Rd,South Yarra,Victoria,Australia
179-185 Peel St, North Melbourne, Victoria, 3051	Sands & McDougall 1960	Service Station	Service Station	Murdoch's Five Ways Service Pty Ltd	North Melbourne	179 Peel St,North Melbourne,Victoria,Australia
2 Oliver Ln, Melbourne, Victoria, 3000	Sands & McDougall 1960	Service Station	Service Station	Nash, W. R. & Son	Melbourne	2 Oliver's Lane,Melbourne,Victoria,Australia
62 Elizabeth St, Richmond, Victoria, 3000	Sands & McDougall 1960	Service Station	Service Station	Sheeban's Bert	Richmond	62 Elizabeth St,Richmond,Victoria,Australia

Table B4V HIstorical Industries Within 500m of Alignment

Match_addr	Source	Source_Ind	Industry_C	Business_N	City_1	Address__C
185 Grattan St, Carlton, Victoria, 3010	Sands & McDougall 1960	Service Station	Service Station	Varsity Service Station	Carlton	185 Grattan St,Carlton,Victoria,Australia
	Sands and Macdougall 1929	Dry Cleaner	Dry Cleaner & Dyers	Arnold, Mrs A	Melbourne	276 Lonsdale street,Melbourne,Victoria,Australia

Precinct	Onsite- Historical use/ activities	Offsite- Historical use/activities	Current land use/activities - Onsite	GQRUZ within The Site or Off-site Assessment Area	Likely near surface Geology	Observations made during site walk over	Identified former and current industries present at Site or within Offsite Assessment Area (refer to list at the base of this table for associated potential contaminants of interest)																	
							Fill	General Industrial	Motor Garage	Service Station	Drycleaner & Dyers	Electroplaters & Enamellers	Brewery	Foundries	Tanneries	General Manufacturers	Gas Works	Textiles	Brick Works	Quarrying and Extractive Industries	Railway	Hospital	Schools and/or recreational open space
Western Portal																								
North	Industrial use including rail corridor, former rail siding and maintenance yard.	Parks and recreation (JJ Holland Park). Electricity terminal north of the MMRP, west of Moonee Ponds Creek.	Rail corridor and Childers St		Qc, Tov	Residential/open space	✓	✓			✓												✓
East		Parks, residential and rail corridor.				Commercial - Dynon Auto Wreckers	✓	✓															✓
South		Reclaimed land (former swamp). Freight depot and rail sidings. Small substation, located south of MMRP, west Moonee ponds creek				Industrial - Logistics Industrial	✓	✓		✓		✓											
West		Industrial activities, including storage of chemicals, domestic waste, stockpiling of soil at 1-39 Hobsons Rd, Kensington (north west).				A mixture between commerical and industrial. Industries include - Marathon Food Industries, Amalgamated Taxi Trucks, Spotless.	✓	✓	✓														

Precinct	Onsite- Historical use/ activities	Offsite- Historical use/activities	Current land use/activities - Onsite	GQRUZ within The Site or Off-site Assessment Area	Likely near surface Geology	Observations made during site walk over	Identified former and current industries present at Site or within Offsite Assessment Area (refer to list at the base of this table for associated potential contaminants of interest)																	
							Fill	General Industrial	Motor Garage	Service Station	Drycleaner & Dyers	Electroplaters & Enamellers	Brewery	Foundries	Tanneries	General Manufacturers	Gas Works	Textiles	Brick Works	Quarrying and Extractive Industries	Railway	Hospital	Schools and/or recreational open space
Arden Station																								
North	Industrial use including print works, rail corridor, former rail siding. Filling of low lying swamp areas.	Industrial activities, fuel storage	Railway siding and maintenance yard	61886-1 - GQRUZ (within 500m of Arden Station)	Qc	Commercial - North Melbourne Recreation Area, Hansa Automotive Electrical, Champion Bolts and Nuts, Minuteman Press and Taxi Tech	✓	✓	✓	✓						✓								
East		Predominantly industrial and commercial				Commercial - Caltex Service Station (NE), Blueprint, John Holland Department Services, Commercial Car Retailer, Creative Light, Digital Printing Services. Far east is	✓	✓	✓	✓	✓			✓											
South		Industrial activities, including concrete batch plant				Commercial - Sky Reach Cranes and Industrial - Boral Concreting.	✓	✓	✓	✓	✓													
West		Predominantly industrial and commercial, including sand mining, and development of city link freeway.				Industrial - Hytec Concrete	✓	✓	✓											✓	✓		✓	

Precinct	Onsite- Historical use/ activities	Offsite- Historical use/activities	Current land use/activities - Onsite	GQRUZ within The Site or Off-site Assessment Area	Likely near surface Geology	Observations made during site walk over	Identified former and current industries present at Site or within Offsite Assessment Area (refer to list at the base of this table for associated potential contaminants of interest)																	
							Fill	General Industrial	Motor Garage	Service Station	Drycleaner & Dyers	Electroplaters & Enamellers	Brewery	Foundries	Tanneries	General Manufacturers	Gas Works	Textiles	Brick Works	Quarrying and Extractive Industries	Railway	Hospital	Schools and/or recreational open space
Parkville Station																								
North	Agricultural industries (late 1800's to 1930's), Royal Melbourne Hospital and Grattan St roadway and reserves.	Agricultural use and agricultural industries. Excavated paddock (north west).	Grattan St, Melbourne Hospital, Melbourne University medical building.	MM1BH010 located 450 m south east of station footprint, reported detectable dichloroethane (0.084 mg/L)	Sud	Commercial - University of Melbourne to the North.	✓			✓												✓	
East		Commercial, residential and industrial activities including electroplating, leather manufacture				Commercial - University of Melbourne to the North.	✓	✓		✓	✓					✓		✓						
South		Commercial and industrial, with residential				Commercial and Industrial mixture - Doherty Institute (University of Melbourne), Link or Welding Supplies, Ford Servicing and Garage Café.	✓	✓	✓	✓	✓	✓		✓		✓		✓						
West		Commercial and industrial, with residential				Commercial - Royal Melbourne Hospital	✓		✓	✓	✓	✓												

Precinct	Onsite- Historical use/ activities	Offsite- Historical use/activities	Current land use/activities - Onsite	GQRUZ within The Site or Off-site Assessment Area	Likely near surface Geology	Observations made during site walk over	Identified former and current industries present at Site or within Offsite Assessment Area (refer to list at the base of this table for associated potential contaminants of interest)																		
							Fill	General Industrial	Motor Garage	Service Station	Drycleaner & Dyers	Electroplaters & Enamellers	Brewery	Foundries	Tanneries	General Manufacturers	Gas Works	Textiles	Brick Works	Quarrying and Extractive Industries	Railway	Hospital	Schools and/or recreational open space
CBD North Station																									
North	Industrial and commercial use, including various factories. Swanston St roadway and tram line. Some residential.	Industrial, including Carlton Brewery, Coach factory, Forge, Flour Mill.	Swanston St and tramway. RMIt University Buildings. Melbourne baths (indoor swimming and sports facilities, commercial businesses.	64057-7 - GQRUZ . Groundwater impacts volatiles including TCE.	Sud	Commerical and Residential/Open space - RMIT, Queensberry Hotel, Carlton United Breweries, Vacant Construction Site, Vacant Building.	✓	✓	✓	✓	✓		✓			✓		✓							
East		Commercial, industrial, University and residential				Commercial - Melbourne Baths and RMIT University.		✓	✓	✓	✓	✓						✓							
South		Predominantly industrial and commercial				Commercial - shops and RMIT University.	✓	✓		✓	✓							✓							
West		Industrial and commercial				Commercial and Residential/Open Space - Audi Car Dealership, RMIT University. Recreation Sports Courts.	✓	✓	✓	✓	✓	✓				✓		✓		✓					

Precinct	Onsite- Historical use/ activities	Offsite- Historical use/activities	Current land use/activities - Onsite	GQRUZ within The Site or Off-site Assessment Area	Likely near surface Geology	Observations made during site walk over	Identified former and current industries present at Site or within Offsite Assessment Area (refer to list at the base of this table for associated potential contaminants of interest)																		
							Fill	General Industrial	Motor Garage	Service Station	Drycleaner & Dyers	Electroplaters & Enamellers	Brewery	Foundries	Tanneries	General Manufacturers	Gas Works	Textiles	Brick Works	Quarrying and Extractive Industries	Railway	Hospital	Schools and/or recreational open space
CBD South Station																									
North	Commercial and light industrial use including a jam factory. Swanston St and tram way.	commercial including warehouses and clothes shops. Light industrial including printing office.	Commercial, public paved open spaces, Swanston St and tram line.	No GRUZ within 500 m of station	Sud	Commercial - Shops.	✓	✓		✓	✓	✓						✓					
East		Predominantly commercial, public areas including St Pauls Cathedral				Commercial - St Paul's Cathedral, Brunettis.	✓	✓	✓	✓	✓							✓					
South		Commercial, industrial and public open space including Federation Square, Flinders St Station and the Yarra river.				Commercial - Flinders Street Station and Federation Square.	✓	✓		✓	✓												
West		Commercial and light industrial.				Commercial - shops Young and Jackson's pub.	✓	✓		✓	✓	✓					✓	✓					

Precinct	Onsite- Historical use/ activities	Offsite- Historical use/activities	Current land use/activities - Onsite	GQRUZ within The Site or Off-site Assessment Area	Likely near surface Geology	Observations made during site walk over	Identified former and current industries present at Site or within Offsite Assessment Area (refer to list at the base of this table for associated potential contaminants of interest)																	
							Fill	General Industrial	Motor Garage	Service Station	Drycleaner & Dyers	Electroplaters & Enamellers	Brewery	Foundries	Tanneries	General Manufacturers	Gas Works	Textiles	Brick Works	Quarrying and Extractive Industries	Railway	Hospital	Schools and/or recreational open space
Domain Station																								
North	St Kilda rd. and tramway. Commercial and schools/recreational areas.	Parks and recreational, commercial and residential	St Kilda rd. and tramway. Commercial and schools/recreational areas.	No GRUZ within 500 m of station	Tb	Commercial - Victoria Barracks. Residential/Open Space - Botannical Gardens.	✓			✓														✓
East		schools/education, residential and low commercial, light industrial.				Commercial - Melbourne Grammar School	✓		✓	✓														✓
South		Commercial and residential, light industrial				Commercial and Residential/Open Space - Apartment Blocks, Hotel, Oracle (business), Synagogue, Childcare Centre.	✓		✓	✓														✓
West		Commercial, light industrial and residential				Commercial and Residential/Open Space - Apartment blocks and office buildings.	✓		✓	✓	✓													✓

Precinct	Onsite- Historical use/ activities	Offsite- Historical use/activities	Current land use/activities - Onsite	GQRUZ within The Site or Off-site Assessment Area	Likely near surface Geology	Observations made during site walk over	Identified former and current industries present at Site or within Offsite Assessment Area (refer to list at the base of this table for associated potential contaminants of interest)																	
							Fill	General Industrial	Motor Garage	Service Station	Drycleaner & Dyers	Electroplaters & Enamellers	Brewery	Foundries	Tanneries	General Manufacturers	Gas Works	Textiles	Brick Works	Quarrying and Extractive Industries	Railway	Hospital	Schools and/or recreational open space
Eastern																								
North	Parks and recreational use (including tennis courts). Development of the rail corridor has included excavation and cuttings of 4 to 8 m below the former ground surface. Laydown and storage of railway materials.	Former post office, former fire brigade and air trench near, Corner of Toorak Rd and Osborn St	Railway corridor, park land (South Yarra Siding Reserve). Surrounded by low to high density residential use with some commercial premises	Several GQRUZ within approximately 250 m SE of the Eastern Portal. LNAPL and other impacts present. Groundwater impacts also present at Audited sites north of Toorak Rd, contaminants include nitrates and manganese.	Tb	No site walkvover undertaken in this area.	✓		✓	✓	✓											✓		✓
East		Low to high density residential and commercial uses					✓		✓	✓	✓										✓		
South		Low to high density residential and commercial uses					✓		✓	✓	✓							✓			✓		
West		Brighton Railway line, Osborne St, low to high density residential and commercial uses					✓		✓	✓	✓										✓		

Precinct	Onsite- Historical use/ activities	Offsite- Historical use/activities	Current land use/activities - Onsite	GQRUZ within The Site or Off-site Assessment Area	Likely near surface Geology	Observations made during site walk over	Identified former and current industries present at Site or within Offsite Assessment Area (refer to list at the base of this table for associated potential contaminants of interest)																	
							Fill	General Industrial	Motor Garage	Service Station	Drycleaner & Dyers	Electroplaters & Enamellers	Brewery	Foundries	Tanneries	General Manufacturers	Gas Works	Textiles	Brick Works	Quarrying and Extractive Industries	Railway	Hospital	Schools and/or recreational open space
Alignment																								
Tunnelled Sections	The tunnelled sectiion will come close to some current underground infrustruce including the University Square ground car par, east of Parkville station. City Link Domain Tunnel	Industrial, commercial, resdinetial and recreational uses.	Industrial, commercial, residential and recreational uses.		Fill, Qc, Tov, Sud, Tb	Mxture between commerical, commerical and residential, and Residential/Open space land uses. East of Arden Station the new alignment has the tunnel going underneath an existing Caltex Service Station.	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Section crossing the Yarra	The land on the south side of the crossing was swamp land and has been reclaimed, with both northern and	Since 1854 the area to the north of the crossing has been part of Flinders Street Station and used as a rail corridor, rail siding and maintenance yard. The	River, used as active transport corridoor.		Recent Silt, Qc	Dominated by commercial land uses - in particular existing Flinders Street Station.	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓					✓

Data sourced from review of completed Statutory Environmental Audits for sites within and in the vicinity of the Precincts, review of historic aerial photographs and maps (Melbourne Metropolitan Board of Works (MMBW), Melways and published books (refer to main report for a full list of references). Known former and current industries sourced from review of historical bussiness directories (method and limitations described in report).

Precinct	Onsite- Historical use/ activities	Offsite- Historical use/activities	Current land use/activities - Onsite	GQRUZ within The Site or Off-site Assessment Area	Likely near surface Geology	Observations made during site walk over	Identified former and current industries present at Site or within Offsite Assessment Area (refer to list at the base of this table for associated potential contaminants of interest)																		
							Fill	General Industrial	Motor Garage	Service Station	Drycleaner & Dyers	Electroplaters & Enamellers	Brewery	Foundries	Tanneries	General Manufacturers	Gas Works	Textiles	Brick Works	Quarrying and Extractive Industries	Railway	Hospital	Schools and/or recreational open space

Fill:

- Heavy metals (As, Cd, Cu, Cr, Hg, Pb, Ni, Zn) and potentially cyanide
- Polycyclic aromatic hydrocarbons (PAHs)
- Petroleum hydrocarbons (total petroleum hydrocarbons (TPH), monocyclic aromatic hydrocarbons (MAHs) and phenols
- Pesticides / herbicides associated with spraying of weeds and pests
- Asbestos associated with the construction and demolition of existing and former buildings

General Industrial sites:

- Heavy metals (As, Cd, Cu, Cr, Hg, Pb, Ni, Zn) and metalloid associated with imported fill and various industrial waste streams (e.g. foundries and other metal works, timber works, paint works, printing works etc.).
- Polycyclic aromatic hydrocarbons (PAHs) associated with imported fill, use and storage of fuels and oils and various industrial waste streams.
- Petroleum hydrocarbons (total petroleum hydrocarbons (TPH), monocyclic aromatic hydrocarbons (MAHs) and phenols associated with the use and storage of fuels and oils and various industrial waste streams.
- Solvents (non-chlorinated solvents (e.g. kerosene, petroleum ether, white spirit, turpentine, phenol,
- Polychlorinated biphenyls (PCBs) associated with substations.

Motor garages and Service Stations

- Those potential contaminants of interest listed for General Industries

Dry cleaning and Dyers

- Those potential contaminants of interest listed for General Industries and in particular PCE

Electroplating and Enammers

- Those potential contaminants of interest listed for General Industries.

Brewery

- Those potential contaminants of interest listed for General Industries and ethanol, methanol and esters.

Tanneries

- Those potential contaminants of interest listed for General Industries in particular, chromium, manganese, aluminium, ammonium sulfate, ammonia, ammonium nitrate, arsenic phenolics, formaldehyde, sulfide and tanning acid.

Waste Industries including Former Landfill

- Those potential contaminants of interest listed for General Industries and methane and hydrogen sulphide and other landfill gasses associated with landfill sites

General Manufacturers

- Those potential contaminants of interest listed for General Industries

Gas Works

- Those potential contaminants of interest listed for General Industries including cyanide.

Textiles

- Those potential contaminants of interest listed for General Industries

Quarrying and Extractive Industries

- Those potential contaminants of interest listed for General Industries, and if backfilled, potential contaminants listed within the fill and waste industries sections.

Railway sidings, maintenance

- Those potential contaminants of interest listed for General Industries in particular, hydrocarbons, arsenic, phenolics (creosote), heavy metals, nitrates and ammonia.

Concrete Productions

- Those potential contaminants of interest listed for General Industries and high alkalinity (lime)

Hospitals

- Those potential contaminants of interest listed for General Industries, medical waste and pharmaceuticals

Schools and or recreational open space

- Those potential contaminants of interest listed for Fill

APPENDIX B4VII
Summary of Historical use of PFCs

PFCs are non-biodegradable chemicals that are highly persistent in the environment, can bio accumulate, and can be harmful to animal and human health. There are currently no formally recognised investigation levels for PFCs in soil, groundwater or surface water in Australia.

A brief online search indicates using foam to extinguish oil fires was first developed in 1902, by use of sodium bicarbonate and aluminium sulphate with small amounts of saponin (a plant based compound) or liquorice added as a stabiliser. In the 1940s, chemical foams were superseded by protein based foams containing a soy protein mixed with water. In the 1960s a 'fluoroprotein' foam was introduced which contained a fluorinated surfactant. This was followed by the development of synthetic AFFF in the mid-1960s. Perfluorooctanesulfonic acid (PFOS) is a specific PFC and was added to the Stockholm Convention on Persistent Organic Pollutants in May 2009.

Currently there is no publically available database with recorded historical fires or PFC use within Melbourne.

As there are currently no criteria available for classification of PFCs contaminated soil for off-site disposal to landfill in Victoria, soil containing PFCs is a Prescribed Industrial Waste that cannot currently be sent to landfill. However, assessment of PFCs is not undertaken unless it has been identified as a potential contaminant of concern.

Property specific information about the type and nature of operations and specific processes and chemical uses was not assessed and as such the extent of applicability of the identified contaminants of interest has not been ascertained.

APPENDIX B5

West Footscray Preliminary Site Investigation

B5 1.0 INTRODUCTION

The Melbourne Metropolitan Rail Project (Melbourne Metro) is a proposed new twin rail tunnel approximately 9 km in length between Kensington in the west and South Yarra in the east. The proposed MMRP alignment will connect into the existing rail network near South Kensington station, run beneath North Melbourne and Parkville, then continue south beneath Swanston Street, under the Yarra River, south and beneath St Kilda Road, then East beneath Toorak Road and Fawkner Park. The alignment connects to the existing rail network at South Yarra.

In general accordance with recommendations within the National Environment Protection (Assessment of Site Contamination) Measure (NEPM) 1999[1], a Preliminary Site Investigation (PSI) comprising a site history review (without an intrusive assessment) has been undertaken to assist in understanding the environmental condition within the Western Turnback.

This site history report comprises a summary of historical activities which have occurred within and surrounding the Western Turnback site of West Footscray and the potential contaminants of interest associated with these types of activities/historical land uses. This site history report has focussed on historical activities with potential to cause contamination to soil, groundwater and soil vapours.

B5 1.1 Objectives

The objectives of this PSI are to identify:

- Potential contamination sources, nature of contamination and affected media;
- Preliminary desktop assessment of the risks with respect to proposed development and recommendations for further investigation (if required).

B5 1.2 Background

It is understood that alterations to the Melbourne Metro Western Turnback site at West Footscray will include construction of a third platform and track within the station grounds and reconfiguration of the lines between Albion and Sunshine station.

According to the MMRP Project Description (September 2015) these works would involve the following:

- Realigning regional, suburban and freight lines
- Construction of new track and turnouts
- Construction of a new passenger platform and alterations to the existing Concourse

Establishing the site for the purpose of the Western Turnback is expected to involve:

- Limited excavation of fill, soil and rock (collectively referred to as “spoil”)
- Offsite disposal of excavated spoil
- Construction of above ground infrastructure

An understanding of the potential presence of contamination within the site boundaries is integral to plan appropriate management of spoil, groundwater and soil vapours.

In accordance with the NEPM the assessment area extends approximately 500 m from the site boundaries.

[1] As amended in 2013

B5 2.0 METHODOLOGY

B5 2.1 Information Sources

A number of sources of information were reviewed as part of the PSI which are summarised in Appendix B5II of this report, and outlined below:

- Planning Maps
- Aerial Photographs
- Environmental Audit reports
- Priority Sites register
- EPA register of *groundwater quality restricted use zone*" (GQRUZ)
- Melbourne Water Base Plans (MWBP)
- Street Directories
- Publically available directories (including yellow pages, Urban Business Directory and Sands and McDougal directory
- Groundwater Bore Register - Visualising Victoria's Groundwater

Although various Consultant reports pertaining to surrounding sites are known to exist, only those publically available documents and original sources of historical information have been referenced.

B5 2.2 Data Extraction and Compilation Methods

Using the information from the sources described above, maps have been developed to spatially display the location of historical "potential sources of contamination" within the assessment area, Figures B5I-1–4. Figure B5I-4 in Appendix B5I summarises this information by highlighting the areas or potential sources of note.

B5 3.0 SITE DETAILS

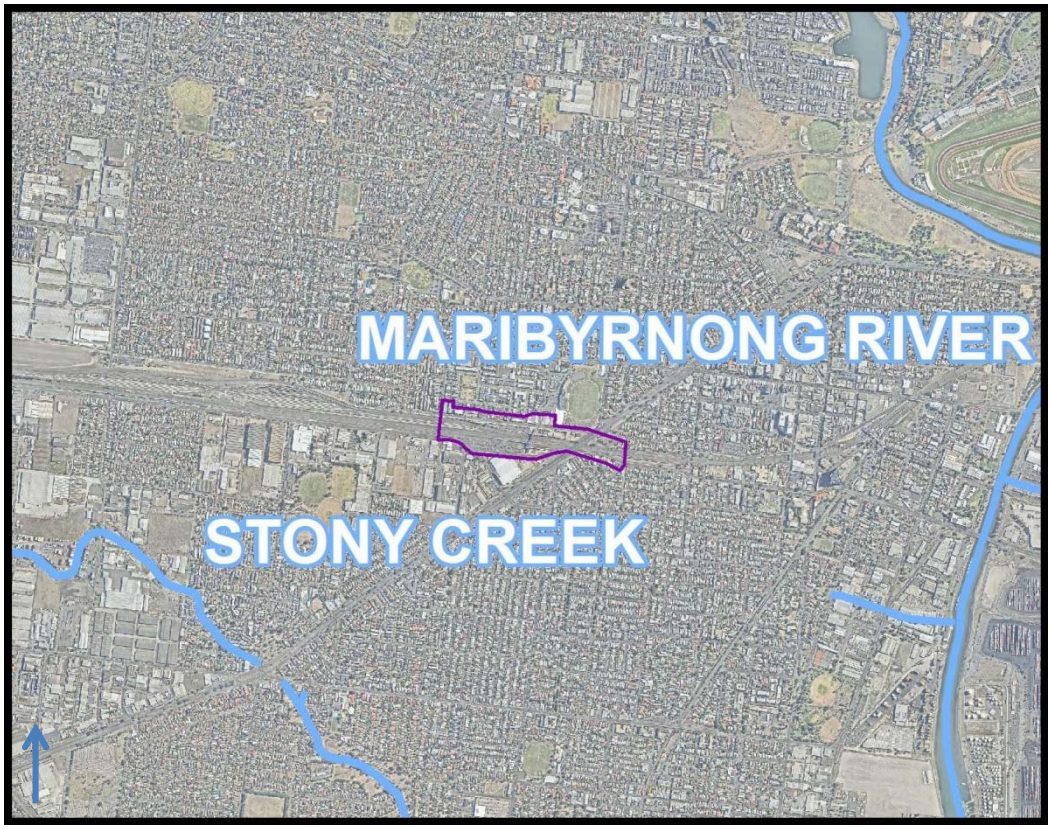
A summary of the site's physical and environmental setting is provided in Table B5I.

Table B5I Summary of Site Details

	WEST FOOTSCRAY STATION PRECINCT
PHYSICAL SETTING	
Address	West Footscray station Precinct, between Cross Street and Sunshine Road, straddling Geelong Road
Location	Approximately five kilometres west of Melbourne's central business district
Site Area	Approximately 15 hectares
Council	Maribyrnong City Council
Zoning	The rail easement is zoned Public Use Zone – Transport; area immediately south of the easement is zoned Industrial 1 Zone although abuts general residential zones; area to the north of the easement is dominated by General Residential (GRZ1) with small pockets of Commercial and Mixed Use zones. A block of Special Use Zone exists at the intersection of Cross Street and Geelong Road; a large area of Activity Centre Zone is located east of Geelong Road.
Overlays	The rail easement is covered by a Develop Plan and Design and Development Part overlays. Areas in and outside the site boundary include Land Subject to Inundation Overlays. An area of Environmental Audit Overlay exists in the now predominantly residential blocks to the north of the easement, south of Barkly Street, between Warleigh Road and Hocking Street. Another smaller EOA exists east of Hocking Street. Five areas subject to West Footscray Heritage Overlay are in the vicinity of the site boundaries namely, ■ Angliss and Queensville estates (residential architecture), HO1 and HO8 ■ Former Southern Can Company 1939 (later Dimmeys), HO127 ■ Graham Campbell Ferrum (foundry) early 1900s, HO128 ■ Hopkins Odlum (belting manufacture) 1890, HO129 ■ Creamota (grain mill) 1940, HO159

	WEST FOOTSCRAY STATION PRECINCT
General Site Description and Current Land Use	The site encompasses the station building on two platforms and 120 vehicle car parks. Refer to Figure B5I depicting the assessment area boundaries. West Footscray is on the Sunbury Rail Line. Rail sidings once connected the belting manufacturing site (current day Bunnings Warehouse); a quarry south of the line (likely the current day Sita Coaches site) and to the wool store west of Roberts Road (Goldsbrough Mort and Australian Estate). A pedestrian footbridge links Sunshine Road and Cross Street.
Current surrounding land use	
North	Dominated by medium density residential development.
East	Residential estates surround Whitton Oval and the Activity Centre Overlay area which incorporates various schools, community facilities and increased density housing.
South	Current and historic industrial land uses dominate the area to the south of the West Footscray Rail precinct. Pockets of residential surround these older style medium to broad acre industrial subdivision.
West	Mixed residential, commercial and public open space exists to the west of the site. Industrial occupation and zoning decreases significantly west of the rail easement.

Environmental Setting

Topography	Topography of the site is relatively flat, ranging from approximately 22.6 to 25.4m AHD. The site gradually slopes downwards to the east.
Nearby Surface Water Bodies	The Maribyrnong River is located to the east of the site, approximately 1.5km from the West Footscray Western Turnback Precinct.  Not to scale
Regional Geology	Based on a review of the Geological Survey of Victoria Melbourne Map Sheet (1:63,360) the site is likely to be underlain by olivine basalts of the Newer Volcanics unit. The basalts of this unit are coarsely vesicular with minor interbedded silty sands and metamorphosed soils. The Newer Volcanics basalt generally consist of multiple layers of basaltic lava that range from 0.5m to 10m thick. In general, the Newer Volcanics are predominantly comprised of olivine-rich basalt with fractures and columnar jointing. Underlying the basalt are Tertiary age Brighton Group sediments which overly the Middle Tertiary aged Fyansford Formation, Middle to Lower Tertiary aged Older Volcanics and the Silurian aged Dargile Formation (mudstones, siltstones and sandstones).
Regional Hydrogeology	Uppermost aquifer is the Newer Volcanics Aquifer (unconfined). Deeper aquifers are confined to semi confined. Groundwater occurs between the contact zones of the basaltic flows. The interbedded clay and siltstone layers between the basaltic flows act as aquitards.
Groundwater Segment	A review of DEPI Groundwater Resource Report for the site (DEPI, 2015) indicates the groundwater in the vicinity of the site is likely to be classified as Segment B, with a total dissolved solids (TDS) range of 1,001 – 3,500 mg/L as defined by the State Environment Protection Policy (SEPP) Groundwaters of Victoria.

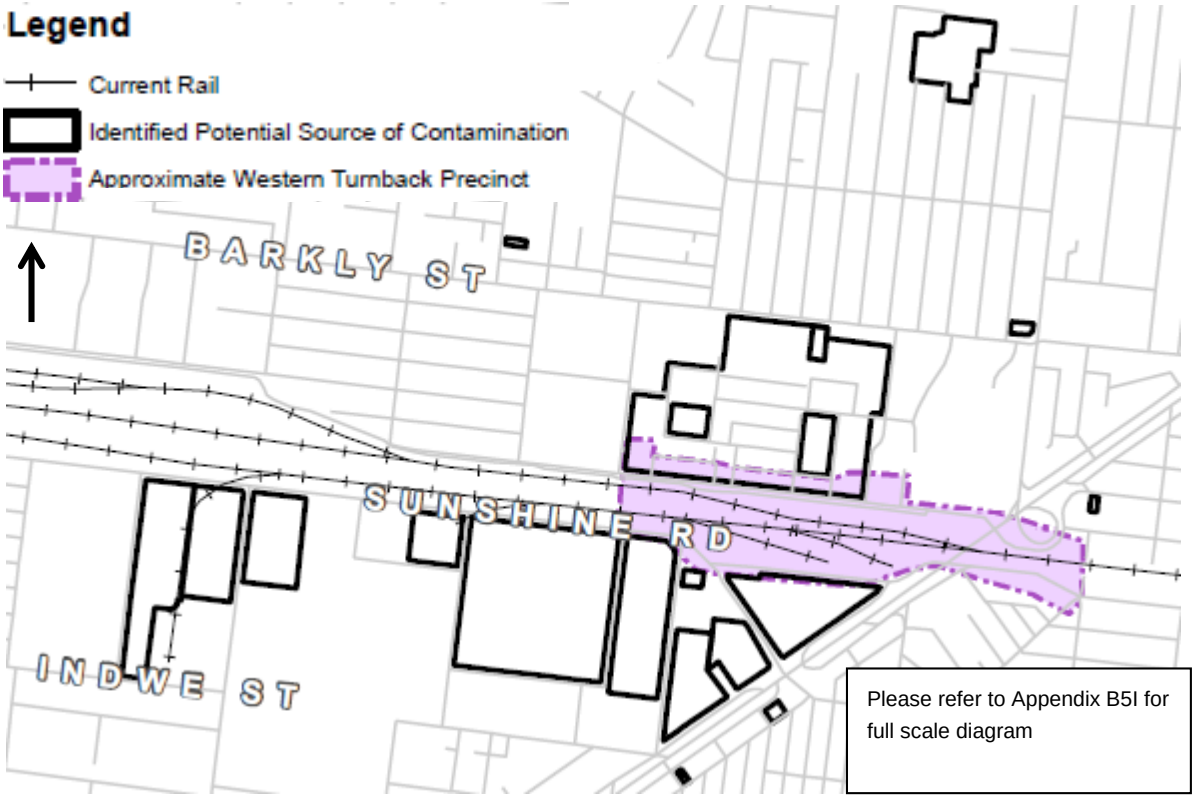
Regional Groundwater Use	A search of the DEPI Water Measurement Information System (WMIS) indicates that there are 36 registered groundwater bores within approximately 500 m of the extent of the assessed area. The bores are registered for the following purposes: ■ 30 wells for observation or investigation ■ 6 wells for an unknown use
Inferred Groundwater Flow	The inferred regional groundwater flow direction is likely to be north east to south east, towards the Maribyrnong River.

B5 4.0 FINDINGS

B5 4.1 Site History

Please refer to Appendix B5I for more detail on site configuration and surrounding land use. Features on site or immediately adjacent to the site boundary are indicated in the following text with the **symbol ♦, and marked in bold.**

Footscray West station opened in 1888 but was renamed ♦ **West Footscray station** in 1912, coinciding with the opening of the West Footscray post office. The station building was rebuilt and moved 200 m west in 2013. It is located on the Sunbury Line with the South Kensington – West Footscray freight line (Melbourne to Sydney) comprising two dual gauge tracks north of the station. It is understood that rail sidings once connected the ♦ **Schult and Barrie chaff mill**, directly south of the station.



Please refer to Appendix B5I for full scale diagram

Industrialisation of the Footscray region occurred in the late 1800s, focusing on the Maribyrnong River which was used for transport and waste disposal. Large industry was establish further afield with ♦ **Hopkins Odlum/**Apex Belting manufacturers and Graham Campbell Ferrum foundry opening in 1890 – the earliest identified industries within the vicinity of the site. Also early in the area's development was ♦ **Mitchell and Company** agricultural implement makers which opened in 1907; the ♦ **Kynock Explosives** factory in 1911; and the ♦ **Schult and Barrie Chaff Mill** in 1917.

It appears that a surge in development occurred in the 1930s – 40s when Goldsborough Mort and the Australian Estate wool stores, ♦ **Olympic Tyre and Rubber** and ♦ **Creamota** grain mill commenced operation.

The main entrance building to the former Olympic Tyre and Rubber factory at 64 Cross Street has been incorporated into the current residential development. The original factory expanded over several decades and by 1975 the operation occupied Cross Street between Warleigh Road and Hocking Street, and most of the block north to Barkly Street. This expansion saw other industrial sites including the Australian Woollen Mills, Mitchell and Company, Baltic Simplex Machine Company, Horwood Bashaw and Havey D agricultural implement manufacturers absorbed into the factory boundaries. Tyre manufacture continued in Cross Street until 2001. Three statutory environmental audits were undertaken prior to redevelopment namely:

- 56 – 88 (68) Cross Street EPA Reference CARMS 52804-1, 2006
- 12 – 36 Cross Street EPA Reference CARMS 52806-1, 2006
- 32 – 54 Cross Street EPA Reference CARMS 63188-1, 2010.

It is noted that a chlorinated solvent plume in groundwater was reported in the 2006 audits and although there was some complexity to the groundwater flow regime, it appears the plume was migrating easterly, parallel to the site not towards it.

During 1945 the former Hopkins Odlum belting building, then occupied by Forges drapery (Dimmeys) caught fire. The building façade fronts Geelong Road, in front of Bunnings Warehouse, and is listed on the Heritage Victoria register. Graham Campbell Ferrum remains in operation on the site to the south.

♦ **Whitton Oval** is located on a former stone quarry utilised by the railways between 1860 and 1866 when it was reserved for public open space and botanical gardens. An Environmental Audit of the site 24 Dongola Road reported landfill waste at the southern end of the audit area. The Auditor suggests this extends beneath the existing residential area (EPA Victoria, audit reference CALM 48401-1). This area may be associated with former quarries beneath the Kevin Shorten and Martin Reserves to the south of Essex Street.

Significant quarrying was evident south of Sunshine Road in the mid-1930s. The Hansen Reserve quarry had been partially infilled by 1945 and the remainder by the mid-1960s. The site of the current day Sita Coaches Depot, former Kynock Explosives Factory and Nobels Ammunitions Works (MMBW, 1928) was also extensively quarried, as was the area east of Darwin Street and Graingers Road, current day Central West Motors and Melbourne Museum of Printing. The source of fill material for these quarries was not established however, the use of municipal and /or industrial waste cannot be discounted.

It is understood that Council landfills were located on the Corner of Essex Road and Blandford Street and at the end of Southampton Street adjacent to the Western Private Hospital car park.

The site at 1 Graingers Road (south of the site boundary) is listed on the EPA Victoria Priority Sites Register as a current chemical storage facility requiring assessment and/or clean up.

B5 4.2 Site Walkover

Golder undertook a site walkover on 16 October 2015. The site layout and infrastructure recorded during the site visit is summarised in Table B5I-3. Observations are presented in Figure B5I-3 to B5I4 in Appendix B5I.

Table B5II: Site Observations

Site Features

Name	*Description*
Residential Land use	■ A large portion of the northern, eastern and south eastern section of the site is made up of residential buildings.
Commercial Land use	■ North west – Olympic Tyre and Rubber Company Heritage façade to residential estate. ■ North – Christian Fellowship and Central Australian College. ■ North east – Furniture Storage and Rotary Club. There is also a substation for the rail line.
Industrial Land Use	■ No industrial land use falls within the site boundary.

Surrounding features

Name	*Description*
Residential Land use	■ A large portion of the northern, eastern and south areas surrounding the site are predominantly residential land use.
Commercial Land use	■ Commercial land use is dispersed north of the site, south of the site and to the south west of the site. ■ This includes Bunnings Warehouse, Sita Coaches and a few car sales yards.
Industrial Land Use	■ South of the site is Wattyl Paints, Graham Campbell Ferrum Co., Ferner & Dunlop and Southern Can Company. ■ South east – Pampas, Uncle Toby's, Cement Australia West Footscray and Graincorp.

B5 4.3 Summary of Potential Contamination Issues

The site history review provided information on potential land uses and activities at the site and within the vicinity of the site that may be sources of potential contamination. The following table presents an evaluation of identified potential sources of contamination, the potential contaminants that may be associated with these sources and provides a relative ranking for each item with respect to potential contamination to various media within the site. The ratings are not intended to infer severity or extent of impact; rather, it is intended to indicate the potential for the contamination issues that may exist at the identified source to impact soil, soil vapour or groundwater on site and hence affect project schedule or cost.

The ratings are defined as follows:

- Low - Unlikely to present a potential contamination issue to the proposed Melbourne Metro construction or operation.
- Medium - Possibly present a potential contamination issue to the proposed Melbourne Metro construction or operation.
- High - Presents a likely contamination issue to the proposed Melbourne Metro construction or operation.

Table B5III: Summary of Potential Sources, Contaminants and Likelihood of Impact to Site Use

Features on site or immediately adjacent to the site boundary are indicated with ♦

Areas of Potential Issues/ Sources of Contamination	Potential Contaminants[1]	Potential for impact onsite: Soil	Ground -water	Soil Vapour
Rail related sources				
♦ **Long term rail use:** Impact resulting from train stabling, routine maintenance works, weed control (traditionally arsenic), historical ash dumping, and also a substation for the rail line.	Metals (particularly As), TPH, PAH & PCB	Medium	Low	Low
♦ **Imported fill:** unknown sources fill used to landscape or contour surface.	Metals, TPH, PAH, asbestos	Medium	Low	Low
Non rail sources				
♦ **Surrounding stone quarries:** quarrying began in the mid to late 1800s and continued until the mid-1900s. Filling of these quarries is likely to have involved waste disposal from surrounding industry.	Metals, TPH, PAH, SVOCs, VOCs, nitrate, phosphates and OCP, OPP	Medium	High	Medium
Woollen mills, and store houses: scouring, carding and spinning of raw fleece may have involved chemical washes, burial of waste.	SVOCs, VOCS, metals, OCP, OPP	Low	Medium	Low
♦ **Agricultural implement manufacture:** Mitchell and Company, Basaltic Simplex Machine Company, Horwood Bagshaw and Harvey D manufactured metal implements including forged steel and painted products. The sites of these operations were eventually encompassed by the Olympic Tyre and Rubber site.	pH, metals, TPH, MAH, PAH, solvents, degreasers	Low	Medium	Medium
Surrounding service stations and garages: Multiple premises have been identified within the vicinity of the site although not within the site boundary. The majority of service stations are located along Barkly Street and Geelong Road. The closest service station is on Barkly Street where it has been in operation since at least the 1960s. Long term storage and handling of fuel increases the risk of impact to soil, groundwater and soil vapour. However considering the considerable distance from the site the likelihood of impact is considered relatively low.	TPH, MAH, PAH, solvents, degreasers	Low	Low	Low
Surrounding drycleaners: Several dry cleaning agents or processing facilities have existed in the vicinity of the precinct. The closest operation identified is Deluxe Dry Cleaners on Barkley Street, north of the site boundary. It has been in operation at this site since 2001. However considering the drycleaners identified are inferred to be located hydraulically down gradient and considerable distance from the site, the likelihood of impact is considered relatively low.	SVOC, VOCs, chlorinated solvents, PAH, MAH	Low	Low	Low
Former Council Depots: Two council landfills (Southampton Street and Corner Essex and Blandford Roads) are reported to have existed north of the precinct. It is assumed that these locations are filled, former quarries. 41 – 49 Robbs Road is a	Metals, asbestos, chlorinated solvents, metals,	Low	Low	Low

Features on site or immediately adjacent to the site boundary are indicated with ♦

Areas of Potential Issues/ Sources of Contamination	Potential Contaminants[1]	Potential for impact onsite: Soil	Ground -water	Soil Vapour
former Council depot that was subject to Statutory Environmental Audit. Assessment identified chlorinated solvents in groundwater and required ongoing vapour and groundwater management during and post development of the site. The depot sites are considered a low impact potential because of the long distance from the site.	PAH			
♦ **Olympic Tyres and Rubber:** The site occupied by this operation expanded over time. Various metal works sites including National Forge and the agricultural implement manufacturers listed above were included within the boundary. Various Statutory Environmental Audits have been undertaken on different sections of the former tyre manufacturing site. Although the site has been redeveloped for medium density residential and is considered suitable for this use, access to soil and extraction of groundwater is restricted predominantly as a result of chlorinated solvent pollution.	Metals, solvents, TPH, PAH, MAH, SVOCs, VOCs	Low	Medium	Medium

[1] *TPH – total petroleum hydrocarbons* *MAH – monocyclic aromatic hydrocarbons*
SVOC – semi volatile organic compounds *PAH – polycyclic aromatic hydrocarbons*
VOC – volatile organic compounds *OCP – organochlorine pesticides*
OPP – organophosphorous pesticides *PFOA - perfluorooctanoic acid*
PCB – polychlorinated biphenyls *PFOS – perfluorooctanesulfonic acid or perfluorooctane sulfonate*

B5 5.0 DISCUSSION

The West Footscray Rail Precinct is in an area historically dominated by large scale, long term industry but is now characterised by broad scale commercial premises and residential living. Although onsite infrastructure and activities are considered to pose limited risk of significant contamination, the surrounding land use types and likely practices are considered to increase the risk of contamination to exist on the site.

B5 5.1 Potential Impact to Onsite Soil

Although soil contamination may have resulted from rail related activities and infrastructure on the site, this potential is considered limited as it is a passenger station and significant freight handling and rolling stock maintenance are not known to have occurred.

The various industrial sites in the vicinity are considered likely or are known to be contaminated to varying degrees. It is considered unlikely that contamination migration has occurred within the soil matrix to the Western Turnback site. There is however a potential that contaminated fill has been imported to the site for contouring or landscaping works. For this reason it is recommended that consideration be given to the cost and program implications spoil characterisation, transport and disposal may have on the project. In-situ characterisation of soil during planning phase, prior to construction may minimise disruption resulting from contaminated soil on site.

B5 5.2 Potential Impact to Onsite Groundwater

The potential for significant groundwater contamination to exist on site resulting from onsite sources or activities is considered limited. Migration of significant contamination in groundwater from the various industrial facilities north of the site is however possible. Of particular note are the numerous historical

quarries surrounding the site including hydraulically upgradient of the site (i.e. to the west). The infilling of these cavities is likely to have involved municipal and/or industrial waste. Chlorinated solvent contamination has been identified in groundwater to the north of the site; however the flow in this vicinity is reported to be towards the east, parallel to the rail precinct (EPA Victoria CARMS references 52806-1; 52806-2; 52804-1; 52804-2; 63188-1; 57701-1; and 61070-1).

It is understood that groundwater in the vicinity of the site is flowing predominantly east, towards the Maribyrnong River. It is however probable that the larger former quarries and their fill will impact localised groundwater dynamics. Flow anomalies and mounding in shallow or perched groundwater are considered likely.

If subsurface excavation is anticipated during site reconfiguration or construction, the potential for excavations to intercept contaminated groundwater should be considered. It is recommended that groundwater investigation within the site boundaries be undertaken prior to commencement if this scenario is adopted.

B5 5.3 Potential Impact to Onsite Soil Vapour

There are a number of offsite vapour sources including the former quarries and Olympic Tyre and Rubber sites.

If subsurface excavation or installation of subsurface infrastructure is intended, it is recommended that soil vapour investigation within the site boundaries be undertaken prior to commencement of works.

B5 6.0 CONCLUSIONS

Golder has undertaken a PSI without intrusive sampling of the Western Turnback West Footscray Rail Precinct as part of the preliminary Melbourne Metro works. Based on our findings, we conclude that:

- The potential for soil contamination resulting from other rail related activities and infrastructure on the site is considered likely to be limited in extent;
- Long term and varied historical industries have operated on sites adjacent to the rail precinct boundaries;
- Of note, the Olympic Tyre and Rubber factory expanded to eventually occupy the Cross Street frontage between Warleigh and Hocking Streets, engulfing various heavy industries within its boundaries. The factory has been subject to various Environmental Audits and redeveloped for medium residential purposes. It is noted however that significant soil remediation occurred and chlorinated solvents were reported to have impacted groundwater (EPA Victoria CARMS references 52804, 52806, 63188);
- Many of the surrounding sites were quarried in the late 1880s to mid-1900s. The proximity to manufacturing, industry and intermingled residences lends weight to the possibility of industrial and municipal waste infilling of these quarries.

On the assumption that reconfiguration and construction of the Western Turnback infrastructure will involve subsurface excavation, it is recommended that intrusive investigation of soil, groundwater and soil vapour be considered at the site during the planning phase of the project. Information obtained through this investigation could inform estimation of cost and schedule implications associated with the contamination status of the site.

B5 7.0 REFERENCES

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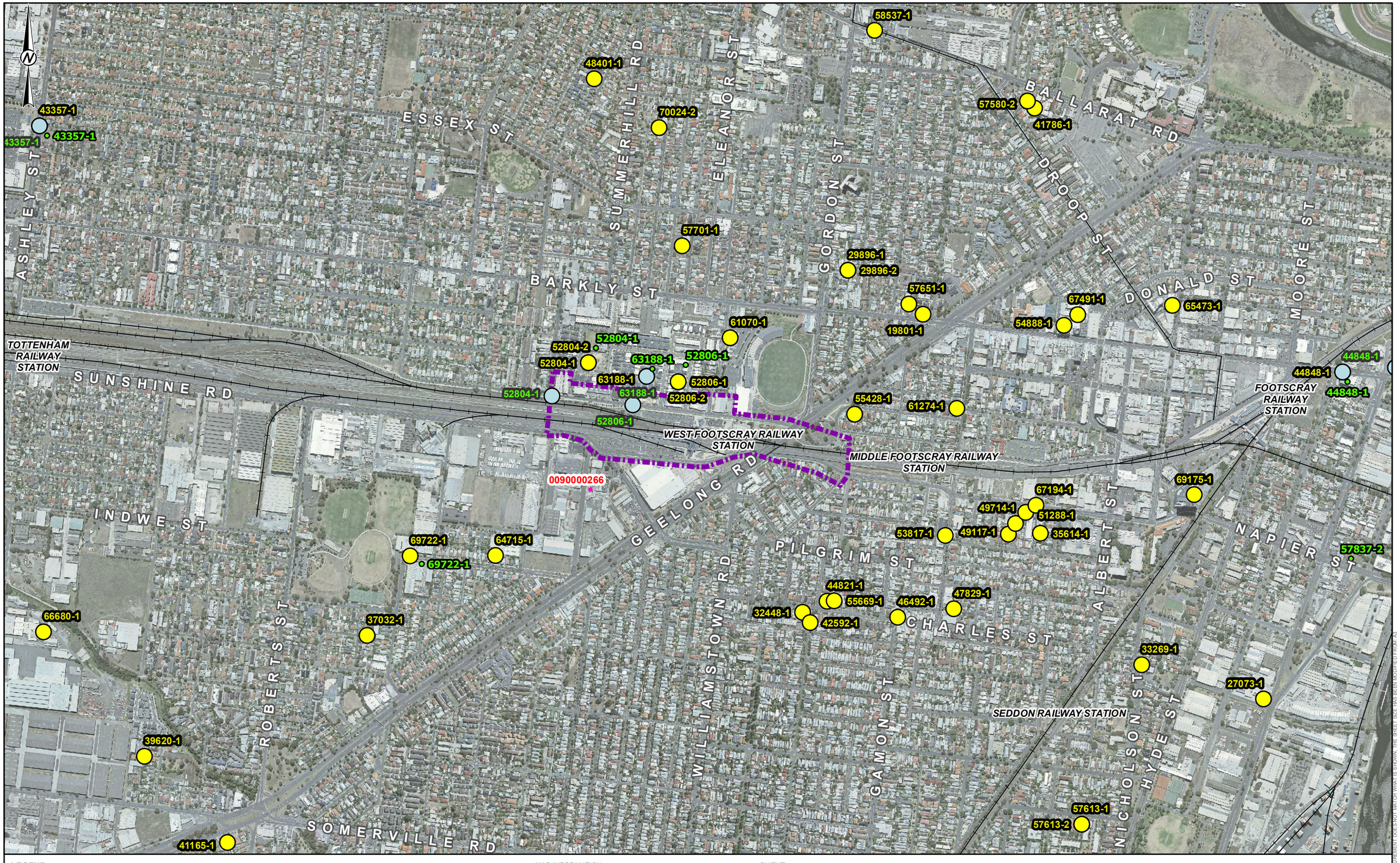
APPENDIX B5I

Figure B5I-1: Background Assessment: EPA Audits and Priority Sites

Figure B5I-2: State Groundwater Bores

Figure B5I-3: Background Assessment: Site Walkover Observations

Figure B5I-4: West Footscray Station Precinct, Surrounding Land Use and Potential Sources of Contamination



LEGEND

- EPA GQRUZ
- EPA GQRUZ (last update - 28 Jan 2014)
- 53X Audits (Last update - 1 Feb 2015)
- Priority Sites List
- Current Rail
- Approximate Western Turnback Precinct

MAP INFORMATION

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NOTES

1. Aerial imagery sourced from Public Transport Victoria, image resolution 10cm and date of capture February 2015.
2. Road and current rail information sourced from Victorian Government Data Directory 2015.

CLIENT
AJM JOINT VENTURE

PROJECT
MELBOURNE METRO RAIL PROJECT

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METRES

REFERENCE SCALE: 1:10,000 (at A3)

PROJECTION: GDA 1994 MGA Zone 55

TITLE
BACKGROUND ASSESSMENT: EPA AUDITS AND PRIORITY SITES

CONSULTANT
Golder Associates

YYYY-MM-DD	2016-04-07
PREPARED	JPH
DESIGN	-
REVIEW	CJW
APPROVED	CJW

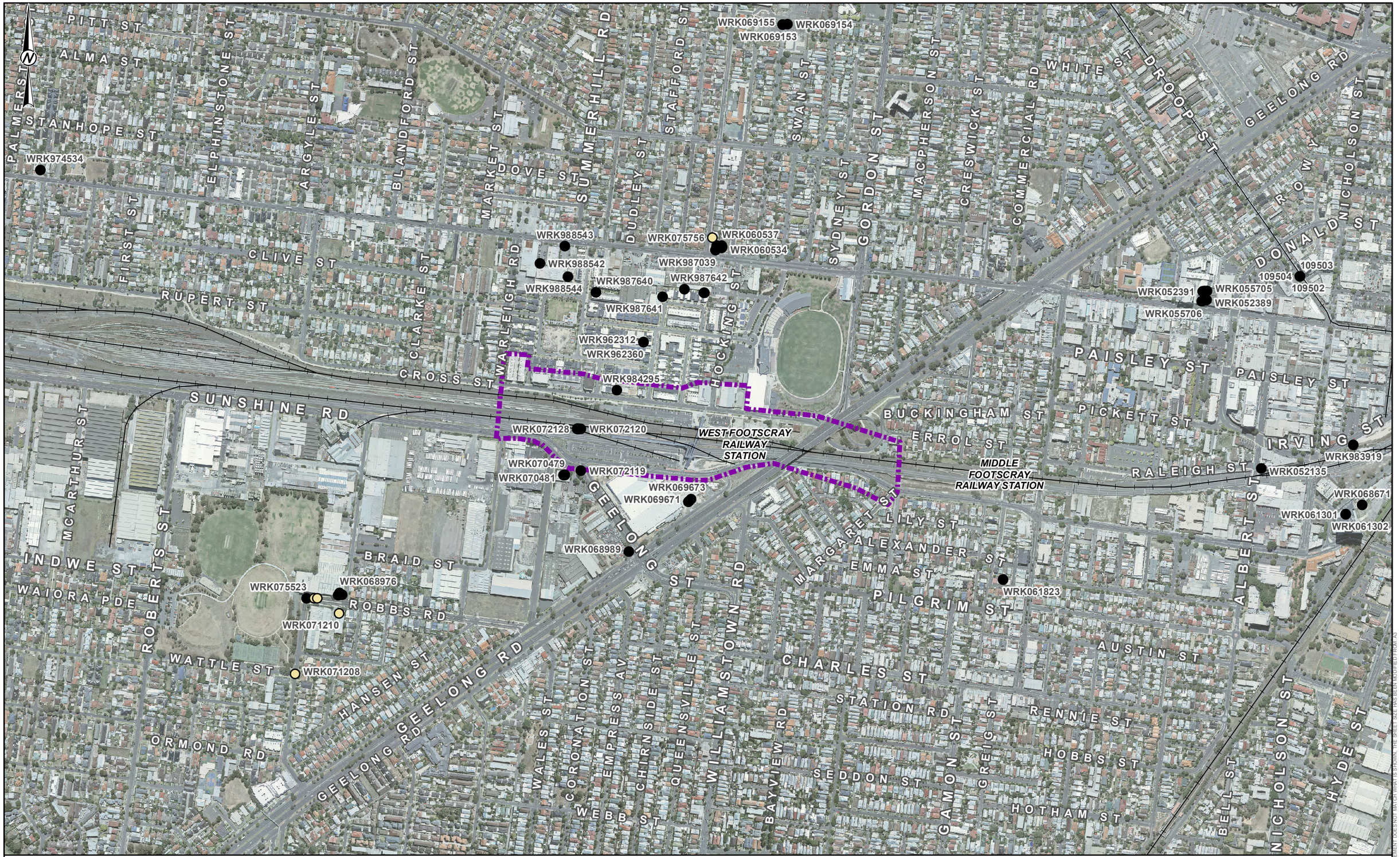
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LEGEND

Government Bores (Use)

- Unknown
- Observation

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2. Road and current rail information sourced from Victorian Government Data Directory 2015.
3. Government Bores sourced from Department of Environment and Primary Industries, 2015.

CLIENT
AJM JOINT VENTURE

PROJECT
MELBOURNE METRO RAIL PROJECT

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METRES

REFERENCE SCALE: 1:7,500 (at A3)

PROJECTION: GDA 1994 MGA Zone 55

TITLE
STATE GROUNDWATER BORES

CONSULTANT
Golder Associates

YYYY-MM-DD	2016-04-07
PREPARED	JPH
DESIGN	-
REVIEW	BM
APPROVED	CW

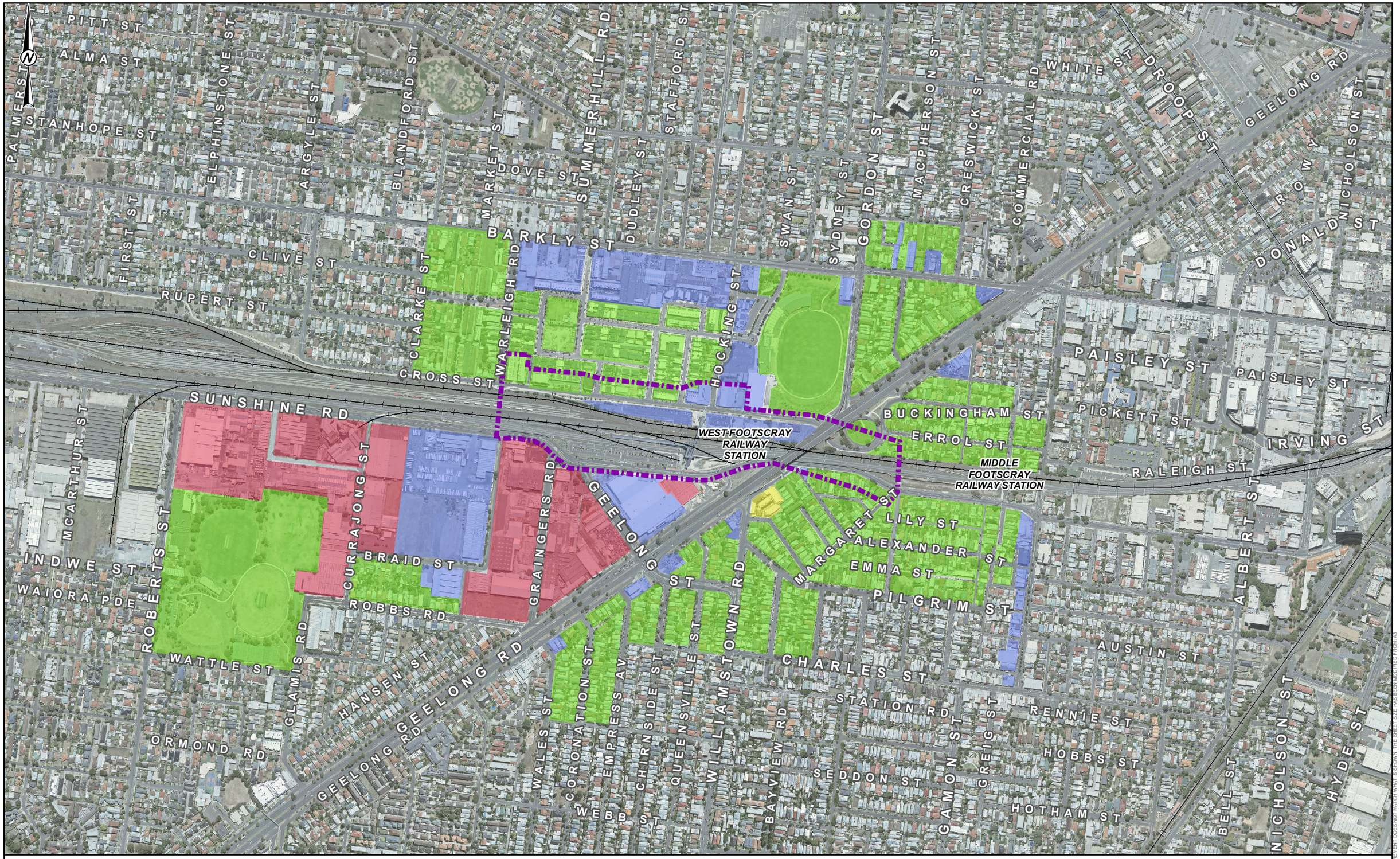
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LEGEND

- Current Rail
- Approximate Western Turnback Precinct

Site Walkover Observations

- Commercial
- Commercial and Residential
- Industrial
- Residential/Open Space

MAP INFORMATION

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NOTES

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2. Road and current rail information sourced from Victorian Government Data Directory 2015.

CLIENT
AJM JOINT VENTURE

PROJECT
MELBOURNE METRO RAIL PROJECT

0 50 100 150 200 250
METRES

REFERENCE SCALE: 1:7,500 (at A3)

PROJECTION: GDA 1994 MGA Zone 55

TITLE
BACKGROUND ASSESSMENT: SITE WALKOVER OBSERVATIONS

CONSULTANT
Golder Associates

YYYY-MM-DD	2016-04-07
PREPARED	JPH
DESIGN	-
REVIEW	BM
APPROVED	CW

PROJECT No. 1525532 | CONTROL 217-T | Rev. 2 | FIGURE **B5I-3**

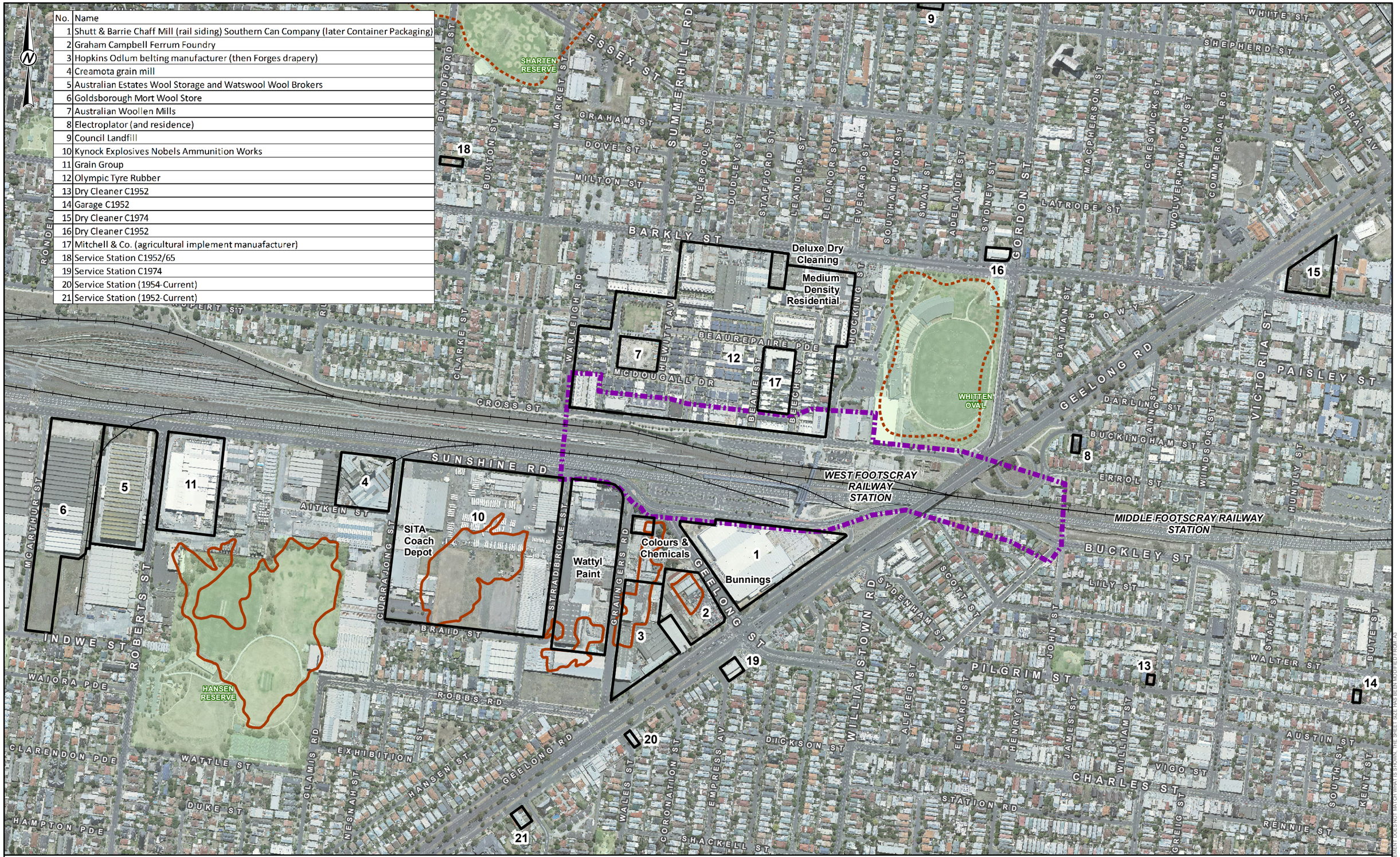
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No.	Name
1	Shutt & Barrie Chaff Mill (rail siding) Southern Can Company (later Container Packaging)
2	Graham Campbell Ferrum Foundry
3	Hopkins Odlum belting manufacturer (then Forges drapery)
4	Creamota grain mill
5	Australian Estates Wool Storage and Watswool Wool Brokers
6	Goldsborough Mort Wool Store
7	Australian Woollen Mills
8	Electroplator (and residence)
9	Council Landfill
10	Kynock Explosives Nobels Ammunition Works
11	Grain Group
12	Olympic Tyre Rubber
13	Dry Cleaner C1952
14	Garage C1952
15	Dry Cleaner C1974
16	Dry Cleaner C1952
17	Mitchell & Co. (agricultural implement manuafacturer)
18	Service Station C1952/65
19	Service Station C1974
20	Service Station (1954-Current)
21	Service Station (1952-Current)



LEGEND

- Current Rail
- Approximate Western Turnback Precinct
- Identified Quarry Location
- Inferred Quarry Location
- Identified Potential Source of Contamination (Ongoing Operation)



MAP INFORMATION

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NOTES

1. Aerial imagery sourced from Public Transport Victoria, image resolution 10cm and date of capture February 2015.
2. Road and current rail information sourced from Victorian Government Data Directory 2015.
3. Quarry information sourced from Melbourne Metropolitan Board of Works Plans.
4. The contaminant risk considered dominant is indicated only. All sites present a mix of various potential contaminants.

CLIENT
AJM JOINT VENTURE

PROJECT
MELBOURNE METRO RAIL PROJECT

0 50 100 150 200
METRES

REFERENCE SCALE: 1:6,000 (at A3)

PROJECTION: GDA 1994 MGA Zone 55

TITLE
WEST FOOTSCRAY STATION PRECINCT, SURROUNDING LAND USE AND POTENTIAL SOURCES OF CONTAMINATION

CONSULTANT
Golder Associates

YYYY-MM-DD	2016-04-07
PREPARED	JPH
DESIGN	-
REVIEW	CJL
APPROVED	PS

PROJECT No. 1525532 | CONTROL 217-T | Rev. 2 | FIGURE **B5I-4**

© THIS MEASUREMENT DOES NOT MEET SURVEY ACCURACY STANDARDS

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APPENDIX B5II

Historical Information Search Results (Summary of sources; aerial photographs 1945 – 1991; Figures B5II-1 to B5II-2)

21 April 2016
Report No. 1525532-217-R-Rev2

APPENDIX B5 II
Summary of site history information sources

The following sources of information were reviewed as part of the site history assessment.

Table 1: Summary of Site History Information Sources

Information source reviewed	Purpose
Planning Maps	A planning property report provides some basic background information on a property or parcel including current zones and applicable overlays. Comparison of changes in planning overlays can provide an understanding of broad scale changes in the land use of different areas over time.
Aerial Photographs	Historical aerial photographs covering the years between 1931 and 1989 were reviewed. Recent aerial photographs from between 2009 and 2015 were sourced from Nearmap (maps.au.nearmap.com, 2015). Aerial photographs provide an overview of property development over time, including the type and configuration of infrastructure. The photos can also provide information such as proximity to quarries, landfills, dams and vegetation.
Environmental Audit reports	Golder reviewed the EPA online interaction portal for sites that are or have been under environmental audit within the vicinity of the site. A review of Environmental Audit sites can provide an indication of whether the site or surrounding sites have been identified as potentially contaminated and information about historical land use and the regional setting.
Priority Sites register	EPA Priority Sites are sites for which EPA has issued a clean-up notice pursuant to section 62A or a pollution abatement notice pursuant to section 31A or 31B (relevant to land and/or groundwater) of the *Environment Protection Act 1970*. Typically, these are sites where pollution of land and/or groundwater presents an unacceptable risk to human health or to the environment. The register can provide an indication of potential sources of contamination on the site or surrounding sites.
EPA register of *groundwater quality restricted use zone*" (GQRUZ)	Identification of GQRUZ can provide information of established existing level of contamination, and groundwater conditions The SEPP Groundwater defines the specific requirements for such zones related to management, clean up to the extent practicable and periodic review.
Melbourne Water Base Plans (MWBP)	MWBP are detailed historical plans for large areas of Melbourne drawn by employees of the then Melbourne Metropolitan Board of Works which show building outlines, outhouses, fences, roads / streets and public structures (such as gas works, hospitals etc). These plans can provide information on the location of historical industrial building and quarries.
Street directories	Maps 41 and 42 of selected Melway street directories between 1966 and 2000 were reviewed. The maps can provide information of area development, surrounding and site specific land use.
Publically available directories (including yellow pages, Urban Business Directory and Sands and McDougal directory	Directories can provide the address of historical businesses such as electroplaters, garages, service stations and dry cleaners providing information of potential sources of contamination in the vicinity of the sites.

APPENDIX B5 II
Summary of site history information sources

Information source reviewed	Purpose
Groundwater Bore register-Visualising Victoria's Groundwater	Information on local groundwater use, depth to groundwater and groundwater quality can be found, providing an understanding of the hydrological setting and potential groundwater receptors.

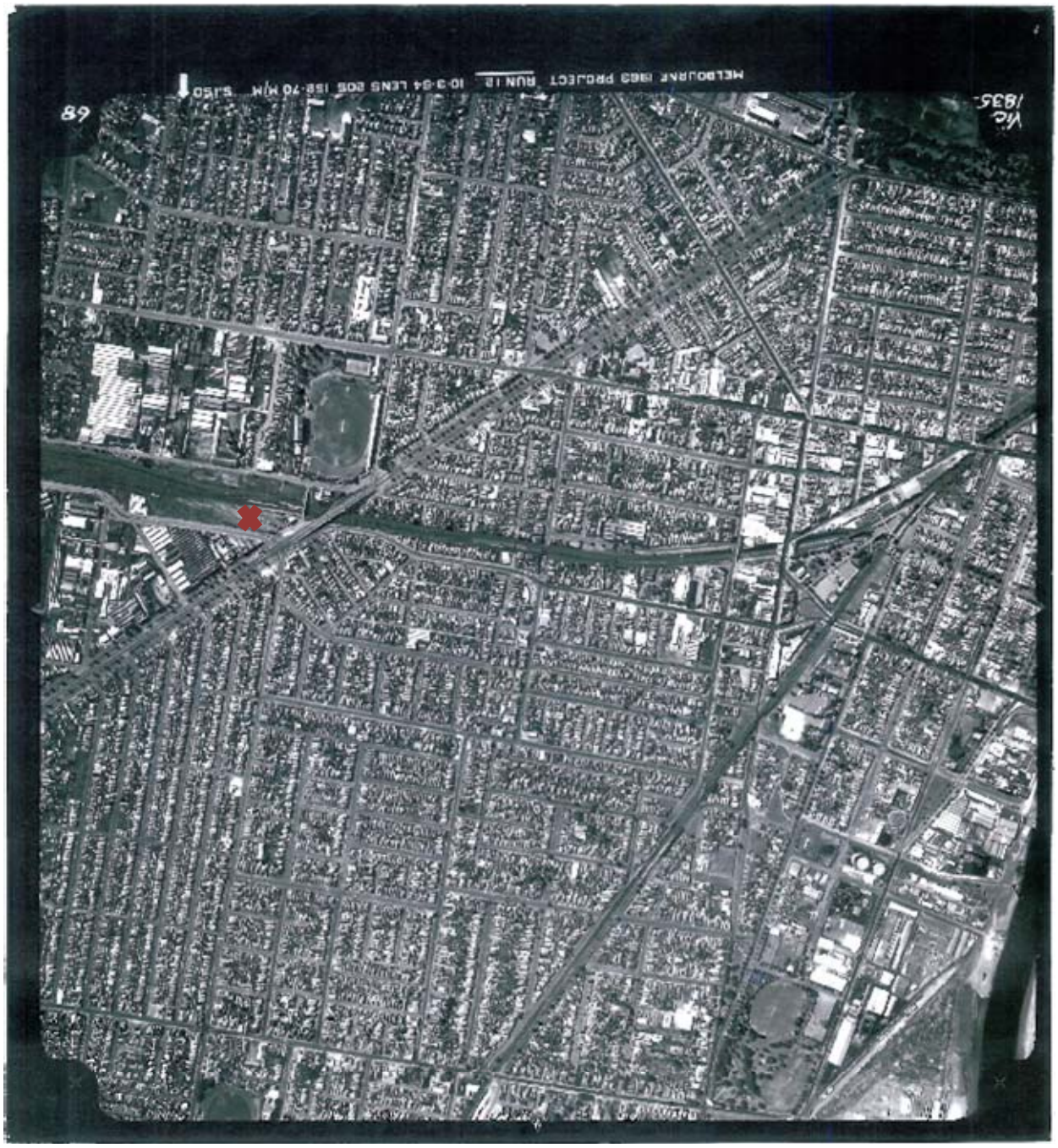
\\golder.gds\gap\melbourne\jobs\geo\2015\1525532 - ajm jv melbourne metro\correspondence out\1525532-217-r-clair ees summary report\rev2\appendix b - site history\appendix b5 - w fcray psi\appendix b5ii\b5ii part 1.docx

Date: 1945
Project: University of Melbourne

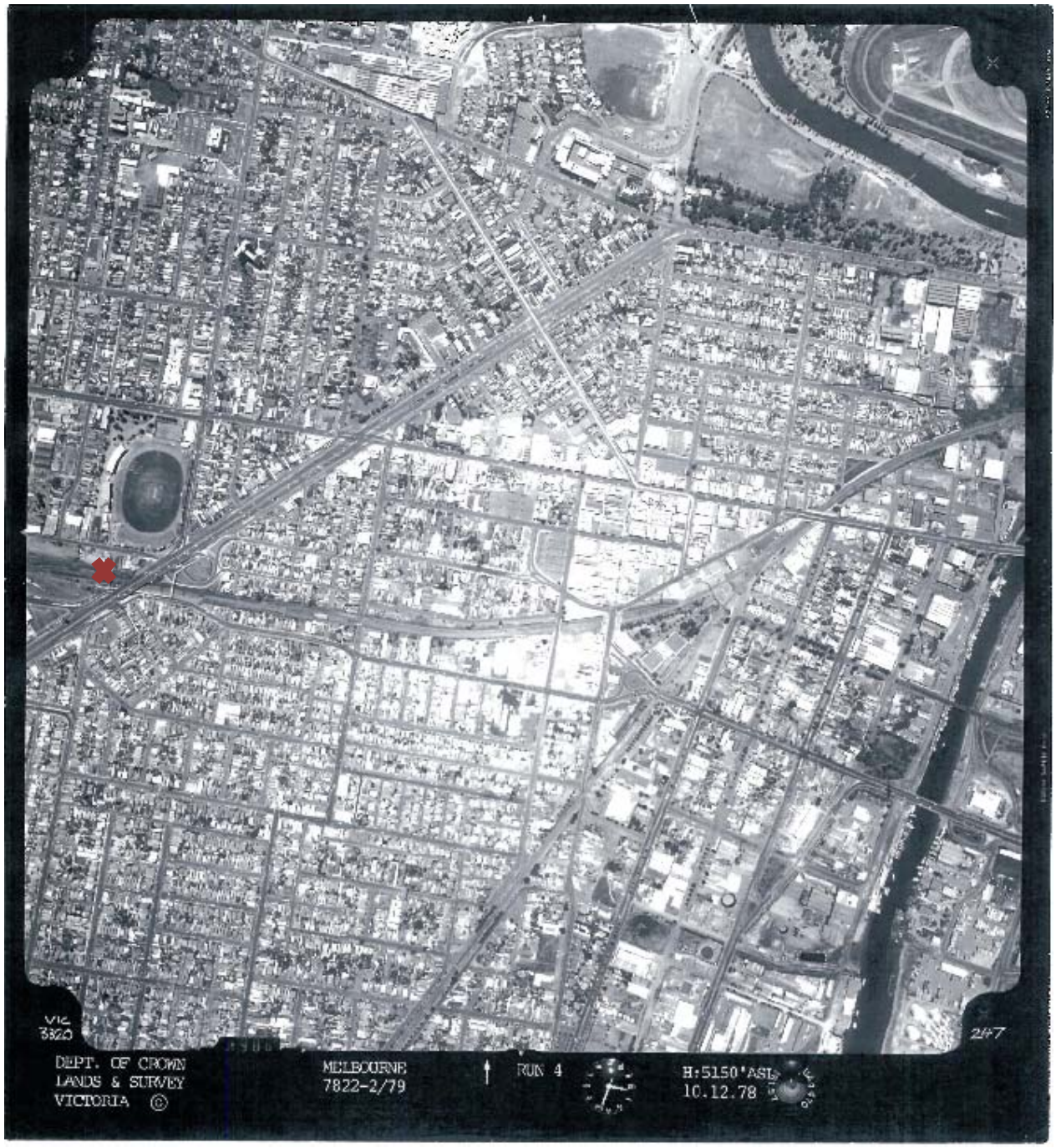




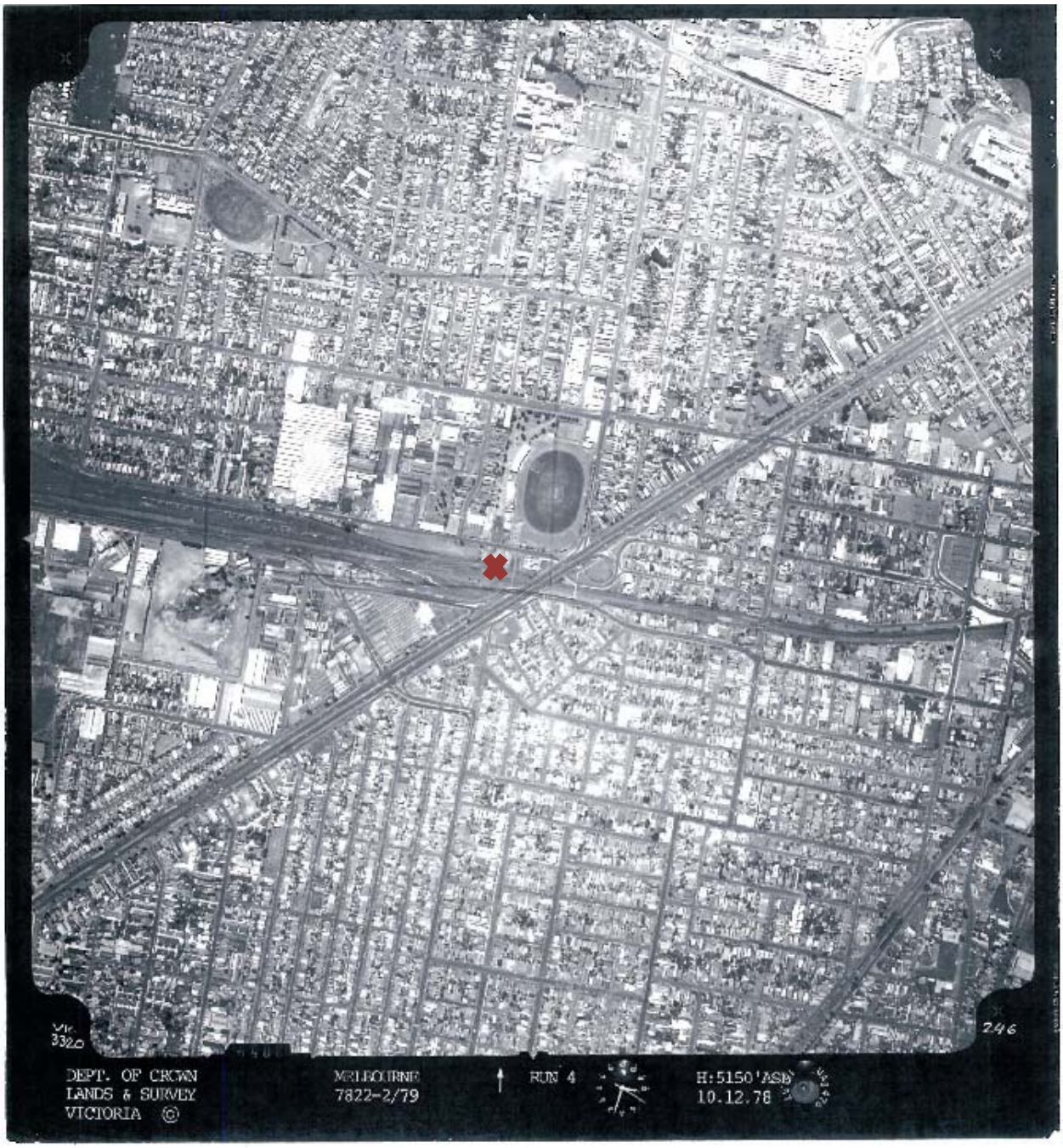
Date: 10 March 1964
Project: Melbourne 1963 Project
Run: 12
Photo: 68
Scale: 1:9600
Height: 5100 ft



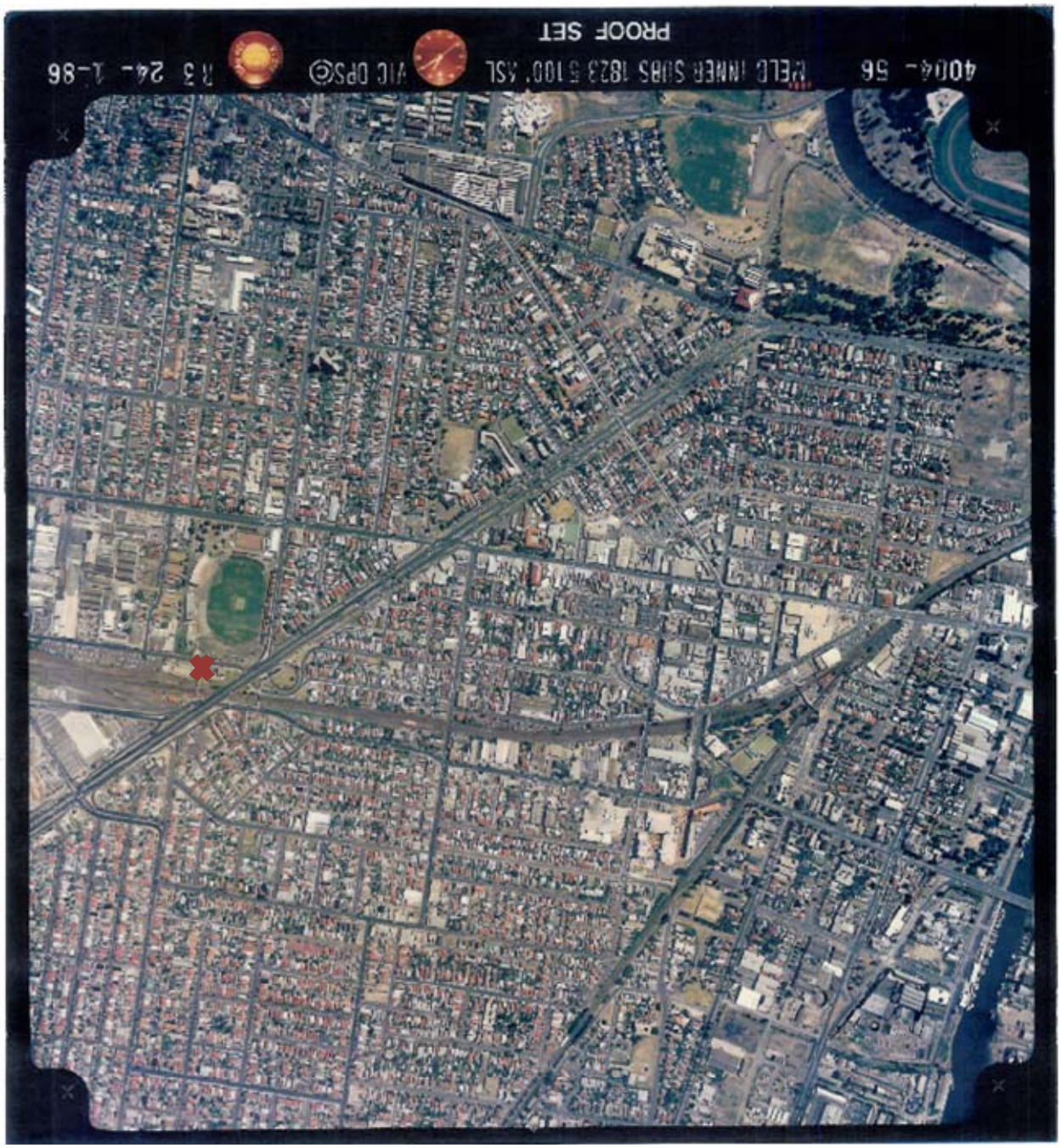
Date: 10 December 1978
Project: Standard Mapsheet Photography
Run: 4
Photo: 247
Scale: 1:10000
Height: 5200 ft



Date: 10 December 1978
Project: Standard Mapsheet Photography
Run: 4
Photo: 246
Scale: 1:10000
Height: 5200 ft



Date: 24 January 1986
Project: Melbourne Inner Suburbs
Run: 3
Photo: 56
Scale: 1:10000
Height: 5100 ft



Date: 6 February 1989
Project: Melbourne 1989 Project
Run: 20
Photo: 146
Scale: 1:15000
Height: 8200 ft



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APPENDIX C

Tabulated Summaries of Results

								pH	PAH												
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40				
NEPM 2013 HIL-Recreational C Soil														3	3	3	3				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	<0.1	0.21	0.42	1.3	1.4	-	-	-	-	2.4	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	<0.1	<0.1	0.11	0.28	0.27	-	-	-	-	0.54	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	0.87	0.13	1.8	5.8	3.8	-	-	-	-	6.4	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	0.4	0.52	1.6	5.8	4.6	-	-	-	-	7.5	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	8.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	<0.1	<0.1	<0.1	0.22	0.16	-	-	-	-	0.39	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	<0.1	<0.1	0.11	0.33	0.44	-	-	-	-	0.76	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.2	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	8.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.2	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.2	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	8.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	0.4	2.3	4.6	8.7	8	-	-	-	-	-	-	-	9.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	0.4	4.1	4.9	19	25	-	-	-	-	-	-	-	28
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	8.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-

								pH	PAH												
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	<0.5	<0.5	<0.5	1.3	1.1	-	1.4	1.7	2	-	-	1.7	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	1.1	<0.5	3.3	7	6.3	-	9	9	9	-	-	9.8	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	0.8	<0.5	1.3	4	3.9	-	5.1	5.4	5.6	-	-	6.1	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	1.1	<0.5	2.1	4.6	4.8	-	6.3	6.5	6.8	-	-	7.3	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	0.6	<0.5	1.4	2.1	2.5	-	3.3	3.6	3.8	-	3.2	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	8.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.5	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	0.9	1.7	-	2.1	2.3	2.6	-	-	2	-

								pH	PAH												
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
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NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40				
NEPM 2013 HIL-Recreational C Soil														3	3	3	3				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	8.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	<0.5	<0.5	<0.5	0.6	0.9	-	-	-	-	1.2	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-

								pH	PAH													
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40					
NEPM 2013 HIL-Recreational C Soil														3	3	3	3					
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	0.6	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	<0.5	<0.5	<0.5	0.8	0.8	-	-	-	-	1.2	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	2.8	<0.5	8.4	24.9	25.2	-	-	-	-	36	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	<0.5	<0.5	<0.5	1.3	1.6	-	-	-	-	2.7	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	<0.5	<0.5	0.5	1.2	1.1	-	-	-	-	1.7	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-

								pH	PAH												
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40				
NEPM 2013 HIL-Recreational C Soil														3	3	3	3				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	<0.5	<0.5	<0.5	3.2	4.6	-	-	-	-	5.2	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	<0.5	<0.5	<0.5	0.8	1.4	-	-	-	-	1.8	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	<0.5	<0.5	<0.5	0.7	1	-	1.3	1.5	1.8	-	-	1.5	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	<0.5	0.8	0.5	2.8	5.1	-	7.1	7.1	7.1	-	-	7.4	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								pH	PAH													
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40					
NEPM 2013 HIL-Recreational C Soil														3	3	3	3					
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	8.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	<0.5	1.2	1.4	4.4	4.1	-	-	-	-	6.5	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	0.7	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-

								pH	PAH												
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40				
NEPM 2013 HIL-Recreational C Soil														3	3	3	3				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	<0.5	<0.5	<0.5	1.6	2	-	-	-	-	3	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	<0.5	<0.5	0.6	1.8	1.9	-	-	-	-	3	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	<0.5	<0.5	<0.5	1.5	2	-	-	-	-	3	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	<0.5	<0.5	<0.5	<0.5	0.5	-	0.6	0.9	1.2	-	-	0.8	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5

								pH	PAH													
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40					
NEPM 2013 HIL-Recreational C Soil														3	3	3	3					
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	<0.5	<0.5	1.6	6.2	8	-	10.9	10.9	10.9	-	-	11.1	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.7	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-

								pH	PAH												
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40				
NEPM 2013 HIL-Recreational C Soil														3	3	3	3				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	<0.5	<0.5	<0.5	0.5	0.6	-	-	-	-	1.1	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	<0.5	0.7	0.6	3.5	4.4	-	-	-	-	7.6	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	6.6	<1.2	23.2	53.8	37.7	-	-	-	-	71	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	<0.5	<0.5	0.9	2.4	2.8	-	3.7	3.9	4.2	-	-	4.3	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	<0.5	<0.5	<0.5	0.8	1.1	-	1.5	1.7	2	-	1.4	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	<0.5	<0.5	<0.5	1.9	2.6	-	3.4	3.6	3.9	-	-	4	-

								pH	PAH												
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40				
NEPM 2013 HIL-Recreational C Soil														3	3	3	3				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	<0.5	0.9	1	3.2	3.9	-	5	5.3	5.5	-	-	5.9	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.5	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	<0.5	0.7	1	4.2	4.7	-	6.8	6.8	6.8	-	-	8	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	<0.5	1.4	2.5	12.8	14.3	-	20.5	20.5	20.5	-	-	24	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	<0.5	<0.5	0.9	2.4	3.1	-	4	4.3	4.5	-	-	5.2	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								pH	PAH													
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40					
NEPM 2013 HIL-Recreational C Soil														3	3	3	3					
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	3.8	2.7	17.8	27.8	35.9	-	48.5	48.5	48.5	-	-	55.9	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.6	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	<0.5	<0.5	0.6	1.3	1.4	-	1.8	2.1	2.3	-	-	2.2	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	<0.5	<0.5	<0.5	1.4	1.8	-	2.3	2.6	2.8	-	-	2.8	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	<0.5	<0.5	1.6	4.3	5.7	-	8	8	8	-	-	9.2	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	<0.5	<0.5	<0.5	0.6	0.8	-	1	1.3	1.6	-	-	1.3	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	<0.5	<0.5	<0.5	1	1.1	-	1.4	1.6	1.9	-	-	1.7	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.9	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	8.7	<0.5	<0.5	<0.5	1.3	1.6	-	2.1	2.3	2.6	-	-	2.6	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	4.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								pH	PAH													
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40					
NEPM 2013 HIL-Recreational C Soil														3	3	3	3					
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	<0.5	<0.5	0.5	2.6	3.6	-	5.2	5.2	5.2	-	-	6	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	0.7	0.9	4.5	9.8	10.4	-	15.2	15.2	15.2	-	-	16.2	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.8	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.6	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-

								pH	PAH												
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40				
NEPM 2013 HIL-Recreational C Soil														3	3	3	3				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	<0.5	<0.5	<0.5	1.8	2.3	-	3	3.3	3.5	-	-	3.8	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	<0.5	<0.5	0.6	1.9	2.4	-	3.1	3.4	3.6	-	-	3.7	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	<0.5	<0.5	<0.5	0.6	0.8	-	1	1.3	1.5	-	-	1.2	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	<0.5	<0.5	<0.5	1.1	1.4	-	1.8	2.1	2.3	-	-	2.3	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	<0.5	<0.5	<0.5	0.7	0.8	-	1	1.3	1.6	-	1	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	8.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	<0.5	1.9	5.2	10.5	11.3	-	16	16	16	-	-	16.2	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	<0.2	0.3	1.1	5.5	6.1	-	-	-	-	-	-	-	7.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	6.7	0.8	11	24	22	-	-	-	-	-	-	-	26
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	<0.2	0.5	1.7	5.6	6	-	-	-	-	-	-	-	6.3
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2

								pH	PAH													
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40					
NEPM 2013 HIL-Recreational C Soil														3	3	3	3					
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	<0.2	<0.2	0.7	3	3.4	-	-	-	-	-	-	-	3.8
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	<0.2	<0.2	<0.2	0.3	0.4	-	-	-	-	-	-	-	0.4
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	0.8	3.7	5.6	23	28	-	-	-	-	-	-	-	28
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	<0.2	0.2	0.5	2.2	2.4	-	-	-	-	-	-	-	2.6
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	1.8	3	7.9	38	41	-	-	-	-	-	-	-	45
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	<0.2	<0.2	<0.2	0.5	0.6	-	-	-	-	-	-	-	0.6
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	<0.2	<0.2	<0.2	<0.2	0.3	-	-	-	-	-	-	-	0.2
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	8.6	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	8.9	<0.5	<0.5	<0.5	2.2	2.3	-	3.1	3.3	3.6	-	-	4	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	<0.5	3.8	7.5	15.2	13.1	-	19.5	19.5	19.5	-	-	25.6	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	<0.5	1.3	3.1	7.4	5.5	-	8.4	8.4	8.4	-	-	10.6	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-

								pH	PAH												
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40				
NEPM 2013 HIL-Recreational C Soil														3	3	3	3				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	0.9	<0.5	2.9	8.6	8.6	-	12.7	12.7	12.7	-	-	13.9	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	<0.5	0.7	1.5	9.1	7.7	-	11.6	11.6	11.6	-	-	15.1	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	1.4	5.6	11.5	18.4	23.6	-	33.8	33.8	33.8	-	-	46.5	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	<0.5	2.4	3.4	12.7	20.8	-	29.9	29.9	29.9	-	-	39.7	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	6.2	<0.5	<0.5	<0.5	1	1	-	1.3	1.6	1.8	-	1.2	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-

								pH	PAH												
								pH KCl (23A)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene
								pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil														40	40	40	40				
NEPM 2013 HIL-Recreational C Soil														3	3	3	3				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	3.4	2.7	13.9	22.8	31.3	-	44.7	44.7	44.7	-	-	62.4	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	<0.5	1.4	2.2	7.3	9.4	-	14.1	14.1	14.1	-	-	20	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	<0.5	<0.5	0.7	1.7	1.4	-	-	-	-	2.7	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	<0.5	<0.5	<0.5	1.2	0.9	-	-	-	-	1.6	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	<0.5	0.6	2	4.5	3.6	-	-	-	-	6.6	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	<0.5	<0.5	<0.5	<0.5	0.5	-	-	-	-	0.9	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	0.7	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	0.7	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								PAH													
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	1.1	-	1.8487	0.77	0.18	2.2	<0.1	0.95	<0.1 - 0.16	1	-	2.2	<14.9	14.49
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	0.2	-	0.3452	0.22	<0.1	0.55	<0.1	0.16	<0.1	0.22	-	0.52	<3.77	3.57
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	2.3	-	4.784	2.6	0.14	8.1	0.8	1.9	<0.1 - 2.2	7.2	-	8	53	52.04
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	2.8	-	5.681	2.8	0.17	8.3	0.33	2.5	<0.1 - 0.66	5.4	-	8.3	52	51.68
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	0.15	-	0.2238	0.13	<0.1	0.35	<0.1	0.12	<0.1	0.11	-	0.35	<2.78	2.58
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	0.33	-	0.5326	0.23	<0.1	0.45	<0.1	0.27	<0.1	0.14	-	0.53	<4.29	4.09
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.1	-	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<1.8	<1.6
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.1	-	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<1.8	<1.6
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.1	-	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<1.8	<1.6
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	5.1	4	9.472	7.4	<0.2	21	<0.2	4.5	0.8	16	-	19	110	111.3
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	23	11	29.247	19	<0.2	34	<0.2	19	0.4	10	-	39	240	237.2
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5

								PAH												
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	0.5	-	-	1	<0.5	2.6	<0.5	<0.5	<0.5	1.6	-	2.4	12.2	14
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	3.2	-	-	5.8	0.7	15.9	1.3	2.7	<1 - 1.1	13.8	-	14.9	86.9	77.6
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	2	-	-	3.6	<0.5	9.9	0.6	1.6	<0.5 - 1	8.3	-	9.3	51.4	47.3
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	2.5	-	-	4.9	<0.5	12.2	1.1	2	<1 - 1.1	11.6	-	11.5	66.8	60.5
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	2.1	1.1	-	2.1	<0.5	7.6	0.8	1.5	<1 - 0.6	6.4	-	6.8	38.8	36.6
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	<0.5	<0.5	-	<0.5	<0.5	1	<0.5	<0.5	<0.5	0.5	-	0.9	2.4	8.4
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	<0.5	-	-	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	0.9	-	0.8	3	8
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	1.2	-	-	1.3	<0.5	0.8	<0.5	0.8	<0.5	<0.5	-	1.8	10.5	12

								PAH													
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**			-											
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	0.7	-	1.0012	0.7	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	-	1.5	6.3	10.3
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								PAH												
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.5	1.1	7.6
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	<0.5	-	0.91422	0.7	<0.5	1.5	<0.5	<0.5	<0.5	1	-	1.4	7.4	11.4
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	14.6	-	32.47	22.9	3.2	44.8	1.5	11.8	0.8	30.3	-	46.2	273	273.9
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	1.2	-	1.872	1.3	<0.5	2.3	<0.5	0.9	<0.5	0.8	-	2.4	14.5	17.5
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	0.6	-	1.312	0.9	<0.5	2	<0.5	0.5	<0.5	1.8	-	1.9	12.2	14.7
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5

								PAH													
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	3.1	-	6.012	3.6	0.8	3.3	<0.5	2	0.7	1.1	-	7	34.6	36.6
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	1	-	1.596	0.9	<0.5	1.1	<0.5	0.7	<0.5	<0.5	-	2.1	9.8	13.3
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	0.6	-	-	0.8	<0.5	1.2	<0.5	0.5	<0.5	<0.5	-	1.3	7.6	9.6
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	3.2	-	-	4.5	0.7	5.8	<0.5	2.4	<0.5	4.6	-	7.3	45.1	39.2
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1

								PAH													
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**			-											
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	2.9	-	5.58	3.6	0.7	11.6	<0.5	2.5	<0.5	7.9	-	10.1	56.9	58.4
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	<0.5	-	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	-	0.5	1.7	7.7
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5

								PAH												
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	1.5	-	2.335	1.3	<0.5	2.7	<0.5	1.2	<0.5	0.8	-	2.7	16.8	19.8
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	1.4	-	2.236	1.5	<0.5	3.7	<0.5	1	<0.5	2.3	-	3.8	21	23.5
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	1.6	-	2.326	1.3	<0.5	2.2	<0.5	1.2	<0.5	0.8	-	2.3	15.9	18.9
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.5	-	-	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	-	0.8	2.9	7.6
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8

								PAH												
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<8
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	4.6	-	-	5.5	0.6	10.7	<0.5	4.6	<0.5	3.8	-	11.4	68.1	59
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.5	-	-	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	-	0.8	2.3	7.6
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.5	-	-	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	0.6	-	0.6	1.8	7.3
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5

								PAH												
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**			-											
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	0.8	-	0.7	2.3	8.3
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	0.6	-	0.68322	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	-	1.4	5.6	10.1
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	4	-	5.87	3.5	0.7	6.8	<0.5	3.2	<0.5	1.6	-	7.4	44	45.5
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	25.7	-	52.538	52.6	6.6	136	5.5	20.5	1.6	84.3	-	132	657	658.3
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	<0.5	-	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	0.6	-	0.7	2	8
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	1.8	-	-	2	<0.5	5	<0.5	1.7	<0.5	2.4	-	4.4	27.7	25.9
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	1	0.6	-	0.7	<0.5	1.4	<0.5	0.8	<0.5	<0.5	-	1.5	9.3	11.4
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	1.6	-	-	1.9	<0.5	3.2	<0.5	1.5	<0.5	1	-	3.1	20.8	19.8

								PAH													
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**			-											
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	2	-	-	2.8	<0.5	5.3	<0.5	1.7	<0.5	2.1	-	5.6	34.4	30.5
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.5	<7
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	2.3	-	-	4.3	0.6	7.2	<0.5	2.1	<0.5	2.5	-	7.5	45.1	38.6
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	6.8	-	-	12.9	1.7	21.4	<0.5	6.3	<0.5	6.6	-	22.5	133	110.7
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	1.6	-	-	2.5	<0.5	4.4	<0.5	1.3	<0.5	2	-	4.6	28	25.3
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1

Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix	PAH													
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**			-											
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	<2	-	-	-	-	<2
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	14.8	-	-	24.5	2.6	98.6	5.3	12.6	<1 - 2.5	57.7	-	88.8	451	395.4
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.5	-	-	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	-	0.6	1.8	7.2
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	0.6	-	-	1.2	<0.5	3	<0.5	0.5	<0.5	1.9	-	3	15.7	16
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	1	-	-	1.4	<0.5	2.7	<0.5	0.8	<0.5	1.3	-	2.7	15.9	16.1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	3	-	-	4.4	0.6	9.3	<0.5	2.5	<0.5	5	-	9.3	54.9	47.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.5	-	-	0.6	<0.5	1.3	<0.5	<0.5	<0.5	0.6	-	1.3	6.5	9.2
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.5	-	-	0.9	<0.5	1.2	<0.5	<0.5	<0.5	0.6	-	1.3	7.8	10.1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.5	-	-	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	-	0.5	1.1	7.1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.5	-	-	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	-	1.5	3.6	8.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	0.8	-	-	1.1	<0.5	2.7	<0.5	0.7	<0.5	0.9	-	2.8	14.5	14.9
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.5	0.5	7.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1

									PAH															
									Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion											-											
0-1m											-											
1-2m											-											
2-4m											-											
>4m											-											
NEPM 2013 HIL-Commercial/Industrial D Soil											40										4000	4000
NEPM 2013 HIL-Recreational C Soil											3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil											-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil											-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil											-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil											-											
											-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**				-											
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	2.3	-	-	2.8	0.5	4.2	<0.5	2	<0.5	1.4	-	4.3	30.2	26.2
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	5.3	-	-	8.8	1.5	26.6	0.7	5.1	<0.5	14.9	-	24.1	130	113.8
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.5	-	-	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	-	0.8	2.5	7.7
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	<7
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5

									PAH															
									Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion											-											
0-1m											-											
1-2m											-											
2-4m											-											
>4m											-											
NEPM 2013 HIL-Commercial/Industrial D Soil											40										4000	4000
NEPM 2013 HIL-Recreational C Soil											3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil											-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil											-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil											-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil											-											
											-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**				-											
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	1.5	-	-	1.9	<0.5	3.2	<0.5	1.2	<0.5	1.1	-	3.2	20	19.2
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	1.3	-	-	2	<0.5	3.6	<0.5	1.1	<0.5	1.8	-	3.5	21.9	20.7
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.5	-	-	0.7	<0.5	1.2	<0.5	<0.5	<0.5	0.7	-	1.2	6.4	9.2
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	1.1	-	-	1.1	<0.5	2	<0.5	0.8	<0.5	0.9	-	2.2	12.9	13.6
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	0.6	<0.5	-	0.7	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	-	1.5	6.8	10.3
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	6	-	-	9.7	1.4	18.7	<0.5	5.2	<0.5	14.3	-	19.4	120	105.1
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	4.6	2.9	7.145	5.2	<0.2	11	<0.2	3.7	<0.2	4.5	-	11	62	63.8
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	14	11	25.977	21	<0.2	51	5.2	12	3.7	35	-	47	290	290.6
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	4.2	2.6	7.039	5	<0.2	11	<0.2	3.6	<0.2	4.6	-	11	62	62.9
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2

								PAH															
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	2.7	1.8	3.993	2.9	<0.2	6.1	<0.2	2.1	<0.2	2.1	-	6	35	35.6
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	0.3	<0.2	0.493	0.3	<0.2	0.6	<0.2	0.3	<0.2	<0.2	-	0.6	4	4.8
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	22	12	32.557	21	<0.2	38	<0.2	18	0.3	13	-	41	250	254.8
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	1.9	1.3	2.837	2.1	<0.2	4.2	<0.2	1.5	<0.2	1.5	-	4.2	25	25.4
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	30	19	48.057	33	<0.2	66	1.4	26	<0.2	27	-	67	410	406.5
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	0.4	0.4	0.727	0.6	<0.2	1.1	<0.2	0.4	<0.2	0.4	-	1.1	6	7.3
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	<0.2	<0.2	0.33042	0.3	<0.2	0.4	<0.2	<0.2	<0.2	<0.2	-	0.4	2	3.8
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	0.4	<0.2	<0.2	<0.2	<0.2	-	0.3	<2	3.5
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	3.2
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	1.2	-	-	1.7	<0.5	3.4	<0.5	1.4	<0.5	0.5	-	4.1	20.8	19.8
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	6.8	-	-	9.6	1.5	28.9	1	6.3	<1 - 1.7	20.8	-	28.5	170	145.2
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	2.9	-	-	5.2	0.8	14.5	<0.5	2.7	<0.5	8.2	-	14.3	76.5	67.4
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5

								PAH															
								Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion										-											
0-1m										-											
1-2m										-											
2-4m										-											
>4m										-											
NEPM 2013 HIL-Commercial/Industrial D Soil										40										4000	4000
NEPM 2013 HIL-Recreational C Soil										3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil										-											
										-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**			-											
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	4.7	-	-	6.4	1.3	14.8	0.7	4.4	<0.5	7.3	-	14.4	88.9	76
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	4.8	-	-	6.8	1	15.2	<0.5	4.1	<0.5	4.6	-	16.6	87.2	73.6
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	9.7	-	-	16.5	2.5	44.6	4.5	10	<1 - 0.6	37.1	-	41.6	274	227.6
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	12.1	-	-	13.3	2.5	23.2	<0.5	11.5	<0.5	8.4	-	24.6	175	136.4
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	<0.5	<0.5	-	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	-	0.6	1.1	7.6
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	0.7	<0.5	-	1	<0.5	2.2	<0.5	0.6	<0.5	1	-	2.2	10.9	13.2
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-

									PAH															
									Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Calculated B(a)P Teq	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.004	0.004	-	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion											-											
0-1m											-											
1-2m											-											
2-4m											-											
>4m											-											
NEPM 2013 HIL-Commercial/Industrial D Soil											40										4000	4000
NEPM 2013 HIL-Recreational C Soil											3										300	300
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil											-											
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil											-											
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil											-											
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil											-											
											-											
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**				-											
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	13.1	-	-	19.8	3.2	77.2	4.6	13.7	<1 - 2.4	56.2	-	70	397	334.3
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	5.4	-	-	7.5	1.3	13.4	<0.5	5.8	<0.5	5.6	-	14.3	93.6	75.1
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	0.6	-	1.677	1.4	<0.5	4.2	<0.5	0.6	<0.5	2.5	-	3.8	19.6	22.1
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	<0.5	-	1.05722	1	<0.5	2.8	<0.5	<0.5	<0.5	1.7	-	2.6	11.8	15.8
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	1.6	-	4.28	3.7	<0.5	11.2	0.5	1.5	<0.5	7.7	-	9.9	53.4	54.9
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<2	<3.2
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	<0.5	-	0.52724	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	-	0.8	3	8.5
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	<0.5	-	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	-	0.7	2.1	8.1
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	<0.5	-	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	-	0.6	1.9	7.9
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<7.5

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

									Heavy Metals													
									Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil											3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil											300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	-	10	-	-	-	2.3	-	<0.5	-	230	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	-	5	-	-	-	<0.3	-	<0.5	-	11	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	-	10	-	-	-	0.4	-	<0.5	-	27	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	-	11	-	-	-	0.7	-	<0.5	-	46	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	-	5	-	-	-	<0.3	-	<0.5	-	28	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	-	4	-	-	-	0.4	-	<0.5	-	28	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	-	<3	-	-	-	<0.3	-	<0.5	-	2.3	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	-	4	-	-	-	<0.3	-	<0.5	-	4.6	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	-	<3	-	-	-	<0.3	-	<0.5	-	3.8	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	<3	-	-	-	<0.3	-	<0.5	-	20	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	43	-	-	-	0.4	-	<0.5	-	36	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	17	-	-	-	0.5	-	<0.5	-	36	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	4	-	-	-	<0.3	-	<0.5	-	6.7	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	5	-	-	-	<1	-	<0.5	-	35	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	10	-	-	-	<1	-	<0.5	-	56	-

									Heavy Metals													
									Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil											3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil											300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	10	-	-	-	<1	-	<0.5	-	61	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	8	-	-	-	<1	-	<0.5	-	62	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	19	190	2	<50	<1	50	<0.5	40	37	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	10	50	6	<50	<1	136	1.7	70	69	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	10	270	1	<50	<1	43	<0.5	38	61	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	11	230	2	<50	<1	62	<0.5	42	61	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	11	270	1	<50	<1	50	<0.5	39	63	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	7	-	-	-	<1	42	-	-	64	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	8	-	-	-	<1	87	-	-	36	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	-	13	280	1	<50	<1	45	<0.5	43	63	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	10	-	-	-	<1	83	-	-	55	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	13	-	-	-	<1	52	-	-	55	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	9	-	-	-	<1	68	-	-	56	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	10	-	-	-	<1	77	-	-	53	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	10	-	-	-	<1	100	-	-	42	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	-	5	60	<1	<50	<1	17	1.4	16	24	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	-	12	80	<1	<50	<1	22	<0.5	11	31	-

									Heavy Metals													
									Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil											3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil											300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	<5	190	<1	<50	<1	18	<0.5	6	<5	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	13	1560	2	<50	1	102	<0.5	55	69	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	<5	200	1	<50	<1	50	<0.5	31	49	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	-	14	110	2	<50	<1	65	<0.5	38	29	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	7	20	<1	<50	<1	28	<0.5	4	6	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	18	-	-	-	<1	-	<0.5	-	77	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	6	-	-	-	<1	-	<0.5	-	24	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	8	-	-	-	1	-	<0.5	-	64	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	5	-	-	-	<1	-	<0.5	-	8	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	18	-	-	-	<1	-	<0.5	-	26	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-

									Heavy Metals												
									Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil											3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil											300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill		-	-	11	-	-	-	2	-	<0.5	-	67	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill		-	-	6	-	-	-	<1	-	<0.5	-	35	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural		-	-	12	-	-	-	<1	-	<0.5	-	30	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural		-	-	22	-	-	-	<1	-	<0.5	-	14	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill		-	-	9	-	-	-	<1	-	<0.5	-	59	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill		-	-	23	-	-	-	<1	-	<0.5	-	22	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill		-	-	15	-	-	-	<1	-	<0.5	-	13	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural		-	-	24	-	-	-	<1	-	<0.5	-	16	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill		-	-	15	-	-	-	<1	-	<0.5	-	33	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill		-	-	9	-	-	-	<1	-	<0.5	-	16	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill		-	-	6	-	-	-	<1	-	<0.5	-	55	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural		-	-	8	-	-	-	<1	-	<0.5	-	<5	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill		-	-	17	-	-	-	<1	-	<0.5	-	6	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill		-	-	<5	-	-	-	<1	-	<0.5	-	62	-

									Heavy Metals													
									Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil											3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil											300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	10	-	-	-	<1	-	<0.5	-	41	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	27	-	-	-	<1	-	<0.5	-	15	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	44	-	-	-	<1	-	<0.5	-	88	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	14	-	-	-	<1	-	<0.5	-	22	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	7	-	-	-	<1	-	<0.5	-	42	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	9	-	-	-	<1	-	<0.5	-	9	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	8	-	-	-	<1	-	<0.5	-	63	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	6	-	-	-	<1	-	<0.5	-	58	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	8	-	-	-	<1	-	<0.5	-	16	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	13	-	-	-	<1	-	<0.5	-	24	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	6	50	<1	<50	<1	13	<0.5	8	21	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	21	100	<1	<50	<1	23	<0.5	14	67	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	6	160	2	<50	<1	54	1.7	45	46	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	7	200	2	<50	<1	43	1.5	42	45	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-

									Heavy Metals													
									Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil											3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil											300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural		-	-	9	-	-	-	<1	60	-	-	31	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill		-	-	10	310	2	<50	<1	75	<0.5	45	51	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural		-	-	9	-	-	-	<1	68	-	-	31	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural		-	-	20	-	-	-	<1	43	-	-	15	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural		-	-	12	-	-	-	<1	32	-	-	14	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill		-	-	<5	70	<1	<50	<1	18	1	27	24	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill		-	-	<5	40	<1	<50	<1	17	<0.5	24	26	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill		-	-	6	170	2	<50	<1	76	1.3	43	58	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural		-	-	11	-	-	-	<1	59	-	-	37	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural		-	-	9	-	-	-	<1	52	-	-	10	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural		-	-	11	-	-	-	<1	30	-	-	8	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural		-	-	5	-	-	-	<1	29	-	-	7	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill		-	-	9	-	-	-	<1	-	<0.5	-	75	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill		-	-	23	-	-	-	<1	-	<0.5	-	26	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural		-	-	19	-	-	-	<1	-	<0.5	-	12	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural		-	-	9	-	-	-	<1	-	<0.5	-	8	-

										Heavy Metals											
										Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil												3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil												300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	20	-	-	-	<1	-	<0.5	-	30	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	47	-	-	-	<1	-	<0.5	-	13	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	13	-	-	-	<1	-	<0.5	-	7	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	21	-	-	-	<1	-	<0.5	-	38	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	<5	-	-	-	<1	-	<0.5	-	<5	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	17	-	-	-	<1	-	<0.5	-	21	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	21	-	-	-	<1	-	<0.5	-	35	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	16	-	-	-	<1	-	<0.5	-	20	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	8	-	-	-	<1	-	<0.5	-	23	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	27	-	-	-	<1	-	<0.5	-	12	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	9	-	-	-	<1	-	<0.5	-	23	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	9	-	-	-	<1	-	<0.5	-	50	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	<5	70	<1	<50	<1	42	<0.5	12	24	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	35	90	2	<50	<1	40	<0.5	11	16	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	27	-	-	-	<1	42	-	-	6	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	33	130	1	<50	<1	29	<0.5	7	10	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	11	-	-	-	<1	22	-	-	18	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	17	-	-	-	<1	19	-	-	17	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	-	4.4	-	-	-	<0.4	15	<1	-	9.7	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	6	-	-	-	<0.4	15	<1	-	9.4	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	37	-	-	-	<2	46	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	18	-	-	-	<2	<25	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	31	-	-	-	<2	<25	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	5.9	-	-	-	<0.4	15	<1	-	16	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	<2	-	-	-	<0.4	<5	<1	-	<5	-

								Heavy Metals											
								Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil										3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil										300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	23	-	-	-	<2	35	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	<2	-	-	-	<0.4	<5	<1	-	17	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	5.5	-	-	-	<0.4	14	<1	-	8.6	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	19	-	-	-	<2	<25	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	22	-	-	-	<2	<25	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	27	-	-	-	<2	<25	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	29	-	-	-	<2	<25	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	12	-	-	-	<2	<25	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	20	-	-	-	<2	41	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	13	-	-	-	<2	<25	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	13	-	-	-	<2	<25	<1	-	<25	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	<10	-	-	-	<2	<25	<1	-	<25	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	6	120	<1	<50	<1	12	<0.5	4	<5	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	<5	-	-	-	<1	17	-	-	<5	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	12	-	-	-	<1	28	-	-	<5	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	10	30	<1	<50	<1	17	<0.5	3	<5	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	11	-	-	-	<1	8	-	-	41	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	25	300	2	<50	<1	40	<0.5	23	20	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	5	<10	<1	<50	<1	8	<0.5	<2	<5	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	<5	10	<1	<50	<1	8	<0.5	<2	<5	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	19	-	-	-	<1	52	-	-	10	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	16	-	-	-	<1	34	-	-	10	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	<5	30	<1	<50	<1	11	<0.5	26	29	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	<5	60	<1	<50	<1	13	<0.5	20	24	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	34	-	-	-	<1	42	-	-	23	-

								Heavy Metals											
								Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil										3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil										300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	<5	50	<1	<50	<1	20	0.6	6	17	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	35	-	-	-	<1	35	-	-	21	23500
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	27	240	3	<50	<1	42	<0.5	14	14	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	25	-	-	-	<1	37	-	-	17	22000
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	12	120	1	<50	<1	34	<0.5	21	23	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	15	-	-	-	<1	44	-	-	17	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	11	-	-	-	<1	-	<0.5	-	21	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	28	-	-	-	<1	41	-	-	18	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	11	-	-	-	<1	32	-	-	9	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	<5	20	<1	<50	<1	20	<0.5	36	35	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	10	-	-	-	<1	35	-	-	25	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	7	-	-	-	<1	-	<0.5	-	13	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	8	-	-	-	<1	-	<0.5	-	35	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	<5	-	-	-	<1	-	<0.5	-	33	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	<5	-	-	-	<1	-	<0.5	-	30	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	7	-	-	-	<1	-	<0.5	-	43	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	30	-	-	-	<1	-	<0.5	-	30	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	<5	-	-	-	<1	-	<0.5	-	25	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	<5	60	<1	<50	<1	20	<0.5	29	26	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	13	-	-	-	<1	47	-	-	25	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	-	<5	30	<1	<50	<1	14	<0.5	14	20	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	-	11	60	<1	<50	<1	21	<0.5	8	30	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	10	-	-	-	<1	20	-	-	29	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	12	-	-	-	<1	23	-	-	24	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	-	12	60	<1	<50	<1	20	<0.5	8	35	-

														Heavy Metals												
														Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
														mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL														1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																									
0-1m																									
1-2m																									
2-4m																									
>4m																									
NEPM 2013 HIL-Commercial/Industrial D Soil																3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil																300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																									
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																									
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																									
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																									
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	14	-	-	-	<1	54	-	-	8	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	11	-	-	-	<1	36	-	-	6	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	7	-	-	-	<1	38	-	-	11	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	<5	110	<1	<50	<1	31	<0.5	18	24	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	8	210	1	<50	<1	28	<0.5	10	21	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	12	330	2	<50	<1	36	<0.5	13	12	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	11	120	<1	<50	<1	29	<0.5	12	135	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	9	240	<1	<50	<1	27	<0.5	14	70	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	33	120	2	<50	<1	42	<0.5	17	18	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	14	-	-	-	<1	43	-	-	9	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	11	-	-	-	<1	11	-	-	9	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	14	-	-	-	<1	-	<0.5	-	336	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	<5	-	-	-	<1	-	<0.5	-	61	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	5	-	-	-	<1	-	<0.5	-	11	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	<5	-	-	-	<1	-	<0.5	-	<5	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	12	110	<1	<50	<1	27	0.8	8	50	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	13	140	<1	<50	<1	27	<0.5	9	248	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-

									Heavy Metals													
									Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil											3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil											300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	12	260	<1	<50	<1	23	<0.5	13	382	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	24	170	<1	<50	<1	24	<0.5	10	410	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	10	320	<1	<50	<1	47	<0.5	5	906	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	7	70	1	<50	<1	19	<0.5	14	314	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	<5	-	-	-	<1	9	-	-	45	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	<5	60	<1	<50	<1	18	<0.5	7	28	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	7	110	1	<50	<1	32	<0.5	14	47	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	12	90	1	<50	<1	30	<0.5	9	27	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	8	160	2	<50	<1	45	<0.5	30	24	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	17	170	<1	<50	<1	18	<0.5	12	233	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	8	60	<1	<50	<1	10	<0.5	5	58	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	18	110	2	<50	<1	35	0.7	17	28	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	<5	-	-	-	<1	19	-	-	7	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	8	-	-	-	<1	27	-	-	9	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-

														Heavy Metals													
														Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
														mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL														1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																									
0-1m																									
1-2m																									
2-4m																									
>4m																									
NEPM 2013 HIL-Commercial/Industrial D Soil																3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil																300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																									
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																									
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																									
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																									
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	<5	-	-	-	<1	7	-	-	<5	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	10	110	<1	<50	<1	22	0.7	10	47	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	8	80	<1	<50	<1	20	<0.5	14	38	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	9	140	1	<50	<1	34	<0.5	13	44	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	-	5	80	1	<50	<1	23	<0.5	9	14	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	<5	80	<1	<50	<1	7	<0.5	<2	<5	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	6	-	-	-	<1	35	-	-	18	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	<5	-	-	-	<1	18	-	-	19	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	21	140	<1	<50	<1	34	<0.5	7	14	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	7	70	<1	<50	<1	11	<0.5	5	8	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	22	-	-	-	<1	22	-	-	22	-

								Heavy Metals											
								Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil										3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil										300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	9	110	<1	<50	<1	21	<0.5	10	11	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	5	80	<1	<50	<1	17	0.5	6	42	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	15	130	1	<50	<1	37	<0.5	16	26	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	7	130	<1	<50	<1	25	<0.5	10	21	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	6	-	-	-	<1	46	-	-	6	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	9	-	-	-	<1	50	-	-	6	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	20	260	1	<50	<1	34	<0.5	13	44	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	24	90	2	<50	<1	57	<0.5	42	25	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	8	-	-	-	<1	32	-	-	11	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	22	130	2	<50	<1	64	<0.5	31	33	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	6	-	-	-	<1	46	-	-	8	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	16	-	-	-	1.1	-	<0.5	-	100	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	12	-	-	-	<0.3	-	<0.5	-	24	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	8	-	-	-	<0.3	-	<0.5	-	25	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	45	-	-	-	<0.3	-	<0.5	-	1.5	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	<3	-	-	-	<0.3	-	<0.5	-	<0.5	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	140	-	-	-	<0.3	-	<0.5	-	3	-

								Heavy Metals											
								Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil										3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil										300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	3	-	-	-	0.4	-	<0.5	-	58	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	4	-	-	-	<0.3	-	<0.5	-	14	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	13	-	-	-	<0.3	-	0.5	-	0.9	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	24	-	-	-	<0.3	-	<0.5	-	2	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	30	-	-	-	<0.3	-	<0.5	-	2.2	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	9	-	-	-	0.4	-	<0.5	-	62	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	14	-	-	-	<0.3	-	<0.5	-	10	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	8	-	-	-	<0.3	-	<0.5	-	8.4	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	<3	-	-	-	<0.3	-	<0.5	-	2.8	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	4	-	-	-	<0.3	-	<0.5	-	2.8	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	9	-	-	-	0.3	-	<0.5	-	48	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	10	-	-	-	<0.3	-	<0.5	-	2.9	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	7	-	-	-	<0.3	-	<0.5	-	5.2	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	7	-	-	-	<0.3	-	<0.5	-	8.2	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	12	-	-	-	<0.3	-	<0.5	-	4.8	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	<5	30	<1	<50	<1	15	<0.5	24	34	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	<5	20	<1	<50	<1	15	<0.5	24	32	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	70	50	<1	<50	<1	34	<0.5	7	6	19000
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	44	20	<1	<50	<1	28	<0.5	6	<5	8490
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	15	200	<1	<50	<1	25	<0.5	22	25	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	21	60	<1	<50	<1	21	<0.5	8	35	22500
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	37	60	<1	<50	<1	26	<0.5	7	18	24800
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	127	-	-	-	<1	32	-	-	<5	23100

								Heavy Metals											
								Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil										3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil										300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	202	-	-	-	<1	53	-	-	<5	35400
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	16	60	<1	<50	<1	21	<0.5	24	28	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	35	-	-	-	<1	22	-	-	<5	11900
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	74	-	-	-	<1	24	-	-	<5	13500
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	10	120	<1	<50	<1	36	<0.5	19	134	41000
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	104	-	-	-	<1	36	-	-	5	28000
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	332	-	-	-	-	-	-	-	-	20200
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	58	-	-	-	<1	12	-	-	<5	8460
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	262	-	-	-	-	-	-	-	-	24900
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	248	-	-	-	-	-	-	-	-	41600
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	7	-	-	-	-	-	-	-	-	2600
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	22	-	-	-	-	-	-	-	-	16200
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	23	70	<1	<50	<1	17	<0.5	8	24	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	10	90	<1	<50	<1	22	<0.5	10	100	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	338	-	-	-	<1	54	-	-	<5	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	114	-	-	-	<1	30	-	-	<5	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-

Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix	Heavy Metals: Aluminium	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								1	0.5	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil										3000		500	300000	900		3600	4000	240000	
NEPM 2013 HIL-Recreational C Soil										300		90	20000	90		300	300	17000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	7	70	<1	<50	<1	18	<0.5	16	30	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	9	130	<1	<50	<1	23	<0.5	18	102	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	8	-	-	-	<1	14	-	-	<5	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	<5	-	-	-	<1	9	-	-	9	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	70	-	-	-	<1	-	<0.5	-	18	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	30	-	-	-	<1	-	<0.5	-	14	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	102	-	-	-	<1	-	<0.5	-	13	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	119	-	-	-	<1	-	<0.5	-	<5	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/(	2.2-2.3	Natural	-	-	5	-	-	-	<0.3	-	0.9	-	3.8	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	15	-	-	-	<1	-	<0.5	-	39	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	57	-	-	-	<1	-	<0.5	-	16	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	61	-	-	-	<1	-	<0.5	-	8	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	120	-	-	-	<1	-	<0.5	-	8	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	330	-	0.68	1.3	72	<3	6	80	-	800
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	10	-	<0.05	<1	18	<3	<1	<3	-	47
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	80	-	0.05	<1	38	<3	<1	<3	-	100
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	220	-	0.06	<1	45	<3	<1	8	-	200
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	20	-	<0.05	<1	23	<3	<1	<3	-	50
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	48	-	0.09	<1	29	<3	<1	<3	-	95
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	5	-	<0.05	<1	3.6	<3	<1	<3	-	8.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	5	-	<0.05	2	5.9	<3	<1	<3	-	17
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	3	-	<0.05	<1	5.6	<3	<1	<3	-	15
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	2	-	<0.05	<1	62	<3	<1	<3	-	36
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	82	-	0.16	<1	20	<3	<1	5	-	120
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	130	-	0.79	<1	55	<3	<1	6	-	360
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	4	-	<0.05	<1	16	<3	<1	<3	-	23
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	7	-	<0.1	<2	106	<5	<2	<5	-	61
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	5	-	<0.1	<2	172	<5	<2	<5	-	66

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	<5	-	<0.1	<2	170	<5	<2	<5	-	56
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	<5	-	<0.1	<2	192	<5	<2	<5	-	59
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	20	930	<0.1	<2	110	<5	<2	<5	62	91
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<5	598	<0.1	<2	210	<5	<2	<5	116	214
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	62	893	<0.1	<2	157	<5	<2	<5	49	146
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	46	793	<0.1	<2	159	<5	<2	6	62	132
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	72	973	<0.1	<2	156	<5	<2	<5	55	137
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	22	-	<0.1	-	168	-	-	-	-	86
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	15	-	<0.1	-	50	-	-	-	-	107
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	36	914	<0.1	<2	148	<5	<2	<5	61	205
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	<5	-	<0.1	-	157	-	-	-	-	73
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	6	-	<0.1	-	135	-	-	-	-	175
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	103	-	0.1	-	137	-	-	-	-	93
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	282	-	<0.1	-	158	-	-	-	-	136
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	21	-	<0.1	-	101	-	-	-	-	54
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	24	247	0.2	<2	37	<5	<2	<5	20	64
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	46	272	<0.1	<2	32	<5	<2	<5	28	54

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	7	36	<0.1	<2	8	<5	<2	<5	29	6
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	13	1440	<0.1	<2	216	<5	<2	<5	97	97
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<5	729	<0.1	<2	144	<5	<2	<5	43	47
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	93	107	2.2	<2	68	<5	<2	8	79	79
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	8	36	<0.1	<2	10	<5	<2	<5	26	16
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	45	-	<0.1	<2	24	<5	<2	<5	-	55
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	6	-	<0.1	<2	22	<5	<2	<5	-	32
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	<5	-	<0.1	<2	198	<5	<2	<5	-	161
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	7	-	<0.1	<2	7	<5	<2	<5	-	10
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	34	-	0.2	<2	48	<5	<2	<5	-	72
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-

									Heavy Metals									
									Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil									1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil									600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill		74	-	0.2	<2	186	<5	<2	<5	-	292
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill		43	-	0.4	<2	88	<5	<2	5	-	72
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural		28	-	0.4	<2	74	<5	<2	<5	-	71
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural		10	-	<0.1	<2	26	<5	<2	<5	-	56
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill		6	-	<0.1	3	19	<5	4	<5	-	31
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill		9	-	<0.1	<2	16	<5	<2	<5	-	55
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill		15	-	<0.1	<2	32	<5	<2	<5	-	20
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural		11	-	<0.1	<2	40	<5	<2	<5	-	63
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill		325	-	0.3	<2	66	<5	<2	<5	-	201
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill		30	-	0.1	<2	48	<5	<2	<5	-	29
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill		34	-	0.1	<2	145	<5	<2	<5	-	112
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural		<5	-	<0.1	<2	3	<5	<2	<5	-	6
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill		<5	-	<0.1	<2	8	<5	<2	<5	-	8
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill		<5	-	<0.1	<2	201	<5	<2	<5	-	169

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	66	-	0.7	<2	101	<5	<2	5	-	124
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	10	-	<0.1	2	37	<5	<2	<5	-	64
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	276	-	0.3	<2	45	<5	<2	16	-	346
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	6	-	<0.1	<2	62	<5	<2	<5	-	33
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<5	-	<0.1	<2	110	<5	<2	<5	-	47
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	5	-	<0.1	2	5	<5	<2	<5	-	11
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	73	-	0.2	<2	74	<5	<2	<5	-	100
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<5	-	<0.1	<2	255	<5	<2	<5	-	202
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	15	-	<0.1	2	73	<5	<2	<5	-	63
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	6	-	<0.1	<2	76	<5	<2	<5	-	48
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	44	193	0.1	<2	28	<5	<2	<5	18	67
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	84	428	<0.1	<2	52	<5	<2	9	18	202
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<5	670	<0.1	<2	163	<5	<2	<5	46	53
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<5	910	<0.1	<2	153	<5	<2	<5	52	41
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	72	-	0.4	-	52	-	-	-	-	98
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<5	759	<0.1	<2	156	<5	<2	<5	73	64
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	62	-	0.4	-	62	-	-	-	-	95
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	12	-	<0.1	-	24	-	-	-	-	50
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	11	-	<0.1	-	18	-	-	-	-	26
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<5	564	<0.1	<2	93	<5	<2	<5	14	36
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	17	366	<0.1	<2	84	<5	<2	<5	13	40
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<5	778	<0.1	<2	174	<5	<2	<5	65	75
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	90	-	0.8	-	72	-	-	-	-	93
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	15	-	<0.1	-	18	-	-	-	-	38
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	7	-	<0.1	-	15	-	-	-	-	24
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	6	-	<0.1	-	6	-	-	-	-	13
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	118	-	0.3	<2	74	<5	<2	<5	-	142
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	75	-	0.6	<2	47	<5	<2	<5	-	52
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	17	-	0.1	<2	27	<5	<2	<5	-	17
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	8	-	<0.1	<2	7	<5	<2	<5	-	6

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	55	-	0.2	<2	39	<5	<2	<5	-	82
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	18	-	0.1	<2	22	<5	<2	<5	-	16
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	15	-	<0.1	<2	9	<5	<2	<5	-	14
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	31	-	<0.1	<2	79	<5	<2	<5	-	150
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	7	-	<0.1	<2	6	<5	<2	<5	-	10
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	20	-	<0.1	<2	53	<5	<2	<5	-	107
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	20	-	<0.1	<2	60	<5	<2	<5	-	115
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	18	-	<0.1	<2	42	<5	<2	<5	-	79
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	43	-	0.1	<2	41	<5	<2	<5	-	86
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	18	-	<0.1	<2	30	<5	<2	<5	-	24
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	13	-	<0.1	<2	10	<5	<2	<5	-	34
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	149	-	0.3	<2	53	<5	<2	<5	-	218
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	7	228	<0.1	<2	43	<5	<2	<5	31	70
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	16	38	0.1	<2	20	<5	<2	<5	84	17
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	14	-	<0.1	-	18	-	-	-	-	10
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	15	50	<0.1	<2	13	<5	<2	<5	61	8
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	12	-	<0.1	-	38	-	-	-	-	80
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	13	-	<0.1	-	32	-	-	-	-	28
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	6.1	-	<0.1	<10	8.2	<2	<5	<10	-	29
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	24	-	0.1	<10	9.2	<2	<5	<10	-	19
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	620	-	<0.1	<50	46	<10	<25	660	-	<25
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<25	-	<0.1	<50	<25	<10	<25	<50	-	53
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	5.2	-	0.1	<10	42	<2	<5	69	-	31
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	6.8	-	0.1	<10	<5	<2	<5	<10	-	7.2

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<25	-	<0.1	<50	37	<10	<25	<50	-	35
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<5	-	<0.1	<10	<5	<2	<5	<10	-	22
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<5	-	<0.1	<10	11	<2	<5	<10	-	25
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<25	-	<0.1	<50	38	<10	<25	<50	-	43
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<25	-	<0.1	<50	44	<10	<25	<50	-	60
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<25	-	<0.1	<50	36	<10	<25	<50	-	100
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<25	-	<0.1	<50	<25	<10	<25	<50	-	38
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	108	38	1.4	<2	7	<5	<2	<5	32	13
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	8	-	<0.1	-	3	-	-	-	-	<5
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	11	-	<0.1	-	25	-	-	-	-	<5
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	8	36	<0.1	<2	8	<5	<2	<5	36	5
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	9	-	<0.1	-	22	-	-	-	-	31
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	17	58	<0.1	<2	41	<5	<2	<5	64	31
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<5	12	<0.1	<2	4	<5	<2	<5	12	<5
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	6	17	<0.1	<2	<2	<5	<2	<5	24	<5
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	16	-	0.1	-	22	-	-	-	-	13
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	14	-	<0.1	-	24	-	-	-	-	17
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	37	308	0.2	<2	62	<5	<2	<5	8	48
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	8	318	<0.1	<2	75	<5	<2	<5	8	34
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	17	-	<0.1	-	39	-	-	-	-	62

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	26	202	<0.1	<2	21	<5	<2	<5	19	46
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	12	132	<0.1	-	33	-	-	-	-	91
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	14	68	<0.1	<2	39	<5	<2	<5	55	64
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	9	128	<0.1	-	27	-	-	-	-	87
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	5	230	<0.1	<2	74	<5	<2	<5	25	49
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	10	-	<0.1	-	42	-	-	-	-	64
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	5	-	<0.1	<2	72	<5	<2	<5	-	49
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	11	-	<0.1	-	33	-	-	-	-	66
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	10	-	<0.1	-	17	-	-	-	-	31
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<5	553	<0.1	<2	129	<5	<2	<5	11	67
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	59	-	0.2	-	57	-	-	-	-	76
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	90	-	0.5	<2	14	<5	<2	6	-	48
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	678	-	0.9	<2	30	<5	<2	235	-	221
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	7	-	<0.1	<2	93	<5	<2	<5	-	54
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	53	-	0.2	<2	14	<5	<2	140	-	58
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	185	-	0.3	<2	28	<5	<2	5	-	84
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	21	-	0.2	<2	32	<5	<2	<5	-	70
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	7	-	<0.1	<2	54	<5	<2	<5	-	48
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	12	283	<0.1	<2	89	<5	<2	<5	12	79
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	10	-	<0.1	-	46	-	-	-	-	152
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	7	302	<0.1	<2	59	<5	<2	<5	12	44
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	86	156	0.2	<2	25	<5	<2	7	33	93
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	69	-	0.2	-	23	-	-	-	-	94
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	22	-	<0.1	-	27	-	-	-	-	122
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	105	162	0.3	<2	23	<5	<2	11	37	112

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	17	-	<0.1	-	28	-	-	-	-	13
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	17	-	<0.1	-	22	-	-	-	-	8
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	10	-	<0.1	-	5	-	-	-	-	14
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	5	394	<0.1	<2	67	<5	<2	<5	21	40
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	37	123	0.5	<2	19	<5	<2	<5	24	46
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	16	59	<0.1	<2	21	<5	<2	<5	36	26
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	222	293	0.6	<2	38	<5	<2	10	39	261
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	190	234	0.9	<2	46	<5	<2	12	34	154
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	30	47	<0.1	2	20	<5	<2	<5	69	16
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	14	-	<0.1	-	25	-	-	-	-	12
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	10	-	<0.1	-	7	-	-	-	-	12
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	476	-	0.1	<2	23	<5	<2	<5	-	320
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	136	-	0.1	<2	16	<5	<2	<5	-	260
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	12	-	<0.1	2	28	<5	<2	<5	-	136
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	<5	-	<0.1	<2	<2	<5	<2	<5	-	<5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	338	192	0.6	<2	23	<5	<2	12	28	162
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	318	512	0.2	<2	27	<5	<2	119	25	77
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	2440	400	3.2	<2	43	<5	<2	108	20	704
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	725	129	0.5	<2	23	<5	<2	52	48	142
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	1910	131	0.9	3	89	<5	<2	222	12	994
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	600	82	<0.1	<2	23	<5	<2	29	16	246
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	199	-	<0.1	-	6	-	-	-	-	47
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	77	138	0.2	<2	36	<5	<2	<5	16	78
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	137	390	0.4	<2	48	<5	<2	8	27	131
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	45	85	0.3	<2	23	<5	<2	<5	38	33
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	176	331	0.1	<2	63	<5	<2	<5	77	32
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	4940	640	0.3	<2	21	<5	<2	372	36	716
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	74	133	0.3	2	13	<5	<2	8	24	47
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	2230	150	0.9	<2	30	<5	<2	18	89	281
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	14	-	<0.1	-	22	-	-	-	-	19
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	9	-	<0.1	-	14	-	-	-	-	43
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	98	-	<0.1	-	4	-	-	-	-	18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	146	140	0.5	<2	28	<5	<2	10	25	236
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	78	217	0.4	<2	26	<5	<2	14	52	280
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	124	63	0.2	<2	33	<5	<2	<5	30	135
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	24	63	0.2	<2	15	<5	<2	<5	27	32
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<5	6	<0.1	<2	<2	<5	<2	<5	11	<5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	7	-	<0.1	-	8	-	-	-	-	13
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	8	-	<0.1	-	12	-	-	-	-	21
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	33	42	<0.1	<2	14	<5	<2	<5	90	34
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	16	74	0.1	<2	10	<5	<2	<5	18	17
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	31	-	<0.1	-	14	-	-	-	-	31

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	32	83	0.2	<2	27	<5	<2	<5	26	43
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	109	97	0.4	<2	17	<5	<2	8	21	145
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	444	159	0.2	<2	35	<5	<2	8	50	91
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	35	144	0.1	<2	28	<5	<2	12	34	46
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	11	-	<0.1	-	28	-	-	-	-	16
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	12	-	<0.1	-	28	-	-	-	-	17
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	188	120	0.2	<2	25	<5	<2	8	65	161
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	44	94	0.1	<2	52	<5	<2	<5	95	120
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	17	-	<0.1	-	21	-	-	-	-	19
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	77	464	1.3	<2	74	<5	<2	8	76	117
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	14	-	0.1	-	21	-	-	-	-	16
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	140	-	0.17	2	38	<3	<1	7	-	200
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	22	-	<0.05	<1	22	<3	<1	<3	-	47
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	75	-	0.26	<1	37	<3	<1	<3	-	120
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	2	-	<0.05	<1	3.5	<3	<1	<3	-	2
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	<1	-	<0.05	<1	0.7	<3	<1	<3	-	<0.5
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	8	-	<0.05	<1	2.1	<3	<1	<3	-	5.9

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	66	-	0.08	<1	20	<3	<1	<3	-	61
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	10	-	<0.05	<1	21	<3	<1	<3	-	32
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	8	-	<0.05	<1	4.8	<3	<1	<3	-	2.9
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	5	-	<0.05	<1	5.8	<3	<1	<3	-	4.7
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	2	-	<0.05	<1	11	<3	<1	<3	-	4.2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	57	-	0.23	<1	57	<3	<1	<3	-	130
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	10	-	0.06	<1	19	<3	<1	<3	-	18
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	10	-	0.21	<1	34	<3	<1	<3	-	19
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	6	-	0.08	<1	7	<3	<1	<3	-	6
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	5	-	<0.05	<1	4.2	<3	<1	<3	-	5.2
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	68	-	0.17	<1	63	<3	<1	<3	-	110
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	7	-	<0.05	<1	14	<3	<1	<3	-	7.7
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	7	-	<0.05	<1	16	<3	<1	<3	-	10
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	9	-	0.25	<1	11	<3	<1	<3	-	18
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	8	-	<0.05	<1	11	<3	<1	<3	-	8.2
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<5	402	<0.1	<2	100	<5	<2	<5	17	51
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<5	316	<0.1	<2	96	<5	<2	<5	13	46
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	12	81	<0.1	-	18	<5	<2	<5	86	11
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	5	25	<0.1	-	4	<5	<2	<5	54	12
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	9	344	<0.1	<2	83	<5	<2	<5	28	44
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	127	148	0.1	<2	36	<5	<2	6	41	95
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	65	95	0.2	<2	25	<5	<2	<5	66	104
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	9	30	<0.1	-	9	-	-	-	-	6

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	12	25	<0.1	-	12	-	-	-	-	8
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	42	408	<0.1	<2	106	<5	<2	<5	36	60
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	5	13	<0.1	-	5	-	-	-	-	<5
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	5	5	<0.1	-	4	-	-	-	-	<5
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	205	432	1.3	<2	85	<5	<2	10	24	256
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	10	13	<0.1	-	5	-	-	-	-	5
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	5	5	<0.1	-	<2	-	-	-	-	<5
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	555	150	0.5	<2	32	<5	<2	<5	56	150
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	301	270	0.3	<2	47	<5	<2	10	21	229
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	28	-	<0.1	-	9	-	-	-	-	9
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	31	-	<0.1	-	11	-	-	-	-	12
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-

								Heavy Metals									
								Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil								1500	60000	730		6000	10000				400000
NEPM 2013 HIL-Recreational C Soil								600	19000	80		1200	700				30000
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	73	261	0.5	<2	60	<5	<2	7	27	84
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	315	400	0.4	<2	74	<5	<2	15	24	258
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	<5	-	<0.1	-	2	-	-	-	-	<5
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	24	-	0.1	-	23	-	-	-	-	18
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	118	-	0.1	<2	17	<5	<2	<5	-	89
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	126	-	0.2	<2	17	<5	<2	11	-	92
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	208	-	0.2	<2	20	<5	<2	33	-	93
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	15	-	<0.1	<2	3	<5	<2	<5	-	11
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	4	-	<0.05	<1	2.6	<3	<1	<3	-	6.8
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	229	-	0.1	3	50	<5	<2	31	-	105
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	55	-	<0.1	<2	15	<5	<2	<5	-	94
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	19	-	<0.1	<2	10	<5	<2	<5	-	53
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	28	-	<0.1	3	24	<5	<2	<5	-	64

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

										Total Petroleum Hydrocarbons										
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
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NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			700	1000				3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			700	1000				2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	50	-	120	50
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<20	<20	190	63	-	273	253
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	-	-	-	-	-	-	-	<20	<20	170	81	-	271	251
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-	<20	<50	280	170	-	500	450
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-	<20	<50	850	770	-	1670	1620
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	

										Total Petroleum Hydrocarbons										
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
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NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			700	1000				2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	-	-	-	-	-	-	<10	<50	240	130	370	420	370
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	220	110	330	380	330
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	-	-	-	-	-	-	<10	<50	120	<100	120	270	120
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	170	140	310	360	310
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	170	190	360	410	360

										Total Petroleum Hydrocarbons									
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
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NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			700	1000				2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

										Total Petroleum Hydrocarbons										
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill			-	-	-	-	-	-	-	-	<10	<50	750	520	1270	1320	
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill			-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill			-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	

										Total Petroleum Hydrocarbons										
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			700	1000				3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			700	1000				2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	150	200	350	400			
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	120	120	270			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	260	170	430	480			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			

										Total Petroleum Hydrocarbons						
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										50	100	100	50	50	100	100	50
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																	
NEPM 2013 HIL-Recreational C Soil																	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-		
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-		
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	-	-	-	-		
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	-	-	-	-		
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	-	-	-	-		
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	-	-	-	-		

										Total Petroleum Hydrocarbons						
										TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL										3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil																
NEPM 2013 HIL-Recreational C Soil																
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										700	1000					3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										700	1000					2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										800	1000					5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-			
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	<10	<50	<100	<100	<50	<250			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-			
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-			
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	<10	<50	<100	<100	<50	<250			
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	<10	<50	<100	<100	<50	<250			
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	<10	<50	<100	<100	<50	<250			
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	<10	<50	<100	<100	<50	<250			

										Total Petroleum Hydrocarbons						
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										50	100	100	50	50	100	100
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil																
NEPM 2013 HIL-Recreational C Soil																
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	-	-	-	-	
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	-	-	-	-	
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	-	-	-	-	
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	-	-	-	-	
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	-	-	-	-	
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	-	-	-	-	
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	-	-	-	-	
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	-	-	-	-	
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	-	-	-	-	
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	-	-	-	-	
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	-	-	-	-	
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	-	-	-	-	-	-	
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	-	-	-	-	-	-	
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	-	-	-	-	-	-	-	
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	-	-	-	-	-	-	
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	-	-	-	-	-	-	
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	-	-	-	-	-	-	
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	-	-	-	-	-	-	
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	-	-	-	-	-	-	
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	-	-	-	-	-	-	

										Total Petroleum Hydrocarbons						
										TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL										3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil																
NEPM 2013 HIL-Recreational C Soil																
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										700	1000					3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										700	1000					2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										800	1000					5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	<10	<50	<100	140	140	290	140		
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	<10	<50	<100	<100	<50	<250			
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	<10	<50	<100	<100	<50	<250			
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	<10	<50	<100	<100	<50	<250			
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<10	<50	<100	<100	<50	<250			
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	<10	<50	<100	<100	<50	<250			
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	<10	<50	<100	<100	<50	<250			
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	<10	<50	<100	<100	<50	<250			
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	<10	<50	120	140	260	310	260		
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	<10	<50	<100	<100	<50	<250			
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	<10	<50	<100	<100	<50	<250			
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	<10	<50	110	140	250	300	250		
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<10	<50	<100	<100	<50	<250			
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<10	<50	<100	<100	<50	<250			
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	<10	<50	<100	<100	<50	<250			
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<10	<50	<100	<100	<50	<250			
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	<10	<50	<100	<100	<50	<250			
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	<10	<50	<100	<100	<50	<250			
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	<20	<20	<50	<50	<50	<120			
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<20	<20	<50	<50	<50	<120			
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<20	<20	<50	<50	<50	<120			
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<20	<20	<50	<50	<50	<120			
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<20	<20	<50	<50	<50	<120			
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<20	<20	<50	<50	<50	<120			
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<20	<20	<50	<50	<50	<120			

										Total Petroleum Hydrocarbons										
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			700	1000				3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			700	1000				2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	-	-	-	-	-	<10	<50	140	130	270	320	270
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	

										Total Petroleum Hydrocarbons										
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			700	1000				3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			700	1000				2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	390	600	990	1040	990
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	-	-	-	-	-	<10	<50	2950	3620	6570	6620	6570
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	190	170	360	410	360

										Total Petroleum Hydrocarbons									
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			700	1000				3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			700	1000				2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	-	-	-	-	-	-	<10	<50	110	<100	110	260	110
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	-	-	-	-	-	-	<10	<50	190	150	340	390	340
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	400	230	630	680	630
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	180	190	370	420	370
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	

										Total Petroleum Hydrocarbons										
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
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NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			700	1000				3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			700	1000				2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	<50	180	310	490	540	490		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	<20	-	-	-	-	-			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	-	-	-	-	-	-	<10	<50	1400	690	2090	2140	2090		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	110	110	260	110		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	160	<100	160	310			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	-	-	-	-	-	-	11	<50	120	<100	120	270			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	-	-	-	-	-	-	<10	<50	140	110	250	300			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250			

										Total Petroleum Hydrocarbons							
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										50	100	100	50	50	100	100	50
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
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NEPM 2013 HIL-Commercial/Industrial D Soil																	
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	310	180	490	540	490
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	670	310	980	1030	980
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	

										Total Petroleum Hydrocarbons							
										TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*	
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQL										3	3	3	5	3			
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
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2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																	
NEPM 2013 HIL-Recreational C Soil																	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil										700	1000					3500	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil										700	1000					2500	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil										800	1000					5000	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	<10	<50	<100	<100	<50	<250									
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-									
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	<10	<50	<100	<100	<50	<250									
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	<10	<50	<100	<100	<50	<250									
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	<10	<50	<100	<100	<50	<250									
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	<10	<50	<100	<100	<50	<250									
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-									
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<10	<50	310	180	490	540	490								
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	<10	<50	670	310	980	1030	980								
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-									
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<10	<50	<100	<100	<50	<250									
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	<10	<50	<100	<100	<50	<250									

										Total Petroleum Hydrocarbons									
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			700	1000				3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			700	1000				2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	<10	<50	110	120	230	280	230
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	<10	<50	100	100	200	250	200
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	170	140	310	360	310
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<20	<50	200	200	-	450	400
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	-	-	-	-	-	-	<20	<50	2000	1200	-	3250	3200
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<20	<50	220	300	-	570	520
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	

												Total Petroleum Hydrocarbons									
												TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL												50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																										
0-1m																										
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NEPM 2013 HIL-Commercial/Industrial D Soil																										
NEPM 2013 HIL-Recreational C Soil																										
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				700	1000					3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				700	1000					2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				800	1000					5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																										
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<20	<50	840	680	-	1570	1520
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<20	<50	1000	820	-	1870	1820
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<10	<50	1370	850	2220	2270	2220
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	320	300	620	670	620
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	

										Total Petroleum Hydrocarbons										
										TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL										50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			700	1000				3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			700	1000				2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			800	1000				5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	250	140	390	440	390
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	-	-	-	-	-	-	<10	<50	570	650	1220	1270	1220
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	1460	660	2120	2170	2120
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	-	-	-	-	-	-	<10	70	940	820	1830	1830	1760
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

												Total Petroleum Hydrocarbons									
												TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Lab Sum) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Lab Sum) SG Cleanup	TRH C6 - C9 (assumed equvalent to F1)	TRH C10 - C14 (assumed equvalent to F2)	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH C15 - C36 Fraction calculated (F3)*
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL												50	100	100	50	50	100	100	50	3	3	3	5	3		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																										
0-1m																										
1-2m																										
2-4m																										
>4m																										
NEPM 2013 HIL-Commercial/Industrial D Soil																										
NEPM 2013 HIL-Recreational C Soil																										
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				700	1000					3500
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				700	1000					2500
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				800	1000					5000
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																										
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	1510	800	2310	2360	2310
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	-	-	-	-	-	<10	50	480	390	920	920	870
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	140	<100	140	290	140
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	110	220	330	380	330
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<0.5	<1	<0.5	<0.5
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	-	-	-	-	-	-	-	<0.5	<1	<0.5	<0.5
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<0.5	<1	<0.5	<0.5
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	-	-	-	-	-	-	-	<0.5	<1	<0.5	<0.5
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	-	-	-	-	-	-	-	<0.5	<1	<0.5	<0.5
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	-	-	-	-	-	-	-	<0.5	<1	<0.5	<0.5
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	-	-	-	-	-	-	-	<0.5	<1	<0.5	<0.5
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	-	-	-	-	-	-	-	<0.5	<1	<0.5	<0.5
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	-	-	-	-	-	-	-	<0.5	<1	<0.5	<0.5
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	350	<10	<10	<50	-	<50	350	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	310	<10	<10	<50	-	<50	310	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	180	<10	<10	<50	-	<50	180	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	260	<10	<10	<50	-	<50	260	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	410	<10	<10	<50	-	<50	310	100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	120	<10	<10	<50	-	<50	120	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	1420	-	-	<50	-	-	1130	290	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	480	-	-	<50	-	-	300	180	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	290	<10	<10	<50	-	<50	140	150	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	390	<10	<10	<50	-	<50	390	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	120	-	-	<50	-	-	120	<100	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	180	-	-	<50	-	-	180	<100	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	330	-	-	<50	-	-	220	110	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	330	-	-	<50	-	-	210	120	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	<20	<20	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	240	<10	<10	<50	-	<50	240	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	240	<10	<10	<50	-	<50	120	120	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	140	<10	<10	<50	-	<50	140	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	110	<10	<10	<50	-	<50	110	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	120	-	-	<50	-	-	120	<100	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	1290	-	-	<50	-	-	830	460	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	8140	-	-	<50	-	-	5960	2180	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	130	<10	<10	<50	-	<50	130	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	320	<10	<10	<50	-	<50	320	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	160	<10	<10	<50	-	<50	160	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	320	<10	<10	<50	-	<50	320	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	600	<10	<10	<50	-	<50	600	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	330	<10	<10	<50	-	<50	330	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	540	-	-	<50	-	<50	410	130	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	<20	<20	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	2300	<10	<10	90	-	90	1960	250	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	200	<10	<10	<50	-	<50	200	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	240	<10	<10	<50	-	<50	240	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	150	11	11	<50	-	<50	150	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	220	<10	<10	<50	-	<50	220	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	460	<10	<10	<50	-	<50	460	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	920	<10	<10	<50	-	<50	920	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	200	<10	<10	<50	-	<50	200	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	120	<10	<10	<50	-	<50	120	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	180	<10	<10	<50	-	<50	180	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	290	<10	<10	<50	-	<50	290	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<50	<10	<10	<50	<50	-	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<50	<10	<10	<50	<50	-	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	<50	<10	<10	<50	<50	-	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	<50	<10	<10	<50	<50	-	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<50	<10	<10	<50	<50	-	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	2630	<10	<10	80	-	80	2000	550	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	750	<10	<10	<50	-	<50	540	210	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	380	<10	<10	<50	-	<50	380	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	1480	<10	<10	<50	-	<50	1060	420	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	2300	<10	<10	110	-	110	1920	270	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	2090	<10	<10	110	-	110	1560	420	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	<50	<10	<10	<50	-	<50	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-

								Total Petroleum Hydrocarbons								E-Nitrobenzenes		Explosives	
								TRH+C10 - C40 (Lab Sum)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction - Naphthalene F2	TRH >C10 - C16 Fraction - Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								50	3	10	50	50	50	100	100	0.5	1	0.5	0.5
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil									700		1000			3500	10000				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil									700		1000			2500	10000				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil									800		1000			5000					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil									800		1000			3500					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	2610	<10	<10	100	100	100	2120	390	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	1060	<10	<10	80	80	80	780	200	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	<50	<10	<10	<50	<50	<50	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	<50	<10	<10	<50	<50	<50	<100	<100	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	210	-	-	<50	-	-	210	<100	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	110	-	-	<50	-	-	110	<100	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	500	-	-	<50	-	-	240	260	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	150	-	-	<50	-	-	150	<100	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	<50	-	-	<50	-	-	<100	<100	-	-	-	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

									Halogenated Benzenes												
									1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil																					80		
NEPM 2013 HIL-Recreational C Soil																					10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill		<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill		<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill		<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill		<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill		<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill		<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural		<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural		<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural		<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill		-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill		-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill		-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural		-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-

									Halogenated Benzenes													
									1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil																					80		
NEPM 2013 HIL-Recreational C Soil																					10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.07	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.07	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.07	-	-

								Halogenated Benzenes																					
								1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
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2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																				80		
NEPM 2013 HIL-Recreational C Soil																				10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	-	-	<0.5	<0.01	<0.02	<0.5	<0.02	<0.5	<0.5	<0.5	<0.02	<0.03	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

									Halogenated Benzenes													
									1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 HIL-Commercial/Industrial D Soil																					80		
NEPM 2013 HIL-Recreational C Soil																					10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.12	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.11	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-

										Halogenated Benzenes												
										1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																						80		
NEPM 2013 HIL-Recreational C Soil																						10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.19	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-

								Halogenated Benzenes														
								1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																				80		
NEPM 2013 HIL-Recreational C Soil																				10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-

									Halogenated Benzenes																
									1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-

								Halogenated Benzenes															
								1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
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2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																				80		
NEPM 2013 HIL-Recreational C Soil																				10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.12	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Halogenated Benzenes																	
								1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<1.24	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-

								Halogenated Benzenes														
								1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix															
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.19	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-

									Halogenated Benzenes													
									1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 HIL-Commercial/Industrial D Soil																					80		
NEPM 2013 HIL-Recreational C Soil																					10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural		-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-

									Halogenated Benzenes													
									1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 HIL-Commercial/Industrial D Soil																					80		
NEPM 2013 HIL-Recreational C Soil																					10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.02	<0.03	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill		-	-	-	<0.5	<0.01	<0.02	<0.5	<0.02	<0.5	<0.5	<0.5	<0.02	<0.03	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

									Halogenated Benzenes															
									1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-

									Halogenated Benzenes													
									1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil																					80		
NEPM 2013 HIL-Recreational C Soil																					10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.37	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.37	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

									Halogenated Benzenes													
									1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil																					80		
NEPM 2013 HIL-Recreational C Soil																					10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.35	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill		-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.19	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Halogenated Benzenes												
										1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene	Tributyltin
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5	5E-04
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																						80		
NEPM 2013 HIL-Recreational C Soil																						10		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-	-	-	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								Herbicides		MAH													
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5

								Herbicides		MAH													
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<0.05	<6	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	<0.05	<6	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	<0.05	<6	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.05	<5	<0.5	<0.5	<0.2	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	<10	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	<9	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5

								Herbicides		MAH													
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.12	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.12	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<0.05	<5	-	-	0.6	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<0.05	<10	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	<99	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
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2-4m												3|6|9									
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NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<0.05	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	<0.05	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

								Herbicides		MAH													
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	<1	<1	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.11	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.05	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.05	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<0.11	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	<0.12	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.05	<5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5

								Herbicides		MAH													
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.23	<30	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.21	<29	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.24	<28	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<0.23	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.24	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Herbicides		MAH												
								Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m												3|4									
1-2m												3|4|6									
2-4m												3|6|9									
>4m												3|10									
NEPM 2013 HIL-Commercial/Industrial D Soil								2500													
NEPM 2013 HIL-Recreational C Soil								400													
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<0.23	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.22	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.2	<0.1	-	-	-	<0.7	<0.1	<0.1	<0.1	-	<0.2	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.2	<0.1	-	-	-	<0.7	<0.1	<0.1	<0.1	-	<0.2	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.2	<0.1	-	-	-	<0.7	<0.1	<0.1	<0.1	-	<0.2	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.2	<0.1	-	-	-	<0.7	<0.1	<0.1	<0.1	-	<0.2	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.2	<0.1	-	-	-	<0.7	<0.1	<0.1	<0.1	-	<0.2	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.2	<0.1	-	-	-	<0.7	<0.1	<0.1	<0.1	-	<0.2	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.2	<0.1	-	-	-	<0.7	<0.1	<0.1	<0.1	-	<0.2	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.2	<0.1	-	-	-	<0.7	<0.1	<0.1	<0.1	-	<0.2	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.2	<0.1	-	-	-	<0.7	<0.1	<0.1	<0.1	-	<0.2	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.17	<0.17	<0.17	<0.34	<0.17
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.17	<0.17	<0.17	<0.34	<0.17
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.17	<0.17	<0.17	<0.34	<0.17
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.07	<0.07	<0.07	<0.14	<0.07
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.07	<0.07	<0.07	<0.14	<0.07
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.07	<0.07	<0.07	<0.14	<0.07

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.04	<0.04	<0.04	<0.08	<0.04
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.04	<0.36	<0.18
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.12	<0.12	<0.12	<0.24	<0.12
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.11	<0.11	<0.11	<0.22	<0.11
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.18	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.19	<0.19	<0.19	<0.38	<0.19
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	<0.5	<0.5	-	-	-	<2.7	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	<0.5	<0.5	-	-	-	<2.7	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	<0.5	<0.5	-	-	-	<2.7	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	<0.5	<0.5	-	-	-	<2.7	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.04	<0.04	<0.04	<0.08	<0.04
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.17	<0.17	<0.17	<0.34	<0.17
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.1	<0.05	<0.15	-	-	<0.5	-	<0.05	<0.05	-	<0.1	<0.05
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<0.5	<0.5	<0.5	0.6	-	3.6	-	<0.04	<0.04	<0.04	<0.08	<0.04
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.12	<0.12	<0.12	<0.24	<0.12
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<1.24	<1.24	<1.24	<2.48	<1.24
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.17	<0.17	<0.17	<0.34	<0.17
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.19	<0.19	<0.19	<0.38	<0.19
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	<1	<1	<1	-	<0.4	<6.4	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.17	<0.17	<0.17	<0.34	<0.17
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	<0.5	<0.5	<0.5	-	<0.2	<3.2	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	<0.2	<0.1	-	-	-	<0.7	-	<0.5	<0.5	-	<1	<0.5
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.04	<0.04	<0.04	<0.08	<0.04
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.04	<0.04	<0.04	<0.08	<0.04
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.04	<0.04	<0.04	<0.08	<0.04
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.37	<0.37	<0.37	<0.74	<0.37
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.37	<0.37	<0.37	<0.74	<0.37
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.35	<0.35	<0.35	<0.7	<0.35
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.19	<0.19	<0.19	<0.38	<0.19
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-

								MAH						Organochlorine Pesticides					
								Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)	2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.05	0.15	0.2	0.2		0.1	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m										230									
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																	45	45	
NEPM 2013 HIL-Recreational C Soil																	10	10	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	<0.5	<0.5	<0.5	-	<0.2	<2.7	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.04	<0.04	<0.04	<0.08	<0.04
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.18	<0.18	<0.18	<0.36	<0.18
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.03	<0.03	<0.03	<0.06	<0.03
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	<0.2	<0.1	-	-	-	<0.7	-	<0.05	<0.05	-	<0.1	<0.05
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.17	<0.17	<0.17	<0.34	<0.17
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	<0.5	<0.5	<0.5	<0.2	-	<3.2	-	<0.06	<0.06	<0.06	<0.12	<0.06

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

										Organochlorine Pesticides										
										Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										530								3600	3600	
NEPM 2013 HIL-Recreational C Soil										70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.3	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.3	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.3	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.3	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.3	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.3	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.3	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.3	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.3	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03

									Organochlorine Pesticides											
									Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									530								3600	3600	
NEPM 2013 HIL-Recreational C Soil									70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill		<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill		<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill		<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.51	<0.17
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill		<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.51	<0.17
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill		<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.51	<0.17
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.21	<0.07
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.21	<0.07
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.21	<0.07

									Organochlorine Pesticides											
									Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									530								3600	3600	
NEPM 2013 HIL-Recreational C Soil									70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill		<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-	-

										Organochlorine Pesticides											
										Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										530								3600	3600	
NEPM 2013 HIL-Recreational C Soil										70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	<0.15	<0.04
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	<0.04	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	<0.12	<0.12	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.36	<0.12
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	<0.11	<0.11	-	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.33	<0.11
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03

											Organochlorine Pesticides										
											Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
											mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL											0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil											530								3600	3600	
NEPM 2013 HIL-Recreational C Soil											70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	<0.18	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.57	<0.19
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides											
									Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									530								3600	3600	
NEPM 2013 HIL-Recreational C Soil									70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03

									Organochlorine Pesticides										
									Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									530								3600	3600	
NEPM 2013 HIL-Recreational C Soil									70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill		<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	<0.15	<0.04
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill		<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill		<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.51	<0.17
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill		<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05

									Organochlorine Pesticides										
									Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									530								3600	3600	
NEPM 2013 HIL-Recreational C Soil									70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill		<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill		<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	<0.15	<0.04
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill		<0.12	<0.12	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.36	<0.12
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill		<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill		<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural		-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides										
									Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									530								3600	3600	
NEPM 2013 HIL-Recreational C Soil									70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill		<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill		<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill		<1.24	<1.24	-	<1.24	<1.24	<1.24	<1.24	<1.24	<1.24	<3.72	<1.24
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill		<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.51	<0.17
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill		<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill		<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18

									Organochlorine Pesticides										
									Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									530								3600	3600	
NEPM 2013 HIL-Recreational C Soil									70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill		<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil		<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.57	<0.19
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill		<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural		<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill		<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill		<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural		-	-	-	-	-	-	-	-	-	-	-

										Organochlorine Pesticides										
										Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										530								3600	3600	
NEPM 2013 HIL-Recreational C Soil										70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.51	<0.17
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides										
									Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									530								3600	3600	
NEPM 2013 HIL-Recreational C Soil									70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides											
									Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									530								3600	3600	
NEPM 2013 HIL-Recreational C Soil									70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05

										Organochlorine Pesticides											
										Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
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1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										530								3600	3600	
NEPM 2013 HIL-Recreational C Soil										70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<1.5	<0.5
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	<0.15	<0.04
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	<0.15	<0.04
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	<0.15	<0.04
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.37	<0.37	-	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<1.11	<0.37
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.37	<0.37	-	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<1.11	<0.37
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-

										Organochlorine Pesticides										
										Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										530								3600	3600	
NEPM 2013 HIL-Recreational C Soil										70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18		
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.35	<0.35	-	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<1.05	<0.35		
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18		
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.57	<0.19		
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-		

										Organochlorine Pesticides										
										Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)	DDT+DDE+DDD (Sum of total)	Dieldrin
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										530								3600	3600	
NEPM 2013 HIL-Recreational C Soil										70								400	400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	<0.15	<0.04
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.54	<0.18
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.15	<0.03
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.15	<0.05
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.51	<0.17
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.18	<0.06

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

									Organochlorine Pesticides													
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-

									Organochlorine Pesticides											
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	<0.07	<0.07	<0.07	<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	<0.07	<0.07	<0.07	<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	<0.07	<0.07	<0.07	<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	-

														Organochlorine Pesticides												
														Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
														mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL														0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																									
0-1m																									
1-2m																									
2-4m																									
>4m																									
NEPM 2013 HIL-Commercial/Industrial D Soil														2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil														340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																									
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																									
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																									
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																									
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides													
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	<0.12	<0.12	<0.12	<0.12	<0.12	-	<0.12	<0.12	<0.12	<0.12	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	<0.11	<0.11	<0.11	<0.11	<0.11	-	<0.11	<0.11	<0.11	<0.11	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-

														Organochlorine Pesticides													
														Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
														mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL														0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																									
0-1m																									
1-2m																									
2-4m																									
>4m																									
NEPM 2013 HIL-Commercial/Industrial D Soil														2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil														340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																									
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																									
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																									
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																									
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	<0.19	<0.19	<0.19	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Organochlorine Pesticides													
										Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil										2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil										340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-

									Organochlorine Pesticides													
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-

									Organochlorine Pesticides													
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	<0.04	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	<0.12	<0.12	<0.12	<0.12	<0.12	-	<0.12	<0.12	<0.12	<0.12	<0.12	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides											
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	<1.24	<1.24	<1.24	<1.24	<1.24	-	<1.24	<1.24	<1.24	<1.24	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-

									Organochlorine Pesticides															
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	<0.19	<0.19	<0.19	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides															
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides															
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides													
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-

														Organochlorine Pesticides													
														Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
														mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL														0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																									
0-1m																									
1-2m																									
2-4m																									
>4m																									
NEPM 2013 HIL-Commercial/Industrial D Soil														2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil														340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																									
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																									
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																									
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																									
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	<0.37	<0.37	<0.37	<0.37	<0.37	-	<0.37	<0.37	<0.37	<0.37	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	<0.37	<0.37	<0.37	<0.37	<0.37	-	<0.37	<0.37	<0.37	<0.37	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-

								Organochlorine Pesticides											
								Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil								2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil								340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	<0.35	<0.35	<0.35	<0.35	<0.35	-	<0.35	<0.35	<0.35	<0.35	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	<0.19	<0.19	<0.19	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides															
									Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil									2000				100				50		2500	
NEPM 2013 HIL-Recreational C Soil									340				20				10		400	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

									Organochlorine Pesticides								Organophosphorous Pesticides						
									o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil															160						2000		
NEPM 2013 HIL-Recreational C Soil															30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill		<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill		<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill		<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill		<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill		<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill		<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural		<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural		<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural		<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill		-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill		-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill		-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural		-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-

										Organochlorine Pesticides								Organophosphorous Pesticides						
										o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																160						2000		
NEPM 2013 HIL-Recreational C Soil																30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	<0.04	<1.47	<0.04	<1.12	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	<0.07	<1.47	<0.07	<1.12	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	<0.07	<1.47	<0.07	<1.12	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

										Organochlorine Pesticides								Organophosphorous Pesticides						
										o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																160						2000		
NEPM 2013 HIL-Recreational C Soil																30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Organochlorine Pesticides								Organophosphorous Pesticides						
										o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																160						2000		
NEPM 2013 HIL-Recreational C Soil																30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	<0.04	<3.64	<0.04	<2.74	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	<0.12	<2.52	<0.12	<1.92	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	<0.11	<2.31	<0.11	<1.76	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides								Organophosphorous Pesticides						
									o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil															160						2000		
NEPM 2013 HIL-Recreational C Soil															30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural		-	<0.18	<0.84	<0.18	<0.63	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill		-	<0.19	<3.99	<0.19	<3.04	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill		-	<0.06	<1.26	<0.06	<0.96	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill		-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill		-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides								Organophosphorous Pesticides						
									o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil															160						2000		
NEPM 2013 HIL-Recreational C Soil															30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-

										Organochlorine Pesticides								Organophosphorous Pesticides						
										o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																160						2000		
NEPM 2013 HIL-Recreational C Soil																30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides								Organophosphorous Pesticides						
									o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
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2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil															160						2000		
NEPM 2013 HIL-Recreational C Soil															30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	<0.07	<2.52	<0.07	<1.92	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides								Organophosphorous Pesticides						
									o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil															160						2000		
NEPM 2013 HIL-Recreational C Soil															30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	<1.24	<26.04	<1.24	<19.84	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

										Organochlorine Pesticides								Organophosphorous Pesticides						
										o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
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NEPM 2013 HIL-Commercial/Industrial D Soil																160						2000		
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	<0.19	<3.99	<0.19	<3.04	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Organochlorine Pesticides								Organophosphorous Pesticides						
										o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Organochlorine Pesticides								Organophosphorous Pesticides						
										o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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										o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-

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										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	<0.37	<7.77	<0.37	<5.92	-	-	-	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	<0.37	<7.77	<0.37	<5.92	-	-	-	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

									Organochlorine Pesticides								Organophosphorous Pesticides						
									o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil															160						2000		
NEPM 2013 HIL-Recreational C Soil															30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill		-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil		-	<0.35	<7.35	<0.35	<5.6	-	-	-	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill		-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill		-	<0.19	<3.99	<0.19	<3.04	-	-	-	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Organochlorine Pesticides								Organophosphorous Pesticides						
										o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																160						2000		
NEPM 2013 HIL-Recreational C Soil																30						250		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23		
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22		
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	<0.06	<1.26	<0.06	<0.96	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	<0.06	<1.26	<0.06	<0.96	-	-	-	-	-	-	-	-	-	-	-	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								Organophosphorous Pesticides											
								Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-

									Organophosphorous Pesticides												
									Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL									0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-

								Organophosphorous Pesticides											
								Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
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2-4m																			
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NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-

									Organophosphorous Pesticides												
									Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL									0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	-	-	-	-	-	-	-	-	-

									Organophosphorous Pesticides												
									Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL									0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.2	<0.2	<0.2	<0.12	<0.12	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.2	<0.2	<0.2	<0.12	<0.12	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-

								Organophosphorous Pesticides											
								Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
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NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-

								Organophosphorous Pesticides											
								Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	-

								Organophosphorous Pesticides											
								Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
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NEPM 2013 HIL-Commercial/Industrial D Soil																			
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-

								Organophosphorous Pesticides											
								Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-

									Organophosphorous Pesticides												
									Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL									0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
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NEPM 2013 HIL-Commercial/Industrial D Soil																				
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-

									Organophosphorous Pesticides												
									Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL									0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.2	<0.2	<0.2	<0.11	<0.11	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-

									Organophosphorous Pesticides												
									Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL									0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.2	<0.2	<0.2	<0.11	<0.11	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.2	<0.2	<0.2	<0.12	<0.12	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-

								Organophosphorous Pesticides											
								Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-

										Organophosphorous Pesticides												
										Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL										0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.23	<0.23	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.21	<0.21	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-

								Organophosphorous Pesticides											
								Dichlorvos	Dimethoate	Ethion	Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	CEC
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.2	<0.2	<0.2	<0.24	<0.24	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.23	<0.23	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.2	<0.2	<0.2	<0.24	<0.24	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-

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									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	meq/kg
EQL									0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05	1
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.23	<0.23	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.2	<0.2	<0.2	<0.22	<0.22	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.5	<0.1	<0.5	<0.1	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.5	<0.1	<0.5	<0.1	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.5	0.47	<0.5	0.53	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.5	0.26	<0.5	0.2	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.5	<0.1	<0.5	<0.1	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.5	<0.1	<0.5	<0.1	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.5	<0.1	<0.5	<0.1	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.5	<0.1	<0.5	<0.1	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.5	<0.1	<0.5	<0.1	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.5
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-	<0.5
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.5
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
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>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	-	-	-	-	<0.12	<0.12	<0.12
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	-	-	-	-	<0.12	<0.12	<0.12
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	-	-	-	-	<0.11	<0.11	<0.11
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	-	-	-	-	<0.11	<0.11	<0.11
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	-	-	-	-	<0.12	<0.12	<0.12
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.05
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	-	-	-	-	-	-	<0.05

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.5
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	-	-	-	<0.23	<0.23	<0.23
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	-	-	-	<0.21	<0.21	<0.21
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	-	-	-	-	<0.05	<0.05	<0.2
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	-	-	-	-	<0.24	<0.24	<0.24
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	-	-	-	-	<0.23	<0.23	<0.23
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	-	-	-	-	<0.24	<0.24	<0.24
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-

								PAH-Others						Pesticides-Others		
								1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene	Bifenthrin	Demeton-s-methyl	Mirex
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.1	0.5	0.005	0.004	0.005	0.05	0.05	0.05
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																
0-1m																
1-2m																
2-4m																
>4m																
NEPM 2013 HIL-Commercial/Industrial D Soil														4500		100
NEPM 2013 HIL-Recreational C Soil														730		20
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	-	-	-	<0.23	<0.23	<0.23
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	-	-	-	<0.22	<0.22	<0.22
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	-	-	-	-	-	-	-	<0.05
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	-	-	-	-	-	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								Phenolics									
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3 - & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1

									Phenolics									
									2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																	240000	
NEPM 2013 HIL-Recreational C Soil																	40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill		<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill		<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill		<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill		<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill		<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		<1	<6	<1	<1	<1	<6	<6	<6	<1	<1
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural		-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		<1	<6	<1	<1	<1	<6	<6	<6	<1	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		<1	<6	<1	<1	<1	<6	<6	<6	<1	<1

								Phenolics									
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-

								Phenolics									
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	<1	<10	<1	<1	<1	<10	<10	<10	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	<1	<9	<1	<1	<1	<9	<9	<9	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1

									Phenolics									
									2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3 - & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																	240000	
NEPM 2013 HIL-Recreational C Soil																	40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill		<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill		<1	<15	<1	<1	<1	<15	<14	<15	<1	<1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill		<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural		-	-	-	-	-	-	-	-	-	-

								Phenolics									
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1

								Phenolics									
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3 - & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20

								Phenolics									
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<1	<10	<1	<1	<1	<10	<10	<10	<1	<1
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-

								Phenolics									
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	<1	<99	<1	<1	<2	<99	<99	<99	<1	<1
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1

								Phenolics													
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3 - & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	<1	<15	<1	<1	<1	<15	<14	<15	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-

								Phenolics									
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3 - & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
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2-4m																	
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NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<1	<15	<1	<1	<1	<15	<14	<15	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<1	<15	<1	<1	<1	<15	<14	<15	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-

									Phenolics									
									2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
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NEPM 2013 HIL-Commercial/Industrial D Soil																	240000	
NEPM 2013 HIL-Recreational C Soil																	40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural		-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural		-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural		-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural		-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill		-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill		-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill		-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill		-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural		-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural		-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural		-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural		-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural		-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill		<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-

								Phenolics															
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3 - & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-

												Phenolics									
												2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3 - & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil																				240000	
NEPM 2013 HIL-Recreational C Soil																				40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<1	<30	<1	<1	<1	<30	<29	<30	<1	<1
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<1	<29	<1	<1	<1	<29	<29	<29	<1	<1
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-

								Phenolics									
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
1-2m																	
2-4m																	
>4m																	
NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<1	<28	<1	<1	<1	<28	<28	<28	<1	<1
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-

								Phenolics									
								2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3 -& 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																	
0-1m																	
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NEPM 2013 HIL-Commercial/Industrial D Soil																240000	
NEPM 2013 HIL-Recreational C Soil																40000	
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																	
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																	
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																	
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																	
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								Phenolics-Halogenated												
								2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																		660		
NEPM 2013 HIL-Recreational C Soil																		120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03

									Phenolics-Halogenated													
									2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill		-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.17	<0.17	<0.2	-	<0.17
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill		-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.2	-	<0.17
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill		-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.2	-	<0.17
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		-	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.14	<0.07	<0.07	<0.2	-	<0.04
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		-	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.14	<0.07	<0.07	<0.2	-	<0.07
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		-	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.15	<0.07	<0.07	<0.2	-	<0.07

									Phenolics-Halogenated													
									2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
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NEPM 2013 HIL-Commercial/Industrial D Soil																			660		
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-

								Phenolics-Halogenated												
								2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.09	<0.04	<0.04	<0.2	-	<0.04
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.04
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.24	<0.12	<0.12	<0.2	-	<0.12
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	<0.11	<0.11	<0.11	<0.11	<0.11	<0.23	<0.11	<0.11	<0.2	-	<0.11
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03

								Phenolics-Halogenated												
								2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																		660		
NEPM 2013 HIL-Recreational C Soil																		120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.18
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.37	<0.19	<0.19	<0.2	-	<0.19
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

								Phenolics-Halogenated												
								2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																		660		
NEPM 2013 HIL-Recreational C Soil																		120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.07	<0.03	<0.03	<0.2	-	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03

									Phenolics-Halogenated													
									2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil																			660		
NEPM 2013 HIL-Recreational C Soil																			120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill		-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill		-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.2	-	<0.17
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1

									Phenolics-Halogenated													
									2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil																			660		
NEPM 2013 HIL-Recreational C Soil																			120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill		-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill		-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill		-	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.24	<0.12	<0.12	<0.2	-	<0.07
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-

									Phenolics-Halogenated													
									2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil																			660		
NEPM 2013 HIL-Recreational C Soil																			120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill		-	-	<1.24	<1.24	<1.24	<1.24	<1.24	<2.48	<1.24	<1.24	<1.2	-	<1.24
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill		-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.2	-	<0.17
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.2	-	<0.18
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.2	-	<0.18

								Phenolics-Halogenated												
								2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
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NEPM 2013 HIL-Commercial/Industrial D Soil																		660		
NEPM 2013 HIL-Recreational C Soil																		120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.38	<0.19	<0.19	<0.2	-	<0.19
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

									Phenolics-Halogenated														
									2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil																			660		
NEPM 2013 HIL-Recreational C Soil																			120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill		-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.17	<0.17	<0.2	-	<0.17
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-

								Phenolics-Halogenated												
								2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																		660		
NEPM 2013 HIL-Recreational C Soil																		120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.07	<0.03	<0.03	<0.2	-	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

								Phenolics-Halogenated												
								2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
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NEPM 2013 HIL-Commercial/Industrial D Soil																		660		
NEPM 2013 HIL-Recreational C Soil																		120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-

								Phenolics-Halogenated												
								2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																		660		
NEPM 2013 HIL-Recreational C Soil																		120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	<0.37	<0.37	<0.37	<0.37	<0.37	<0.74	<0.37	<0.37	<0.4	-	<0.37
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	<0.37	<0.37	<0.37	<0.37	<0.37	<0.74	<0.37	<0.37	<0.4	-	<0.37
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

									Phenolics-Halogenated															
									2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
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NEPM 2013 HIL-Commercial/Industrial D Soil																			660		
NEPM 2013 HIL-Recreational C Soil																			120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	<0.35	<0.35	<0.35	<0.35	<0.35	<0.71	<0.35	<0.35	<0.4	-	<0.35
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.37	<0.19	<0.19	<0.2	-	<0.19
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

									Phenolics-Halogenated															
									2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 &2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
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NEPM 2013 HIL-Commercial/Industrial D Soil																			660		
NEPM 2013 HIL-Recreational C Soil																			120		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.07	<0.03	<0.03	<0.2	-	<0.03
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.2	-	<0.18
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.2	-	<0.17
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

										Polychlorinated Biphenyls											
									Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
									%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										7										7
NEPM 2013 HIL-Recreational C Soil										1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1

										Polychlorinated Biphenyls											
									Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
									%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										7										7
NEPM 2013 HIL-Recreational C Soil										1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.3
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.3

										Polychlorinated Biphenyls												
									Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
									%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil										7										7
NEPM 2013 HIL-Recreational C Soil										1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	5.6	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	6	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	11.6	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	3.8	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	1	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	7.7	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-

										Polychlorinated Biphenyls											
								Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
								%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									7										7
NEPM 2013 HIL-Recreational C Soil									1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.4
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	-	-	-	-	-	-	-	-	<1.5
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1

										Polychlorinated Biphenyls												
									Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
									%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										7										7
NEPM 2013 HIL-Recreational C Soil										1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<1.5
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<0.5	-	-	-	-	-	-	-	-	-	-	-

										Polychlorinated Biphenyls											
								Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
								%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									7										7
NEPM 2013 HIL-Recreational C Soil									1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	0.6	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	6.2	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	10.4	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	6	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	0.8	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	3.1	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	2.3	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	9.4	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	4.5	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	0.7	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	<0.5	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	<0.3
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	<0.1

										Polychlorinated Biphenyls												
										Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
										%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil											7										7
NEPM 2013 HIL-Recreational C Soil											1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.3
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	<1.5
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<1.5
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1

									Polychlorinated Biphenyls												
								Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
								%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									7										7
NEPM 2013 HIL-Recreational C Soil									1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-

										Polychlorinated Biphenyls											
								Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
								%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									7										7
NEPM 2013 HIL-Recreational C Soil									1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<1.5
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	<10
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7

										Polychlorinated Biphenyls												
										Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
										%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																					
0-1m																					
1-2m																					
2-4m																					
>4m																					
NEPM 2013 HIL-Commercial/Industrial D Soil											7										7
NEPM 2013 HIL-Recreational C Soil											1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																					
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																					
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																					
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																					
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<0.8
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	5.4	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	12.2	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	8.8	-	-	-	-	-	-	-	-	-	-	-

										Polychlorinated Biphenyls												
									Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
									%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										7										7
NEPM 2013 HIL-Recreational C Soil										1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	37.7	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	4	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	6.8	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	9.9	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	10.9	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	10.9	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	7.8	-	-	-	-	-	-	-	-	-	-	-	-

										Polychlorinated Biphenyls											
									Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
									%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										7										7
NEPM 2013 HIL-Recreational C Soil										1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	8.3	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	11.2	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	7.8	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	12.5	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	9.7	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	3.8	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	5.8	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	1.8	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	0.7	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

										Polychlorinated Biphenyls											
									Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
									%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil										7										7
NEPM 2013 HIL-Recreational C Soil										1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.2
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<10
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	-	-	-	-	-	-	-	-	-	<10
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<10
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	-	-	-	-	-	-	-	-	-	<1

									Polychlorinated Biphenyls																
								Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
								%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									7										7
NEPM 2013 HIL-Recreational C Soil									1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<10
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<10
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	<10
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	<10
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<10
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	<1.5
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<1.5
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-

									Polychlorinated Biphenyls																
								Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)						
								%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg						
EQL								0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005						
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																									
0-1m																									
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NEPM 2013 HIL-Commercial/Industrial D Soil									7											7					
NEPM 2013 HIL-Recreational C Soil									1											1					
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																									
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																									
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																									
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																									
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7						
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<1.4						
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7						
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7						
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-						
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-						

									Polychlorinated Biphenyls																
								Organic Matter	PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)
								%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5		0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil									7										7
NEPM 2013 HIL-Recreational C Soil									1										1
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<0.7
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.3
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.3
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	-	-	-	-	-	-	-	-	<1.5
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	<1
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<1.5
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.5

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																						
NEPM 2013 HIL-Recreational C Soil																						
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	0.66	-	160	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	-	-	-	-	-	-	-	-	<0.1	-	360	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	<0.1	-	200	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	<0.1	-	180	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	-	-	-	-	-	-	-	-	<0.1	-	370	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	-	-	-	-	-	-	-	-	<0.1	-	300	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	130	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	130	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	130	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	<0.1	-	199.336	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	0.3	-	262.101	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	0.3	-	204.939	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	206.047	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	-	<1	-	160	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	-	<1	-	180	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																						
NEPM 2013 HIL-Recreational C Soil																						
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-	-	<1	-	140	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-	-	<1	-	210	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	8	-	-	-	-	-	-	<1	<1	160	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	7.8	-	-	-	-	-	-	<1	<1	90	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	8.6	-	-	-	-	-	-	<1	<1	110	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	8	-	-	-	-	-	-	<1	<1	140	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	8.7	-	-	-	-	-	-	<1	<1	<40	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	-	7.7	-	-	-	-	-	-	<1	<1	110	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	-	11.7	-	-	-	-	-	-	<1	<1	120	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	-	9.8	-	-	-	-	-	-	<1	<1	160	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
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NEPM 2013 HIL-Commercial/Industrial D Soil																						
NEPM 2013 HIL-Recreational C Soil																						
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	8.7	-	-	-	-	-	-	<1	<1	160	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	8.6	-	-	-	-	-	-	<1	<1	210	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	8.7	-	-	-	-	-	-	<1	<1	120	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	-	8.6	-	-	-	-	-	-	<1	<1	140	-	33000	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	8.1	-	-	-	-	-	-	<1	<1	150	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	35000	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	67000	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	22000	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	6000	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	45000	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	<1	-	100	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	-	-	-	-	-	<1	-	330	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	-	-	-	-	-	<1	-	200	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	-	-	-	-	-	<1	-	180	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	<1	-	270	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																						
NEPM 2013 HIL-Recreational C Soil																						
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix															
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	-	-	-	-	-	-	<1	-	220	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	-	-	-	-	-	-	<1	-	190	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	-	-	-	-	-	-	<1	-	200	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	-	-	-	-	-	-	<1	-	280	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	-	-	-	-	-	-	<1	-	<40	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	-	-	-	-	-	-	1	-	240	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	-	-	-	-	-	-	<1	-	210	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	-	-	-	-	-	-	<1	-	300	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	<1	-	210	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	-	-	-	-	-	-	<1	-	170	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	-	-	-	-	-	-	<1	-	180	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	-	-	-	-	-	-	<1	-	160	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	<1	-	300	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	-	-	-	-	-	-	<1	-	200	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																						
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	-	-	-	-	-	<1	-	290	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	-	-	-	-	-	<1	-	300	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	<1	-	110	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	-	-	-	-	-	<1	-	220	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	-	-	-	-	-	<1	-	170	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	<1	-	180	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	<1	-	210	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	-	-	-	-	-	<1	-	170	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	-	-	-	-	-	<1	-	380	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	-	-	-	-	-	<1	-	240	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	9.8	-	-	-	-	-	-	<1	<1	100	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	8.7	-	-	-	-	-	-	<1	<1	120	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	8.6	-	-	-	-	-	-	<1	<1	280	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	8.6	-	-	-	-	-	-	<1	<1	180	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	<5000	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
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NEPM 2013 HIL-Commercial/Industrial D Soil																						
NEPM 2013 HIL-Recreational C Soil																						
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	<5000	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	36000	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	8.2	-	-	-	-	-	-	<1	<1	190	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	60000	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	35000	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	<5000	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	6.7	-	-	-	-	-	-	<1	<1	220	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	6.9	-	-	-	-	-	-	<1	<1	210	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	6.9	-	-	-	-	-	-	<1	<1	200	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	2	-	210	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	2	-	430	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	-	-	-	-	-	3	-	310	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	-	-	-	-	-	<1	-	410	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	1	-	320	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	2	-	420	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	1	-	140	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	-	-	-	-	-	<1	-	550	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	<1	-	80	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	<1	-	420	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	-	-	-	-	-	<1	-	430	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	-	-	-	-	-	<1	-	370	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	1	-	230	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	<1	-	530	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	-	-	-	-	-	<1	-	300	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	-	-	-	-	-	1	-	230	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	8.8	-	-	-	-	-	-	<1	<1	410	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	6.8	-	-	-	-	-	-	<1	<1	390	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	6.6	-	-	-	-	-	-	<1	<1	250	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	<5	-	340	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	-	-	-	-	-	-	-	<5	-	160	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	-	-	-	-	-	-	-	<5	-	580	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	-	-	-	-	-	-	-	<5	-	480	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	-	-	-	-	-	-	-	<5	-	800	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	-	-	-	-	-	-	-	<5	-	230	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	-	-	-	-	-	-	-	<5	-	190	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
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Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix															
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	-	-	-	-	-	-	-	<5	-	710	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	-	-	-	-	-	-	-	<5	-	<100	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	-	-	-	-	-	-	-	<5	-	560	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	<5	-	830	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	<5	-	770	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	-	-	-	-	-	-	-	<5	-	810	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	-	-	-	-	-	-	-	<5	-	630	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	<5	-	720	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	<5	-	740	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	<5	-	710	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	-	-	-	-	-	-	-	<5	-	540	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	-	-	-	-	-	-	-	<5	-	740	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	7.5	-	-	-	-	-	-	<1	<1	<40	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	7.3	-	-	-	-	-	-	<1	<1	140	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	6.9	-	-	-	-	-	-	<1	<1	440	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	5.8	-	-	-	-	-	-	<1	<1	100	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	7.8	-	-	-	-	-	-	<1	<1	100	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	7.9	-	-	-	-	-	-	<1	<1	160	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	9.7	-	-	-	-	-	-	<1	<1	80	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	12	-	-	-	-	-	-	<1	<1	120	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	7.8	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	8	-	-	-	-	-	-	<1	<1	510	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	8.2	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	7	-	-	-	-	-	-	<1	<1	320	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	7.9	-	-	-	-	-	-	<1	-	240	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	8.6	-	-	-	-	-	-	<1	<1	170	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	8	-	-	-	-	-	-	<1	-	200	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	10.1	-	-	-	-	-	-	1	-	160	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	8.2	-	-	-	-	-	-	<1	-	180	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	8	-	-	-	-	-	-	<1	-	40	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	9.3	-	-	-	-	-	-	<1	-	140	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	8.8	-	-	-	-	-	-	1	-	330	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	8.3	-	-	-	-	-	-	1	-	200	-	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	7.5	-	-	-	-	-	-	<1	<1	230	-	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	-	10.6	-	-	-	-	-	-	<1	<1	360	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	-	8.2	-	-	-	-	-	-	<1	<1	130	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	-	7.6	-	-	-	-	-	-	<1	<1	120	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	9.2	-	-	-	-	-	-	<1	<1	260	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	8.5	-	-	-	-	-	-	<1	<1	310	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	8.1	-	-	-	-	-	-	<1	<1	460	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	7.7	-	-	-	-	-	-	<1	<1	190	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	7.2	-	-	-	-	-	-	<1	<1	160	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	7.5	-	-	-	-	-	-	<1	<1	280	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	-	-	-	-	-	<1	-	360	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	-	-	-	-	-	<1	-	260	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	-	-	-	-	-	2	-	340	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	-	-	-	-	-	<1	-	<40	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	6.4	-	-	-	-	-	-	<1	<1	110	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	32000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	7.8	-	-	-	-	-	-	<1	<1	120	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	71000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	51000	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	219000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	23000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	8.4	-	-	-	-	-	-	<1	<1	120	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	8	-	-	-	-	-	-	<1	<1	160	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	7.9	-	-	-	-	-	-	<1	<1	170	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	7.9	-	-	-	-	-	-	<1	<1	150	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	7.1	-	-	-	-	-	-	<1	<1	60	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	7.5	-	-	-	-	-	-	<1	<1	130	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	7.2	-	-	-	-	-	-	<1	<1	220	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	7.7	-	-	-	-	-	-	<1	<1	130	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	7.6	-	-	-	-	-	-	<1	<1	70	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	7.9	-	-	-	-	-	-	<1	<1	60	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	7.7	-	-	-	-	-	-	<1	<1	200	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	40000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	58000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	63000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	63000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	45000	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	48000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	65000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	45000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	73000	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	56000	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	5.9	-	-	-	-	-	-	2	1	230	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	7.4	-	-	-	-	-	-	<1	<1	180	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	6.2	-	-	-	-	-	-	<1	<1	480	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	22000	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	-	5.7	-	-	-	-	-	-	<1	<1	130	-	34000	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	4.9	-	-	-	-	-	-	<1	<1	70	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	<5000	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	10000	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	<5000	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	5.9	-	-	-	-	-	-	<1	<1	150	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	5.4	-	-	-	-	-	-	<1	<1	150	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	6.8	-	-	-	-	-	-	<1	<1	260	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	5.8	-	-	-	-	-	-	<1	<1	130	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	7.1	-	-	-	-	-	-	<1	<1	180	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	7.5	-	-	-	-	-	-	<1	<1	160	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	5.4	-	-	-	-	-	-	<1	<1	250	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	6.7	-	-	-	-	-	-	<1	<1	160	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	7.8	-	-	-	-	-	-	<1	<1	180	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	<0.1	-	141.108	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	-	-	-	-	-	-	-	<0.1	-	172.976	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	0.2	-	151.092	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	124.188	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	56.935	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	78.687	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																						
NEPM 2013 HIL-Recreational C Soil																						
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix															
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	-	-	-	-	-	-	-	0.1	-	114.14	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	0.2	-	193.621	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	0.1	-	192.838	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	136.557	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	170.795	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	0.2	-	158.884	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	128.065	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	127.743	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	224.061	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	103.932	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	0.2	-	124.503	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	0.1	-	165.708	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	73.73	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	368.592	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	315.267	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	7	-	-	-	-	-	-	<1	<1	200	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	7.4	-	-	-	-	-	-	<1	<1	240	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	7.5	-	-	-	-	-	-	<1	<1	220	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	7.8	-	-	-	-	-	-	<1	<1	120	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	7.3	-	-	-	-	-	-	<1	<1	190	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																						
NEPM 2013 HIL-Recreational C Soil																						
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	7.9	-	-	-	-	-	-	<1	<1	110	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	7.7	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	7.7	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	5.2	-	-	-	-	-	-	<1	<1	200	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	6.3	-	-	-	-	-	-	<1	<1	100	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	6	-	-	-	-	-	-	3	<1	130	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Polychlorinated Biphenyls														
								Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride	Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
								uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL								1	0.1	0.1	10	10	10	10	10	50	0.1	1	25	0.01	5000	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																						
NEPM 2013 HIL-Recreational C Soil																						
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix															
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	6.2	-	-	-	-	-	-	1	<1	170	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	5.6	-	-	-	-	-	-	1	<1	190	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	5.8	-	-	-	-	-	-	<1	-	130	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	6.3	-	-	-	-	-	-	<1	-	70	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	7.1	-	-	-	-	-	-	<1	-	100	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	8	-	-	-	-	-	-	<1	-	90	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/(	2.2-2.3	Natural	-	-	-	-	-	-	-	-	-	<0.1	-	231	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	8.3	-	-	-	-	-	-	<1	-	120	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	8.3	-	-	-	-	-	-	<1	-	100	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	7.5	-	-	-	-	-	-	<1	-	60	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	7.5	-	-	-	-	-	-	<1	-	120	-	-	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								Solvents							SVOCs			
								Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL								0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	-	-	-

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-

								Solvents							SVOCs			
								Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL								0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
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1-2m																		
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>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																		
NEPM 2013 HIL-Recreational C Soil																		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
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>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill		-	-	-	-	-	-	-	-	-	-	-

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-	-

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill		<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill		<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill		<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill		<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill		<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill		<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill		<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-

								Solvents							SVOCs			
								Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL								0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																		
NEPM 2013 HIL-Recreational C Soil																		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
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NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
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1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural		<10	<10	<10	-	-	-	<10	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-

								Solvents									SVOCs					
								Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl				
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%				
EQL								0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1					
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
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NEPM 2013 HIL-Commercial/Industrial D Soil																						
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-				
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-				
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-				
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-				
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	<5	<5	<5	-	-	-	<5	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<5	<5	<5	-	-	-	<5	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<5	<5	<5	-	-	-	<5	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-				

								Solvents									SVOCs					
								Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl				
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%				
EQL								0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1					
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	-	-	-	<0.1	-	-	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	-	-	-	<0.1	-	-	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	-	-	-	<0.1	-	-	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	-	-	-	<0.1	-	-	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	-	-	-	<0.1	-	-	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	-	-	-	<0.1	-	-	-	-	-				

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural		-	-	-	-	-	-	-	-	-	-	-

									Solvents							SVOCs			
									Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL									0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																			
0-1m																			
1-2m																			
2-4m																			
>4m																			
NEPM 2013 HIL-Commercial/Industrial D Soil																			
NEPM 2013 HIL-Recreational C Soil																			
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																			
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																			
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																			
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																			
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural		-	-	-	-	-	<0.1	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

									Volatile Organic Compounds											
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill		-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill		-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill		<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill		<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill		<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural		<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02

									Volatile Organic Compounds									
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																		
NEPM 2013 HIL-Recreational C Soil																		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural		-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural		-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01

									Volatile Organic Compounds									
									cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene				
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
EQL									0.01	0.02	0.05	0.05	0.1	0.1				
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																		
NEPM 2013 HIL-Recreational C Soil																		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill		<0.01	<0.02	<0.01	<0.04	-	-				
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill		<0.01	<0.02	<0.01	<0.04	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill		<0.01	<0.02	<0.01	<0.04	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill		<0.01	<0.02	<0.01	<0.04	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		<0.01	<0.02	<0.01	<0.04	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural		-	-	-	-	-	-				
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural		-	-	-	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		<0.01	<0.02	<0.01	<0.04	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-				

									Volatile Organic Compounds									
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																		
NEPM 2013 HIL-Recreational C Soil																		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural		<0.01	<0.02	<0.01	<0.04	<0.5	<0.5	<0.5	<0.5	<0.02	<0.01
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural		-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural		-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural		-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill		-	-	-	-	-	-	-	-	-	-

									Volatile Organic Compounds									
									cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene				
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
EQL									0.01	0.02	0.05	0.05	0.1	0.1				
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																		
NEPM 2013 HIL-Recreational C Soil																		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill		<0.01	<0.02	<0.02	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural		<0.01	<0.02	<0.02	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill		<0.01	<0.02	<0.02	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural		<0.01	<0.02	<0.02	<0.5	<0.5	<0.5				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural		-	-	-	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural		-	-	-	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural		<0.01	<0.02	<0.02	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural		-	-	-	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural		-	-	-	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural		-	-	-	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural		-	-	-	-	-	-				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural		-	-	-	-	-	-				
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill		<0.01	<0.02	<0.02	-	-	-				
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill		<0.01	<0.02	<0.02	-	-	-				
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill		<0.01	<0.02	<0.02	-	-	-				
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural		-	-	-	-	-	-				
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural		<0.01	<0.02	<0.02	-	-	-				
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural		-	-	-	-	-	-				
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill		<0.01	<0.02	<0.02	-	-	-				
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill		-	-	-	-	-	-				

										Volatile Organic Compounds											
										1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																									
0-1m																									
1-2m																									
2-4m																									
>4m																									
NEPM 2013 HIL-Commercial/Industrial D Soil																									
NEPM 2013 HIL-Recreational C Soil																									
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																									
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																									
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																									
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																									
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-

									Volatile Organic Compounds											
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

									Volatile Organic Compounds											
									1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene								
									mg/kg	mg/kg	mg/kg	mg/kg								
EQL									0.05	0.05	0.1	0.1								
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5								

									Volatile Organic Compounds											
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02

									Volatile Organic Compounds											
									1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene								
									mg/kg	mg/kg	mg/kg	mg/kg								
EQL									0.05	0.05	0.1	0.1								
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill		-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural		-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural		-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural		-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural		-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill		<0.01	<0.02	<0.01	<0.04								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill		<0.01	<0.02	<0.01	<0.04								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural		-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural		-	-	-	-								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural		<0.5	<0.5	<0.5	<0.5								
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill		<0.01	<0.02	<0.01	<0.04								
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill		<0.01	<0.02	<0.01	<0.04								
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural		<0.01	<0.02	<0.01	<0.04								
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural		<0.01	<0.02	<0.01	<0.04								

										Volatile Organic Compounds													
										1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																									
0-1m																									
1-2m																									
2-4m																									
>4m																									
NEPM 2013 HIL-Commercial/Industrial D Soil																									
NEPM 2013 HIL-Recreational C Soil																									
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																									
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																									
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																									
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																									
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-

									Volatile Organic Compounds											
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill		<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural		-	-	-	-	-	-	-	-	-	-	-	-

									Volatile Organic Compounds											
									1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene								
									mg/kg	mg/kg	mg/kg	mg/kg								
EQL									0.05	0.05	0.1	0.1								
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill		<0.05	<0.05	<0.05	-								
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill		<0.02	<0.01	<0.01	<0.02								
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural		-	-	-	-								
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural		-	-	-	-								
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill		<0.02	<0.01	<0.01	<0.02								
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural		-	-	-	-								
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill		<0.02	<0.01	<0.01	<0.02								
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill		<0.02	<0.01	<0.01	<0.02								
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill		<0.02	<0.01	<0.01	<0.02								
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural		-	-	-	-								
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural		-	-	-	-								
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill		<0.02	<0.01	<0.01	<0.02								
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill		<0.02	<0.01	<0.01	<0.02								
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural		-	-	-	-								

									Volatile Organic Compounds									
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																		
NEPM 2013 HIL-Recreational C Soil																		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural		-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill		-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock		-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01

									Volatile Organic Compounds									
									1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene			
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
EQL									0.01	0.02	0.01	0.02	0.05	0.05	0.1	0.1		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																		
NEPM 2013 HIL-Recreational C Soil																		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural		-	-	-	-	-	-	-	-		
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural		-	-	-	-	-	-	-	-		
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural		-	-	-	-	-	-	-	-		
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural		-	-	-	-	-	-	-	-		
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural		-	-	-	-	-	-	-	-		
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural		-	-	-	-	-	-	-	-		
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural		-	-	-	-	-	-	-	-		
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill		-	-	-	-	-	-	-	-		
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock		-	-	-	-	-	-	-	-		
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-		

									Volatile Organic Compounds													
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

									Volatile Organic Compounds											
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

									Volatile Organic Compounds											
									1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene								
									mg/kg	mg/kg	mg/kg	mg/kg								
EQL									0.05	0.05	0.1	0.1								
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
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NEPM 2013 HIL-Commercial/Industrial D Soil																				
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	<1	<1	<1	<1	<1								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.01	<0.02	<0.01	<0.04	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<0.5	<0.5	<0.5	<0.5	<0.5								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-								
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5								

									Volatile Organic Compounds													
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
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NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill		<0.01	<0.02	<0.01	<0.04	<0.5	<0.5	<0.5	<0.5	<0.02	<0.01	<0.01	<0.02	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill		<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

									Volatile Organic Compounds									
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
1-2m																		
2-4m																		
>4m																		
NEPM 2013 HIL-Commercial/Industrial D Soil																		
NEPM 2013 HIL-Recreational C Soil																		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1

									Volatile Organic Compounds									
									cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene				
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
EQL									0.01	0.02	0.05	0.05	0.1	0.1				
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
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NEPM 2013 HIL-Commercial/Industrial D Soil																		
NEPM 2013 HIL-Recreational C Soil																		
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																		
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.02	<0.01	<0.01	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.02	<0.01	<0.01	<0.02	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.02	<0.01	<0.01	<0.02	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.02	<0.01	<0.01	<0.02	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.02	<0.01	<0.01	<0.02	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.02	<0.01	<0.01	<0.02	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.02	<0.01	<0.01	<0.02	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-				
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	<0.1	-	<0.1	<0.1	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	<0.1	-	<0.1	<0.1	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	<0.1	-	<0.1	<0.1	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	<0.1	-	<0.1	<0.1	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	<0.1	-	<0.1	<0.1	-	-	-				
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	<0.1	-	<0.1	<0.1	-	-	-				

									Volatile Organic Compounds											
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

									Volatile Organic Compounds											
									1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene								
									mg/kg	mg/kg	mg/kg	mg/kg								
EQL									0.05	0.05	0.1	0.1								
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
1-2m																				
2-4m																				
>4m																				
NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	<0.1	-	-	-	-								
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.02	-	-	-	-								
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.02	-	-	-	-								
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-								
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-								
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.02	-	-	-	-								
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-								
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-								
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.02	-	-	-	-								
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.02	-	-	-	-								
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-								

									Volatile Organic Compounds											
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																				
0-1m																				
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2-4m																				
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NEPM 2013 HIL-Commercial/Industrial D Soil																				
NEPM 2013 HIL-Recreational C Soil																				
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																				
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																				
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																				
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																				
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

									Volatile Organic Compounds															
									1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								Volatile Organic Compounds															
								cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
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NEPM 2013 HIL-Commercial/Industrial D Soil																							
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02

										Volatile Organic Compounds																
										cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																									
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																									
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02

Volatile Organic Compounds

Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.01	<0.01	<0.5	<5	<0.02
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Volatile Organic Compounds															
								cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
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NEPM 2013 HIL-Commercial/Industrial D Soil																							
NEPM 2013 HIL-Recreational C Soil																							
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02

								Volatile Organic Compounds															
								cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil																							
NEPM 2013 HIL-Recreational C Soil																							
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5

																		Volatile Organic Compounds					
									cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil																							
NEPM 2013 HIL-Recreational C Soil																							
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02

Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								Volatile Organic Compounds															
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
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NEPM 2013 HIL-Commercial/Industrial D Soil																							
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NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05

								Volatile Organic Compounds															
								cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix																
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Volatile Organic Compounds															
								cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02

Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								Volatile Organic Compounds															
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
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Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5

								Volatile Organic Compounds															
								cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil																							
NEPM 2013 HIL-Recreational C Soil																							
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	<1	<1	-	<1	<1	-	-	<1	<1	<10	<1	<1	-	<1	<10	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5

Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix	Volatile Organic Compounds: cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil																							
NEPM 2013 HIL-Recreational C Soil																							
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.01	<0.01	<0.5	<5	<0.02
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Volatile Organic Compounds															
								cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1

								Volatile Organic Compounds															
								cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
1-2m																							
2-4m																							
>4m																							
NEPM 2013 HIL-Commercial/Industrial D Soil																							
NEPM 2013 HIL-Recreational C Soil																							
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix																
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Volatile Organic Compounds															
								cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix																
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Volatile Organic Compounds															
								cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	10	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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2-4m																							
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NEPM 2013 HIL-Commercial/Industrial D Soil																							
NEPM 2013 HIL-Recreational C Soil																							
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	Description	<20m	Location	Field_ID	SampleCode	Depth	Matrix																
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/(	2.2-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.1
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	-	-	<0.02

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

								Volatile Organic Compounds														
								Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																						
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2004	EM1114171001	2.3-2.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE001	BHE1A/2006	EM1114171002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2007	EM1114171003	2.5-2.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	Western Portal	Yes	GA11-BHE002	BHE2A/2015	EM1114171004	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2011	EB1126959001	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	Western Portal	Yes	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 02	Western Portal	Yes	GA11-BHE003	BHE003A/2017	EB1126959002	4-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

									Volatile Organic Compounds													
									Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 03	Western Portal	Yes	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2005	EM1511913001	20.3-20.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2006	EM1511913002	21.8-22.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH002	GA15-BH002/2007	EM1511913003	23.3-23.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2013	EM1511913006	14.3-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2016	EM1511913007	18.8-19.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2019	EM1511913008	23.3-23.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2007	EM1511913004	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	TBM Tunnel	Yes	GA15-BH003	GA15-BH003/2010	EM1511913005	9.8-10.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

									Volatile Organic Compounds											
									Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<5	<0.5	<5	<0.4	<0.02	-	<0.5	<0.01	<0.5	<0.02	<0.02	<5	<0.02	<0.72	<0.68
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2006	EM1511913028	3.4-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2008	EM1511913029	4.6-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2009	EM1511913030	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2010	EM1511913031	6.2-6.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2011	EM1511913032	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2013	EM1511913033	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 06	TBM Tunnel	Yes	GA15-BH004	GA15-BH004/2014	EM1511913034	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1011	EB1204841023	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE005	GA11-BHE005A/1018	EB1204841024	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1003	EB1204841019	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Volatile Organic Compounds																					
										Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)							
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg							
EQL										0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02							
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																															
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1-2m																															
2-4m																															
>4m																															
NEPM 2013 HIL-Commercial/Industrial D Soil																															
NEPM 2013 HIL-Recreational C Soil																															
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																															
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																															
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																															
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																															
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1010	EB1204841020	2.25-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1015	EB1204841021	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE006	GA11-BHE006A/1019	EB1204841022	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1003	EB1204841015	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1008	EB1204841016	1.75-2	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1016	EB1204841017	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007A/1020	EB1204841018	4.75-5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1010	EB1204841012	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1015	EB1204841013	3.5-3.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE008	GA11-BHE008A/1019	EB1204841014	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1003	EB1204841008	0.5-0.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68									

										Volatile Organic Compounds											
										Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1010	EB1204841009	2.25-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1016	EB1204841010	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009A/1019	EB1204841011	4.5-4.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1002	EB1204841001	0.25-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1014	EB1204841002	3.25-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1018	EB1204841003	4.25-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE010	GA11-BHE010A/1020	EB1204841004	4.75-5.0	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1008	EB1204841005	1.75-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1011	EB1204841006	2.5-2.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011A/1016	EB1204841007	3.75-4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8

									Volatile Organic Compounds													
									Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
0-1m																							
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2012	EM1511913023	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2013	EM1511913024	8.2-8.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	Arden Station	No (Arden)	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	TBM Tunnel	Yes	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

								Volatile Organic Compounds														
								Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
0-1m																						
1-2m																						
2-4m																						
>4m																						
NEPM 2013 HIL-Commercial/Industrial D Soil																						
NEPM 2013 HIL-Recreational C Soil																						
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																						
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																						
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																						
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																						
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	TBM Tunnel	Yes	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	Parkville Station	Yes	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	Parkville Station	Yes	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	TBM Tunnel	Yes	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1001	M13-Fe06666	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1

									Volatile Organic Compounds											
									Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill		<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill		-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill		-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill		-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill		-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill		-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill		-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill		-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	CBD North	Yes	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

									Volatile Organic Compounds													
									Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	CBD North	Yes	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 13	Mined Tunnel	Yes	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 13	Mined Tunnel	Yes	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA11-BHE022	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	CBD South	Yes	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.04	-	<0.02	<0.74	<0.7
Segment 14	CBD South	Yes	GA11-BHE020	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	CBD South	Yes	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	CBD South	Yes	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

										Volatile Organic Compounds											
										Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 14	CBD South	Yes	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	CBD South	Yes	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2007	EB1201579001	1.5-1.75	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2013	EB1201579002	3.0-3.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2015	EB1201579003	5.5-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA11-BHE028	BHE028A/2028	EB1201579004	8.75-9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2016	EM1511913015	11.5-11.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8		
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8		

									Volatile Organic Compounds									
									Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
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NEPM 2013 HIL-Commercial/Industrial D Soil																		
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	<10	<1	<10	-	<1	-	<1	-	<1	<1
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5

									Volatile Organic Compounds									
									Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)					
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg					
EQL									0.02	0.05	0.02							
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																		
0-1m																		
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NEPM 2013 HIL-Commercial/Industrial D Soil																		
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																		
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NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																		
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																		
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	<1	<10	<10	<27	<16						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2022	EM1511913016	17.3-17.5	Natural	-	-	-	-	-						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<0.5	<5	<5	<13.5	<8						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2010	EM1511913013	6.3-6.6	Fill	-	-	-	-	-						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.02	-	<0.02	<0.72	<0.68						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<0.5	<5	<5	<13.5	<8						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<0.5	<5	<5	<13.5	<8						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<0.5	<5	<5	<13.5	<8						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<0.5	<5	<5	<13.5	<8						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2015	EM1511113016	10.7-10.9	Natural	-	-	-	-	-						
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<0.5	<5	<5	<13.5	<8						

									Volatile Organic Compounds													
									Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																							
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NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																							
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																							
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																							
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																							
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2019	EM1511913012	15.4-15.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2012	EM1511913014	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	TBM Tunnel-Yarra Crosssing	Yes	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2006	EM1511913017	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<5	<0.5	<5	<0.4	<0.02	-	<0.5	<0.01	<0.5	<0.02	<0.02	<5	<0.02	<0.72	<0.68
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2010	EM1511913018	5.1-5.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2012	EM1511913019	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 17	TBM Tunnel	Yes	GA15-BH026	GA15-BH026/2013	EM1511913020	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Volatile Organic Compounds														
								Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																						
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 17	TBM Tunnel	Yes	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EB1525040005	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2006	EB1525040006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2009	EB1525040007	6.8-7.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH027	GA15-BH027/2010	EB1525040008	8.3-8.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EB1525040001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EB1525040002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2005	EB1525040003	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	TBM Tunnel	Yes	GA15-BH028	GA15-BH028/2007	EB1525040004	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/2	0.2-0.3	Fill	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/2	0.35-0.45	Fill	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/2	0.45-0.5	Fill	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/2	1.45-1.55	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/2	2.9-3	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/2	3.9-4	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2

										Volatile Organic Compounds																	
										Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																										
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/2	0.15-0.2	Fill	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/2	0.45-0.5	Fill	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/2	1.1-1.2	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/2	1.9-2	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/2	3.25-3.3	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/2	0.15-0.25	Fill	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/2	0.4-0.5	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/2	0.9-1	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/2	1.9-2	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/2	3.7-3.8	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/2	0.2-0.3	Fill	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/2	1.1-1.2	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/2	1.85-1.95	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/2	2.9-3	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/2	2.9-4	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2007	EM1514584007	5.3-5.75	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029	GA15-BH029/2010	EM1514584010	9.8-10.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

									Volatile Organic Compounds											
									Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
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Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 20	Domain Station	Yes	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68	
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2006	EB1528870001	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2008	EB1528870002	6.8-7.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH030	GA15-BH030/2010	EB1528870003	9.9-10.35	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68	
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EB1528018001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2005	EB1528018003	4.4-4.61	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Volatile Organic Compounds											
										Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
NEPM 2013 Commercial/Industrial D Soil HSL for Vapour Intrusion																								
0-1m																								
1-2m																								
2-4m																								
>4m																								
NEPM 2013 HIL-Commercial/Industrial D Soil																								
NEPM 2013 HIL-Recreational C Soil																								
NEPM 2013 Mgmt Limits - Commercial and industrial, Coarse Soil																								
NEPM 2013 Mgmt Limits - Residential, parkland and public open space, Coarse Soil																								
NEPM 2013 Mgmt Limits Commercial and industrial, Fine Soil																								
NEPM 2013 Mgmt Limits Residential, parkland and public open space, Fine Soil																								
Segment	**Description**	**<20m**	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2006	EB1528018004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH032	GA15-BH032/2007	EB1528018005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EB1528018006	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EB1528018007	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2008	EB1528018008	3.8-4.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2009	EB1528018009	4.6-5.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	Domain Station	Yes	GA15-BH033	GA15-BH033/2010	EB1528018010	5.8-6.25	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	Eastern Portal	Yes	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0	2.2-2.3	Natural	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	Eastern Portal	Yes	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

Notes: Historical PAH results did not include B(A)P TEQ. Where the B(a)P TEQ was not reported it has been calculated by mulitplying the concentration of each carcinagenic PAH by its B(a)P TEF (as listed in Schedule B1 of the NEPM) and summing the products. Where a results was reported at below the limit of reporting, a result of 0.5 x the LOR has been used.
EQL = Estimated Quantitation Limit.
<20m refers to locations within 20m of the concept design buffer

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																		
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	10	-	-	-	2.3	-	<0.5	-	230	-	330	-	0.68	1.3	72	<3	6	80	-	800
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	5	-	-	-	<0.3	-	<0.5	-	11	-	10	-	<0.05	<1	18	<3	<1	<3	-	47
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	10	-	-	-	0.4	-	<0.5	-	27	-	80	-	0.05	<1	38	<3	<1	<3	-	100
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	11	-	-	-	0.7	-	<0.5	-	46	-	220	-	0.06	<1	45	<3	<1	8	-	200
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	5	-	-	-	<0.3	-	<0.5	-	28	-	20	-	<0.05	<1	23	<3	<1	<3	-	50
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	4	-	-	-	0.4	-	<0.5	-	28	-	48	-	0.09	<1	29	<3	<1	<3	-	95
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<3	-	-	-	<0.3	-	<0.5	-	2.3	-	5	-	<0.05	<1	3.6	<3	<1	<3	-	8.1
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	4	-	-	-	<0.3	-	<0.5	-	4.6	-	5	-	<0.05	2	5.9	<3	<1	<3	-	17
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<3	-	-	-	<0.3	-	<0.5	-	3.8	-	3	-	<0.05	<1	5.6	<3	<1	<3	-	15
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	<3	-	-	-	<0.3	-	<0.5	-	20	-	2	-	<0.05	<1	62	<3	<1	<3	-	36
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	43	-	-	-	0.4	-	<0.5	-	36	-	82	-	0.16	<1	20	<3	<1	5	-	120
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	17	-	-	-	0.5	-	<0.5	-	36	-	130	-	0.79	<1	55	<3	<1	6	-	360
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	4	-	-	-	<0.3	-	<0.5	-	6.7	-	4	-	<0.05	<1	16	<3	<1	<3	-	23
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	5	-	-	-	<1	-	<0.5	-	35	-	7	-	<0.1	<2	106	<5	<2	<5	-	61
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	10	-	-	-	<1	-	<0.5	-	56	-	5	-	<0.1	<2	172	<5	<2	<5	-	66
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	10	-	-	-	<1	-	<0.5	-	61	-	<5	-	<0.1	<2	170	<5	<2	<5	-	56
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	8	-	-	-	<1	-	<0.5	-	62	-	<5	-	<0.1	<2	192	<5	<2	<5	-	59
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	19	190	2	<50	<1	50	<0.5	40	37	-	20	930	<0.1	<2	110	<5	<2	<5	62	91
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	10	50	6	<50	<1	136	1.7	70	69	-	<5	598	<0.1	<2	210	<5	<2	<5	116	214
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	10	270	1	<50	<1	43	<0.5	38	61	-	62	893	<0.1	<2	157	<5	<2	<5	49	146
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	11	230	2	<50	<1	62	<0.5	42	61	-	46	793	<0.1	<2	159	<5	<2	6	62	132
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	11	270	1	<50	<1	50	<0.5	39	63	-	72	973	<0.1	<2	156	<5	<2	<5	55	137
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	7	-	-	-	<1	42	-	-	64	-	22	-	<0.1	-	168	-	-	-	-	86
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	8	-	-	-	<1	87	-	-	36	-	15	-	<0.1	-	50	-	-	-	-	107

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																				
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	13	280	1	<50	<1	45	<0.5	43	63	-	36	914	<0.1	<2	148	<5	<2	<5	61	205
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	10	-	-	-	<1	83	-	-	55	-	<5	-	<0.1	-	157	-	-	-	-	73
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	13	-	-	-	<1	52	-	-	55	-	6	-	<0.1	-	135	-	-	-	-	175
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	9	-	-	-	<1	68	-	-	56	-	103	-	0.1	-	137	-	-	-	-	93
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	10	-	-	-	<1	77	-	-	53	-	282	-	<0.1	-	158	-	-	-	-	136
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	10	-	-	-	<1	100	-	-	42	-	21	-	<0.1	-	101	-	-	-	-	54
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	5	60	<1	<50	<1	17	1.4	16	24	-	24	247	0.2	<2	37	<5	<2	<5	20	64
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	12	80	<1	<50	<1	22	<0.5	11	31	-	46	272	<0.1	<2	32	<5	<2	<5	28	54
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<5	190	<1	<50	<1	18	<0.5	6	<5	-	7	36	<0.1	<2	8	<5	<2	<5	29	6
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	13	1560	2	<50	1	102	<0.5	55	69	-	13	1440	<0.1	<2	216	<5	<2	<5	97	97
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<5	200	1	<50	<1	50	<0.5	31	49	-	<5	729	<0.1	<2	144	<5	<2	<5	43	47
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	14	110	2	<50	<1	65	<0.5	38	29	-	93	107	2.2	<2	68	<5	<2	8	79	79
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	7	20	<1	<50	<1	28	<0.5	4	6	-	8	36	<0.1	<2	10	<5	<2	<5	26	16
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	18	-	-	-	<1	-	<0.5	-	77	-	45	-	<0.1	<2	24	<5	<2	<5	-	55
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	6	-	-	-	<1	-	<0.5	-	24	-	6	-	<0.1	<2	22	<5	<2	<5	-	32
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	8	-	-	-	1	-	<0.5	-	64	-	<5	-	<0.1	<2	198	<5	<2	<5	-	161
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	5	-	-	-	<1	-	<0.5	-	8	-	7	-	<0.1	<2	7	<5	<2	<5	-	10

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																		
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	18	-	-	-	<1	-	<0.5	-	26	-	34	-	0.2	<2	48	<5	<2	<5	-	72
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	11	-	-	-	2	-	<0.5	-	67	-	74	-	0.2	<2	186	<5	<2	<5	-	292
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	6	-	-	-	<1	-	<0.5	-	35	-	43	-	0.4	<2	88	<5	<2	5	-	72
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	12	-	-	-	<1	-	<0.5	-	30	-	28	-	0.4	<2	74	<5	<2	<5	-	71
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	22	-	-	-	<1	-	<0.5	-	14	-	10	-	<0.1	<2	26	<5	<2	<5	-	56
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	9	-	-	-	<1	-	<0.5	-	59	-	6	-	<0.1	3	19	<5	4	<5	-	31
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	23	-	-	-	<1	-	<0.5	-	22	-	9	-	<0.1	<2	16	<5	<2	<5	-	55
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	15	-	-	-	<1	-	<0.5	-	13	-	15	-	<0.1	<2	32	<5	<2	<5	-	20
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	24	-	-	-	<1	-	<0.5	-	16	-	11	-	<0.1	<2	40	<5	<2	<5	-	63
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	15	-	-	-	<1	-	<0.5	-	33	-	325	-	0.3	<2	66	<5	<2	<5	-	201
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	9	-	-	-	<1	-	<0.5	-	16	-	30	-	0.1	<2	48	<5	<2	<5	-	29
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	6	-	-	-	<1	-	<0.5	-	55	-	34	-	0.1	<2	145	<5	<2	<5	-	112
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	8	-	-	-	<1	-	<0.5	-	<5	-	<5	-	<0.1	<2	3	<5	<2	<5	-	6
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	17	-	-	-	<1	-	<0.5	-	6	-	<5	-	<0.1	<2	8	<5	<2	<5	-	8
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<5	-	-	-	<1	-	<0.5	-	62	-	<5	-	<0.1	<2	201	<5	<2	<5	-	169
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	10	-	-	-	<1	-	<0.5	-	41	-	66	-	0.7	<2	101	<5	<2	5	-	124
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	27	-	-	-	<1	-	<0.5	-	15	-	10	-	<0.1	2	37	<5	<2	<5	-	64
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	44	-	-	-	<1	-	<0.5	-	88	-	276	-	0.3	<2	45	<5	<2	16	-	346
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	14	-	-	-	<1	-	<0.5	-	22	-	6	-	<0.1	<2	62	<5	<2	<5	-	33
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	7	-	-	-	<1	-	<0.5	-	42	-	<5	-	<0.1	<2	110	<5	<2	<5	-	47
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	9	-	-	-	<1	-	<0.5	-	9	-	5	-	<0.1	2	5	<5	<2	<5	-	11
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	8	-	-	-	<1	-	<0.5	-	63	-	73	-	0.2	<2	74	<5	<2	<5	-	100
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	6	-	-	-	<1	-	<0.5	-	58	-	<5	-	<0.1	<2	255	<5	<2	<5	-	202
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	8	-	-	-	<1	-	<0.5	-	16	-	15	-	<0.1	2	73	<5	<2	<5	-	63
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	13	-	-	-	<1	-	<0.5	-	24	-	6	-	<0.1	<2	76	<5	<2	<5	-	48
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	6	50	<1	<50	<1	13	<0.5	8	21	-	44	193	0.1	<2	28	<5	<2	<5	18	67
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	21	100	<1	<50	<1	23	<0.5	14	67	-	84	428	<0.1	<2	52	<5	<2	9	18	202
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	6	160	2	<50	<1	54	1.7	45	46	-	<5	670	<0.1	<2	163	<5	<2	<5	46	53
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	7	200	2	<50	<1	43	1.5	42	45	-	<5	910	<0.1	<2	153	<5	<2	<5	52	41
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	9	-	-	-	<1	60	-	-	31	-	72	-	0.4	-	52	-	-	-	-	98

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																			
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	10	310	2	<50	<1	75	<0.5	45	51	-	<5	759	<0.1	<2	156	<5	<2	<5	73	64
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	9	-	-	-	<1	68	-	-	31	-	62	-	0.4	-	62	-	-	-	-	95
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	20	-	-	-	<1	43	-	-	15	-	12	-	<0.1	-	24	-	-	-	-	50
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	12	-	-	-	<1	32	-	-	14	-	11	-	<0.1	-	18	-	-	-	-	26
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<5	70	<1	<50	<1	18	1	27	24	-	<5	564	<0.1	<2	93	<5	<2	<5	14	36
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<5	40	<1	<50	<1	17	<0.5	24	26	-	17	366	<0.1	<2	84	<5	<2	<5	13	40
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	6	170	2	<50	<1	76	1.3	43	58	-	<5	778	<0.1	<2	174	<5	<2	<5	65	75
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	11	-	-	-	<1	59	-	-	37	-	90	-	0.8	-	72	-	-	-	-	93
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	9	-	-	-	<1	52	-	-	10	-	15	-	<0.1	-	18	-	-	-	-	38
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	11	-	-	-	<1	30	-	-	8	-	7	-	<0.1	-	15	-	-	-	-	24
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	5	-	-	-	<1	29	-	-	7	-	6	-	<0.1	-	6	-	-	-	-	13
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	9	-	-	-	<1	-	<0.5	-	75	-	118	-	0.3	<2	74	<5	<2	<5	-	142
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	23	-	-	-	<1	-	<0.5	-	26	-	75	-	0.6	<2	47	<5	<2	<5	-	52
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	19	-	-	-	<1	-	<0.5	-	12	-	17	-	0.1	<2	27	<5	<2	<5	-	17
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	9	-	-	-	<1	-	<0.5	-	8	-	8	-	<0.1	<2	7	<5	<2	<5	-	6
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	20	-	-	-	<1	-	<0.5	-	30	-	55	-	0.2	<2	39	<5	<2	<5	-	82
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	47	-	-	-	<1	-	<0.5	-	13	-	18	-	0.1	<2	22	<5	<2	<5	-	16
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	13	-	-	-	<1	-	<0.5	-	7	-	15	-	<0.1	<2	9	<5	<2	<5	-	14
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	21	-	-	-	<1	-	<0.5	-	38	-	31	-	<0.1	<2	79	<5	<2	<5	-	150
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<5	-	-	-	<1	-	<0.5	-	<5	-	7	-	<0.1	<2	6	<5	<2	<5	-	10
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	17	-	-	-	<1	-	<0.5	-	21	-	20	-	<0.1	<2	53	<5	<2	<5	-	107
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	21	-	-	-	<1	-	<0.5	-	35	-	20	-	<0.1	<2	60	<5	<2	<5	-	115
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	16	-	-	-	<1	-	<0.5	-	20	-	18	-	<0.1	<2	42	<5	<2	<5	-	79
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	8	-	-	-	<1	-	<0.5	-	23	-	43	-	0.1	<2	41	<5	<2	<5	-	86
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	27	-	-	-	<1	-	<0.5	-	12	-	18	-	<0.1	<2	30	<5	<2	<5	-	24
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	9	-	-	-	<1	-	<0.5	-	23	-	13	-	<0.1	<2	10	<5	<2	<5	-	34

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																				
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	9	-	-	-	<1	-	<0.5	-	50	-	149	-	0.3	<2	53	<5	<2	<5	-	218
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<5	70	<1	<50	<1	42	<0.5	12	24	-	7	228	<0.1	<2	43	<5	<2	<5	31	70
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	35	90	2	<50	<1	40	<0.5	11	16	-	16	38	0.1	<2	20	<5	<2	<5	84	17
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	27	-	-	-	<1	42	-	-	6	-	14	-	<0.1	-	18	-	-	-	-	10
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	33	130	1	<50	<1	29	<0.5	7	10	-	15	50	<0.1	<2	13	<5	<2	<5	61	8
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	11	-	-	-	<1	22	-	-	18	-	12	-	<0.1	-	38	-	-	-	-	80
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	17	-	-	-	<1	19	-	-	17	-	13	-	<0.1	-	32	-	-	-	-	28
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	4.4	-	-	-	<0.4	15	<1	-	9.7	-	6.1	-	<0.1	<10	8.2	<2	<5	<10	-	29
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	6	-	-	-	<0.4	15	<1	-	9.4	-	24	-	0.1	<10	9.2	<2	<5	<10	-	19
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	37	-	-	-	<2	46	<1	-	<25	-	620	-	<0.1	<50	46	<10	<25	660	-	<25
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	18	-	-	-	<2	<25	<1	-	<25	-	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	31	-	-	-	<2	<25	<1	-	<25	-	<25	-	<0.1	<50	<25	<10	<25	<50	-	53
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	5.9	-	-	-	<0.4	15	<1	-	16	-	5.2	-	0.1	<10	42	<2	<5	69	-	31
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<2	-	-	-	<0.4	<5	<1	-	<5	-	6.8	-	0.1	<10	<5	<2	<5	<10	-	7.2
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	23	-	-	-	<2	35	<1	-	<25	-	<25	-	<0.1	<50	37	<10	<25	<50	-	35
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<2	-	-	-	<0.4	<5	<1	-	17	-	<5	-	<0.1	<10	<5	<2	<5	<10	-	22
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	5.5	-	-	-	<0.4	14	<1	-	8.6	-	<5	-	<0.1	<10	11	<2	<5	<10	-	25
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	19	-	-	-	<2	<25	<1	-	<25	-	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	22	-	-	-	<2	<25	<1	-	<25	-	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	27	-	-	-	<2	<25	<1	-	<25	-	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	29	-	-	-	<2	<25	<1	-	<25	-	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	12	-	-	-	<2	<25	<1	-	<25	-	<25	-	<0.1	<50	<25	<10	<25	<50	-	<25
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	20	-	-	-	<2	41	<1	-	<25	-	<25	-	<0.1	<50	38	<10	<25	<50	-	43
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	13	-	-	-	<2	<25	<1	-	<25	-	<25	-	<0.1	<50	44	<10	<25	<50	-	60
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	13	-	-	-	<2	<25	<1	-	<25	-	<25	-	<0.1	<50	36	<10	<25	<50	-	100
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<10	-	-	-	<2	<25	<1	-	<25	-	<25	-	<0.1	<50	<25	<10	<25	<50	-	38
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	6	120	<1	<50	<1	12	<0.5	4	<5	-	108	38	1.4	<2	7	<5	<2	<5	32	13
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	<5	-	-	-	<1	17	-	-	<5	-	8	-	<0.1	-	3	-	-	-	-	<5
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	12	-	-	-	<1	28	-	-	<5	-	11	-	<0.1	-	25	-	-	-	-	<5

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																				
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	10	30	<1	<50	<1	17	<0.5	3	<5	-	8	36	<0.1	<2	8	<5	<2	<5	36	5
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	11	-	-	-	<1	8	-	-	41	-	9	-	<0.1	-	22	-	-	-	-	31
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	25	300	2	<50	<1	40	<0.5	23	20	-	17	58	<0.1	<2	41	<5	<2	<5	64	31
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	5	<10	<1	<50	<1	8	<0.5	<2	<5	-	<5	12	<0.1	<2	4	<5	<2	<5	12	<5
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<5	10	<1	<50	<1	8	<0.5	<2	<5	-	6	17	<0.1	<2	<2	<5	<2	<5	24	<5
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	19	-	-	-	<1	52	-	-	10	-	16	-	0.1	-	22	-	-	-	-	13
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	16	-	-	-	<1	34	-	-	10	-	14	-	<0.1	-	24	-	-	-	-	17
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<5	30	<1	<50	<1	11	<0.5	26	29	-	37	308	0.2	<2	62	<5	<2	<5	8	48
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<5	60	<1	<50	<1	13	<0.5	20	24	-	8	318	<0.1	<2	75	<5	<2	<5	8	34
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	34	-	-	-	<1	42	-	-	23	-	17	-	<0.1	-	39	-	-	-	-	62
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<5	50	<1	<50	<1	20	0.6	6	17	-	26	202	<0.1	<2	21	<5	<2	<5	19	46
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	35	-	-	-	<1	35	-	-	21	23500	12	132	<0.1	-	33	-	-	-	-	91
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	27	240	3	<50	<1	42	<0.5	14	14	-	14	68	<0.1	<2	39	<5	<2	<5	55	64
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	25	-	-	-	<1	37	-	-	17	22000	9	128	<0.1	-	27	-	-	-	-	87

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																				
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	12	120	1	<50	<1	34	<0.5	21	23	-	5	230	<0.1	<2	74	<5	<2	<5	25	49
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	15	-	-	-	<1	44	-	-	17	-	10	-	<0.1	-	42	-	-	-	-	64
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	11	-	-	-	<1	-	<0.5	-	21	-	5	-	<0.1	<2	72	<5	<2	<5	-	49
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	28	-	-	-	<1	41	-	-	18	-	11	-	<0.1	-	33	-	-	-	-	66
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	11	-	-	-	<1	32	-	-	9	-	10	-	<0.1	-	17	-	-	-	-	31
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<5	20	<1	<50	<1	20	<0.5	36	35	-	<5	553	<0.1	<2	129	<5	<2	<5	11	67
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	10	-	-	-	<1	35	-	-	25	-	59	-	0.2	-	57	-	-	-	-	76
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	7	-	-	-	<1	-	<0.5	-	13	-	90	-	0.5	<2	14	<5	<2	6	-	48
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	8	-	-	-	<1	-	<0.5	-	35	-	678	-	0.9	<2	30	<5	<2	235	-	221
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	<5	-	-	-	<1	-	<0.5	-	33	-	7	-	<0.1	<2	93	<5	<2	<5	-	54
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	<5	-	-	-	<1	-	<0.5	-	30	-	53	-	0.2	<2	14	<5	<2	140	-	58
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	7	-	-	-	<1	-	<0.5	-	43	-	185	-	0.3	<2	28	<5	<2	5	-	84
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	30	-	-	-	<1	-	<0.5	-	30	-	21	-	0.2	<2	32	<5	<2	<5	-	70
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	<5	-	-	-	<1	-	<0.5	-	25	-	7	-	<0.1	<2	54	<5	<2	<5	-	48
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<5	60	<1	<50	<1	20	<0.5	29	26	-	12	283	<0.1	<2	89	<5	<2	<5	12	79
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	13	-	-	-	<1	47	-	-	25	-	10	-	<0.1	-	46	-	-	-	-	152
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																				
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	<5	30	<1	<50	<1	14	<0.5	14	20	-	7	302	<0.1	<2	59	<5	<2	<5	12	44
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	11	60	<1	<50	<1	21	<0.5	8	30	-	86	156	0.2	<2	25	<5	<2	7	33	93
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	10	-	-	-	<1	20	-	-	29	-	69	-	0.2	-	23	-	-	-	-	94
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	12	-	-	-	<1	23	-	-	24	-	22	-	<0.1	-	27	-	-	-	-	122
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	12	60	<1	<50	<1	20	<0.5	8	35	-	105	162	0.3	<2	23	<5	<2	11	37	112
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	14	-	-	-	<1	54	-	-	8	-	17	-	<0.1	-	28	-	-	-	-	13
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	11	-	-	-	<1	36	-	-	6	-	17	-	<0.1	-	22	-	-	-	-	8
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	7	-	-	-	<1	38	-	-	11	-	10	-	<0.1	-	5	-	-	-	-	14
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<5	110	<1	<50	<1	31	<0.5	18	24	-	5	394	<0.1	<2	67	<5	<2	<5	21	40
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	8	210	1	<50	<1	28	<0.5	10	21	-	37	123	0.5	<2	19	<5	<2	<5	24	46
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	12	330	2	<50	<1	36	<0.5	13	12	-	16	59	<0.1	<2	21	<5	<2	<5	36	26
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	11	120	<1	<50	<1	29	<0.5	12	135	-	222	293	0.6	<2	38	<5	<2	10	39	261
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	9	240	<1	<50	<1	27	<0.5	14	70	-	190	234	0.9	<2	46	<5	<2	12	34	154
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	33	120	2	<50	<1	42	<0.5	17	18	-	30	47	<0.1	2	20	<5	<2	<5	69	16
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	14	-	-	-	<1	43	-	-	9	-	14	-	<0.1	-	25	-	-	-	-	12
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	11	-	-	-	<1	11	-	-	9	-	10	-	<0.1	-	7	-	-	-	-	12
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	14	-	-	-	<1	-	<0.5	-	336	-	476	-	0.1	<2	23	<5	<2	<5	-	320
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	<5	-	-	-	<1	-	<0.5	-	61	-	136	-	0.1	<2	16	<5	<2	<5	-	260
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	5	-	-	-	<1	-	<0.5	-	11	-	12	-	<0.1	2	28	<5	<2	<5	-	136
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	<5	-	-	-	<1	-	<0.5	-	<5	-	<5	-	<0.1	<2	<2	<5	<2	<5	-	<5
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<5	60	<1	<50	<1	18	<0.5	7	28	-	77	138	0.2	<2	36	<5	<2	<5	16	78
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	7	110	1	<50	<1	32	<0.5	14	47	-	137	390	0.4	<2	48	<5	<2	8	27	131
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	8	160	2	<50	<1	45	<0.5	30	24	-	176	331	0.1	<2	63	<5	<2	<5	77	32
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	12	90	1	<50	<1	30	<0.5	9	27	-	45	85	0.3	<2	23	<5	<2	<5	38	33

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																				
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	8	60	<1	<50	<1	10	<0.5	5	58	-	74	133	0.3	2	13	<5	<2	8	24	47
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	17	170	<1	<50	<1	18	<0.5	12	233	-	4940	640	0.3	<2	21	<5	<2	372	36	716
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	18	110	2	<50	<1	35	0.7	17	28	-	2230	150	0.9	<2	30	<5	<2	18	89	281
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	<5	-	-	-	<1	19	-	-	7	-	14	-	<0.1	-	22	-	-	-	-	19
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	8	-	-	-	<1	27	-	-	9	-	9	-	<0.1	-	14	-	-	-	-	43
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	12	110	<1	<50	<1	27	0.8	8	50	-	338	192	0.6	<2	23	<5	<2	12	28	162
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	13	140	<1	<50	<1	27	<0.5	9	248	-	318	512	0.2	<2	27	<5	<2	119	25	77
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	12	260	<1	<50	<1	23	<0.5	13	382	-	2440	400	3.2	<2	43	<5	<2	108	20	704
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	24	170	<1	<50	<1	24	<0.5	10	410	-	725	129	0.5	<2	23	<5	<2	52	48	142
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	10	320	<1	<50	<1	47	<0.5	5	906	-	1910	131	0.9	3	89	<5	<2	222	12	994
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	7	70	1	<50	<1	19	<0.5	14	314	-	600	82	<0.1	<2	23	<5	<2	29	16	246
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	<5	-	-	-	<1	9	-	-	45	-	199	-	<0.1	-	6	-	-	-	-	47
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	<5	-	-	-	<1	7	-	-	<5	-	98	-	<0.1	-	4	-	-	-	-	18
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	10	110	<1	<50	<1	22	0.7	10	47	-	146	140	0.5	<2	28	<5	<2	10	25	236
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	8	80	<1	<50	<1	20	<0.5	14	38	-	78	217	0.4	<2	26	<5	<2	14	52	280
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	9	140	1	<50	<1	34	<0.5	13	44	-	124	63	0.2	<2	33	<5	<2	<5	30	135

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																				
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	5	80	1	<50	<1	23	<0.5	9	14	-	24	63	0.2	<2	15	<5	<2	<5	27	32
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<5	80	<1	<50	<1	7	<0.5	<2	<5	-	<5	6	<0.1	<2	<2	<5	<2	<5	11	<5
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	6	-	-	-	<1	35	-	-	18	-	7	-	<0.1	-	8	-	-	-	-	13
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<5	-	-	-	<1	18	-	-	19	-	8	-	<0.1	-	12	-	-	-	-	21
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	21	140	<1	<50	<1	34	<0.5	7	14	-	33	42	<0.1	<2	14	<5	<2	<5	90	34
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	7	70	<1	<50	<1	11	<0.5	5	8	-	16	74	0.1	<2	10	<5	<2	<5	18	17
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	22	-	-	-	<1	22	-	-	22	-	31	-	<0.1	-	14	-	-	-	-	31
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	9	110	<1	<50	<1	21	<0.5	10	11	-	32	83	0.2	<2	27	<5	<2	<5	26	43
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	5	80	<1	<50	<1	17	0.5	6	42	-	109	97	0.4	<2	17	<5	<2	8	21	145
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	15	130	1	<50	<1	37	<0.5	16	26	-	444	159	0.2	<2	35	<5	<2	8	50	91
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	7	130	<1	<50	<1	25	<0.5	10	21	-	35	144	0.1	<2	28	<5	<2	12	34	46
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	6	-	-	-	<1	46	-	-	6	-	11	-	<0.1	-	28	-	-	-	-	16
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	9	-	-	-	<1	50	-	-	6	-	12	-	<0.1	-	28	-	-	-	-	17
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	20	260	1	<50	<1	34	<0.5	13	44	-	188	120	0.2	<2	25	<5	<2	8	65	161
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	24	90	2	<50	<1	57	<0.5	42	25	-	44	94	0.1	<2	52	<5	<2	<5	95	120
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	8	-	-	-	<1	32	-	-	11	-	17	-	<0.1	-	21	-	-	-	-	19
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	22	130	2	<50	<1	64	<0.5	31	33	-	77	464	1.3	<2	74	<5	<2	8	76	117
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	6	-	-	-	<1	46	-	-	8	-	14	-	0.1	-	21	-	-	-	-	16
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																			
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	16	-	-	-	1.1	-	<0.5	-	100	-	140	-	0.17	2	38	<3	<1	7	-	200
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	12	-	-	-	<0.3	-	<0.5	-	24	-	22	-	<0.05	<1	22	<3	<1	<3	-	47
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	8	-	-	-	<0.3	-	<0.5	-	25	-	75	-	0.26	<1	37	<3	<1	<3	-	120
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	45	-	-	-	<0.3	-	<0.5	-	1.5	-	2	-	<0.05	<1	3.5	<3	<1	<3	-	2
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	<3	-	-	-	<0.3	-	<0.5	-	<0.5	-	<1	-	<0.05	<1	0.7	<3	<1	<3	-	<0.5
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	140	-	-	-	<0.3	-	<0.5	-	3	-	8	-	<0.05	<1	2.1	<3	<1	<3	-	5.9
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	3	-	-	-	0.4	-	<0.5	-	58	-	66	-	0.08	<1	20	<3	<1	<3	-	61
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	4	-	-	-	<0.3	-	<0.5	-	14	-	10	-	<0.05	<1	21	<3	<1	<3	-	32
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	13	-	-	-	<0.3	-	0.5	-	0.9	-	8	-	<0.05	<1	4.8	<3	<1	<3	-	2.9
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	24	-	-	-	<0.3	-	<0.5	-	2	-	5	-	<0.05	<1	5.8	<3	<1	<3	-	4.7
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	30	-	-	-	<0.3	-	<0.5	-	2.2	-	2	-	<0.05	<1	11	<3	<1	<3	-	4.2
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	9	-	-	-	0.4	-	<0.5	-	62	-	57	-	0.23	<1	57	<3	<1	<3	-	130
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	14	-	-	-	<0.3	-	<0.5	-	10	-	10	-	0.06	<1	19	<3	<1	<3	-	18
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	8	-	-	-	<0.3	-	<0.5	-	8.4	-	10	-	0.21	<1	34	<3	<1	<3	-	19
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	<3	-	-	-	<0.3	-	<0.5	-	2.8	-	6	-	0.08	<1	7	<3	<1	<3	-	6
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	4	-	-	-	<0.3	-	<0.5	-	2.8	-	5	-	<0.05	<1	4.2	<3	<1	<3	-	5.2
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	9	-	-	-	0.3	-	<0.5	-	48	-	68	-	0.17	<1	63	<3	<1	<3	-	110
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	10	-	-	-	<0.3	-	<0.5	-	2.9	-	7	-	<0.05	<1	14	<3	<1	<3	-	7.7
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	7	-	-	-	<0.3	-	<0.5	-	5.2	-	7	-	<0.05	<1	16	<3	<1	<3	-	10
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	7	-	-	-	<0.3	-	<0.5	-	8.2	-	9	-	0.25	<1	11	<3	<1	<3	-	18
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	12	-	-	-	<0.3	-	<0.5	-	4.8	-	8	-	<0.05	<1	11	<3	<1	<3	-	8.2
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<5	30	<1	<50	<1	15	<0.5	24	34	-	<5	402	<0.1	<2	100	<5	<2	<5	17	51
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<5	20	<1	<50	<1	15	<0.5	24	32	-	<5	316	<0.1	<2	96	<5	<2	<5	13	46
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	70	50	<1	<50	<1	34	<0.5	7	6	19000	12	81	<0.1	-	18	<5	<2	<5	86	11
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	44	20	<1	<50	<1	28	<0.5	6	<5	8490	5	25	<0.1	-	4	<5	<2	<5	54	12
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	15	200	<1	<50	<1	25	<0.5	22	25	-	9	344	<0.1	<2	83	<5	<2	<5	28	44
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	21	60	<1	<50	<1	21	<0.5	8	35	22500	127	148	0.1	<2	36	<5	<2	6	41	95

	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B	2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C	500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material	20				3		1		100		300		1	40	60	10	10	50		200

Segment	Location	Field_ID	SampleCode	Depth	Matrix																			
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	37	60	<1	<50	<1	26	<0.5	7	18	24800	65	95	0.2	<2	25	<5	<2	<5	66	104
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	127	-	-	-	<1	32	-	-	<5	23100	9	30	<0.1	-	9	-	-	-	-	6
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	202	-	-	-	<1	53	-	-	<5	35400	12	25	<0.1	-	12	-	-	-	-	8
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	16	60	<1	<50	<1	21	<0.5	24	28	-	42	408	<0.1	<2	106	<5	<2	<5	36	60
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	35	-	-	-	<1	22	-	-	<5	11900	5	13	<0.1	-	5	-	-	-	-	<5
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	74	-	-	-	<1	24	-	-	<5	13500	5	5	<0.1	-	4	-	-	-	-	<5
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	10	120	<1	<50	<1	36	<0.5	19	134	41000	205	432	1.3	<2	85	<5	<2	10	24	256
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	104	-	-	-	<1	36	-	-	5	28000	10	13	<0.1	-	5	-	-	-	-	5
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	332	-	-	-	-	-	-	-	-	20200	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	58	-	-	-	<1	12	-	-	<5	8460	5	5	<0.1	-	<2	-	-	-	-	<5
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	262	-	-	-	-	-	-	-	-	24900	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	248	-	-	-	-	-	-	-	-	41600	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	7	-	-	-	-	-	-	-	-	2600	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	22	-	-	-	-	-	-	-	-	16200	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	23	70	<1	<50	<1	17	<0.5	8	24	-	555	150	0.5	<2	32	<5	<2	<5	56	150
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	10	90	<1	<50	<1	22	<0.5	10	100	-	301	270	0.3	<2	47	<5	<2	10	21	229
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	338	-	-	-	<1	54	-	-	<5	-	28	-	<0.1	-	9	-	-	-	-	9
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	114	-	-	-	<1	30	-	-	<5	-	31	-	<0.1	-	11	-	-	-	-	12
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	7	70	<1	<50	<1	18	<0.5	16	30	-	73	261	0.5	<2	60	<5	<2	7	27	84
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	9	130	<1	<50	<1	23	<0.5	18	102	-	315	400	0.4	<2	74	<5	<2	15	24	258

							Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium	Chromium (hexavalent)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.5	10	1	50	0.1	0.5	0.5	0.5	0.5	1	0.5	1	0.01	1	0.5	0.1	0.1	3	0.5	0.5
VIC EPA IWRG621 Cat B							2000				400		2000		20000		6000		300	4000	12000	200	720			140000
VIC EPA IWRG621 Cat C							500				100		500		5000		1500		75	1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material							20				3		1		100		300		1	40	60	10	10	50		200
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																					
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural		8	-	-	-	<1	14	-	-	<5	-	<5	-	<0.1	-	2	-	-	-	-	<5
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill		<5	-	-	-	<1	9	-	-	9	-	24	-	0.1	-	23	-	-	-	-	18
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill		70	-	-	-	<1	-	<0.5	-	18	-	118	-	0.1	<2	17	<5	<2	<5	-	89
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill		30	-	-	-	<1	-	<0.5	-	14	-	126	-	0.2	<2	17	<5	<2	11	-	92
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill		102	-	-	-	<1	-	<0.5	-	13	-	208	-	0.2	<2	20	<5	<2	33	-	93
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural		119	-	-	-	<1	-	<0.5	-	<5	-	15	-	<0.1	<2	3	<5	<2	<5	-	11
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL		5	-	-	-	<0.3	-	0.9	-	3.8	-	4	-	<0.05	<1	2.6	<3	<1	<3	-	6.8
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill		15	-	-	-	<1	-	<0.5	-	39	-	229	-	0.1	3	50	<5	<2	31	-	105
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill		57	-	-	-	<1	-	<0.5	-	16	-	55	-	<0.1	<2	15	<5	<2	<5	-	94
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural		61	-	-	-	<1	-	<0.5	-	8	-	19	-	<0.1	<2	10	<5	<2	<5	-	53
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural		120	-	-	-	<1	-	<0.5	-	8	-	28	-	<0.1	3	24	<5	<2	<5	-	64

						E-Nitrobenzenes		Explosives		Halogenated Benzenes														
						Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																							
VIC EPA IWRG621 Cat C																							
VIC EPA IWRG621 Fill Material																							
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.5	<1	<0.5	<0.5	<0.5	<1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						E-Nitrobenzenes		Explosives		Halogenated Benzenes														
						Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																							
VIC EPA IWRG621 Cat C																							
VIC EPA IWRG621 Fill Material																							
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.07	-
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.07	-
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.07	-
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	-	-	-	-	-	-	<0.5	<0.01	<0.02	<0.5	<0.02	<0.5	<0.5	<0.5	<0.02	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-

	E-Nitrobenzenes		Explosives		Halogenated Benzenes															
	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																		
VIC EPA IWRG621 Cat C																		
VIC EPA IWRG621 Fill Material																		

Segment	Location	Field_ID	SampleCode	Depth	Matrix																		
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.12	-
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.11	-
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.19	-
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-

						E-Nitrobenzenes		Explosives		Halogenated Benzenes														
						Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																							
VIC EPA IWRG621 Cat C																							
VIC EPA IWRG621 Fill Material																							
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-

						E-Nitrobenzenes		Explosives		Halogenated Benzenes														
						Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																							
VIC EPA IWRG621 Cat C																							
VIC EPA IWRG621 Fill Material																							
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.2	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						E-Nitrobenzenes		Explosives		Halogenated Benzenes														
						Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																							
VIC EPA IWRG621 Cat C																							
VIC EPA IWRG621 Fill Material																							
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.12	-
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	E-Nitrobenzenes		Explosives		Halogenated Benzenes															
	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																		
VIC EPA IWRG621 Cat C																		
VIC EPA IWRG621 Fill Material																		

Segment	Location	Field_ID	SampleCode	Depth	Matrix																		
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<1.24	-
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						E-Nitrobenzenes		Explosives		Halogenated Benzenes														
						Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																							
VIC EPA IWRG621 Cat C																							
VIC EPA IWRG621 Fill Material																							
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.19	-
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-

	E-Nitrobenzenes		Explosives		Halogenated Benzenes															
	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																		
VIC EPA IWRG621 Cat C																		
VIC EPA IWRG621 Fill Material																		

Segment	Location	Field_ID	SampleCode	Depth	Matrix																		
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-

		E-Nitrobenzenes		Explosives		Halogenated Benzenes															
		Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																			
VIC EPA IWRG621 Cat C																			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	-	-	-	-	-	-	<0.5	<0.01	<0.02	<0.5	<0.02	<0.5	<0.5	<0.5	<0.02	<0.03	-
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	E-Nitrobenzenes		Explosives		Halogenated Benzenes														
	Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																		
VIC EPA IWRG621 Cat C																		
VIC EPA IWRG621 Fill Material																		

Segment	Location	Field_ID	SampleCode	Depth	Matrix																		
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.5	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.37	-

						E-Nitrobenzenes		Explosives		Halogenated Benzenes														
						Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																							
VIC EPA IWRG621 Cat C																							
VIC EPA IWRG621 Fill Material																							
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.37	-
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.35	-
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.19	-
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-

						E-Nitrobenzenes		Explosives		Halogenated Benzenes														
						Nitrobenzene	Pentachloronitrobenzene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	1,2,3,4-Tetrachlorobenzene	1,2,3,5 & 1,2,4,5 Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chlorotoluene	4-Chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Pentachlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	1	0.5	0.5	0.5	1	0.5	0.1	0.01	0.02	0.05	0.02	0.1	0.05	0.05	0.02	0.0005	0.5
VIC EPA IWRG621 Cat B																							
VIC EPA IWRG621 Cat C																							
VIC EPA IWRG621 Fill Material																							
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.04	-
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.18	-
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.03	-
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	-	-	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	<0.05	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.17	-
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	-	-	-	-	-	<0.01	<0.02	-	<0.02	-	-	-	<0.02	<0.06	-

	Herbicides		MAH																			
	Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B					16													240		240
VIC EPA IWRG621 Cat C					4													70		70
VIC EPA IWRG621 Fill Material					1													7		7

Segment	Location	Field_ID	SampleCode	Depth	Matrix																		
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Herbicides		MAH																		
							Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B											16													240		240
VIC EPA IWRG621 Cat C											4													70		70
VIC EPA IWRG621 Fill Material											1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																						
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<0.05	<6	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	<0.05	<6	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	<0.05	<6	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.05	<5	<0.5	<0.5	<0.2	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2

						Herbicides		MAH																	
						Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B										16													240		240
VIC EPA IWRG621 Cat C										4													70		70
VIC EPA IWRG621 Fill Material										1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	<10	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	<9	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.12	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.12	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2

						Herbicides		MAH																		
						Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B										16													240		240
VIC EPA IWRG621 Cat C										4													70		70
VIC EPA IWRG621 Fill Material										1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<2.7
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<2.7
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<2.7
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<2.7
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2

							Herbicides		MAH																				
							Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B											16													240		240
VIC EPA IWRG621 Cat C											4													70		70
VIC EPA IWRG621 Fill Material											1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																							
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill		-	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill		<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill		<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural		-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill		<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural		-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural		-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill		-	<20	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	<0.05	-	<0.05	<0.1	<0.05	<0.15	-	-	<0.5
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill		<0.05	<5	-	-	0.6	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	0.6	-	3.6
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural		-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural		-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7

						Herbicides		MAH																	
						Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B										16													240		240
VIC EPA IWRG621 Cat C										4													70		70
VIC EPA IWRG621 Fill Material										1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<0.05	<10	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7

						Herbicides		MAH																		
						Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B										16													240		240
VIC EPA IWRG621 Cat C										4													70		70
VIC EPA IWRG621 Fill Material										1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	-	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	-	<99	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Herbicides		MAH																	
						Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B										16													240		240
VIC EPA IWRG621 Cat C										4													70		70
VIC EPA IWRG621 Fill Material										1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<0.05	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2

							Herbicides		MAH																		
							Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B											16													240		240
VIC EPA IWRG621 Cat C											4													70		70
VIC EPA IWRG621 Fill Material											1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																						
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill		<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill		<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill		<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural		-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural		-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill		<0.05	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill		<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural		-	-	<1	<1	<0.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<0.4	<6.4
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill		<0.11	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill		<0.05	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill		<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill		<0.05	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural		-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural		-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural		-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill		<0.11	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill		<0.12	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill		<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2

							Herbicides		MAH																				
							Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B											16													240		240
VIC EPA IWRG621 Cat C											4													70		70
VIC EPA IWRG621 Fill Material											1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.05	<5	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	<0.5	<0.5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	<3.2
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Herbicides		MAH																			
							Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B											16													240		240
VIC EPA IWRG621 Cat C											4													70		70
VIC EPA IWRG621 Fill Material											1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																							
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.05	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.23	<30	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2

						Herbicides		MAH																	
						Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B										16													240		240
VIC EPA IWRG621 Cat C										4													70		70
VIC EPA IWRG621 Fill Material										1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.21	<29	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.05	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.24	<28	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<0.23	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.24	<15	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<0.23	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.22	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2

			Herbicides		MAH																		
			Atrazine	Dinoseb	1,2,4-trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Toluene	Isopropylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Ethylbenzene	Xylenes (m & p)	Xylene (o)	Xylenes (Sum of total) (Lab Reported)	Total MAHs (Lab Reported)	Total BTEX	Total MAHs (Calculated)
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.05	1	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.1	0.1	0.05	0.1	0.05	0.1	0.05	0.15	0.2	0.2	
VIC EPA IWRG621 Cat B							16													240		240
VIC EPA IWRG621 Cat C							4													70		70
VIC EPA IWRG621 Fill Material							1													7		7
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	<0.2	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.2	<2.7
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	-	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	-	<0.7
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	<14	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	<5	-	-	<0.2	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	<3.2

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.1	<0.1	<0.1	-	<0.2	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-		
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.1	<0.1	<0.1	-	<0.2	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-		
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.1	<0.1	<0.1	-	<0.2	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-		
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.1	<0.1	<0.1	-	<0.2	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-		
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.1	<0.1	<0.1	-	<0.2	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-		
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.1	<0.1	<0.1	-	<0.2	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-		
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.1	<0.1	<0.1	-	<0.2	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-		
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.1	<0.1	<0.1	-	<0.2	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-		
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.1	<0.1	<0.1	-	<0.2	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-		
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18		
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18		
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17		
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17		
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17		
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	<0.07	<0.07	<0.07	<0.14	<0.07	<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	<0.07	<0.07	<0.07	<0.14	<0.07	<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	<0.07	<0.07	<0.07	<0.14	<0.07	<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	<0.04	<0.04	<0.04	<0.08	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	<0.18	<0.18	<0.04	<0.36	<0.18	<0.04	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	<0.12	<0.12	<0.12	<0.24	<0.12	<0.12	<0.12	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	<0.11	<0.11	<0.11	<0.22	<0.11	<0.11	<0.11	-	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	<0.03	<0.03	<0.18	<0.06	<0.03	<0.18	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	<0.19	<0.19	<0.19	<0.38	<0.19	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	<0.04	<0.04	<0.04	<0.08	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	<0.05	<0.05	-	<0.1	<0.05	<0.1	-	-	-	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	<0.04	<0.04	<0.04	<0.08	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	<0.12	<0.12	<0.12	<0.24	<0.12	<0.12	<0.12	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12		
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06		
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06		
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06		
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18		
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	-	<1.24	<1.24	<1.24	<2.48	<1.24	<1.24	<1.24	-	<1.24	<1.24	<1.24	<1.24	<1.24	<1.24		
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	-	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	<0.19	<0.19	<0.19	<0.38	<0.19	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06		
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06		
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06		
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18		
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05		
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18		
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								Organochlorine Pesticides									
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	<0.5	<0.5	-	<1	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-		
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-		
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	<0.04	<0.04	<0.04	<0.08	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	<0.04	<0.04	<0.04	<0.08	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	<0.04	<0.04	<0.04	<0.08	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05	
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	<0.37	<0.37	<0.37	<0.74	<0.37	<0.37	<0.37	-	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37		

								Organochlorine Pesticides										
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	<0.37	<0.37	<0.37	<0.74	<0.37	<0.37	<0.37	-	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	<0.35	<0.35	<0.35	<0.7	<0.35	<0.35	<0.35	-	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	<0.19	<0.19	<0.19	<0.38	<0.19	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18

								Organochlorine Pesticides									
								2,4-DDT	a-BHC	Aldrin	Aldrin & Dieldrin (Lab Sum)	Aldrin & Dieldrin (Sum of total) (Calculated)	b-BHC	Chlordane (Sum of total)	cis-Chlordane	gamma-Chlordane	trans-Chlordane	d-BHC	DDD	DDE	DDT	DDT+DDE+DDD (Lab Sum)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.05	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
VIC EPA IWRG621 Cat B											4.8	4.8		16								50
VIC EPA IWRG621 Cat C											1.2	1.2		4								50
VIC EPA IWRG621 Fill Material																						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	<0.04	<0.04	<0.04	<0.08	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.05	<0.05	<0.05	<0.05
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.05	<0.05	<0.05	<0.05
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	-	<0.05	<0.05	-	<0.1	<0.05	-	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06

						Organochlorine Pesticides													
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	<0.51	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	<0.51	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	<0.51	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides													
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<0.21	<0.07	-	<0.07	<0.07	<0.07	<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	-
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	<0.21	<0.07	-	<0.07	<0.07	<0.07	<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	-
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	<0.21	<0.07	-	<0.07	<0.07	<0.07	<0.07	<0.07	-	<0.07	<0.07	<0.07	<0.07	-
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-

						Organochlorine Pesticides													
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	<0.15	<0.04	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	<0.36	<0.12	-	<0.12	<0.12	<0.12	<0.12	<0.12	-	<0.12	<0.12	<0.12	<0.12	-
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	<0.33	<0.11	-	<0.11	<0.11	<0.11	<0.11	<0.11	-	<0.11	<0.11	<0.11	<0.11	-
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	<0.57	<0.19	-	<0.19	<0.19	<0.19	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	-
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides													
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	<0.15	<0.04	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-

						Organochlorine Pesticides													
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	<0.51	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<0.15	<0.04	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides														
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<0.36	<0.12	-	<0.12	<0.12	<0.12	<0.12	<0.12	-	<0.12	<0.12	<0.12	<0.12	-
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides														
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	<3.72	<1.24	-	<1.24	<1.24	<1.24	<1.24	<1.24	-	<1.24	<1.24	<1.24	<1.24	-
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides													
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	<0.51	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<0.57	<0.19	-	<0.19	<0.19	<0.19	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	-
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.51	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-

						Organochlorine Pesticides														
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-

						Organochlorine Pesticides													
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Organochlorine Pesticides												
							DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B							50										4.8			
VIC EPA IWRG621 Cat C							50										1.2			
VIC EPA IWRG621 Fill Material																				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill		<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill		<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill		<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill		<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill		<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill		<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural		<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill		<1.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill		<0.15	<0.04	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill		<0.15	<0.04	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill		<0.15	<0.04	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill		<1.11	<0.37	-	<0.37	<0.37	<0.37	<0.37	<0.37	-	<0.37	<0.37	<0.37	<0.37	-

						Organochlorine Pesticides													
						DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B						50										4.8			
VIC EPA IWRG621 Cat C						50										1.2			
VIC EPA IWRG621 Fill Material																			
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<1.11	<0.37	-	<0.37	<0.37	<0.37	<0.37	<0.37	-	<0.37	<0.37	<0.37	<0.37	-
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<1.05	<0.35	-	<0.35	<0.35	<0.35	<0.35	<0.35	-	<0.35	<0.35	<0.35	<0.35	-
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.57	<0.19	-	<0.19	<0.19	<0.19	<0.19	<0.19	-	<0.19	<0.19	<0.19	<0.19	-
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-

							Organochlorine Pesticides													
							DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC	Heptachlor	Heptachlor epoxide	Methoxychlor	o,p-DDD
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.00025	0.0005	0.0005	0.0005	0.1
VIC EPA IWRG621 Cat B							50										4.8			
VIC EPA IWRG621 Cat C							50										1.2			
VIC EPA IWRG621 Fill Material																				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill		<0.15	<0.04	-	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	<0.04	-
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill		<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill		<0.54	<0.18	-	<0.18	<0.18	<0.18	<0.18	<0.18	-	<0.18	<0.18	<0.18	<0.18	-
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural		<0.15	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	-
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL		<0.15	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill		<0.51	<0.17	-	<0.17	<0.17	<0.17	<0.17	<0.17	-	<0.17	<0.17	<0.17	<0.17	-
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill		<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural		<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural		<0.18	<0.06	-	<0.06	<0.06	<0.06	<0.06	<0.06	-	<0.06	<0.06	<0.06	<0.06	-

						Organochlorine Pesticides								Organophosphorous Pesticides										
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.1	-	<2	-	<1.5	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides								Organophosphorous Pesticides									
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	<0.04	<1.47	<0.04	<1.12	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	<0.07	<1.47	<0.07	<1.12	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	<0.07	<1.47	<0.07	<1.12	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides								Organophosphorous Pesticides										
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	<0.04	<3.64	<0.04	<2.74	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	<0.12	<2.52	<0.12	<1.92	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	<0.11	<2.31	<0.11	<1.76	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	<0.18	<0.84	<0.18	<0.63	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	<0.19	<3.99	<0.19	<3.04	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides								Organophosphorous Pesticides									
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-

	Organochlorine Pesticides								Organophosphorous Pesticides									
	o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B				50	50													
VIC EPA IWRG621 Cat C				10	10													
VIC EPA IWRG621 Fill Material		1	1															

Segment	Location	Field_ID	SampleCode	Depth	Matrix																		
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	<1	-	<0.75	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides								Organophosphorous Pesticides									
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	<0.07	<2.52	<0.07	<1.92	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides								Organophosphorous Pesticides									
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	-	<1.24	<26.04	<1.24	<19.84	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Organochlorine Pesticides								Organophosphorous Pesticides									
							o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B										50	50													
VIC EPA IWRG621 Cat C										10	10													
VIC EPA IWRG621 Fill Material								1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural		-	<0.17	<3.57	<0.17	<2.72	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural		-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural		-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill		-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil		-	<0.19	<3.99	<0.19	<3.04	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill		-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural		-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill		-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill		-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill		-	<0.17	<3.57	<0.17	<2.72	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill		-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

						Organochlorine Pesticides								Organophosphorous Pesticides									
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

						Organochlorine Pesticides								Organophosphorous Pesticides									
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides								Organophosphorous Pesticides										
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	-	<9	-	<6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	<0.37	<7.77	<0.37	<5.92	-	-	-	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23

						Organochlorine Pesticides								Organophosphorous Pesticides									
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	<0.37	<7.77	<0.37	<5.92	-	-	-	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	<0.35	<7.35	<0.35	<5.6	-	-	-	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	<0.19	<3.99	<0.19	<3.04	-	-	-	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	<0.18	<3.78	<0.18	<2.88	-	-	-	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22

						Organochlorine Pesticides								Organophosphorous Pesticides									
						o,p-DDE	Organochlorine Pesticides (Lab Reported)	Organochlorine Pesticides (Calculated)	Other OCPs (IWRG Lab Reported)	Other Organochlorine Pesticides	Oxychlordane	Toxaphene	trans-Nonachlor	Azinphos-methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyriphos	Chlorpyriphos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.03		0.03		0.0005	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
VIC EPA IWRG621 Cat B									50	50													
VIC EPA IWRG621 Cat C									10	10													
VIC EPA IWRG621 Fill Material							1	1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																		
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	<0.04	<0.87	<0.04	<0.64	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	<0.18	<3.78	<0.18	<2.88	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	<0.03	<0.69	<0.03	<0.48	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	-	-	<0.9	-	<0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	<0.17	<3.57	<0.17	<2.72	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	<0.06	<1.26	<0.06	<0.96	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	<0.06	<1.26	<0.06	<0.96	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	<0.06	<1.26	<0.06	<0.96	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.12	<0.12	<0.12	<0.2	<0.2	<0.2	<0.12	<0.12
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.12	<0.12	<0.12	<0.2	<0.2	<0.2	<0.12	<0.12
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.11	<0.11	<0.11	<0.2	<0.2	<0.2	<0.11	<0.11
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<0.11	<0.11	<0.11	<0.2	<0.2	<0.2	<0.11	<0.11
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	<0.12	<0.12	<0.12	<0.2	<0.2	<0.2	<0.12	<0.12
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.23	<0.23

						Organophosphorous Pesticides							
						Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B													
VIC EPA IWRG621 Cat C													
VIC EPA IWRG621 Fill Material													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.21	<0.21	<0.21	<0.2	<0.2	<0.2	<0.21	<0.21
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.05	<0.05
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.24	<0.24	<0.24	<0.2	<0.2	<0.2	<0.24	<0.24
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.23	<0.23
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.24	<0.24	<0.24	<0.2	<0.2	<0.2	<0.24	<0.24
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<0.23	<0.23	<0.23	<0.2	<0.2	<0.2	<0.23	<0.23
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.22	<0.22	<0.22	<0.2	<0.2	<0.2	<0.22	<0.22

							Organophosphorous Pesticides							
							Fenamiphos	Fenthion	Malathion	Parathion-methyl	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.05	0.2	0.2	0.2	0.05	0.05
VIC EPA IWRG621 Cat B														
VIC EPA IWRG621 Cat C														
VIC EPA IWRG621 Fill Material														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**									
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural		-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill		-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock		-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock		-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock		-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock		-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill		-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill		-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill		-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural		-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL		-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill		-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill		-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural		-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural		-	-	-	-	-	-	-	-

						PAH																		
						Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B										20														
VIC EPA IWRG621 Cat C										5														
VIC EPA IWRG621 Fill Material										1														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.1	0.21	0.42	1.3	1.4	-	-	-	-	2.4	-	-	-	1.1	-	0.77	0.18	2.2	<0.1	0.95
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.1	<0.1	0.11	0.28	0.27	-	-	-	-	0.54	-	-	-	0.2	-	0.22	<0.1	0.55	<0.1	0.16
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	0.87	0.13	1.8	5.8	3.8	-	-	-	-	6.4	-	-	-	2.3	-	2.6	0.14	8.1	0.8	1.9
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	0.4	0.52	1.6	5.8	4.6	-	-	-	-	7.5	-	-	-	2.8	-	2.8	0.17	8.3	0.33	2.5
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.1	<0.1	<0.1	0.22	0.16	-	-	-	-	0.39	-	-	-	0.15	-	0.13	<0.1	0.35	<0.1	0.12
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.1	<0.1	0.11	0.33	0.44	-	-	-	-	0.76	-	-	-	0.33	-	0.23	<0.1	0.45	<0.1	0.27
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.2	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.2	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.2	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	0.4	2.3	4.6	8.7	8	-	-	-	-	-	-	-	9.1	5.1	4	7.4	<0.2	21	<0.2	4.5
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	0.4	4.1	4.9	19	25	-	-	-	-	-	-	-	28	23	11	19	<0.2	34	<0.2	19
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<0.5	<0.5	<0.5	1.3	1.1	-	1.4	1.7	2	-	-	1.7	-	0.5	-	1	<0.5	2.6	<0.5	<0.5
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	1.1	<0.5	3.3	7	6.3	-	9	9	9	-	-	9.8	-	3.2	-	5.8	0.7	15.9	1.3	2.7
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	0.8	<0.5	1.3	4	3.9	-	5.1	5.4	5.6	-	-	6.1	-	2	-	3.6	<0.5	9.9	0.6	1.6
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	1.1	<0.5	2.1	4.6	4.8	-	6.3	6.5	6.8	-	-	7.3	-	2.5	-	4.9	<0.5	12.2	1.1	2
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	0.6	<0.5	1.4	2.1	2.5	-	3.3	3.6	3.8	-	3.2	-	-	2.1	1.1	2.1	<0.5	7.6	0.8	1.5
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						PAH																		
						Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B										20														
VIC EPA IWRG621 Cat C										5														
VIC EPA IWRG621 Fill Material										1														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	1	<0.5	<0.5
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.5	-	<0.5	-	<0.5	<0.5	0.8	<0.5	<0.5
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	<0.5	<0.5	<0.5	0.9	1.7	-	2.1	2.3	2.6	-	-	2	-	1.2	-	1.3	<0.5	0.8	<0.5	0.8
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	<0.5	<0.5	<0.5	0.6	0.9	-	-	-	-	1.2	-	-	-	0.7	-	0.7	<0.5	0.7	<0.5	<0.5
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5

						PAH																		
						Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B										20														
VIC EPA IWRG621 Cat C										5														
VIC EPA IWRG621 Fill Material										1														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	0.6	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	<0.5	<0.5	<0.5	0.8	0.8	-	-	-	-	1.2	-	-	-	<0.5	-	0.7	<0.5	1.5	<0.5	<0.5
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	2.8	<0.5	8.4	24.9	25.2	-	-	-	-	36	-	-	-	14.6	-	22.9	3.2	44.8	1.5	11.8
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	<0.5	<0.5	<0.5	1.3	1.6	-	-	-	-	2.7	-	-	-	1.2	-	1.3	<0.5	2.3	<0.5	0.9
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	<0.5	<0.5	0.5	1.2	1.1	-	-	-	-	1.7	-	-	-	0.6	-	0.9	<0.5	2	<0.5	0.5
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	<0.5	<0.5	<0.5	3.2	4.6	-	-	-	-	5.2	-	-	-	3.1	-	3.6	0.8	3.3	<0.5	2
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	<0.5	<0.5	<0.5	0.8	1.4	-	-	-	-	1.8	-	-	-	1	-	0.9	<0.5	1.1	<0.5	0.7
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.5	<0.5	<0.5	0.7	1	-	1.3	1.5	1.8	-	-	1.5	-	0.6	-	0.8	<0.5	1.2	<0.5	0.5
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.5	0.8	0.5	2.8	5.1	-	7.1	7.1	7.1	-	-	7.4	-	3.2	-	4.5	0.7	5.8	<0.5	2.4
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

							PAH																	
							Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B											20															
VIC EPA IWRG621 Cat C											5															
VIC EPA IWRG621 Fill Material											1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																					
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	<0.5	1.2	1.4	4.4	4.1	-	-	-	-	6.5	-	-	-	2.9	-	3.6	0.7	11.6	<0.5	2.5
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	0.7	-	-	-	<0.5	-	<0.5	<0.5	0.5	<0.5	<0.5
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	<0.5	<0.5	<0.5	1.6	2	-	-	-	-	3	-	-	-	1.5	-	1.3	<0.5	2.7	<0.5	1.2
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	<0.5	<0.5	0.6	1.8	1.9	-	-	-	-	3	-	-	-	1.4	-	1.5	<0.5	3.7	<0.5	1
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5

							PAH																
							Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B											20															
VIC EPA IWRG621 Cat C											5															
VIC EPA IWRG621 Fill Material											1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																					
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	<0.5	<0.5	<0.5	1.5	2	-	-	-	-	3	-	-	-	1.6	-	1.3	<0.5	2.2	<0.5	1.2
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.5	<0.5	<0.5	<0.5	0.5	-	0.6	0.9	1.2	-	-	0.8	-	<0.5	-	<0.5	<0.5	0.8	<0.5	<0.5
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

							PAH																
							Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B											20															
VIC EPA IWRG621 Cat C											5															
VIC EPA IWRG621 Fill Material											1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																					
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<0.5	<0.5	1.6	6.2	8	-	10.9	10.9	10.9	-	-	11.1	-	4.6	-	5.5	0.6	10.7	<0.5	4.6
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.7	-	<0.5	-	<0.5	<0.5	0.8	<0.5	<0.5
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	0.6	<0.5	<0.5
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

						PAH																		
						Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B										20														
VIC EPA IWRG621 Cat C										5														
VIC EPA IWRG621 Fill Material										1														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	<0.5	<0.5	<0.5	0.5	0.6	-	-	-	-	1.1	-	-	-	0.6	-	<0.5	<0.5	1.4	<0.5	<0.5
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	<0.5	0.7	0.6	3.5	4.4	-	-	-	-	7.6	-	-	-	4	-	3.5	0.7	6.8	<0.5	3.2
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	6.6	<1.2	23.2	53.8	37.7	-	-	-	-	71	-	-	-	25.7	-	52.6	6.6	136	5.5	20.5
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	0.7	<0.5	<0.5
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						PAH																		
						Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B										20														
VIC EPA IWRG621 Cat C										5														
VIC EPA IWRG621 Fill Material										1														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	<0.5	<0.5	0.9	2.4	2.8	-	3.7	3.9	4.2	-	-	4.3	-	1.8	-	2	<0.5	5	<0.5	1.7
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	<0.5	<0.5	<0.5	0.8	1.1	-	1.5	1.7	2	-	1.4	-	-	1	0.6	0.7	<0.5	1.4	<0.5	0.8
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	<0.5	<0.5	<0.5	1.9	2.6	-	3.4	3.6	3.9	-	-	4	-	1.6	-	1.9	<0.5	3.2	<0.5	1.5
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<0.5	0.9	1	3.2	3.9	-	5	5.3	5.5	-	-	5.9	-	2	-	2.8	<0.5	5.3	<0.5	1.7
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<0.5	0.7	1	4.2	4.7	-	6.8	6.8	6.8	-	-	8	-	2.3	-	4.3	0.6	7.2	<0.5	2.1
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<0.5	1.4	2.5	12.8	14.3	-	20.5	20.5	20.5	-	-	24	-	6.8	-	12.9	1.7	21.4	<0.5	6.3
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.5	<0.5	<0.5	1.4	1.8	-	2.3	2.6	2.8	-	-	2.8	-	1	-	1.4	<0.5	2.7	<0.5	0.8
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.5	<0.5	1.6	4.3	5.7	-	8	8	8	-	-	9.2	-	3	-	4.4	0.6	9.3	<0.5	2.5
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.5	<0.5	<0.5	1	1.1	-	1.4	1.6	1.9	-	-	1.7	-	<0.5	-	0.9	<0.5	1.2	<0.5	<0.5
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.5	<0.5	<0.5	0.6	0.8	-	1	1.3	1.6	-	-	1.3	-	<0.5	-	0.6	<0.5	1.3	<0.5	<0.5

						PAH																	
						Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo[a]pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B										20															
VIC EPA IWRG621 Cat C										5															
VIC EPA IWRG621 Fill Material										1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.9	-	<0.5	-	<0.5	<0.5	1.2	<0.5	<0.5
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	0.6	<0.5	<0.5
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.5	<0.5	<0.5	1.3	1.6	-	2.1	2.3	2.6	-	-	2.6	-	0.8	-	1.1	<0.5	2.7	<0.5	0.7
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	<0.5	<0.5	0.9	2.4	3.1	-	4	4.3	4.5	-	-	5.2	-	1.6	-	2.5	<0.5	4.4	<0.5	1.3
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	3.8	2.7	17.8	27.8	35.9	-	48.5	48.5	48.5	-	-	55.9	-	14.8	-	24.5	2.6	98.6	5.3	12.6
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.6	-	<0.5	-	<0.5	<0.5	0.6	<0.5	<0.5
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.5	<0.5	0.6	1.3	1.4	-	1.8	2.1	2.3	-	-	2.2	-	0.6	-	1.2	<0.5	3	<0.5	0.5
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<0.5	<0.5	0.5	2.6	3.6	-	5.2	5.2	5.2	-	-	6	-	2.3	-	2.8	0.5	4.2	<0.5	2
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	0.7	0.9	4.5	9.8	10.4	-	15.2	15.2	15.2	-	-	16.2	-	5.3	-	8.8	1.5	26.6	0.7	5.1
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.8	-	<0.5	-	<0.5	<0.5	0.9	<0.5	<0.5

						PAH																		
						Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B										20														
VIC EPA IWRG621 Cat C										5														
VIC EPA IWRG621 Fill Material										1														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	0.6	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.5	<0.5	<0.5	1.8	2.3	-	3	3.3	3.5	-	-	3.8	-	1.5	-	1.9	<0.5	3.2	<0.5	1.2
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.5	<0.5	0.6	1.9	2.4	-	3.1	3.4	3.6	-	-	3.7	-	1.3	-	2	<0.5	3.6	<0.5	1.1
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.5	<0.5	<0.5	0.6	0.8	-	1	1.3	1.5	-	-	1.2	-	<0.5	-	0.7	<0.5	1.2	<0.5	<0.5
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.5	<0.5	<0.5	1.1	1.4	-	1.8	2.1	2.3	-	-	2.3	-	1.1	-	1.1	<0.5	2	<0.5	0.8
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	<0.5	<0.5	<0.5	0.7	0.8	-	1	1.3	1.6	-	1	-	-	0.6	<0.5	0.7	<0.5	1.5	<0.5	<0.5
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.5	1.9	5.2	10.5	11.3	-	16	16	16	-	-	16.2	-	6	-	9.7	1.4	18.7	<0.5	5.2
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						PAH																	
						Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B										20															
VIC EPA IWRG621 Cat C										5															
VIC EPA IWRG621 Fill Material										1															
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	<0.2	0.3	1.1	5.5	6.1	-	-	-	-	-	-	-	7.1	4.6	2.9	5.2	<0.2	11	<0.2	3.7
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	6.7	0.8	11	24	22	-	-	-	-	-	-	-	26	14	11	21	<0.2	51	5.2	12
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	<0.2	0.5	1.7	5.6	6	-	-	-	-	-	-	-	6.3	4.2	2.6	5	<0.2	11	<0.2	3.6
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	<0.2	<0.2	0.7	3	3.4	-	-	-	-	-	-	-	3.8	2.7	1.8	2.9	<0.2	6.1	<0.2	2.1
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	<0.2	<0.2	<0.2	0.3	0.4	-	-	-	-	-	-	-	0.4	0.3	<0.2	0.3	<0.2	0.6	<0.2	0.3
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	0.8	3.7	5.6	23	28	-	-	-	-	-	-	-	28	22	12	21	<0.2	38	<0.2	18
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	<0.2	0.2	0.5	2.2	2.4	-	-	-	-	-	-	-	2.6	1.9	1.3	2.1	<0.2	4.2	<0.2	1.5
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	1.8	3	7.9	38	41	-	-	-	-	-	-	-	45	30	19	33	<0.2	66	1.4	26
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	<0.2	<0.2	<0.2	0.5	0.6	-	-	-	-	-	-	-	0.6	0.4	0.4	0.6	<0.2	1.1	<0.2	0.4
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	<0.2	<0.2	<0.2	<0.2	0.3	-	-	-	-	-	-	-	0.2	<0.2	<0.2	0.3	<0.2	0.4	<0.2	<0.2
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	0.4	<0.2	<0.2
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	<0.2	<0.2
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.5	<0.5	<0.5	2.2	2.3	-	3.1	3.3	3.6	-	-	4	-	1.2	-	1.7	<0.5	3.4	<0.5	1.4
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.5	3.8	7.5	15.2	13.1	-	19.5	19.5	19.5	-	-	25.6	-	6.8	-	9.6	1.5	28.9	1	6.3

						PAH																		
						Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B										20														
VIC EPA IWRG621 Cat C										5														
VIC EPA IWRG621 Fill Material										1														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.5	1.3	3.1	7.4	5.5	-	8.4	8.4	8.4	-	-	10.6	-	2.9	-	5.2	0.8	14.5	<0.5	2.7
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	0.9	<0.5	2.9	8.6	8.6	-	12.7	12.7	12.7	-	-	13.9	-	4.7	-	6.4	1.3	14.8	0.7	4.4
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.5	0.7	1.5	9.1	7.7	-	11.6	11.6	11.6	-	-	15.1	-	4.8	-	6.8	1	15.2	<0.5	4.1
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	1.4	5.6	11.5	18.4	23.6	-	33.8	33.8	33.8	-	-	46.5	-	9.7	-	16.5	2.5	44.6	4.5	10
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.5	2.4	3.4	12.7	20.8	-	29.9	29.9	29.9	-	-	39.7	-	12.1	-	13.3	2.5	23.2	<0.5	11.5
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	<0.5	<0.5	<0.5	1	1	-	1.3	1.6	1.8	-	1.2	-	-	0.7	<0.5	1	<0.5	2.2	<0.5	0.6
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	3.4	2.7	13.9	22.8	31.3	-	44.7	44.7	44.7	-	-	62.4	-	13.1	-	19.8	3.2	77.2	4.6	13.7
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.5	1.4	2.2	7.3	9.4	-	14.1	14.1	14.1	-	-	20	-	5.4	-	7.5	1.3	13.4	<0.5	5.8

	PAH																				
	Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(a)pyrene TEQ (medium bound)*	Benzo(a)pyrene TEQ (upper bound)*	Benzo(b)&(k)fluoranthene	Benzo(b)&(j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.004	0.004	0.004	0.004	0.004	0.5	0.5	0.5	0.5	0.01	0.5	0.5	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
VIC EPA IWRG621 Cat B					20															
VIC EPA IWRG621 Cat C					5															
VIC EPA IWRG621 Fill Material					1															

Segment	Location	Field_ID	SampleCode	Depth	Matrix																			
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	1.2	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	<0.5	<0.5	0.7	1.7	1.4	-	-	-	-	2.7	-	-	-	0.6	-	1.4	<0.5	4.2	<0.5	0.6
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	<0.5	<0.5	<0.5	1.2	0.9	-	-	-	-	1.6	-	-	-	<0.5	-	1	<0.5	2.8	<0.5	<0.5
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	<0.5	0.6	2	4.5	3.6	-	-	-	-	6.6	-	-	-	1.6	-	3.7	<0.5	11.2	0.5	1.5
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	<0.5	<0.5	<0.5	<0.5	0.5	-	-	-	-	0.9	-	-	-	<0.5	-	<0.5	<0.5	0.8	<0.5	<0.5
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	0.7	-	-	-	<0.5	-	<0.5	<0.5	0.7	<0.5	<0.5
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	0.7	-	-	-	<0.5	-	<0.5	<0.5	0.6	<0.5	<0.5
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5

							PAH						PAH-Others					
							Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B											400	400						
VIC EPA IWRG621 Cat C											100	100						
VIC EPA IWRG621 Fill Material											20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.1 - 0.16	1	-	2.2	<14.9	14.49	<0.5	<0.1	<0.5	<0.1	-	-
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.1	0.22	-	0.52	<3.77	3.57	<0.5	<0.1	<0.5	<0.1	-	-
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.1 - 2.2	7.2	-	8	53	52.04	<0.5	0.47	<0.5	0.53	-	-
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.1 - 0.66	5.4	-	8.3	52	51.68	<0.5	0.26	<0.5	0.2	-	-
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.1	0.11	-	0.35	<2.78	2.58	<0.5	<0.1	<0.5	<0.1	-	-
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.1	0.14	-	0.53	<4.29	4.09	<0.5	<0.1	<0.5	<0.1	-	-
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.1	<0.1	-	<0.1	<1.8	<1.6	<0.5	<0.1	<0.5	<0.1	-	-
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.1	<0.1	-	<0.1	<1.8	<1.6	<0.5	<0.1	<0.5	<0.1	-	-
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.1	<0.1	-	<0.1	<1.8	<1.6	<0.5	<0.1	<0.5	<0.1	-	-
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	0.8	16	-	19	110	111.3	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	0.4	10	-	39	240	237.2	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<0.5	1.6	-	2.4	12.2	14	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	<1 - 1.1	13.8	-	14.9	86.9	77.6	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	<0.5 - 1	8.3	-	9.3	51.4	47.3	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	<1 - 1.1	11.6	-	11.5	66.8	60.5	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	<1 - 0.6	6.4	-	6.8	38.8	36.6	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-

							PAH						PAH-Others					
							Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B											400	400						
VIC EPA IWRG621 Cat C											100	100						
VIC EPA IWRG621 Fill Material											20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		<0.5	0.5	-	0.9	2.4	8.4	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		<0.5	0.9	-	0.8	3	8	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		<0.5	<0.5	-	1.8	10.5	12	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill		<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural		<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill		<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural		<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural		<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural		<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural		<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural		<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural		<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural		<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill		<0.5	<0.5	-	1.5	6.3	10.3	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-

						PAH						PAH-Others					
						Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B										400	400						
VIC EPA IWRG621 Cat C										100	100						
VIC EPA IWRG621 Fill Material										20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	<0.5	<0.5	-	0.5	1.1	7.6	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	<0.5	1	-	1.4	7.4	11.4	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	0.8	30.3	-	46.2	273	273.9	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	<0.5	0.8	-	2.4	14.5	17.5	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	<0.5	1.8	-	1.9	12.2	14.7	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	0.7	1.1	-	7	34.6	36.6	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	<0.5	<0.5	-	2.1	9.8	13.3	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.5	<0.5	-	1.3	7.6	9.6	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.5	4.6	-	7.3	45.1	39.2	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-

						PAH						PAH-Others					
						Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B										400	400						
VIC EPA IWRG621 Cat C										100	100						
VIC EPA IWRG621 Fill Material										20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	<0.5	7.9	-	10.1	56.9	58.4	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	<0.5	<0.5	-	0.5	1.7	7.7	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	<0.5	0.8	-	2.7	16.8	19.8	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	<0.5	2.3	-	3.8	21	23.5	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-

						PAH						PAH-Others					
						Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B										400	400						
VIC EPA IWRG621 Cat C										100	100						
VIC EPA IWRG621 Fill Material										20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	<0.5	0.8	-	2.3	15.9	18.9	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.5	<0.5	-	0.8	2.9	7.6	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<8	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-

						PAH						PAH-Others					
						Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B										400	400						
VIC EPA IWRG621 Cat C										100	100						
VIC EPA IWRG621 Fill Material										20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<0.5	3.8	-	11.4	68.1	59	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.5	<0.5	-	0.8	2.3	7.6	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.5	0.6	-	0.6	1.8	7.3	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-

						PAH						PAH-Others					
						Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B										400	400						
VIC EPA IWRG621 Cat C										100	100						
VIC EPA IWRG621 Fill Material										20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	<0.5	0.8	-	0.7	2.3	8.3	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	<0.5	<0.5	-	1.4	5.6	10.1	-	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	<0.5	1.6	-	7.4	44	45.5	-	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	1.6	84.3	-	132	657	658.3	-	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	<0.5	0.6	-	0.7	2	8	-	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-

						PAH						PAH-Others					
						Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B										400	400						
VIC EPA IWRG621 Cat C										100	100						
VIC EPA IWRG621 Fill Material										20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	<0.5	2.4	-	4.4	27.7	25.9	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	<0.5	<0.5	-	1.5	9.3	11.4	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	<0.5	1	-	3.1	20.8	19.8	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<0.5	2.1	-	5.6	34.4	30.5	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.5	<0.5	-	<0.5	0.5	<7	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<0.5	2.5	-	7.5	45.1	38.6	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<0.5	6.6	-	22.5	133	110.7	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.5	1.3	-	2.7	15.9	16.1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.5	5	-	9.3	54.9	47.7	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.5	0.6	-	1.3	7.8	10.1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.5	0.6	-	1.3	6.5	9.2	-	-	-	-	-	-

						PAH						PAH-Others					
						Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B										400	400						
VIC EPA IWRG621 Cat C										100	100						
VIC EPA IWRG621 Fill Material										20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.5	<0.5	-	1.5	3.6	8.7	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.5	<0.5	-	0.5	1.1	7.1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.5	0.9	-	2.8	14.5	14.9	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	<0.5	<0.5	-	0.5	0.5	7.5	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	<0.5	2	-	4.6	28	25.3	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	<2	-	-	-	-	<2	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<1 - 2.5	57.7	-	88.8	451	395.4	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.5	<0.5	-	0.6	1.8	7.2	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.5	1.9	-	3	15.7	16	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<0.5	1.4	-	4.3	30.2	26.2	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	<0.5	14.9	-	24.1	130	113.8	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.5	<0.5	-	0.8	2.5	7.7	-	-	-	-	-	-

						PAH						PAH-Others					
						Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B										400	400						
VIC EPA IWRG621 Cat C										100	100						
VIC EPA IWRG621 Fill Material										20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	<1	-	-	-	-	<1	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.5	<0.5	-	<0.5	0.6	<7	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.5	1.1	-	3.2	20	19.2	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.5	1.8	-	3.5	21.9	20.7	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.5	0.7	-	1.2	6.4	9.2	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.5	0.9	-	2.2	12.9	13.6	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	<0.5	<0.5	-	1.5	6.8	10.3	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.5	14.3	-	19.4	120	105.1	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-

						PAH						PAH-Others					
						Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B										400	400						
VIC EPA IWRG621 Cat C										100	100						
VIC EPA IWRG621 Fill Material										20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	<0.2	4.5	-	11	62	63.8	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	3.7	35	-	47	290	290.6	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	<0.2	4.6	-	11	62	62.9	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	<0.2	2.1	-	6	35	35.6	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	<0.2	<0.2	-	0.6	4	4.8	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	0.3	13	-	41	250	254.8	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	<0.2	1.5	-	4.2	25	25.4	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	<0.2	27	-	67	410	406.5	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	<0.2	0.4	-	1.1	6	7.3	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	<0.2	<0.2	-	0.4	2	3.8	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	<0.2	<0.2	-	0.3	<2	3.5	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	<0.2	<0.2	-	<0.2	<2	3.2	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.5	<0.5	-	<0.5	<0.5	<7	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.5	0.5	-	4.1	20.8	19.8	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<1 - 1.7	20.8	-	28.5	170	145.2	-	-	-	-	-	-

						PAH						PAH-Others					
						Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B										400	400						
VIC EPA IWRG621 Cat C										100	100						
VIC EPA IWRG621 Fill Material										20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.5	8.2	-	14.3	76.5	67.4	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.5	7.3	-	14.4	88.9	76	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.5	4.6	-	16.6	87.2	73.6	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<1 - 0.6	37.1	-	41.6	274	227.6	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.5	8.4	-	24.6	175	136.4	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	<0.5	<0.5	-	0.6	1.1	7.6	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	<0.5	1	-	2.2	10.9	13.2	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<1 - 2.4	56.2	-	70	397	334.3	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.5	5.6	-	14.3	93.6	75.1	-	-	-	-	-	-

							PAH						PAH-Others					
							Naphthalene	Phenanthrene	Perylene	Pyrene	PAH (Sum of Common 16 PAH)	PAH (Sum of Common 16 PAHs) (Calculated)	1-Chloronaphthalene	1-Methylnaphthalene	2-Chloronaphthalene	2-Methylnaphthalene	Benzo(e)pyrene	Coronene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.005	0.004	0.004	0.004	0.004		0.5	0.1	0.5	0.005	0.004	0.005
VIC EPA IWRG621 Cat B											400	400						
VIC EPA IWRG621 Cat C											100	100						
VIC EPA IWRG621 Fill Material											20	20						
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill		<0.5	2.5	-	3.8	19.6	22.1	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill		<0.5	1.7	-	2.6	11.8	15.8	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill		<0.5	7.7	-	9.9	53.4	54.9	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL		<0.2	<0.2	-	<0.2	<2	<3.2	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill		<0.5	<0.5	-	0.8	3	8.5	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill		<0.5	<0.5	-	0.7	2.1	8.1	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural		<0.5	<0.5	-	0.6	1.9	7.9	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural		<0.5	<0.5	-	<0.5	<0.5	<7.5	-	-	-	-	-	-

						Pesticides-Others			Phenolics										
						Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B																		2200
VIC EPA IWRG621 Cat C																		560
VIC EPA IWRG621 Fill Material																		60
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	-	-	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	-	-	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	-	-	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	-	-	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	-	-	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	-	-	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	-	-	<0.5	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	-
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-

						Pesticides-Others			Phenolics									
						Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B																		2200
VIC EPA IWRG621 Cat C																		560
VIC EPA IWRG621 Fill Material																		60
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<0.05	<0.05	<0.05	<1	<6	<1	<1	<1	<6	<6	<6	<1	<1
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	<0.05	<0.05	<0.05	<1	<6	<1	<1	<1	<6	<6	<6	<1	<1
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<1	<6	<1	<1	<1	<6	<6	<6	<1	<1
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1

						Pesticides-Others			Phenolics										
						Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B																		2200
VIC EPA IWRG621 Cat C																		560
VIC EPA IWRG621 Fill Material																		60
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	<1	<10	<1	<1	<1	<10	<10	<10	<1	<1
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	<1	<9	<1	<1	<1	<9	<9	<9	<1	<1
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.12	<0.12	<0.12	<1	<15	<1	<1	<1	<15	<14	<15	<1	<1
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.12	<0.12	<0.12	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

	Pesticides-Others			Phenolics									
	Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B													2200
VIC EPA IWRG621 Cat C													560
VIC EPA IWRG621 Fill Material													60

Segment	Location	Field_ID	SampleCode	Depth	Matrix														
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1

	Pesticides-Others			Phenolics									
	Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B													2200
VIC EPA IWRG621 Cat C													560
VIC EPA IWRG621 Fill Material													60

Segment	Location	Field_ID	SampleCode	Depth	Matrix														
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	-	<0.5	<5	<0.2	<1	<0.4	<5	<20	<5	<0.5	<20
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

						Pesticides-Others			Phenolics									
						Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B																		2200
VIC EPA IWRG621 Cat C																		560
VIC EPA IWRG621 Fill Material																		60
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<0.05	<0.05	<0.05	<1	<10	<1	<1	<1	<10	<10	<10	<1	<1
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-

						Pesticides-Others			Phenolics									
						Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B																		2200
VIC EPA IWRG621 Cat C																		560
VIC EPA IWRG621 Fill Material																		60
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	<1	<99	<1	<1	<2	<99	<99	<99	<1	<1
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-

		Pesticides-Others			Phenolics										
		Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B														2200
VIC EPA IWRG621 Cat C														560
VIC EPA IWRG621 Fill Material														60
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**										
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<0.05	<0.05	<0.2	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<0.05	<0.05	<0.2	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1

						Pesticides-Others			Phenolics									
						Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B																		2200
VIC EPA IWRG621 Cat C																		560
VIC EPA IWRG621 Fill Material																		60
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	<0.05	<0.05	<0.05	<1	<15	<1	<1	<1	<15	<14	<15	<1	<1
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.11	<0.11	<0.11	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.05	<0.05	<0.05	<1	<15	<1	<1	<1	<15	<14	<15	<1	<1
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.05	<0.05	<0.05	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.05	<0.05	<0.05	<1	<15	<1	<1	<1	<15	<14	<15	<1	<1
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<0.11	<0.11	<0.11	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	<0.12	<0.12	<0.12	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1

						Pesticides-Others			Phenolics									
						Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B																		2200
VIC EPA IWRG621 Cat C																		560
VIC EPA IWRG621 Fill Material																		60
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.05	<0.05	<0.05	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.05	<0.05	<0.2	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.05	<0.05	<0.2	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-

						Pesticides-Others			Phenolics									
						Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B																		2200
VIC EPA IWRG621 Cat C																		560
VIC EPA IWRG621 Fill Material																		60
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	-	<0.5	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.05	<0.05	<0.2	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.23	<0.23	<0.23	<1	<30	<1	<1	<1	<30	<29	<30	<1	<1

	Pesticides-Others			Phenolics									
	Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B													2200
VIC EPA IWRG621 Cat C													560
VIC EPA IWRG621 Fill Material													60

Segment	Location	Field_ID	SampleCode	Depth	Matrix													
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.21	<0.21	<0.21	<1	<29	<1	<1	<1	<29	<29	<29	<1	<1
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.05	<0.05	<0.2	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.24	<0.24	<0.24	<1	<28	<1	<1	<1	<28	<28	<28	<1	<1
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<0.23	<0.23	<0.23	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.24	<0.24	<0.24	<1	<15	<1	<1	<1	<15	<15	<15	<1	<1
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<0.23	<0.23	<0.23	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.22	<0.22	<0.22	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1

						Pesticides-Others			Phenolics									
						Bifenthrin	Demeton-s-methyl	Mirex	2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.5	0.2	0.2	0.4	1	1	0.5	0.2	1
VIC EPA IWRG621 Cat B																		2200
VIC EPA IWRG621 Cat C																		560
VIC EPA IWRG621 Fill Material																		60
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	-	-	<0.05	<0.2	<1	<0.2	<0.2	<0.4	<1	<1	<0.5	<0.2	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	<1	<14	<1	<1	<1	<14	<14	<14	<1	<1
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	<1	<5	<1	<1	<1	<5	<5	<5	<1	<1

						Phenolics-Halogenated													
						2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																		320	
VIC EPA IWRG621 Cat C																		10	
VIC EPA IWRG621 Fill Material																		1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-	-
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-	-
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-	-
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-	-
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-	-
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-	-
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-	-
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-	-
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	-	-	-
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.17	<0.17	<0.2	-	<0.17	-
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.2	-	<0.17	-
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.2	-	<0.17	-
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Phenolics-Halogenated												
							2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL							0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																			320	
VIC EPA IWRG621 Cat C																			10	
VIC EPA IWRG621 Fill Material																			1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		-	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.14	<0.07	<0.07	<0.2	-	<0.04	-
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		-	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.14	<0.07	<0.07	<0.2	-	<0.07	-
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		-	-	<0.07	<0.07	<0.07	<0.07	<0.07	<0.15	<0.07	<0.07	<0.2	-	<0.07	-
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	5.6
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	6
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	11.6
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	3.8
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	1
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	7.7
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-

						Phenolics-Halogenated													
						2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																		320	
VIC EPA IWRG621 Cat C																		10	
VIC EPA IWRG621 Fill Material																		1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.09	<0.04	<0.04	<0.2	-	<0.04	-
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.04	-
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.24	<0.12	<0.12	<0.2	-	<0.12	-
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	<0.11	<0.11	<0.11	<0.11	<0.11	<0.23	<0.11	<0.11	<0.2	-	<0.11	-
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.18	-
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.37	<0.19	<0.19	<0.2	-	<0.19	-
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2

						Phenolics-Halogenated													
						2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																		320	
VIC EPA IWRG621 Cat C																		10	
VIC EPA IWRG621 Fill Material																		1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	10.4
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.07	<0.03	<0.03	<0.2	-	<0.03	-
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04	-
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18	-
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-

						Phenolics-Halogenated													
						2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																		320	
VIC EPA IWRG621 Cat C																		10	
VIC EPA IWRG621 Fill Material																		1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.2	-	<0.17	-
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	-	<1	<1	<0.5	<0.5	-	<0.5	<1	<1	<1	<1	-
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04	-
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Phenolics-Halogenated												
							2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL							0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																			320	
VIC EPA IWRG621 Cat C																			10	
VIC EPA IWRG621 Fill Material																			1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill		-	-	<0.12	<0.12	<0.12	<0.12	<0.12	<0.24	<0.12	<0.12	<0.2	-	<0.07	-
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Phenolics-Halogenated												
							2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL							0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																			320	
VIC EPA IWRG621 Cat C																			10	
VIC EPA IWRG621 Fill Material																			1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18	-
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill		-	-	<1.24	<1.24	<1.24	<1.24	<1.24	<2.48	<1.24	<1.24	<1.2	-	<1.24	-
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Phenolics-Halogenated													
						2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																		320	
VIC EPA IWRG621 Cat C																		10	
VIC EPA IWRG621 Fill Material																		1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.2	-	<0.17	-
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.2	-	<0.18	-
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.2	-	<0.18	-
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.38	<0.19	<0.19	<0.2	-	<0.19	-
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.35	<0.17	<0.17	<0.2	-	<0.17	-
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-

							Phenolics-Halogenated												
							2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL							0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																			320	
VIC EPA IWRG621 Cat C																			10	
VIC EPA IWRG621 Fill Material																			1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	7.8
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	8.3
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	11.2
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	7.8
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	12.5
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	6.8
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	9.9
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	10.9
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	10.9
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	5.4
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	12.2
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	8.8
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	37.7
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	4
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.37	<0.18	<0.18	<0.2	-	<0.18	-
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	9.7
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-

						Phenolics-Halogenated													
						2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																		320	
VIC EPA IWRG621 Cat C																		10	
VIC EPA IWRG621 Fill Material																		1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	5.8
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.07	<0.03	<0.03	<0.2	-	<0.03	-
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Phenolics-Halogenated												
							2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL							0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																			320	
VIC EPA IWRG621 Cat C																			10	
VIC EPA IWRG621 Fill Material																			1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill		-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04	-
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill		-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04	-
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill		-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04	-
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill		-	-	<0.37	<0.37	<0.37	<0.37	<0.37	<0.74	<0.37	<0.37	<0.4	-	<0.37	-

						Phenolics-Halogenated													
						2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																		320	
VIC EPA IWRG621 Cat C																		10	
VIC EPA IWRG621 Fill Material																		1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**														
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	<0.37	<0.37	<0.37	<0.37	<0.37	<0.74	<0.37	<0.37	<0.4	-	<0.37	-
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	<0.35	<0.35	<0.35	<0.35	<0.35	<0.71	<0.35	<0.35	<0.4	-	<0.35	-
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	<0.19	<0.19	<0.19	<0.19	<0.19	<0.37	<0.19	<0.19	<0.2	-	<0.19	-
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.36	<0.18	<0.18	<0.2	-	<0.18	-

							Phenolics-Halogenated												
							2,3,4,5-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Tetrachlorophenols (Sum of total)	Halogenated Phenols (Sum of total)	Organic Matter
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL							0.2	0.2	0.03	0.05	0.05	0.03	0.03	0.05	0.03	0.03	0.2	1	0.03	0.5
VIC EPA IWRG621 Cat B																			320	
VIC EPA IWRG621 Cat C																			10	
VIC EPA IWRG621 Fill Material																			1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**															
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill		-	-	<0.04	<0.05	<0.05	<0.04	<0.04	<0.07	<0.04	<0.04	<0.2	-	<0.04	-
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.07	<0.03	<0.03	<0.2	-	<0.03	-
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill		-	-	<0.18	<0.18	<0.18	<0.18	<0.18	<0.35	<0.18	<0.18	<0.2	-	<0.18	-
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural		-	-	<0.03	<0.05	<0.05	<0.03	<0.03	<0.05	<0.03	<0.03	<0.2	-	<0.03	-
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL		<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	-	<0.2	<0.2	<0.2	-	-	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill		-	-	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.17	<0.2	-	<0.17	-
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural		-	-	<0.06	<0.06	<0.06	<0.06	<0.06	<0.12	<0.06	<0.06	<0.2	-	<0.06	-

								Polychlorinated Biphenyls															
								PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B								0										0								
VIC EPA IWRG621 Cat C								0										0								
VIC EPA IWRG621 Fill Material								2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																					
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.9	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	<0.7	-	-	8	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.8	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	<0.7	-	-	8.6	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	<0.7	-	-	8	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	-	-	-	-	-	-	-	-	<0.7	-	-	8.7	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Polychlorinated Biphenyls																
							PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B							0										0								
VIC EPA IWRG621 Cat C							0										0								
VIC EPA IWRG621 Fill Material							2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.7	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	<0.3	-	-	11.7	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.3	-	-	9.8	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8.7	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8.6	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8.7	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8.6	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8.1	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-

							Polychlorinated Biphenyls																
							PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B							0										0								
VIC EPA IWRG621 Cat C							0										0								
VIC EPA IWRG621 Fill Material							2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill		-	-	-	-	-	-	-	-	-	-	<0.4	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill		-	-	-	-	-	-	-	-	-	-	<1.5	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill		-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	<1.5	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	9.8	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	8.7	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8.6	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8.6	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Polychlorinated Biphenyls																	
							PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B							0										0								
VIC EPA IWRG621 Cat C							0										0								
VIC EPA IWRG621 Fill Material							2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8.2	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	6.7	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	6.9	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	6.9	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	<0.3	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill		-	-	-	-	-	-	-	-	-	-	<1.5	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-

							Polychlorinated Biphenyls																	
							PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B							0										0								
VIC EPA IWRG621 Cat C							0										0								
VIC EPA IWRG621 Fill Material							2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill		-	-	-	-	-	-	-	-	-	-	<1.5	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill		-	-	-	-	-	-	-	-	-	-	<0.2	-	-	8.8	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	6.8	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	6.6	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill		<0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	7.5	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		Polychlorinated Biphenyls																				
		PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B		0										0								
VIC EPA IWRG621 Cat C		0										0								
VIC EPA IWRG621 Fill Material		2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																	
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	7.3	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	6.9	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	5.8	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	7.8	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	7.9	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	9.7	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	<0.2	-	-	12	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	7.8	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-	-

							Polychlorinated Biphenyls																
							PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B							0										0								
VIC EPA IWRG621 Cat C							0										0								
VIC EPA IWRG621 Fill Material							2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	7	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	7.9	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8.6	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill		-	-	-	-	-	-	-	-	-	-	<0.5	-	-	8	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	<0.5	-	-	10.1	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.5	-	-	8.2	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	<1.5	-	-	8	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill		-	-	-	-	-	-	-	-	-	-	<10	-	-	9.3	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	<0.5	-	-	8.8	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.5	-	-	8.3	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	7.5	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Polychlorinated Biphenyls																	
							PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B							0										0								
VIC EPA IWRG621 Cat C							0										0								
VIC EPA IWRG621 Fill Material							2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	10.6	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	8.2	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.6	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	9.2	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill		-	-	-	-	-	-	-	-	-	-	<0.2	-	-	8.5	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8.1	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil		-	-	-	-	-	-	-	-	-	-	<0.8	-	-	7.7	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.2	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	7.5	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill		-	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.1	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.5	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.7	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.2	-	-	-	-	-

							Polychlorinated Biphenyls																		
							PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B							0										0								
VIC EPA IWRG621 Cat C							0										0								
VIC EPA IWRG621 Fill Material							2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.9	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.6	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.7	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	6.4	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.8	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	8.4	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	8	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.9	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.9	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill		-	-	-	-	-	-	-	-	-	-	<0.2	-	-	5.9	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.2	-	-	7.4	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	6.2	-	-	-	-	-

							Polychlorinated Biphenyls																	
							PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B							0										0								
VIC EPA IWRG621 Cat C							0										0								
VIC EPA IWRG621 Fill Material							2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																				
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	5.7	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	4.9	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	5.9	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	5.4	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	6.8	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil		-	-	-	-	-	-	-	-	-	-	<0.2	-	-	5.8	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill		-	-	-	-	-	-	-	-	-	-	<0.2	-	-	7.1	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill		-	-	-	-	-	-	-	-	-	-	<0.2	-	-	7.5	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	5.4	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	<0.1	-	-	6.7	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill		-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.8	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		Polychlorinated Biphenyls																			
		PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B		0										0								
VIC EPA IWRG621 Cat C		0										0								
VIC EPA IWRG621 Fill Material		2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	<10	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	-	-	-	-	-	-	-	-	-	<10	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	<10	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	-	-	-	-	-	-	-	-	-	<10	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	-	-	-	-	-	-	-	-	-	<10	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	<10	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	<10	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	<10	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	7	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	7.4	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	7.5	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	<1.5	-	-	7.8	-	-	-	-	-

								Polychlorinated Biphenyls															
								PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B								0										0								
VIC EPA IWRG621 Cat C								0										0								
VIC EPA IWRG621 Fill Material								2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																					
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	<1.5	-	-	7.3	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	-	-	<0.7	-	-	7.9	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	-	-	-	-	-	-	-	-	<1.4	-	-	5.2	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	<0.7	-	-	6.3	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	<0.7	-	-	6	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	<0.7	-	-	6.2	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	<0.7	-	-	5.6	-	-	-	-	-

						Polychlorinated Biphenyls																		
						PCB (Total - Calculated)	Aroclor 1016	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1268	Aroclor 1221	Aroclor 1262	PCB (Sum of Total-Lab Reported)	Electrical Conductivity @ 25°C	pH (Lab)	PH_CACL2	Sodium	Potassium	Calcium	Magnesium	Chloride
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	uS/cm	pH	pH Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.005	0.005	0.005	0.005	0.005	0.005	0.1	0.005	0.1	0.005	1	0.1	0.1	10	10	10	10	10
VIC EPA IWRG621 Cat B						0										0								
VIC EPA IWRG621 Cat C						0										0								
VIC EPA IWRG621 Fill Material						2										2								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																			
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	5.8	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	<0.3	-	-	6.3	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	-	-	-	-	-	-	-	<1.5	-	-	7.1	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	8	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/0(	2.2-2.3	NATURAL	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	-	-	-	-	-	-	-	<1.5	-	-	8.3	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	8.3	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	7.5	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	7.5	-	-	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	0.66	-	160	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	<0.1	-	360	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	<0.1	-	200	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	<0.1	-	180	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	<0.1	-	370	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	<0.1	-	300	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	<0.1	-	130	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	<0.1	-	130	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	<0.1	-	130	-	-	-	-
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	<0.1	-	199.336	-	-	-	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	0.3	-	262.101	-	-	-	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	0.3	-	204.939	-	-	-	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	<0.1	-	206.047	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	<1	-	160	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	<1	-	180	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	<1	-	140	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	<1	-	210	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	<1	<1	160	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	<1	<1	90	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	<1	<1	110	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	<1	<1	140	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	<1	<1	<40	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	200	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	6100	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	5300	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	4100	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	4600	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	<1	<1	110	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	200	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	5900	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	6700	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	5900	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	21500	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	10400	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	7900	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	6400	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	4200	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	<1	<1	120	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	<1	<1	160	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	<1	<1	160	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	<1	<1	210	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	<1	<1	120	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	<1	<1	140	-	-	33000	-
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	<1	<1	150	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	35000	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	67000	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	22000	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	6000	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	45000	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	<1	-	100	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	<1	-	330	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	<1	-	200	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	<1	-	180	-	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	<1	-	270	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	<1	-	220	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	<1	-	190	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	<1	-	200	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	<1	-	280	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	<1	-	<40	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	1	-	240	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	<1	-	210	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	<1	-	300	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	<1	-	210	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	<1	-	170	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	<1	-	180	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	<1	-	160	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	<1	-	300	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	<1	-	200	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	<1	-	290	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	<1	-	300	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	<1	-	110	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	<1	-	220	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	<1	-	170	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	<1	-	180	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	<1	-	210	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	<1	-	170	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	<1	-	380	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	<1	-	240	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	<1	<1	100	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	<1	<1	120	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	<1	<1	280	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	<1	<1	180	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	<5000	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	<5000	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	36000	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	<1	<1	190	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	60000	-
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	35000	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	<5000	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	<1	<1	220	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	<1	<1	210	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	<1	<1	200	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	2	-	210	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	2	-	430	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	3	-	310	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	<1	-	410	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	1	-	320	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	2	-	420	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	1	-	140	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	<1	-	550	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	<1	-	80	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	<1	-	420	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	<1	-	430	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	<1	-	370	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	1	-	230	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	<1	-	530	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	<1	-	300	-	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	1	-	230	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	<1	<1	410	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	<1	<1	390	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	<100	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	<1	<1	250	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	<100	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	<100	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	-	<5	-	340	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	<5	-	160	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	<5	-	580	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	<5	-	480	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	<5	-	800	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	<5	-	230	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	<5	-	190	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	<5	-	710	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	<5	-	<100	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	<5	-	560	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	<5	-	830	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	<5	-	770	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	<5	-	810	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	<5	-	630	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	<5	-	720	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	<5	-	740	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	<5	-	710	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	<5	-	540	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	<5	-	740	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	<1	<1	<40	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	<1	<1	140	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	200	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	<1	<1	440	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	200	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	<1	<1	100	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	<1	<1	100	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	<1	<1	160	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	<1	<1	80	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	5400	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	8600	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	5000	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	9000	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	<1	<1	120	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	<1	<1	510	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	500	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	<100	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	4000	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	4000	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	1600	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	<1	<1	320	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	200	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	<100	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	<100	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	<100	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	3400	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	6200	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	1600	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	300	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	<1	-	240	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	<1	<1	170	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	5600	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	-	<1	-	200	-	-	-	-
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	1	-	160	-	-	-	-
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	<1	-	180	-	-	-	-
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	-	<1	-	40	-	-	-	-
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	-	<1	-	140	-	-	-	-
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	1	-	330	-	-	-	-
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	1	-	200	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	<1	<1	230	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	200	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	200	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	<100	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	3200	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	6100	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	-	<1	<1	360	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	-	<1	<1	130	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	-	<1	<1	120	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	500	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	200	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	200	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	200	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	7500	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	<1	<1	260	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	<1	<1	310	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	<1	<1	460	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	<1	<1	190	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	<1	<1	160	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	<1	<1	280	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	200	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	200	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	<1	-	360	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	<1	-	260	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	2	-	340	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	<1	-	<40	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	<1	<1	60	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	<1	<1	130	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	<1	<1	130	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	<1	<1	220	-	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	45000	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	48000	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	65000	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	45000	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	73000	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	<1	<1	60	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	<1	<1	70	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	<1	<1	200	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	40000	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	58000	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	63000	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	63000	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	<1	<1	110	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	32000	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	<1	<1	120	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	71000	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	51000	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	219000	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	23000	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	<1	<1	120	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	<1	<1	160	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	<1	<1	170	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	<1	<1	150	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	56000	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	2	1	230	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	<1	<1	180	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	<1	<1	480	-	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	22000	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	<1	<1	130	-	-	34000	-
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	<1	<1	70	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	<5000	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	10000	-
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	<5000	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	<1	<1	150	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	<1	<1	150	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	<1	<1	260	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	200	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	500	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	<1	<1	130	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	<1	<1	180	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	<1	<1	160	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	<100	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	200	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	200	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	<100	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	200	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	<1	<1	250	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	<1	<1	160	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	<1	<1	180	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	200	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	200	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	<100	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	200	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	<100	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	<0.1	-	141.108	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	<0.1	-	172.976	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	0.2	-	151.092	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	<0.1	-	124.188	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	<0.1	-	56.935	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	<0.1	-	78.687	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	0.1	-	114.14	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	0.2	-	193.621	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	0.1	-	192.838	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	<0.1	-	136.557	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	<0.1	-	170.795	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	0.2	-	158.884	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	<0.1	-	128.065	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	<0.1	-	127.743	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	<0.1	-	224.061	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	<0.1	-	103.932	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	0.2	-	124.503	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	0.1	-	165.708	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	<0.1	-	73.73	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	<0.1	-	368.592	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	<0.1	-	315.267	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	<1	<1	200	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	<1	<1	240	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	<1	<1	220	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	200	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	2300	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	5800	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	61200	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	<1	<1	120	-	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	<1	<1	190	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	<1	<1	110	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	<100	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	<100	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	300	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	2600	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	<1	<1	200	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	<100	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	400	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	<100	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	200	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	<1	<1	100	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	3	<1	130	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	200	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	200	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	3100	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	5500	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	1	<1	170	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	1	<1	190	-	-	-	-

						Polychorinated Biphenyls							
						Sulphate (as SO4)	Cyanide (total)	Cyanide (WAD)	Fluoride	Sulphur (as S)	Sulphur (as S) (%)	Total Organic Carbon	Total Organic Carbon (%)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%
EQL						50	0.1	1	25	100	0.01	5000	0.02
VIC EPA IWRG621 Cat B							10000		40000				
VIC EPA IWRG621 Cat C							2500		10000				
VIC EPA IWRG621 Fill Material							50		450				
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**								
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	200	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	200	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	300	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	1000	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	<1	-	130	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	<1	-	70	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	<1	-	100	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	<1	-	90	-	-	-	-
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	-	<0.1	-	231.845	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	<1	-	120	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	<1	-	100	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	<1	-	60	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	<1	-	120	-	-	-	-

						Solvents							SVOCs			
						Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																
VIC EPA IWRG621 Cat C																
VIC EPA IWRG621 Fill Material																
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<10	<5	<1	<10	<0.1	<0.5	<10	<0.5	<1	<1	-
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-

							Solvents							SVOCs			
							Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL							0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																	
VIC EPA IWRG621 Cat C																	
VIC EPA IWRG621 Fill Material																	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock		-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural		-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural		<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill		-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural		-	-	-	-	-	-	-	-	-	-	-

						Solvents							SVOCs			
						Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																
VIC EPA IWRG621 Cat C																
VIC EPA IWRG621 Fill Material																
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-

						Solvents							SVOCs			
						Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																
VIC EPA IWRG621 Cat C																
VIC EPA IWRG621 Fill Material																
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-

						Solvents							SVOCs			
						Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																
VIC EPA IWRG621 Cat C																
VIC EPA IWRG621 Fill Material																
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-

							Solvents							SVOCs			
							Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL							0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																	
VIC EPA IWRG621 Cat C																	
VIC EPA IWRG621 Fill Material																	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**												
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-

						Solvents							SVOCs			
						Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																
VIC EPA IWRG621 Cat C																
VIC EPA IWRG621 Fill Material																
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-

								Solvents							SVOCs			
								Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL								0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																		
VIC EPA IWRG621 Cat C																		
VIC EPA IWRG621 Fill Material																		
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**													
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-		
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-		
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-		
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	-	-	-	-	-	-	-	-	-		
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-		

						Solvents							SVOCs			
						Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																
VIC EPA IWRG621 Cat C																
VIC EPA IWRG621 Fill Material																
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	<10	<10	<10	-	-	-	<10	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	-	-	-	-	-	-	-	-	-

						Solvents							SVOCs			
						Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																
VIC EPA IWRG621 Cat C																
VIC EPA IWRG621 Fill Material																
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	<5	<5	<5	-	-	-	<5	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-

						Solvents							SVOCs			
						Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																
VIC EPA IWRG621 Cat C																
VIC EPA IWRG621 Fill Material																
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	-	-	-

						Solvents							SVOCs			
						Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																
VIC EPA IWRG621 Cat C																
VIC EPA IWRG621 Fill Material																
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	-	-	-	-	-	-	-	-

						Solvents							SVOCs			
						Methyl Ethyl Ketone	2-Hexanone	Methyl iso-butyl ketone	Acetone	Acrylonitrile	Methyl-t-butyl ether	Vinyl acetate	Acetophenone	Hexachlorocyclopentadiene	Hexachloropropene	p-Terphenyl
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL						0.05	5	0.05	0.05	0.1	0.1	5	0.5	1	1	
VIC EPA IWRG621 Cat B																
VIC EPA IWRG621 Cat C																
VIC EPA IWRG621 Fill Material																
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**											
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	-	-	-	-	-	<0.1	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-

							Total Petroleum Hydrocarbons																				
							TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B															2600				40000	40000								
VIC EPA IWRG621 Cat C															650				10000	10000								
VIC EPA IWRG621 Fill Material															100				1000	1000								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																							
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	50	-	120	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<20	<20	190	63	-	273	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	-	-	-	-	-	-	-	-	<20	<20	170	81	-	271	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	-	-	-	-	-	-	-	-
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	-	-	-	-	-	-	-	-	<20	<20	<50	<50	-	<120	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	-	-	-	-	-	<20	<50	280	170	-	500	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	-	-	-	-	-	<20	<50	850	770	-	1670	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	-	-	-	-	-	-	<10	<50	240	130	370	420	350	<10	<10	<50	-	<50	350	<100
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	220	110	330	380	310	<10	<10	<50	-	<50	310	<100
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	-	-	-	-	-	-	<10	<50	120	<100	120	270	180	<10	<10	<50	-	<50	180	<100
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Total Petroleum Hydrocarbons																			
							TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B															2600				40000	40000								
VIC EPA IWRG621 Cat C															650				10000	10000								
VIC EPA IWRG621 Fill Material															100				1000	1000								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																							
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	170	140	310	360	260	<10	<10	<50	-	<50	260	<100
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	170	190	360	410	410	<10	<10	<50	-	<50	310	100
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	120	<10	<10	<50	-	<50	120	<100
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100

	Total Petroleum Hydrocarbons																							
	TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B									2600				40000	40000								
VIC EPA IWRG621 Cat C									650				10000	10000								
VIC EPA IWRG621 Fill Material									100				1000	1000								

Segment	Location	Field_ID	SampleCode	Depth	Matrix																				
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	-	-	-	-	-	<10	<50	750	520	1270	1320	1420	-	-	<50	-	-	1130	290
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	150	200	350	400	480	-	-	<50	-	-	300	180
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	120	120	270	290	<10	<10	<50	-	<50	140	150
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	260	170	430	480	390	<10	<10	<50	-	<50	390	<100
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100

							Total Petroleum Hydrocarbons																			
							TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B															2600				40000	40000								
VIC EPA IWRG621 Cat C															650				10000	10000								
VIC EPA IWRG621 Fill Material															100				1000	1000								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																							
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	120	-	-	<50	-	-	120	<100
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	140	140	290	180	-	-	<50	-	-	180	<100
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<10	<50	120	140	260	310	330	-	-	<50	-	-	220	110
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100

											Total Petroleum Hydrocarbons															
											TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B															2600				40000	40000								
VIC EPA IWRG621 Cat C															650				10000	10000								
VIC EPA IWRG621 Fill Material															100				1000	1000								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																							
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	-	-	-	-	-	<10	<50	110	140	250	300	330	-	-	<50	-	-	210	120
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<120	-	<20	<20	<50	-	<50	<100	<100
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100

											Total Petroleum Hydrocarbons															
											TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
											mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL											50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B																			2600				40000	40000								
VIC EPA IWRG621 Cat C																			650				10000	10000								
VIC EPA IWRG621 Fill Material																			100				1000	1000								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																											
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	-	-	-	-	-	<10	<50	140	130	270	320	240	<10	<10	<50	-	<50	240	<100
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	240	<10	<10	<50	-	<50	120	120
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	140	<10	<10	<50	-	<50	140	<100
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	110	<10	<10	<50	-	<50	110	<100
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100

											Total Petroleum Hydrocarbons													
											TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
											mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL											50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B																			2600				40000	40000								
VIC EPA IWRG621 Cat C																			650				10000	10000								
VIC EPA IWRG621 Fill Material																			100				1000	1000								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																											
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	120	-	-	<50	-	-	120	<100
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	390	600	990	1040	1290	-	-	<50	-	-	830	460
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	-	-	-	-	-	<10	<50	2950	3620	6570	6620	8140	-	-	<50	-	-	5960	2180
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

											Total Petroleum Hydrocarbons															
											TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
											mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL											50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B																			2600				40000	40000								
VIC EPA IWRG621 Cat C																			650				10000	10000								
VIC EPA IWRG621 Fill Material																			100				1000	1000								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																											
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	130	<10	<10	<50	-	<50	130	<100
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	-	-	-	-	-	-	-	-	<10	<50	190	170	360	410	320	<10	<10	<50	-	<50	320	<100
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	-	-	-	-	-	-	<10	<50	110	<100	110	260	160	<10	<10	<50	-	<50	160	<100
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	-	-	-	-	-	-	<10	<50	190	150	340	390	320	<10	<10	<50	-	<50	320	<100
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	400	230	630	680	600	<10	<10	<50	-	<50	600	<100
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	160	<100	160	310	240	<10	<10	<50	-	<50	240	<100
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100

											Total Petroleum Hydrocarbons															
											TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B															2600				40000	40000									
VIC EPA IWRG621 Cat C															650				10000	10000									
VIC EPA IWRG621 Fill Material															100				1000	1000									
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	-	-	-	-	-	-	11	<50	120	<100	120	270	150	11	11	<50	-	<50	150	<100
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	-	-	-	-	-	-	<10	<50	140	110	250	300	220	<10	<10	<50	-	<50	220	<100
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	180	190	370	420	330	<10	<10	<50	-	<50	330	<100
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	<50	180	310	490	540	540	-	-	<50	-	<50	410	130
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	-	-	-	-	-	-	-	-	<20	-	-	-	-	-	-	<20	<20	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	-	-	-	-	-	-	<10	<50	1400	690	2090	2140	2300	<10	<10	90	-	90	1960	250
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	110	110	260	200	<10	<10	<50	-	<50	200	<100
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	310	180	490	540	460	<10	<10	<50	-	<50	460	<100
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	670	310	980	1030	920	<10	<10	<50	-	<50	920	<100
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100

							Total Petroleum Hydrocarbons																				
							TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B															2600				40000	40000								
VIC EPA IWRG621 Cat C															650				10000	10000								
VIC EPA IWRG621 Fill Material															100				1000	1000								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																							
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	<10	<50	110	120	230	280	200	<10	<10	<50	-	<50	200	<100
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	120	<10	<10	<50	-	<50	120	<100
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	-	-	-	-	-	<10	<50	100	100	200	250	180	<10	<10	<50	-	<50	180	<100
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	170	140	310	360	290	<10	<10	<50	-	<50	290	<100
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Total Petroleum Hydrocarbons																			
							TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B															2600				40000	40000								
VIC EPA IWRG621 Cat C															650				10000	10000								
VIC EPA IWRG621 Fill Material															100				1000	1000								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																							
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<20	<50	200	200	-	450	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	-	-	-	-	-	-	-	<20	<50	2000	1200	-	3250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<20	<50	220	300	-	570	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<20	<50	840	680	-	1570	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<20	<50	1000	820	-	1870	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	<50	-	<100	<100
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	<50	-	<100	<100
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	<50	-	<100	<100
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	<50	-	<100	<100
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	<50	-	<100	<100
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	-	-	-	-	-	<10	<50	1370	850	2220	2270	2630	<10	<10	80	-	80	2000	550

											Total Petroleum Hydrocarbons															
											TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B															2600				40000	40000								
VIC EPA IWRG621 Cat C															650				10000	10000								
VIC EPA IWRG621 Fill Material															100				1000	1000								
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																							
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	320	300	620	670	750	<10	<10	<50	-	<50	540	210
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	250	140	390	440	380	<10	<10	<50	-	<50	380	<100
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	-	-	-	-	-	-	<10	<50	570	650	1220	1270	1480	<10	<10	<50	-	<50	1060	420
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	1460	660	2120	2170	2300	<10	<10	110	-	110	1920	270
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	-	-	-	-	-	-	<10	70	940	820	1830	1830	2090	<10	<10	110	-	110	1560	420
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	-	<50	<100	<100
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	1510	800	2310	2360	2610	<10	<10	100	100	100	2120	390
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	-	-	-	-	-	<10	50	480	390	920	920	1060	<10	<10	80	80	80	780	200

											Total Petroleum Hydrocarbons																			
											TRH C10 - C14 SG Cleanup	TRH C15 - C28 SG Cleanup	TRH C29 - C36 SG Cleanup	TRH C10 - C36 (Sum, Lab Reported) SG Cleanup	TRH >C10 - C16 SG Cleanup F2	TRH >C16 - C34 SG Cleanup F3	TRH >C34 - C40 SG Cleanup F4	TRH C10 - C40 (Sum, Lab Rptd) SG Cleanup	TRH C6 - C9 Fraction	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH C6 - C10 Fraction F1	TRH C6 - C10 Fraction Less BTEX F1	TRH >C10 - C16 Fraction F2	TRH >C10 - C12 Fraction Less Naphthalene F2	TRH >C10 - C16 Fraction Less Naphthalene F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4
											mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL											50	100	100	50	50	100	100	50	3	3	3	5	3		50	3	10	50	50	50	100	100
VIC EPA IWRG621 Cat B																			2600				40000	40000							
VIC EPA IWRG621 Cat C																			650				10000	10000							
VIC EPA IWRG621 Fill Material																			100				1000	1000							
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	<50	<50	<100	<100
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	<10	<10	<50	<50	<50	<100	<100
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	140	<100	140	290	210	-	-	<50	-	-	210	<100
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	110	-	-	<50	-	-	110	<100
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	-	-	-	-	-	-	-	-	<20	<50	<100	<100	-	<250	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	-	-	-	-	-	<10	<50	110	220	330	380	500	-	-	<50	-	-	240	260
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	150	-	-	<50	-	-	150	<100
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	-	-	-	-	-	<10	<50	<100	<100	<50	<250	<50	-	-	<50	-	-	<100	<100

						Volatile Organic Compounds																								
						1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																													
VIC EPA IWRG621 Cat C																													
VIC EPA IWRG621 Fill Material																													
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<0.1	<0.1
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Volatile Organic Compounds																						
							1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural	<0.01	<0.02	<0.01	<0.04	<0.5	<0.5	<0.5	<0.5	<0.02	<0.01	<0.01	<0.02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-

						Volatile Organic Compounds																								
						1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5

						Volatile Organic Compounds																								
						1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-

						Volatile Organic Compounds																								
						1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Volatile Organic Compounds																						
							1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Volatile Organic Compounds																					
							1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Volatile Organic Compounds																								
						1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-

						Volatile Organic Compounds																								
						1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	-	-	<1
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-

						Volatile Organic Compounds																								
						1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.01	<0.02	<0.01	<0.04	<0.5	<0.5	<0.5	<0.5	<0.02	<0.01	<0.01	<0.02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Volatile Organic Compounds																								
						1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-

						Volatile Organic Compounds																								
						1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-

							Volatile Organic Compounds																					
							1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,2,3-Trichloropropane	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-dichloropropene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	Allyl chloride	Bromochloromethane	Bromodichloromethane
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.01	0.02	0.01	0.04	0.05	0.1	0.05	0.05	0.02	0.01	0.01	0.02	0.05	0.05	0.1	0.1	0.05	0.05	10	0.5	0.5	0.05	0.05	0.05
VIC EPA IWRG621 Cat B																														
VIC EPA IWRG621 Cat C																														
VIC EPA IWRG621 Fill Material																														
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	<0.01	<0.02	<0.01	<0.04	-	-	-	-	<0.02	<0.01	<0.01	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-

						Volatile Organic Compounds																							
						Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																		11			50					4.8		50
VIC EPA IWRG621 Cat C																		2.8			10					1.2		10
VIC EPA IWRG621 Fill Material										1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 01	GA11-BHE001	BHE1/2001	SE90085-1	0.45-0.5	Fill	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	GA11-BHE001	BHE1/2002	SE90085-2	1.35-1.4	Fill	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	GA11-BHE001	BHE1/2003	SE90085-3	1.5-1.6	Fill	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	GA11-BHE001	BHE1/2004	SE90085-4	2.3-2.4	Fill	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	GA11-BHE002	BHE2/2001	SE90085-5	0.9-1	Fill	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	GA11-BHE002	BHE2/2002	SE90085-6	1.9-2	Fill	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	GA11-BHE002	BHE2/2003	SE90085-7	2.2-2.3	Natural	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	GA11-BHE002	BHE2/2004	SE90085-8	3.9-4	Natural	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 01	GA11-BHE002	BHE2/2005	SE90085-9	3.9-4	Natural	<0.1	<1	<0.5	<0.1	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.1	<0.5	<5	-	<0.5	<0.1	<0.1	<1	<0.1	<2.3	<2.1
Segment 02	GA11-BHE003	BHE003/001	ME200532-1_BHE003/001	0.2-0.3	Fill	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 02	GA11-BHE003	BHE003/002	ME200532-1_BHE003/002	0.6-0.7	Fill	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 02	GA11-BHE003	BHE003/003	ME200532-1_BHE003/003	1-1.1	Fill	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 02	GA11-BHE003	BHE033/008	ME200532-1_BHE033/008	4.5-4.6	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 03	GA11-BH005	GA11-BH005/2001	EM1200031001	0.5	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 03	GA11-BH005	GA11-BH005/2002	EM1200031002	2.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 03	GA11-BH005	GA11-BH005/2003	EM1200031003	2.7	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 03	GA11-BH005	GA11-BH005/2004	EM1200031004	3.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	GA15-BH001	GA15-BH001/2001	EM1510305001	0.2-0.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	GA15-BH001	GA15-BH001/2002	EM1510305002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	GA15-BH001	GA15-BH001/2004	EM1510305004	1.9-2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	GA15-BH001	GA15-BH001/2003	EM1510305003	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	GA15-BH001	GA15-BH001/2005	EM1510305005	2.4-2.5	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	GA15-BH001	GA15-BH001/2006	EM1510305006	2.6-2.7	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2013	EM1512063001	26.9-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2009	EM1512063002	27.9-28	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2010	EM1512063003	29.86-30	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH001	GA15-BH001/2011	EM1512063004	32-32.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Volatile Organic Compounds																				
							Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																			11			50					4.8		50
VIC EPA IWRG621 Cat C																			2.8			10					1.2		10
VIC EPA IWRG621 Fill Material											1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 05	GA15-BH001	GA15-BH001/2012	EM1512063006	33.94-34	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2001	EM1510575003	0.2-0.3	Fill		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 05	GA15-BH002	GA15-BH002/2002	EM1510575005	0.6-0.7	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2003	EM1510575006	1-1.1	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2008	EM1512067001	24.93-25	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2009	EM1512067002	26.11-26.28	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2010	EM1512067004	27.94-28	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH002	GA15-BH002/2011	EM1512067005	30-30.12	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2001	EM1510906001	0.4-0.5	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2002	EM1510906002	0.8-0.9	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2005	EM1510906005	2.1-2.2	Natural		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2020	EM1514184001	26-26.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2022	EM1514184003	28-28.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2024	EM1514184005	30-30.06	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2025	EM1514184006	31-31.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 05	GA15-BH003	GA15-BH003/2026	EM1514184007	33-33.05	Rock		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 06	GA15-BH004	GA15-BH004/2001	EM1511495001	0.2-0.3	Fill		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	GA15-BH004	GA15-BH004/2002	EM1511495002	0.5-0.6	Fill		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	GA15-BH004	GA15-BH004/2003	EM1511495003	1.4-1.6	Fill		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	GA15-BH004	GA15-BH004/2005	EM1511495006	2.6-2.8	Natural		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	GA15-BH004	GA15-BH004/2004	EM1511495005	2-2.1	Fill		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	GA15-BH004	GA15-BH004/2006	EM1511495007	3.4-3.8	Natural		<0.5	<5	<0.5	<0.01	<0.01	<0.5	<5	<0.02	<5	<0.5	<5	<0.4	<0.02	-	<0.5	<0.01	<0.5	<0.02	<0.02	<5	<0.02	<0.72	<0.68
Segment 06	GA15-BH004	GA15-BH004/2007	EM1511495008	4-4.2	Natural		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 06	GA15-BH004	GA15-BH004/2009	EM1511495010	5.3-5.7	Natural		<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 06	GA15-BH004	GA15-BH004/2011	EM1511495012	7.1-7.5	Natural		<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 06	GA15-BH004	GA15-BH004/2012	EM1511495013	7.9-8.1	Natural		<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 06	GA15-BH004	GA15-BH004/2013	EM1511495014	8.1-8.5	Natural		<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 06	GA15-BH004	GA15-BH004/2014	EM1511495015	9.1-9.5	Natural		<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA11-BHE005	GA11-BHE005/2001	EM1201386030	0.3-0.4	Fill		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE005	GA11-BHE005/2003	EM1201386032	0.75-1	Fill		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE005	GA11-BHE005/2005	EM1201386034	2.3-2.5	Fill		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE005	GA11-BHE005/2006	EM1201386035	2.8-3	Natural		-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

						Volatile Organic Compounds																								
						Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																		11			50					4.8		50
VIC EPA IWRG621 Cat C																		2.8			10					1.2		10
VIC EPA IWRG621 Fill Material										1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 07	GA11-BHE006	GA11-BHE006/2002	EM1201386090	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE006	GA11-BHE006/2004	EM1201386093	1.9-2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE006	GA11-BHE006/2003	EM1201386092	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE006	GA11-BHE006/2005	EM1201386094	2.7-2.8	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE006	GA11-BHE006/2006	EM1201386095	4.4-4.5	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE007	GA11-BHE007/2001	EM1201386102	0.25-0.35	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE007	GA11-BHE007/2003	EM1201386105	1.2-1.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE007	GA11-BHE007/2004	EM1201386106	1.8-2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE007	GA11-BHE007/2006	EM1201386108	4.9-5	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE008	GA11-BHE008/2001	EM1201386053	0.3-0.4	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE008	GA11-BHE008/2002	EM1201386054	0.6-0.9	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE008	GA11-BHE008/2003	EM1201386055	1.4-1.5	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE008	GA11-BHE008/2005	EM1201386057	2.4-2.5	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE009	GA11-BHE009/2001	EM1201386096	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE009	GA11-BHE009/2003	EM1201386098	1.6-1.7	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE009	GA11-BHE009/2004	EM1201386099	2-2.1	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE009	GA11-BHE009/2006	EM1201386101	4.9-5	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE010	GA11-BHE010/2001	EM1201386001	0.2-0.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE010	GA11-BHE010/2002	EM1201386002	0.7-0.8	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE010	GA11-BHE010/2004	EM1201386004	1.9-2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE010	GA11-BHE010/2006	EM1201386006	3.7-3.8	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE011	GA11-BHE011/2001	EM1201386025	0.1-0.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE011	GA11-BHE011/2003	EM1201386027	1.1-1.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE011	GA11-BHE011/2004	EM1201386072	1.7-1.8	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA11-BHE011	GA11-BHE011/2006	EM1201386074	4.9-5	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA15-BH005	GA15-BH005/2001	EM1511430001	0.15-0.25	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA15-BH005	GA15-BH005/2002	EM1511430002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA15-BH005	GA15-BH005/2004	EM1511430004	1.5-1.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA15-BH005	GA15-BH005/2003	EM1511430003	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA15-BH005	GA15-BH005/2018	EM1511430018	13.3-13.7	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA15-BH005	GA15-BH005/2019	EM1511430019	14-14.3	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA15-BH005	GA15-BH005/2006	EM1511430006	2.6-2.8	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8

						Volatile Organic Compounds																						
						Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																		11			50					4.8		50
VIC EPA IWRG621 Cat C																		2.8			10					1.2		10
VIC EPA IWRG621 Fill Material										1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																							
Segment 07	GA15-BH005	GA15-BH005/2005	EM1511430005	2-2.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA15-BH005	GA15-BH005/2007	EM1511430007	3-3.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2009	EM1511430009	4.4-4.9	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA15-BH005	GA15-BH005/2008	EM1511430008	4-4.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH005	GA15-BH005/2011	EM1511430011	6.1-6.5	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA15-BH005	GA15-BH005/2014	EM1511430014	9-9.4	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA15-BH006	GA15-BH006/2001	EM1511431001	0.3-0.4	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA15-BH006	GA15-BH006/2002	EM1511431002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA15-BH006	GA15-BH006/2003	EM1511431003	1.4-1.5	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 07	GA15-BH006	GA15-BH006/2004	EM1511431005	2.1-2.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2005	EM1511431006	2.5-2.7	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA15-BH006	GA15-BH006/2007	EM1511431008	3.5-3.6	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA15-BH006	GA15-BH006/2006	EM1511431007	3-3.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 07	GA15-BH006	GA15-BH006/2008	EM1511431009	4-4.4	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA15-BH006	GA15-BH006/2009	EM1511431010	5.1-5.5	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA15-BH006	GA15-BH006/2010	EM1511431011	5.8-6.2	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 07	GA15-BH006	GA15-BH006/2011	EM1511431012	7-7.4	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 09	GA11-BHE012	BHE012/2001	EM1114410001	0.1-0.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	GA11-BHE012	BHE012/2002	EM1114410002	0.4-0.5	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	GA11-BHE012	BHE012/2004	EM1114410004	0.9-1	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	GA11-BHE012	BHE012/2006	EM1114410006	2-2.1	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	GA11-BHE013	BHE013/2001	EM1114410007	0.1-0.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	GA11-BHE013	BHE013/2003	EM1114410010	0.3-0.4	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	GA11-BHE013	BHE013/2004	EM1114410011	0.6-0.7	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 09	GA11-BHE013	BHE013/2006	EM1114410013	1.3-1.4	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	GA11-BHE014	BHE014/2001	EM1114411001	0.1-0.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	GA11-BHE014	BHE014/2003	EM1114411003	0.6-0.7	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	GA11-BHE014	BHE014/2006	EM1114411006	1.95-2	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	GA11-BHE014	BHE014/2005	EM1114411005	1-1.1	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	GA11-BHE015	BHE015/2002	EM1114410015	0.15-0.25	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	GA11-BHE015	BHE015/2004	EM1114410017	0.8-0.9	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 10	GA11-BHE015	BHE015/2006	EM1114410019	1.9-2	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

						Volatile Organic Compounds																							
						Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																		11			50					4.8		50
VIC EPA IWRG621 Cat C																		2.8			10					1.2		10
VIC EPA IWRG621 Fill Material										1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 10	GA11-BHE015	BHE015/2001	EM1114410014	2-2.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 11	GA15-BH007	GA15-BH007/2001	EM1510574001	0.25-0.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 11	GA15-BH007	GA15-BH007/2002	EM1510574002	0.5-0.55	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 11	GA15-BH007	GA15-BH007/2004	EM1510574004	1.5-1.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2007	EM1512418001	10-10.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2003	EM1510574003	1-1.05	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 11	GA15-BH007	GA15-BH007/2008	EM1512418002	15.16-15.27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2006	EM1510574006	2.5-2.55	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2009	EM1512418003	20-20.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 11	GA15-BH007	GA15-BH007/2005	EM1510574005	2-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA11-BHE016	BHE16/1001	M13-Fe06666	0.3-0.5	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE016	BHE16/1002	M13-Fe06667	0.8-1	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE016	BHE16/1003	M13-Fe06668	1.2-1.35	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE016	BHE16/1004	M13-Fe06669	1.35-1.55	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE016	BHE16/1005	M13-Fe06670	1.7-1.9	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE017	BHE17/1001	M13-Fe06671	0.2-0.4	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE017	BHE17/1002	M13-Fe06672	0.7-0.9	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE017	BHE17/1003	M13-Fe06673	1.1-1.3	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE017	BHE17/1004	M13-Fe06674	1.7-1.9	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE017	BHE17/1005	M13-Fe06675	2.9-3.1	Natural	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE018	BHE18/1001	M13-Fe06677	0.3-0.4	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE018	BHE18/1002	M13-Fe06678	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE018	BHE18/1004	M13-Fe06680	1.3-1.4	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE018	BHE18/1003	M13-Fe06679	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE019	BHE19/1001	M13-Fe06681	0.3-0.4	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE019	BHE19/1002	M13-Fe06682	0.5-0.6	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE019	BHE19/1004	M13-Fe06684	1.5-1.6	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE019	BHE19/1005	M13-Fe06685	1.7-1.8	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA11-BHE019	BHE19/1003	M13-Fe06683	1-1.1	Fill	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<1.25	<1
Segment 12	GA15-BH008	GA15-BH008/2001	EM1513022001	0.25-0.35	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	GA15-BH008	GA15-BH008/2002	EM1513022003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2004	EM1513022005	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Volatile Organic Compounds																						
							Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																			11			50					4.8		50
VIC EPA IWRG621 Cat C																			2.8			10					1.2		10
VIC EPA IWRG621 Fill Material											1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 12	GA15-BH008	GA15-BH008/2006	EM1514042002	10.37-10.46	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2007	EM1514042003	15.4-15.49	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2008	EM1514042004	25.25-25.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH008	GA15-BH008/2005	EM1514042001	5-5.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2001	EM1511453001	0.4-0.5	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	GA15-BH009	GA15-BH009/2003	EM1511453003	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2006	EM1512890002	10.03-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2002	EM1511453002	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	GA15-BH009	GA15-BH009/2007	EM1512890003	15-15.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2008	EM1512890004	20-20.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009	GA15-BH009/2005	EM1512890001	5.66-5.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2001	EM1510576001	0.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	GA15-BH009A	GA15-BH009A/2002	EM1510576002	1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	GA15-BH009A	GA15-BH009A/2003	EM1510576003	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH009A	GA15-BH009A/2004	EM1510576004	2.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2001	EM1511115001	0.1-0.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	GA15-BH010	GA15-BH010/2002	EM1511115002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	GA15-BH010	GA15-BH010/2003	EM1511115004	0.7-0.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2005	EM1512892001	10.31-10.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2006	EM1512892002	15.42-15.52	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2007	EM1512892003	20.09-20.21	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2008	EM1512892004	25.4-25.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2009	EM1512892005	30.36-30.43	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2010	EM1512892006	35.08-35.15	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH010	GA15-BH010/2011	EM1512892007	40.13-40.2	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2001	EM1514276001	0.4-0.5	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	GA15-BH011	GA15-BH011/2003	EM1514276003	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2005	EM1515433001	10-10.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2002	EM1514276002	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 12	GA15-BH011	GA15-BH011/2006	EM1515433002	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2007	EM1515433003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2004	EM1514276004	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Volatile Organic Compounds																							
						Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																		11			50					4.8		50
VIC EPA IWRG621 Cat C																		2.8			10					1.2		10
VIC EPA IWRG621 Fill Material										1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 12	GA15-BH011	GA15-BH011/2008	EM1515433004	32-32.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2009	EM1515433005	46.52-46.59	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 12	GA15-BH011	GA15-BH011/2010	EM1515433006	51.27-51.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2001	EM1511433001	0.2-0.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 13	GA15-BH012	GA15-BH012/2002	EM1511433003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2003	EM1512891001	10-10.12	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2004	EM1512891002	15-15.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2005	EM1512891003	20.55-20.63	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2006	EM1512891004	25-25.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2007	EM1512891005	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2008	EM1512891006	35.3-35.34	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH012	GA15-BH012/2009	EM1512891007	40.13-40.18	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2004	EM1513346001	10	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2001	EM1511540001	0.2-0.3	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 13	GA15-BH013	GA15-BH013/2002	EM1511540002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH013	GA15-BH013/2003	EM1511540003	0.95-1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2001	EM1512450001	0.17-0.25	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 13	GA15-BH017	GA15-BH017/2002	EM1512450003	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 13	GA15-BH017	GA15-BH017/2003	EM1514127001	10-10.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA11-BHE020	SST3-1001	EM1205263006	0.8-0.9	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA11-BHE021	SST2-1001	EM1205263004	0.3-0.4	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA11-BHE021	SST2-1002	EM1205263005	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA11-BHE022	SST4-1001	EM1205263007	0.3-0.4	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.04	-	<0.02	<0.74	<0.7
Segment 14	GA11-BHE022	SST4-1002	EM1205263008	0.8-0.9	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA11-BHE023	SST1-1001	EM1205263001	0.2-0.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA11-BHE023	SST1-1002	EM1205263003	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH018	GA15-BH018/2001	EM1511589001	0.18-0.23	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH018	GA15-BH018/2002	EM1511589002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2003	EM1513345001	17-17.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2005	EM1513345003	20-20.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2007	EM1513345005	22.4-22.48	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH018	GA15-BH018/2008	EM1513345006	25.28-25.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							Volatile Organic Compounds																						
							Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																			11			50					4.8		50
VIC EPA IWRG621 Cat C																			2.8			10					1.2		10
VIC EPA IWRG621 Fill Material											1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 14	GA15-BH018	GA15-BH018/2009	EM1513345007	27.62-27.69	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2001	EM1510905001	0.3-0.4	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH019	GA15-BH019/2002	EM1510905002	0.5-0.6	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH019	GA15-BH019/2004	EM1510905004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2005	EM1510905005	1.8-1.9	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2003	EM1510905003	1-1.1	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH019	GA15-BH019/2006	EM1513485001	17.24-17.29	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2008	EM1513485003	20-20.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2010	EM1513485005	22.09-22	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2011	EM1513485006	25-25.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH019	GA15-BH019/2012	EM1513485007	27.5-27.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2001	EM1511781001	0.33-0.43	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2002	EM1511781002	0.5-0.6	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021	GA15-BH021/2003	EM1511781003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH021A	GA15-BH021A/2001	EM1511780001	0.23-0.4	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH021A	GA15-BH021A/2002	EM1511780002	0.5-0.7	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH021A	GA15-BH021A/2003	EM1511780003	1.6-1.7	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH112	GA15-BH112/2001	EM1512419001	0.1	Topsoil	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH112	GA15-BH112/2002	EM1512419002	0.5	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH112	GA15-BH112/2003	EM1512419003	1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 14	GA15-BH112	GA15-BH112/2004	EM1512419004	1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2005	EM1512419005	4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2006	EM1514043001	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 14	GA15-BH112	GA15-BH112/2007	EM1514043002	26.88-27	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA11-BHE028	BHE028/2001	EM1200228001	0.45-0.55	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA11-BHE028	BHE028/2003	EM1200228003	1.15-1.35	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA11-BHE028	BHE028/2005	EM1200228005	2-2.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA11-BHE028	BHE028/2006	EM1200228006	3-3.4	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH024	GA15-BH024/2001	EM1511113001	0.1-0.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH024	GA15-BH024/2002	EM1511113002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH024	GA15-BH024/2004	EM1511113005	1.5-1.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH024	GA15-BH024/2003	EM1511113003	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

						Volatile Organic Compounds																								
						Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																		11			50					4.8		50
VIC EPA IWRG621 Cat C																		2.8			10					1.2		10
VIC EPA IWRG621 Fill Material										1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 16	GA15-BH024	GA15-BH024/2016	EM1511113017	12-12.2	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH024	GA15-BH024/2017	EM1511113018	13.3-13.5	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH024	GA15-BH024/2020	EM1511113021	16.1-16.3	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH024	GA15-BH024/2021	EM1511113022	17.4-17.6	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH024	GA15-BH024/2023	EM1511113024	19.4-19.6	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH024	GA15-BH024/2006	EM1511113007	2.5-2.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH024	GA15-BH024/2005	EM1511113006	2-2.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH024	GA15-BH024/2007	EM1511113008	3.9-4.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH024	GA15-BH024/2008	EM1511113009	4.3-4.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2010	EM1511113011	5-5.2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH024	GA15-BH024/2011	EM1511113012	6-6.2	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH024	GA15-BH024/2012	EM1511113013	7.5-7.7	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH024	GA15-BH024/2013	EM1511113014	8.5-8.7	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH024	GA15-BH024/2014	EM1511113015	9.7-9.9	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH025	GA15-BH025/2001	EM1511114001	0.1-0.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH025	GA15-BH025/2015	EM1511114016	10.4-10.6	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH025	GA15-BH025/2003	EM1511114003	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH025	GA15-BH025/2017	EM1511114018	12.4-12.6	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH025	GA15-BH025/2019	EM1511114020	14.5-14.7	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114023	17.3-17.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2022	EM1511114026	17.3-17.5	Natural	<1	<10	<1	<1	-	<1	<10	<1	<10	<1	<10	-	<1	-	<1	-	<1	<1	<1	<10	<10	<27	<16
Segment 16	GA15-BH025	GA15-BH025/2023	EM1511114024	18.2-18.4	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 16	GA15-BH025	GA15-BH025/2007	EM1511114008	2.7-3.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH025	GA15-BH025/2005	EM1511114006	2-2.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH025	GA15-BH025/2008	EM1511114009	3.9-4.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH025	GA15-BH025/2010	EM1511114011	6.3-6.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 16	GA15-BH025	GA15-BH025/2011	EM1511114012	6.6-6.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2012	EM1511114013	7.2-7.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 16	GA15-BH025	GA15-BH025/2013	EM1511114014	8-8.2	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 17	GA15-BH026	GA15-BH026/2001	EM1511139001	0.1-0.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	GA15-BH026	GA15-BH026/2003	EM1511139003	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	GA15-BH026	GA15-BH026/2005	EM1511139006	2.3-2.7	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

						Volatile Organic Compounds																								
						Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																		11			50					4.8		50
VIC EPA IWRG621 Cat C																		2.8			10					1.2		10
VIC EPA IWRG621 Fill Material										1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																									
Segment 17	GA15-BH026	GA15-BH026/2006	EM1511139007	2.9-3.3	Fill	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 17	GA15-BH026	GA15-BH026/2007	EM1511139008	3.6-3.8	Fill	<0.5	<5	<0.5	<0.01	<0.01	<0.5	<5	<0.02	<5	<0.5	<5	<0.4	<0.02	-	<0.5	<0.01	<0.5	<0.02	<0.02	<5	<0.02	<0.72	<0.68
Segment 17	GA15-BH026	GA15-BH026/2009	EM1511139010	4.65-4.8	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	GA15-BH026	GA15-BH026/2008	EM1511139009	4-4.4	Fill	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 17	GA15-BH026	GA15-BH026/2011	EM1511139012	5.4-5.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH026	GA15-BH026/2012	EM1511139013	6-6.3	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 17	GA15-BH026	GA15-BH026/2013	EM1511139014	7.1-7.3	Natural	<0.5	<5	<0.5	<0.5	-	<0.5	<5	<0.5	<5	<0.5	<5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<5	<5	<13.5	<8
Segment 17	GA15-BH121	GA15-BH121/2001	EM1511454001	0.1-0.2	Topsoil	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	GA15-BH121	GA15-BH121/2002	EM1511454002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	GA15-BH121	GA15-BH121/2004	EM1511454004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2003	EM1511454003	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 17	GA15-BH121	GA15-BH121/2008	EM1513870004	12-12.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 17	GA15-BH121	GA15-BH121/2009	EM1513870005	16-16.07	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2001	EM1511679001	0.1-0.2	Topsoil	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	GA15-BH027	GA15-BH027/2002	EM1511679002	0.4-0.5	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	GA15-BH027	GA15-BH027/2003	EM1511679003	0.9-1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	GA15-BH027	GA15-BH027/2004	EM1511679004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2005	EM1511679005	1.9-2	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2012	EM1513869001	12-12.4	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2015	EM1513869004	15.27-15.38	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2018	EM1513869006	20.2-20.26	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2019	EM1513869007	25.87-25.96	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH027	GA15-BH027/2020	EM1513869008	30-30.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2001	EM1512212001	0.1-0.2	Topsoil	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	GA15-BH028	GA15-BH028/2002	EM1512212002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	GA15-BH028	GA15-BH028/2004	EM1512212004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2003	EM1512212003	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 18	GA15-BH028	GA15-BH028/2008	EM1514047001	12.49-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2009	EM1514047002	15-15.04	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2010	EM1514047003	20-20.05	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2005	EM1512212005	2-2.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 18	GA15-BH028	GA15-BH028/2011	EM1514047004	25-25.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Volatile Organic Compounds																							
						Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																		11			50					4.8		50
VIC EPA IWRG621 Cat C																		2.8			10					1.2		10
VIC EPA IWRG621 Fill Material										1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 18	GA15-BH028	GA15-BH028/2012	EM1514047005	30-30.06	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA11-BHE029	BHE029/2001	ME200525-1_BHE029/20	0.2-0.3	Fill	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE029	BHE029/2002	ME200525-1_BHE029/20	0.35-0.45	Fill	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE029	BHE029/2003	ME200525-1_BHE029/20	0.45-0.5	Fill	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE029	BHE029/2004	ME200525-1_BHE029/20	1.45-1.55	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE029	BHE029/2005	ME200525-1_BHE029/20	2.9-3	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE029	BHE029/2006	ME200525-1_BHE029/20	3.9-4	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE030	BHE030/2001	ME200525-1_BHE030/20	0.15-0.2	Fill	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE030	BHE030/2002	ME200525-1_BHE030/20	0.45-0.5	Fill	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE030	BHE030/2003	ME200525-1_BHE030/20	1.1-1.2	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE030	BHE030/2004	ME200525-1_BHE030/20	1.9-2	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE030	BHE030/2006	ME200525-1_BHE030/20	3.25-3.3	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE031	BHE031/2001	ME200525-1_BHE031/20	0.15-0.25	Fill	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE031	BHE031/2002	ME200525-1_BHE031/20	0.4-0.5	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE031	BHE031/2003	ME200525-1_BHE031/20	0.9-1	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE031	BHE031/2004	ME200525-1_BHE031/20	1.9-2	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE031	BHE031/2006	ME200525-1_BHE031/20	3.7-3.8	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE032	BHE032/2001	ME200525-1_BHE032/20	0.2-0.3	Fill	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE032	BHE032/2002	ME200525-1_BHE032/20	1.1-1.2	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE032	BHE032/2003	ME200525-1_BHE032/20	1.85-1.95	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE032	BHE032/2004	ME200525-1_BHE032/20	2.9-3	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA11-BHE032	BHE032/2005	ME200525-1_BHE032/20	2.9-4	Natural	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 20	GA15-BH029	GA15-BH029/2001	EM1514584001	0.1-0.2	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	GA15-BH029	GA15-BH029/2002	EM1514584002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	GA15-BH029	GA15-BH029/2004	EM1514584004	1.2-1.3	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2005	EM1514584005	1.75-2.05	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2003	EM1514584003	1-1.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	GA15-BH029	GA15-BH029/2011	EM1515432001	24.76-24.85	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2012	EM1515432002	29.52-29.58	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2013	EM1515432003	35.25-35.33	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029	GA15-BH029/2014	EM1515432004	39-39.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029A/2001	EM1513483001	0.15-0.25	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

						Volatile Organic Compounds																							
						Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																		11			50					4.8		50
VIC EPA IWRG621 Cat C																		2.8			10					1.2		10
VIC EPA IWRG621 Fill Material										1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 20	GA15-BH029A	GA15-BH029A/2002	EM1513483002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	GA15-BH029A	GA15-BH029A/2004	EM1513483004	1.4-1.5	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH029A	GA15-BH029/2003	EM1513483003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2001	EM1514044001	0.25-0.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	GA15-BH030	GA15-BH030/2002	EM1514044002	0.3-0.4	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2003	EM1514044003	0.8-0.9	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2011	EM1514968001	16.15-16.3	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2012	EM1514968002	21-21.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2013	EM1514968003	26-26.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH030	GA15-BH030/2014	EM1514968004	31-31.13	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2001	EM1513484001	0.2-0.3	Topsoil	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	GA15-BH031	GA15-BH031/2002	EM1513484002	0.5-0.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2004	EM1513899001	1.6-1.8	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2003	EM1513484003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2012	EM1515476001	15.63-15.73	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2013	EM1515476002	17.27-17.32	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2005	EM1513899002	2.75-2.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2014	EM1515476003	20-20.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2015	EM1515476004	25.1-25.19	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2006	EM1513899003	4.25-4.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2007	EM1513899004	5.75-5.95	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH031	GA15-BH031/2008	EM1513899005	7.25-7.45	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2002	EM1513691002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	GA15-BH032	GA15-BH032/2001	EM1513691001	0-0.1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	GA15-BH032	GA15-BH032/2004	EM1513691004	1.5-1.6	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2003	EM1513691003	1-1.1	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2010	EM1515382001	15-15.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2011	EM1515382002	20-20.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2012	EM1515382003	25-25.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH032	GA15-BH032/2013	EM1515382004	30-30.08	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2002	EM1513692002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 20	GA15-BH033	GA15-BH033/2001	EM1513692001	0-0.1	Topsoil	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

						Volatile Organic Compounds																							
						Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorinated Hydrocarbons (Lab Reported)	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	Dibromomethane	Dichlorodifluoromethane	Dichloromethane	Hexachlorobutadiene	Hexachloroethane	Iodomethane	Other Chlorinated Hydrocarbons (IWRG Lab Reported)	Pentachloroethane	Trichloroethene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)	Other Chlorinated Hydrocarbons (IWRG Calculated)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.01	0.01	0.05	0.05	0.02	0.05	0.05	0.05	0.05	0.02	0.5	0.05	0.01	0.5	0.02	0.02	0.05	0.02		
VIC EPA IWRG621 Cat B																		11			50					4.8		50
VIC EPA IWRG621 Cat C																		2.8			10					1.2		10
VIC EPA IWRG621 Fill Material										1																	1	
Segment	**Location**	**Field_ID**	**SampleCode**	**Depth**	**Matrix**																								
Segment 20	GA15-BH033	GA15-BH033/2005	EM1513692005	1.6-1.7	Natural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2003	EM1513692003	1-1.1	Fill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2014	EM1514967001	12.5-12.55	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2015	EM1514967002	17-17.09	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2016	EM1514967003	22-22.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 20	GA15-BH033	GA15-BH033/2017	EM1514967004	28-28.1	Rock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Segment 23	GA11-BHE033	BHE033-1001	EM1212639001	0.2-0.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	GA11-BHE033	BHE033-1002	EM1212639002	0.5-0.6	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	GA11-BHE033	BHE033-1003	EM1212639003	0.9-1.0	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	GA11-BHE033	BHE033-1004	EM1212639004	1.9-2.0	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	GA11-BHE033	BHE033/005	ME200532-1_BHE033/00	2.2-2.3	NATURAL	-	-	-	<0.1	-	-	-	<0.1	-	-	-	<0.5	<0.1	-	-	-	-	<0.1	<0.1	-	<0.1	<2.2	<2
Segment 23	GA11-BHE034	BHE034-1001	EM1212838001	0.1-0.3	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	GA11-BHE034	BHE034-1002	EM1212838002	0.7-1	Fill	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	GA11-BHE034	BHE034-1003	EM1212838003	1.2-1.4	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68
Segment 23	GA11-BHE034	BHE034-1004	EM1212838004	2-2.1	Natural	-	-	-	<0.01	<0.01	-	-	<0.02	-	-	-	<0.4	<0.02	-	-	<0.01	-	<0.02	<0.02	-	<0.02	<0.72	<0.68

				Heavy Metals											Herbicides	MAH	
				Arsenic	Cadmium	Chromium (hexavalent)	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Zinc	Dinoseb	Benzene	Total MAHs (Calculated)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.1	0.05	0.01	0.1	0.1	0.0001	0.1	0.1	0.05	0.1	0.1	0.1	0.05	0.001	
VIC EPA IWRG621 Cat B				2.8	0.8	20	800	4	0.4	20	8	4	40		1200		0.4	
VIC EPA IWRG621 Cat C				0.7	0.2	5	200	1	0.1	5	2	1	10		300		0.1	
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**															
BH032/E2	EM1307037009	GA11-BH032	EM1307037	-	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-
BH032/E2	EM1307037023	GA11-BH032	EM1307037	-	-	-	-	-	-	-	-	-	-	-	3.6	-	-	-
BH033/20170613	EM1307443003	GA11-BH033	EM1307443	-	-	-	<0.1	-	<0.001	-	-	-	<0.1	-	-	-	-	-
BH033/20170613	EM1307443004	GA11-BH033	EM1307443	-	-	-	<0.1	-	<0.001	-	-	-	<0.1	-	-	-	-	-
BH033/E3170613	EM1307037008	GA11-BH033	EM1307037	-	-	-	-	-	-	-	-	-	-	-	6.3	-	-	-
BH033/E3170613	EM1307037022	GA11-BH033	EM1307037	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-
BH034/0503613	EM1307443001	GA11-BH034	EM1307443	0.2	<0.05	-	<0.1	0.6	-	-	-	-	-	-	7.5	-	-	-
BH034/0503613	EM1307443002	GA11-BH034	EM1307443	<0.1	<0.05	-	<0.1	0.4	-	-	-	-	-	-	6.3	-	-	-
BH034/E10040613	EM1307037010	GA11-BH034	EM1307037	0.1	-	-	<0.1	-	-	-	-	-	-	-	6.8	-	-	-
BH034/E10040613	EM1307037024	GA11-BH034	EM1307037	<0.1	-	-	<0.1	-	-	-	-	-	-	-	4.9	-	-	-
BH035/05070613	EM1307037006	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-
BH035/05070613	EM1307037020	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	4.1	-	-	-
BH035/10070613	EM1307037007	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-
BH035/10070613	EM1307037021	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	4.7	-	-	-
BH035/20070613	EM1307037004	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-
BH035/20070613	EM1307037018	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	4.2	-	-	-
BH036/05270513	EM1307037012	GA11-BH036	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH036/05270513	EM1307037026	GA11-BH036	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/10 19513	EM1307037002	GA11-BH037	EM1307037	-	-	-	-	-	-	-	-	-	-	-	5.9	-	-	-
BH037/10 19513	EM1307037016	GA11-BH037	EM1307037	-	-	-	-	-	-	-	-	-	-	-	4.9	-	-	-
BH037/50 19513	EM1307037013	GA11-BH037	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/50 19513	EM1307037027	GA11-BH037	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH038/05	EM1307037014	GA11-BH038	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH038/05	EM1307037028	GA11-BH038	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/05160513	EM1307037005	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	5.8	-	-	-
BH039/05160513	EM1307037019	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	4.6	-	-	-
BH039/10140513	EM1307037001	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	0.1	-	-	-
BH039/10140513	EM1307037015	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-
BH039/10160513	EM1307037003	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	5.8	-	-	-
BH039/10160513	EM1307037017	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	5.3	-	-	-
BH039/20150513	EM1307037011	GA11-BH039	EM1307037	<0.1	-	-	-	<0.1	-	-	0.3	-	-	-	-	-	-	-

	Heavy Metals												Herbicides	MAH	
	Arsenic	Cadmium	Chromium (hexavalent)	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Zinc	Dinoseb	Benzene	Total MAHs (Calculated)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	0.1	0.05	0.01	0.1	0.1	0.0001	0.1	0.1	0.05	0.1	0.1	0.1	0.05	0.001	
VIC EPA IWRG621 Cat B	2.8	0.8	20	800	4	0.4	20	8	4	40		1200		0.4	
VIC EPA IWRG621 Cat C	0.7	0.2	5	200	1	0.1	5	2	1	10		300		0.1	

Field_ID	SampleCode	Location_Code	Lab_Report_Number													
BH039/20150513	EM1307037025	GA11-BH039	EM1307037	<0.1	-	-	-	<0.1	-	-	0.3	-	-	-	-	-	-	-
GA15-BH001/2002	EM1512759001	GA15-BH001	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH002/2001	EM1512759002	GA15-BH002	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.2	-	-	-
GA15-BH003/2002	EM1512759003	GA15-BH003	EM1512759	<0.1	<0.05	<0.1	<0.1	0.4	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH004/2005	EM1512759004	GA15-BH004	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH005/2002	EM1512759005	GA15-BH005	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.2	<0.05	<0.001	<0.001
GA15-BH005/2003	EM1512759006	GA15-BH005	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH005/2004	EM1512759007	GA15-BH005	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH005/2005	EM1512759008	GA15-BH005	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.3	-	-	-
GA15-BH005/2007	EM1512759009	GA15-BH005	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.5	-	-	-
GA15-BH005/2009	EM1512759010	GA15-BH005	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.6	-	-	-
GA15-BH006/2001	EM1512759011	GA15-BH006	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH006/2002	EM1512759012	GA15-BH006	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	<0.05	<0.001	<0.001
GA15-BH006/2003	EM1512759013	GA15-BH006	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.6	-	-	-
GA15-BH006/2004	EM1512759014	GA15-BH006	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	1	-	-	-
GA15-BH007/2002	EM1512759015	GA15-BH007	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.1	-	-	-
GA15-BH008/2001	EM1513438015	GA15-BH008	EM1513438	<0.1	<0.05	<0.1	<0.1	0.2	<0.001	<0.1	<0.1	<0.05	<0.1	-	4.2	-	-	-
GA15-BH009/2002	EM1514656004	GA15-BH009	EM1514656	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2001	EM1514656005	GA15-BH010	EM1514656	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
GA15-BH010/2002	EM1514656006	GA15-BH010	EM1514656	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
GA15-BH010/2003	EM1514656007	GA15-BH010	EM1514656	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2002	EM1514656001	GA15-BH011	EM1514656	<0.1	<0.05	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH011/2003	EM1514656002	GA15-BH011	EM1514656	<0.1	<0.05	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH011/2004	EM1514656003	GA15-BH011	EM1514656	<0.1	<0.05	-	<0.1	<0.1	-	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH012/2001	EM1514656008	GA15-BH012	EM1514656	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
GA15-BH013/2001	EM1514656009	GA15-BH013	EM1514656	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
GA15-BH017/2001	EM1513438013	GA15-BH017	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	0.1	<0.05	<0.1	-	0.6	-	-	-
GA15-BH017/2002	EM1513438014	GA15-BH017	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.4	-	-	-
GA15-BH018/2001	EM1514656010	GA15-BH018	EM1514656	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
GA15-BH019/2002	EM1512759016	GA15-BH019	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	1.9	<0.05	<0.001	<0.001
GA15-BH019/2003	EM1512759017	GA15-BH019	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	1.9	-	-	-

	Heavy Metals												Herbicides	MAH	
	Arsenic	Cadmium	Chromium (hexavalent)	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Zinc	Dinoseb	Benzene	Total MAHs (Calculated)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	0.1	0.05	0.01	0.1	0.1	0.0001	0.1	0.1	0.05	0.1	0.1	0.1	0.05	0.001	
VIC EPA IWRG621 Cat B	2.8	0.8	20	800	4	0.4	20	8	4	40		1200		0.4	
VIC EPA IWRG621 Cat C	0.7	0.2	5	200	1	0.1	5	2	1	10		300		0.1	

Field_ID	SampleCode	Location_Code	Lab_Report_Number													
GA15-BH019/2004	EM1512759018	GA15-BH019	EM1512759	<0.1	<0.05	<0.1	<0.1	0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	1.2	-	-	-
GA15-BH021A/2001	EM1513438001	GA15-BH021A	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.7	-	-	-
GA15-BH021A/2002	EM1513438002	GA15-BH021A	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.4	-	-	-
GA15-BH021A/2003	EM1513438003	GA15-BH021A	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.5	-	-	-
GA15-BH024/2004	EM1514295001	GA15-BH024	EM1514295	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-	-	<0.1	<0.1	-	-	-
GA15-BH024/2005	EM1514295002	GA15-BH024	EM1514295	<0.1	-	-	0.2	10.9	-	-	<0.1	-	-	<0.1	3.9	-	-	-
GA15-BH024/2006	EM1514295003	GA15-BH024	EM1514295	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-	-	<0.1	0.2	-	-	-
GA15-BH024/2007	EM1514295004	GA15-BH024	EM1514295	<0.1	-	-	<0.1	0.5	-	-	<0.1	-	-	<0.1	4.6	-	-	-
GA15-BH025/2001	EM1512759019	GA15-BH025	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	7.1	<20.9	<0.001	<0.001
GA15-BH025/2003	EM1512759020	GA15-BH025	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH025/2005	EM1512759021	GA15-BH025	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.1	-	-	-
GA15-BH025/2007	EM1512759022	GA15-BH025	EM1512759	<0.1	<0.05	<0.1	0.3	2.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	2.6	-	-	-
GA15-BH025/2008	EM1512759023	GA15-BH025	EM1512759	<0.1	<0.05	<0.1	1.1	2.3	<0.001	<0.1	0.1	<0.05	<0.1	-	6.5	-	-	-
GA15-BH025/2010	EM1512759024	GA15-BH025	EM1512759	<0.1	<0.05	<0.1	1.3	7.8	<0.001	<0.1	0.2	<0.05	<0.1	-	5.5	-	-	-
GA15-BH026/2001	EM1512759025	GA15-BH026	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	3.9	<0.05	<0.001	<0.001
GA15-BH026/2003	EM1512759026	GA15-BH026	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	1.6	-	-	-
GA15-BH026/2005	EM1512759027	GA15-BH026	EM1512759	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.5	-	-	-
GA15-BH027/2001	EM1513438004	GA15-BH027	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	6.4	-	-	-
GA15-BH027/2002	EM1513438005	GA15-BH027	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.9	-	-	-
GA15-BH028/2001	EM1513438006	GA15-BH028	EM1513438	<0.1	<0.05	<0.1	<0.1	0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	1.4	-	-	-
GA15-BH028/2002	EM1513438007	GA15-BH028	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.9	-	-	-
GA15-BH028/2003	EM1513438008	GA15-BH028	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.5	-	-	-
GA15-BH029/2001	EM1514584001	GA15-BH029	EM1514584	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH029/2003	EM1514584003	GA15-BH029	EM1514584	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH029A/2001	EM1513729001	GA15-BH029A	EM1513729	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	3.4	-	-	-
GA15-BH029A/2002	EM1513729002	GA15-BH029A	EM1513729	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	0.3	-	-	-
GA15-BH029A/2003	EM1513729003	GA15-BH029A	EM1513729	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2004	EM1513729004	GA15-BH029A	EM1513729	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH030/2001	EM1514443001	GA15-BH030	EM1514443	<0.1	<0.05	-	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH030/2002	EM1514443002	GA15-BH030	EM1514443	<0.1	<0.05	-	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-
GA15-BH030/2003	EM1514443003	GA15-BH030	EM1514443	<0.1	<0.05	-	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	<0.1	-	-	-

	Heavy Metals												Herbicides	MAH	
	Arsenic	Cadmium	Chromium (hexavalent)	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Tin	Zinc	Dinoseb	Benzene	Total MAHs (Calculated)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	0.1	0.05	0.01	0.1	0.1	0.0001	0.1	0.1	0.05	0.1	0.1	0.1	0.05	0.001	
VIC EPA IWRG621 Cat B	2.8	0.8	20	800	4	0.4	20	8	4	40		1200		0.4	
VIC EPA IWRG621 Cat C	0.7	0.2	5	200	1	0.1	5	2	1	10		300		0.1	

Field_ID	SampleCode	Location_Code	Lab_Report_Number													
GA15-BH031/2001	EM1513729005	GA15-BH031	EM1513729	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	3.5	-	-	-
GA15-BH031/2002	EM1513729006	GA15-BH031	EM1513729	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH031/2003	EM1513729007	GA15-BH031	EM1513729	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH032/2001	EM1514013003	GA15-BH032	EM1514013	<0.1	<0.05	-	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	3	-	-	-
GA15-BH032/2002	EM1514013004	GA15-BH032	EM1514013	<0.1	<0.05	-	<0.1	0.4	<0.001	<0.1	<0.1	<0.05	<0.1	-	2.8	-	-	-
GA15-BH033/2001	EM1514013001	GA15-BH033	EM1514013	<0.1	<0.05	-	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	2.7	-	-	-
GA15-BH033/2002	EM1514013002	GA15-BH033	EM1514013	<0.1	<0.05	-	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	1.2	-	-	-
GA15-BH112/2001	EM1513438010	GA15-BH112	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	2.6	-	-	-
GA15-BH112/2002	EM1513438011	GA15-BH112	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	1.9	-	-	-
GA15-BH112/2003	EM1513438012	GA15-BH112	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	2.2	-	-	-
GA15-BH121/2001	EM1514656011	GA15-BH121	EM1514656	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH121/2004	EM1514656012	GA15-BH121	EM1514656	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH122/2001	EM1513438009	GA15-BH122	EM1513438	<0.1	<0.05	<0.1	<0.1	<0.1	<0.001	<0.1	<0.1	<0.05	<0.1	-	3.7	-	-	-

					Organochlorine Pesticides										
					a-BHC	Aldrin	Aldrin & Dieldrin (Sum of total) (Lab Reported)	Aldrin & Dieldrin (Sum of total) (Calculated)	Chlordane (Sum of total)	cis-Chlordane	trans-Chlordane	DDD	DDE	DDT	DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Heptachlor	Organochlorine Pesticides (Calculated)	Other Organochlorine Pesticides (IWRG Calculated)
					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l	mg/l
EQL					0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005	0.0005		
VIC EPA IWRG621 Cat B							0.12	0.12	0.4								0.12		
VIC EPA IWRG621 Cat C							0.03	0.03	0.1						2		0.03		
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																
BH032/E2	EM1307037009	GA11-BH032	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH032/E2	EM1307037023	GA11-BH032	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/20170613	EM1307443003	GA11-BH033	EM1307443		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/20170613	EM1307443004	GA11-BH033	EM1307443		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/E3170613	EM1307037008	GA11-BH033	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/E3170613	EM1307037022	GA11-BH033	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH034/0503613	EM1307443001	GA11-BH034	EM1307443		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH034/0503613	EM1307443002	GA11-BH034	EM1307443		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH034/E10040613	EM1307037010	GA11-BH034	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH034/E10040613	EM1307037024	GA11-BH034	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/05070613	EM1307037006	GA11-BH035	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/05070613	EM1307037020	GA11-BH035	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/10070613	EM1307037007	GA11-BH035	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/10070613	EM1307037021	GA11-BH035	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/20070613	EM1307037004	GA11-BH035	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/20070613	EM1307037018	GA11-BH035	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH036/05270513	EM1307037012	GA11-BH036	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH036/05270513	EM1307037026	GA11-BH036	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/10 19513	EM1307037002	GA11-BH037	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/10 19513	EM1307037016	GA11-BH037	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/50 19513	EM1307037013	GA11-BH037	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/50 19513	EM1307037027	GA11-BH037	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH038/05	EM1307037014	GA11-BH038	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH038/05	EM1307037028	GA11-BH038	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/05160513	EM1307037005	GA11-BH039	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/05160513	EM1307037019	GA11-BH039	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10140513	EM1307037001	GA11-BH039	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10140513	EM1307037015	GA11-BH039	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10160513	EM1307037003	GA11-BH039	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10160513	EM1307037017	GA11-BH039	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/20150513	EM1307037011	GA11-BH039	EM1307037		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				Organochlorine Pesticides														
				a-BHC	Aldrin	Aldrin & Dieldrin (Sum of total) (Lab Reported)	Aldrin & Dieldrin (Sum of total) (Calculated)	Chlordane (Sum of total)	cis-Chlordane	trans-Chlordane	DDD	DDE	DDT	DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Heptachlor	Organochlorine Pesticides (Calculated)	Other Organochlorine Pesticides (IWRG Calculated)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l	mg/l
EQL				0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005	0.0005		
VIC EPA IWRG621 Cat B						0.12	0.12	0.4								0.12		
VIC EPA IWRG621 Cat C						0.03	0.03	0.1						2		0.03		
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**															
BH039/20150513	EM1307037025	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH001/2002	EM1512759001	GA15-BH001	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH002/2001	EM1512759002	GA15-BH002	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH003/2002	EM1512759003	GA15-BH003	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH004/2005	EM1512759004	GA15-BH004	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH005/2002	EM1512759005	GA15-BH005	EM1512759	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0015	<0.0005	<0.0005	<0.005	<0.0025
GA15-BH005/2003	EM1512759006	GA15-BH005	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH005/2004	EM1512759007	GA15-BH005	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH005/2005	EM1512759008	GA15-BH005	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH005/2007	EM1512759009	GA15-BH005	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH005/2009	EM1512759010	GA15-BH005	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH006/2001	EM1512759011	GA15-BH006	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH006/2002	EM1512759012	GA15-BH006	EM1512759	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0015	<0.0005	<0.0005	<0.005	<0.0025
GA15-BH006/2003	EM1512759013	GA15-BH006	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH006/2004	EM1512759014	GA15-BH006	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH007/2002	EM1512759015	GA15-BH007	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH008/2001	EM1513438015	GA15-BH008	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH009/2002	EM1514656004	GA15-BH009	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2001	EM1514656005	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2002	EM1514656006	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2003	EM1514656007	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2002	EM1514656001	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2003	EM1514656002	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2004	EM1514656003	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH012/2001	EM1514656008	GA15-BH012	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH013/2001	EM1514656009	GA15-BH013	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH017/2001	EM1513438013	GA15-BH017	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH017/2002	EM1513438014	GA15-BH017	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH018/2001	EM1514656010	GA15-BH018	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH019/2002	EM1512759016	GA15-BH019	EM1512759	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0015	<0.0005	<0.0005	<0.005	<0.0025
GA15-BH019/2003	EM1512759017	GA15-BH019	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				Organochlorine Pesticides													
				a-BHC	Aldrin	Aldrin & Dieldrin (Sum of total) (Lab Reported)	Aldrin & Dieldrin (Sum of total) (Calculated)	Chlordane (Sum of total)	cis-Chlordane	trans-Chlordane	DDD	DDE	DDT	DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Heptachlor	Organochlorine Pesticides (Calculated)	Other Organochlorine Pesticides (IWRG Calculated)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l	mg/l
EQL				0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005	0.0005		
VIC EPA IWRG621 Cat B						0.12	0.12	0.4								0.12		
VIC EPA IWRG621 Cat C						0.03	0.03	0.1						2		0.03		
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**															
GA15-BH019/2004	EM1512759018	GA15-BH019	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH021A/2001	EM1513438001	GA15-BH021A	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH021A/2002	EM1513438002	GA15-BH021A	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH021A/2003	EM1513438003	GA15-BH021A	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2004	EM1514295001	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2005	EM1514295002	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2006	EM1514295003	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2007	EM1514295004	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2001	EM1512759019	GA15-BH025	EM1512759	<0.262	<0.262	<0.262	<0.524	<0.262	<0.262	<0.262	<0.262	<0.262	<0.262	<0.786	<0.262	<0.262	<2.62	<1.31
GA15-BH025/2003	EM1512759020	GA15-BH025	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2005	EM1512759021	GA15-BH025	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2007	EM1512759022	GA15-BH025	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2008	EM1512759023	GA15-BH025	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2010	EM1512759024	GA15-BH025	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH026/2001	EM1512759025	GA15-BH026	EM1512759	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0015	<0.0005	<0.0005	<0.005	<0.0025
GA15-BH026/2003	EM1512759026	GA15-BH026	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH026/2005	EM1512759027	GA15-BH026	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH027/2001	EM1513438004	GA15-BH027	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH027/2002	EM1513438005	GA15-BH027	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH028/2001	EM1513438006	GA15-BH028	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH028/2002	EM1513438007	GA15-BH028	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH028/2003	EM1513438008	GA15-BH028	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029/2001	EM1514584001	GA15-BH029	EM1514584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029/2003	EM1514584003	GA15-BH029	EM1514584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2001	EM1513729001	GA15-BH029A	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2002	EM1513729002	GA15-BH029A	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2003	EM1513729003	GA15-BH029A	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2004	EM1513729004	GA15-BH029A	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH030/2001	EM1514443001	GA15-BH030	EM1514443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH030/2002	EM1514443002	GA15-BH030	EM1514443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH030/2003	EM1514443003	GA15-BH030	EM1514443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				Organochlorine Pesticides												
				a-BHC	Aldrin	Aldrin & Dieldrin (Sum of total) (Lab Reported)	Aldrin & Dieldrin (Sum of total) (Calculated)	Chlordane (Sum of total)	cis-Chlordane	trans-Chlordane	DDD	DDE	DDT	DDT+DDE+DDD (Sum of total) (Calculated)	Dieldrin	Heptachlor	Organochlorine Pesticides (Calculated)	Other Organochlorine Pesticides (IWRG Calculated)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l	mg/l
EQL				0.0005	0.0005	0.0005		0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		0.0005	0.0005		
VIC EPA IWRG621 Cat B						0.12	0.12	0.4								0.12		
VIC EPA IWRG621 Cat C						0.03	0.03	0.1						2		0.03		
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**															
GA15-BH031/2001	EM1513729005	GA15-BH031	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH031/2002	EM1513729006	GA15-BH031	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH031/2003	EM1513729007	GA15-BH031	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH032/2001	EM1514013003	GA15-BH032	EM1514013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH032/2002	EM1514013004	GA15-BH032	EM1514013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH033/2001	EM1514013001	GA15-BH033	EM1514013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH033/2002	EM1514013002	GA15-BH033	EM1514013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH112/2001	EM1513438010	GA15-BH112	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH112/2002	EM1513438011	GA15-BH112	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH112/2003	EM1513438012	GA15-BH112	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH121/2001	EM1514656011	GA15-BH121	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH121/2004	EM1514656012	GA15-BH121	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH122/2001	EM1513438009	GA15-BH122	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				PAH																			
				Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(b)&(j)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.001	0.001	0.001	0.001	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0005	
VIC EPA IWRG621 Cat B								0.004																
VIC EPA IWRG621 Cat C								0.001																
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																					
BH032/E2	EM1307037009	GA11-BH032	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH032/E2	EM1307037023	GA11-BH032	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/20170613	EM1307443003	GA11-BH033	EM1307443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/20170613	EM1307443004	GA11-BH033	EM1307443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/E3170613	EM1307037008	GA11-BH033	EM1307037	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH033/E3170613	EM1307037022	GA11-BH033	EM1307037	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH034/0503613	EM1307443001	GA11-BH034	EM1307443	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH034/0503613	EM1307443002	GA11-BH034	EM1307443	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH034/E10040613	EM1307037010	GA11-BH034	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH034/E10040613	EM1307037024	GA11-BH034	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/05070613	EM1307037006	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/05070613	EM1307037020	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/10070613	EM1307037007	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/10070613	EM1307037021	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/20070613	EM1307037004	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/20070613	EM1307037018	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH036/05270513	EM1307037012	GA11-BH036	EM1307037	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH036/05270513	EM1307037026	GA11-BH036	EM1307037	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH037/10 19513	EM1307037002	GA11-BH037	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/10 19513	EM1307037016	GA11-BH037	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/50 19513	EM1307037013	GA11-BH037	EM1307037	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH037/50 19513	EM1307037027	GA11-BH037	EM1307037	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH038/05	EM1307037014	GA11-BH038	EM1307037	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH038/05	EM1307037028	GA11-BH038	EM1307037	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH039/05160513	EM1307037005	GA11-BH039	EM1307037	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH039/05160513	EM1307037019	GA11-BH039	EM1307037	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0005	-	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0155
BH039/10140513	EM1307037001	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10140513	EM1307037015	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10160513	EM1307037003	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10160513	EM1307037017	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/20150513	EM1307037011	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				PAH																			
				Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(b)&(j)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.001	0.001	0.001	0.001	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0005	
VIC EPA IWRG621 Cat B								0.004																
VIC EPA IWRG621 Cat C								0.001																
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																					
BH039/20150513	EM1307037025	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH001/2002	EM1512759001	GA15-BH001	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH002/2001	EM1512759002	GA15-BH002	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH003/2002	EM1512759003	GA15-BH003	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH004/2005	EM1512759004	GA15-BH004	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH005/2002	EM1512759005	GA15-BH005	EM1512759	-	-	-	-	<0.0005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0005
GA15-BH005/2003	EM1512759006	GA15-BH005	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH005/2004	EM1512759007	GA15-BH005	EM1512759	<0.001	0.0038	0.0067	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	0.0114	0.0055	<0.001	<0.001	0.0489	0.0088	0.0851	0.0936
GA15-BH005/2005	EM1512759008	GA15-BH005	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH005/2007	EM1512759009	GA15-BH005	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH005/2009	EM1512759010	GA15-BH005	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH006/2001	EM1512759011	GA15-BH006	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH006/2002	EM1512759012	GA15-BH006	EM1512759	-	-	-	-	<0.0005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0005
GA15-BH006/2003	EM1512759013	GA15-BH006	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH006/2004	EM1512759014	GA15-BH006	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH007/2002	EM1512759015	GA15-BH007	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH008/2001	EM1513438015	GA15-BH008	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH009/2002	EM1514656004	GA15-BH009	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2001	EM1514656005	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2002	EM1514656006	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2003	EM1514656007	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2002	EM1514656001	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2003	EM1514656002	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2004	EM1514656003	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH012/2001	EM1514656008	GA15-BH012	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH013/2001	EM1514656009	GA15-BH013	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH017/2001	EM1513438013	GA15-BH017	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH017/2002	EM1513438014	GA15-BH017	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH018/2001	EM1514656010	GA15-BH018	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH019/2002	EM1512759016	GA15-BH019	EM1512759	-	-	-	-	<0.0005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0005
GA15-BH019/2003	EM1512759017	GA15-BH019	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145

				PAH																		
				Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(b)&(j)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.001	0.001	0.001	0.001	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0005	
VIC EPA IWRG621 Cat B								0.004																
VIC EPA IWRG621 Cat C								0.001																
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																					
GA15-BH019/2004	EM1512759018	GA15-BH019	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH021A/2001	EM1513438001	GA15-BH021A	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH021A/2002	EM1513438002	GA15-BH021A	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.001	0.0145
GA15-BH021A/2003	EM1513438003	GA15-BH021A	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	0.0019	<0.001	<0.001	<0.001	0.004	0.0015	0.0074	0.0189
GA15-BH024/2004	EM1514295001	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2005	EM1514295002	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2006	EM1514295003	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2007	EM1514295004	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2001	EM1512759019	GA15-BH025	EM1512759	-	-	-	-	<0.262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.262
GA15-BH025/2003	EM1512759020	GA15-BH025	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH025/2005	EM1512759021	GA15-BH025	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH025/2007	EM1512759022	GA15-BH025	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH025/2008	EM1512759023	GA15-BH025	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH025/2010	EM1512759024	GA15-BH025	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH026/2001	EM1512759025	GA15-BH026	EM1512759	-	-	-	-	<0.00055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00055
GA15-BH026/2003	EM1512759026	GA15-BH026	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	0.0013	<0.001	<0.001	<0.001	0.004	<0.001	0.0053	0.0178
GA15-BH026/2005	EM1512759027	GA15-BH026	EM1512759	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH027/2001	EM1513438004	GA15-BH027	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH027/2002	EM1513438005	GA15-BH027	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH028/2001	EM1513438006	GA15-BH028	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH028/2002	EM1513438007	GA15-BH028	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH028/2003	EM1513438008	GA15-BH028	EM1513438	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH029/2001	EM1514584001	GA15-BH029	EM1514584	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH029/2003	EM1514584003	GA15-BH029	EM1514584	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH029A/2001	EM1513729001	GA15-BH029A	EM1513729	<0.001	0.001	0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	0.0015	<0.001	<0.001	0.0023	0.0047	0.0015	0.012	0.0205
GA15-BH029A/2002	EM1513729002	GA15-BH029A	EM1513729	<0.001	0.0022	0.0014	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	0.0016	0.0015	<0.001	0.0075	0.0079	0.0014	0.0235	0.031
GA15-BH029A/2003	EM1513729003	GA15-BH029A	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2004	EM1513729004	GA15-BH029A	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH030/2001	EM1514443001	GA15-BH030	EM1514443	0.0121	<0.001	0.0044	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	0.0044	0.0085	<0.001	0.004	0.019	0.0035	0.0559	0.0634
GA15-BH030/2002	EM1514443002	GA15-BH030	EM1514443	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH030/2003	EM1514443003	GA15-BH030	EM1514443	<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145

					PAH																		
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene (TEQs)	Benzo(a)pyrene TEQ (lower bound)*	Benzo(b)&(j)fluoranthene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAH (Sum of Common 16 PAHs - Lab Reported)	PAH (Sum of Common 16 PAHs) (Calculated)
					mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL					0.001	0.001	0.001	0.001	0.0005	0.0005	0.0005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0005	
VIC EPA IWRG621 Cat B									0.004																
VIC EPA IWRG621 Cat C									0.001																
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																						
GA15-BH031/2001	EM1513729005	GA15-BH031	EM1513729		<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH031/2002	EM1513729006	GA15-BH031	EM1513729		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH031/2003	EM1513729007	GA15-BH031	EM1513729		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH032/2001	EM1514013003	GA15-BH032	EM1514013		<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH032/2002	EM1514013004	GA15-BH032	EM1514013		0.0014	0.0072	0.0027	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	0.0029	0.0039	<0.001	0.0022	0.015	0.0023	0.0376	0.0441
GA15-BH033/2001	EM1514013001	GA15-BH033	EM1514013		<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH033/2002	EM1514013002	GA15-BH033	EM1514013		<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0027	<0.001	0.0027	0.0162
GA15-BH112/2001	EM1513438010	GA15-BH112	EM1513438		<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH112/2002	EM1513438011	GA15-BH112	EM1513438		<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH112/2003	EM1513438012	GA15-BH112	EM1513438		<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145
GA15-BH121/2001	EM1514656011	GA15-BH121	EM1514656		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH121/2004	EM1514656012	GA15-BH121	EM1514656		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH122/2001	EM1513438009	GA15-BH122	EM1513438		<0.001	<0.001	<0.001	<0.001	<0.0005	-	<0.0005	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.0145

				Phenolics										Phenolics-Halogenated									
				2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Halogenated Phenols (Sum of total)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.004	0.1	0.004	0.004	0.004	0.05	0.05	0.05	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.004	0.002	0.002
VIC EPA IWRG621 Cat B													56										8
VIC EPA IWRG621 Cat C													14										2
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																				
BH032/E2	EM1307037009	GA11-BH032	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH032/E2	EM1307037023	GA11-BH032	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/20170613	EM1307443003	GA11-BH033	EM1307443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/20170613	EM1307443004	GA11-BH033	EM1307443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/E3170613	EM1307037008	GA11-BH033	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH033/E3170613	EM1307037022	GA11-BH033	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH034/0503613	EM1307443001	GA11-BH034	EM1307443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH034/0503613	EM1307443002	GA11-BH034	EM1307443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH034/E10040613	EM1307037010	GA11-BH034	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH034/E10040613	EM1307037024	GA11-BH034	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/05070613	EM1307037006	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/05070613	EM1307037020	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/10070613	EM1307037007	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/10070613	EM1307037021	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/20070613	EM1307037004	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH035/20070613	EM1307037018	GA11-BH035	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH036/05270513	EM1307037012	GA11-BH036	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH036/05270513	EM1307037026	GA11-BH036	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/10 19513	EM1307037002	GA11-BH037	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/10 19513	EM1307037016	GA11-BH037	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/50 19513	EM1307037013	GA11-BH037	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH037/50 19513	EM1307037027	GA11-BH037	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH038/05	EM1307037014	GA11-BH038	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH038/05	EM1307037028	GA11-BH038	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/05160513	EM1307037005	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/05160513	EM1307037019	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10140513	EM1307037001	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10140513	EM1307037015	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10160513	EM1307037003	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10160513	EM1307037017	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/20150513	EM1307037011	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				Phenolics										Phenolics-Halogenated									
				2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Halogenated Phenols (Sum of total)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.004	0.1	0.004	0.004	0.004	0.05	0.05	0.05	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.004	0.002	0.002
VIC EPA IWRG621 Cat B													56										8
VIC EPA IWRG621 Cat C													14										2
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																				
BH039/20150513	EM1307037025	GA11-BH039	EM1307037	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH001/2002	EM1512759001	GA15-BH001	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH002/2001	EM1512759002	GA15-BH002	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH003/2002	EM1512759003	GA15-BH003	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH004/2005	EM1512759004	GA15-BH004	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH005/2002	EM1512759005	GA15-BH005	EM1512759	<0.004	<0.1	<0.004	<0.004	<0.004	<0.05	<0.05	<0.05	<0.004	<0.1	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	<0.004
GA15-BH005/2003	EM1512759006	GA15-BH005	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH005/2004	EM1512759007	GA15-BH005	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH005/2005	EM1512759008	GA15-BH005	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH005/2007	EM1512759009	GA15-BH005	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH005/2009	EM1512759010	GA15-BH005	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH006/2001	EM1512759011	GA15-BH006	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH006/2002	EM1512759012	GA15-BH006	EM1512759	<0.004	<0.1	<0.004	<0.004	<0.004	<0.05	<0.05	<0.05	<0.004	<0.1	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	<0.004
GA15-BH006/2003	EM1512759013	GA15-BH006	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH006/2004	EM1512759014	GA15-BH006	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH007/2002	EM1512759015	GA15-BH007	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH008/2001	EM1513438015	GA15-BH008	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH009/2002	EM1514656004	GA15-BH009	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2001	EM1514656005	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2002	EM1514656006	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2003	EM1514656007	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2002	EM1514656001	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2003	EM1514656002	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2004	EM1514656003	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH012/2001	EM1514656008	GA15-BH012	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH013/2001	EM1514656009	GA15-BH013	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH017/2001	EM1513438013	GA15-BH017	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH017/2002	EM1513438014	GA15-BH017	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH018/2001	EM1514656010	GA15-BH018	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH019/2002	EM1512759016	GA15-BH019	EM1512759	<0.004	<0.1	<0.004	<0.004	<0.004	<0.05	<0.05	<0.05	<0.004	<0.1	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	<0.004
GA15-BH019/2003	EM1512759017	GA15-BH019	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				Phenolics										Phenolics-Halogenated										
				2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Halogenated Phenols (Sum of total)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.004	0.1	0.004	0.004	0.004	0.05	0.05	0.05	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.004	0.002	0.002
VIC EPA IWRG621 Cat B													56										8
VIC EPA IWRG621 Cat C													14										2
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																				
GA15-BH019/2004	EM1512759018	GA15-BH019	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH021A/2001	EM1513438001	GA15-BH021A	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH021A/2002	EM1513438002	GA15-BH021A	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH021A/2003	EM1513438003	GA15-BH021A	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2004	EM1514295001	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2005	EM1514295002	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2006	EM1514295003	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2007	EM1514295004	GA15-BH024	EM1514295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2001	EM1512759019	GA15-BH025	EM1512759	<0.262	<20.9	<0.262	<0.262	<0.523	<20.9	<20.7	<20.9	<0.262	<20.9	<0.262	<0.262	<0.262	<0.262	<0.262	<0.523	<0.262	<0.262	<0.262	<0.523
GA15-BH025/2003	EM1512759020	GA15-BH025	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2005	EM1512759021	GA15-BH025	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2007	EM1512759022	GA15-BH025	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2008	EM1512759023	GA15-BH025	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2010	EM1512759024	GA15-BH025	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH026/2001	EM1512759025	GA15-BH026	EM1512759	<0.004	<0.1	<0.004	<0.004	<0.004	<0.05	<0.05	<0.05	<0.004	<0.1	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	<0.004
GA15-BH026/2003	EM1512759026	GA15-BH026	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH026/2005	EM1512759027	GA15-BH026	EM1512759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH027/2001	EM1513438004	GA15-BH027	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH027/2002	EM1513438005	GA15-BH027	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH028/2001	EM1513438006	GA15-BH028	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH028/2002	EM1513438007	GA15-BH028	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH028/2003	EM1513438008	GA15-BH028	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029/2001	EM1514584001	GA15-BH029	EM1514584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029/2003	EM1514584003	GA15-BH029	EM1514584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2001	EM1513729001	GA15-BH029A	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2002	EM1513729002	GA15-BH029A	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2003	EM1513729003	GA15-BH029A	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2004	EM1513729004	GA15-BH029A	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH030/2001	EM1514443001	GA15-BH030	EM1514443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH030/2002	EM1514443002	GA15-BH030	EM1514443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH030/2003	EM1514443003	GA15-BH030	EM1514443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				Phenolics										Phenolics-Halogenated									
				2,4-Dimethylphenol	2,4-Dinitrophenol	2-Methylphenol	2-Nitrophenol	3- & 4- Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexylphenol	4-Nitrophenol	Phenol	Non-Halogenated Phenols (Sum of total)	2,3,5,6-Tetrachlorophenol	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,6-Dichlorophenol	2,3,4,5 & 2,3,4,6-Tetrachlorophenol	2-Chlorophenol	4-Chloro-3-methylphenol	Pentachlorophenol	Halogenated Phenols (Sum of total)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL				0.004	0.1	0.004	0.004	0.004	0.05	0.05	0.05	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.004	0.002	0.002
VIC EPA IWRG621 Cat B													56										8
VIC EPA IWRG621 Cat C													14										2
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																				
GA15-BH031/2001	EM1513729005	GA15-BH031	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH031/2002	EM1513729006	GA15-BH031	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH031/2003	EM1513729007	GA15-BH031	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH032/2001	EM1514013003	GA15-BH032	EM1514013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH032/2002	EM1514013004	GA15-BH032	EM1514013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH033/2001	EM1514013001	GA15-BH033	EM1514013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH033/2002	EM1514013002	GA15-BH033	EM1514013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH112/2001	EM1513438010	GA15-BH112	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH112/2002	EM1513438011	GA15-BH112	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH112/2003	EM1513438012	GA15-BH112	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH121/2001	EM1514656011	GA15-BH121	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH121/2004	EM1514656012	GA15-BH121	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH122/2001	EM1513438009	GA15-BH122	EM1513438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

				Sample Quality Parameters				Total Petroleum Hydrocarbons										Volatile Organic Compounds		
				Cyanide (total)	Fluoride	Final pH	pH (aqueous extract)	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH >C10 - C16 Fraction F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Hexachlorobutadiene	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)
				mg/L	mg/L	pH Unit	pH_Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
EQL				0.004	0.1	0.1	0.1	0.05	0.1	0.05	0.05		0.1	0.1	0.1	0.1	0.0005	0.0002	
VIC EPA IWRG621 Cat B				32	600												0.28	0.12	
VIC EPA IWRG621 Cat C				8	150												0.07	0.03	
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																
BH032/E2	EM1307037009	GA11-BH032	EM1307037	-	-	4	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH032/E2	EM1307037023	GA11-BH032	EM1307037	-	-	5.4	5	-	-	-	-	-	-	-	-	-	-	-	-
BH033/20170613	EM1307443003	GA11-BH033	EM1307443	-	-	4.1	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH033/20170613	EM1307443004	GA11-BH033	EM1307443	-	-	5	5	-	-	-	-	-	-	-	-	-	-	-	-
BH033/E3170613	EM1307037008	GA11-BH033	EM1307037	-	-	4.1	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH033/E3170613	EM1307037022	GA11-BH033	EM1307037	-	-	5.3	5	-	-	-	-	-	-	-	-	-	-	-	-
BH034/0503613	EM1307443001	GA11-BH034	EM1307443	-	-	3.9	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH034/0503613	EM1307443002	GA11-BH034	EM1307443	-	-	4.9	5	-	-	-	-	-	-	-	-	-	-	-	-
BH034/E10040613	EM1307037010	GA11-BH034	EM1307037	-	-	3.8	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH034/E10040613	EM1307037024	GA11-BH034	EM1307037	-	-	5.2	5	-	-	-	-	-	-	-	-	-	-	-	-
BH035/05070613	EM1307037006	GA11-BH035	EM1307037	-	-	3.9	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH035/05070613	EM1307037020	GA11-BH035	EM1307037	-	-	5.2	5	-	-	-	-	-	-	-	-	-	-	-	-
BH035/10070613	EM1307037007	GA11-BH035	EM1307037	-	-	4	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH035/10070613	EM1307037021	GA11-BH035	EM1307037	-	-	5.3	5	-	-	-	-	-	-	-	-	-	-	-	-
BH035/20070613	EM1307037004	GA11-BH035	EM1307037	-	-	3.8	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH035/20070613	EM1307037018	GA11-BH035	EM1307037	-	-	5.2	5	-	-	-	-	-	-	-	-	-	-	-	-
BH036/05270513	EM1307037012	GA11-BH036	EM1307037	-	-	4	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH036/05270513	EM1307037026	GA11-BH036	EM1307037	-	-	5.3	5	-	-	-	-	-	-	-	-	-	-	-	-
BH037/10 19513	EM1307037002	GA11-BH037	EM1307037	-	-	3.9	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH037/10 19513	EM1307037016	GA11-BH037	EM1307037	-	-	5	5	-	-	-	-	-	-	-	-	-	-	-	-
BH037/50 19513	EM1307037013	GA11-BH037	EM1307037	-	-	4.1	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH037/50 19513	EM1307037027	GA11-BH037	EM1307037	-	-	5.3	5	-	-	-	-	-	-	-	-	-	-	-	-
BH038/05	EM1307037014	GA11-BH038	EM1307037	-	-	3.8	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH038/05	EM1307037028	GA11-BH038	EM1307037	-	-	5.4	5	-	-	-	-	-	-	-	-	-	-	-	-
BH039/05160513	EM1307037005	GA11-BH039	EM1307037	-	-	3.8	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH039/05160513	EM1307037019	GA11-BH039	EM1307037	-	-	5.2	5	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10140513	EM1307037001	GA11-BH039	EM1307037	-	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10140513	EM1307037015	GA11-BH039	EM1307037	-	-	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10160513	EM1307037003	GA11-BH039	EM1307037	-	-	3.9	2.9	-	-	-	-	-	-	-	-	-	-	-	-
BH039/10160513	EM1307037017	GA11-BH039	EM1307037	-	-	5.2	5	-	-	-	-	-	-	-	-	-	-	-	-
BH039/20150513	EM1307037011	GA11-BH039	EM1307037	-	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-

				Sample Quality Parameters				Total Petroleum Hydrocarbons									Volatile Organic Compounds		
				Cyanide (total)	Fluoride	Final pH	pH (aqueous extract)	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH >C10 - C16 Fraction F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Hexachlorobutadiene	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)
				mg/L	mg/L	pH Unit	pH_Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
EQL				0.004	0.1	0.1	0.1	0.05	0.1	0.05	0.05		0.1	0.1	0.1	0.1	0.0005	0.0002	
VIC EPA IWRG621 Cat B				32	600												0.28	0.12	
VIC EPA IWRG621 Cat C				8	150												0.07	0.03	
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																
BH039/20150513	EM1307037025	GA11-BH039	EM1307037	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH001/2002	EM1512759001	GA15-BH001	EM1512759	-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH002/2001	EM1512759002	GA15-BH002	EM1512759	-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH003/2002	EM1512759003	GA15-BH003	EM1512759	-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH004/2005	EM1512759004	GA15-BH004	EM1512759	-	0.3	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH005/2002	EM1512759005	GA15-BH005	EM1512759	0.005	0.3	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.01	<0.011
GA15-BH005/2003	EM1512759006	GA15-BH005	EM1512759	-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH005/2004	EM1512759007	GA15-BH005	EM1512759	-	0.2	-	-	<0.05	0.25	<0.05	0.25	0.35	0.21	<0.1	0.21	<0.1	-	-	-
GA15-BH005/2005	EM1512759008	GA15-BH005	EM1512759	-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH005/2007	EM1512759009	GA15-BH005	EM1512759	-	0.6	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH005/2009	EM1512759010	GA15-BH005	EM1512759	-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH006/2001	EM1512759011	GA15-BH006	EM1512759	-	0.6	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH006/2002	EM1512759012	GA15-BH006	EM1512759	<0.004	1	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.01	<0.011
GA15-BH006/2003	EM1512759013	GA15-BH006	EM1512759	-	0.3	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH006/2004	EM1512759014	GA15-BH006	EM1512759	-	0.2	-	-	<0.05	0.11	<0.05	0.11	0.21	0.12	<0.1	0.12	<0.1	-	-	-
GA15-BH007/2002	EM1512759015	GA15-BH007	EM1512759	-	1.2	-	-	<0.05	0.13	<0.05	0.13	0.23	0.13	<0.1	0.13	<0.1	-	-	-
GA15-BH008/2001	EM1513438015	GA15-BH008	EM1513438	-	0.6	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH009/2002	EM1514656004	GA15-BH009	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2001	EM1514656005	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2002	EM1514656006	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH010/2003	EM1514656007	GA15-BH010	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2002	EM1514656001	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2003	EM1514656002	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH011/2004	EM1514656003	GA15-BH011	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH012/2001	EM1514656008	GA15-BH012	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH013/2001	EM1514656009	GA15-BH013	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH017/2001	EM1513438013	GA15-BH017	EM1513438	-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH017/2002	EM1513438014	GA15-BH017	EM1513438	-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH018/2001	EM1514656010	GA15-BH018	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH019/2002	EM1512759016	GA15-BH019	EM1512759	0.005	0.5	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.01	<0.011
GA15-BH019/2003	EM1512759017	GA15-BH019	EM1512759	-	0.9	-	-	<0.05	0.12	<0.05	0.12	0.22	0.13	<0.1	0.13	<0.1	-	-	-

					Sample Quality Parameters				Total Petroleum Hydrocarbons									Volatile Organic Compounds		
					Cyanide (total)	Fluoride	Final pH	pH (aqueous extract)	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH >C10 - C16 Fraction F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Hexachlorobutadiene	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)
					mg/L	mg/L	pH Unit	pH_Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
EQL					0.004	0.1	0.1	0.1	0.05	0.1	0.05	0.05		0.1	0.1	0.1	0.1	0.0005	0.0002	
VIC EPA IWRG621 Cat B					32	600												0.28	0.12	
VIC EPA IWRG621 Cat C					8	150												0.07	0.03	
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																	
GA15-BH019/2004	EM1512759018	GA15-BH019	EM1512759		-	0.5	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH021A/2001	EM1513438001	GA15-BH021A	EM1513438		-	0.3	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH021A/2002	EM1513438002	GA15-BH021A	EM1513438		-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH021A/2003	EM1513438003	GA15-BH021A	EM1513438		-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH024/2004	EM1514295001	GA15-BH024	EM1514295		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2005	EM1514295002	GA15-BH024	EM1514295		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2006	EM1514295003	GA15-BH024	EM1514295		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH024/2007	EM1514295004	GA15-BH024	EM1514295		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH025/2001	EM1512759019	GA15-BH025	EM1512759		0.024	0.8	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.01	<0.011
GA15-BH025/2003	EM1512759020	GA15-BH025	EM1512759		-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH025/2005	EM1512759021	GA15-BH025	EM1512759		-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH025/2007	EM1512759022	GA15-BH025	EM1512759		-	0.8	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH025/2008	EM1512759023	GA15-BH025	EM1512759		-	0.8	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH025/2010	EM1512759024	GA15-BH025	EM1512759		-	0.5	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH026/2001	EM1512759025	GA15-BH026	EM1512759		0.005	0.8	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.01	<0.011
GA15-BH026/2003	EM1512759026	GA15-BH026	EM1512759		-	0.4	-	-	<0.05	0.11	<0.05	0.11	0.21	0.11	<0.1	0.11	<0.1	-	-	-
GA15-BH026/2005	EM1512759027	GA15-BH026	EM1512759		-	0.3	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH027/2001	EM1513438004	GA15-BH027	EM1513438		-	1.1	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH027/2002	EM1513438005	GA15-BH027	EM1513438		-	0.3	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH028/2001	EM1513438006	GA15-BH028	EM1513438		-	0.3	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH028/2002	EM1513438007	GA15-BH028	EM1513438		-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH028/2003	EM1513438008	GA15-BH028	EM1513438		-	0.4	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH029/2001	EM1514584001	GA15-BH029	EM1514584		-	0.1	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH029/2003	EM1514584003	GA15-BH029	EM1514584		-	0.2	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH029A/2001	EM1513729001	GA15-BH029A	EM1513729		-	0.8	-	-	<0.05	0.22	<0.05	0.22	0.32	0.19	<0.1	0.19	<0.1	-	-	-
GA15-BH029A/2002	EM1513729002	GA15-BH029A	EM1513729		-	0.3	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH029A/2003	EM1513729003	GA15-BH029A	EM1513729		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH029A/2004	EM1513729004	GA15-BH029A	EM1513729		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH030/2001	EM1514443001	GA15-BH030	EM1514443		-	-	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH030/2002	EM1514443002	GA15-BH030	EM1514443		-	-	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH030/2003	EM1514443003	GA15-BH030	EM1514443		-	-	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-

				Sample Quality Parameters				Total Petroleum Hydrocarbons									Volatile Organic Compounds		
				Cyanide (total)	Fluoride	Final pH	pH (aqueous extract)	TRH C10 - C14 Fraction	TRH C15 - C28 Fraction	TRH C29 - C36 Fraction	TRH+C10 - C36 (Sum of total) (Lab Reported)	TRH+C10 - C36 (Sum of total) (Calculated)	TRH+C10 - C40 (Sum of total) (Lab Reported)	TRH >C10 - C16 Fraction F2	TRH >C16 - C34 Fraction F3	TRH >C34 - C40 Fraction F4	Hexachlorobutadiene	Vinyl chloride	Chlorinated Hydrocarbons (Calculated)
				mg/L	mg/L	pH Unit	pH_Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/l
EQL				0.004	0.1	0.1	0.1	0.05	0.1	0.05	0.05		0.1	0.1	0.1	0.1	0.0005	0.0002	
VIC EPA IWRG621 Cat B				32	600												0.28	0.12	
VIC EPA IWRG621 Cat C				8	150												0.07	0.03	
Field_ID	**SampleCode**	**Location_Code**	**Lab_Report_Number**																
GA15-BH031/2001	EM1513729005	GA15-BH031	EM1513729	-	0.7	-	-	<0.05	0.17	<0.05	0.17	0.27	0.14	<0.1	0.14	<0.1	-	-	-
GA15-BH031/2002	EM1513729006	GA15-BH031	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH031/2003	EM1513729007	GA15-BH031	EM1513729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH032/2001	EM1514013003	GA15-BH032	EM1514013	-	-	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH032/2002	EM1514013004	GA15-BH032	EM1514013	-	-	-	-	<0.05	0.16	<0.05	0.16	0.26	0.14	<0.1	0.14	<0.1	-	-	-
GA15-BH033/2001	EM1514013001	GA15-BH033	EM1514013	-	-	-	-	<0.05	0.11	<0.05	0.11	0.21	0.13	<0.1	0.13	<0.1	-	-	-
GA15-BH033/2002	EM1514013002	GA15-BH033	EM1514013	-	-	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH112/2001	EM1513438010	GA15-BH112	EM1513438	-	0.6	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH112/2002	EM1513438011	GA15-BH112	EM1513438	-	0.4	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH112/2003	EM1513438012	GA15-BH112	EM1513438	-	0.4	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-
GA15-BH121/2001	EM1514656011	GA15-BH121	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH121/2004	EM1514656012	GA15-BH121	EM1514656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GA15-BH122/2001	EM1513438009	GA15-BH122	EM1513438	-	1	-	-	<0.05	<0.1	<0.05	<0.05	<0.2	<0.1	<0.1	<0.1	<0.1	-	-	-

Sample Number	Segment	Test Location	Laboratory ID	Sample Date	Inferred lithology/Matrix Descirption	Depth Range (m - BGL)		pH_{FIELD}	pH_{KCl}	TAA		sTAA Converted to %S*		S_{NAS} (if pH less than 4.5)		Existing Acidity (sTAA + 0.75 x S_{NAS})	Chromium Reducible Sulfur (S_{CR})		Acid Neutralising Capacity (if pH more than 6.5)		Net Acidity (S_{CR}+Existing Acidity - ANC/FF)		Is This AASS	Is This PASS	Net Acidity Exceeds the Criteria (0.03%S)
						m - BGL		pH Units	pH Units	moles H+/t		%S		%S		%S	%S		%CaCO3		%S				
GA15-BH002/2005	Segment 05	GA15-BH002	EM1511913001	3/06/2015	Tew	20.30	20.75	7.5	6.9	<	2	<	0.003			0.000	<	0.005		0.14		-0.030	No	No	No
GA15-BH002/2006	Segment 05	GA15-BH002	EM1511913002	3/06/2015	Tew	21.80	22.25	7.9	7.3	<	2	<	0.003			0.000	<	0.005		0.03		-0.006	No	No	No
GA15-BH002/2007	Segment 05	GA15-BH002	EM1511913003	3/06/2015	Tew	23.30	23.75	8	6.2	<	2	<	0.003			0.000	<	0.005				0.000	No	No	No
GA15-BH003/2007	Segment 05	GA15-BH003	EM1511913004	9/06/2015	Qpf	3.80	4.25	9.2	6.8	<	2	<	0.003			0.000	<	0.005		0.31		-0.066	No	No	No
GA15-BH003/2010	Segment 05	GA15-BH003	EM1511913005	9/06/2015	Tew	9.80	10.25	8.6	8	<	2	<	0.003			0.000		0.008		0.02		**0.004**	No	**No**	No
GA15-BH003/2013	Segment 05	GA15-BH003	EM1511913006	9/06/2015	Tew	14.30	14.70	8.4	8.7	<	2	<	0.003			0.000	<	0.005		0.71		-0.152	No	No	No
GA15-BH003/2016	Segment 05	GA15-BH003	EM1511913007	10/07/2015	Tew	18.80	19.10	8.1	6.7	<	2	<	0.003			0.000	<	0.005		0.16		-0.034	No	No	No
GA15-BH003/2019	Segment 05	GA15-BH003	EM1511913008	10/07/2015	Tew	23.30	23.60	8.2	6.5	<	2	<	0.003			0.000	<	0.005		3.25		-0.694	No	No	No
GA15-BH004/2006	Segment 06	GA15-BH004	EM1511913028	26/06/2015	Qhi	3.40	3.80	8.5	6.6	<	2	<	0.003			0.000		0.236		1.77		-0.142	No	**YES**	No
GA15-BH004/2008	Segment 06	GA15-BH004	EM1511913029	26/06/2015	Qhi	4.60	4.50	7.8	6.4	<	2	<	0.003			0.000		2.13				**2.130**	No	**YES**	**Yes**
GA15-BH004/2009	Segment 06	GA15-BH004	EM1511913030	26/06/2015	Qhi	5.30	5.70	8.4	6.4	<	2	<	0.003			0.000		1.81				**1.810**	No	**YES**	**Yes**
GA15-BH004/2010	Segment 06	GA15-BH004	EM1511913031	26/06/2015	Qhi	6.20	6.60	8.7	8.3	<	2	<	0.003			0.000		1.68		2.67		**1.110**	No	**YES**	**Yes**
GA15-BH004/2011	Segment 06	GA15-BH004	EM1511913032	26/06/2015	Qhi	7.10	7.50	8.8	8.1	<	2	<	0.003			0.000		1.61		2.36		**1.106**	No	**YES**	**Yes**
GA15-BH004/2013	Segment 06	GA15-BH004	EM1511913033	26/06/2015	Qpf	8.10	8.50	9	7.7	<	2	<	0.003			0.000		0.065		0.91		-0.129	No	**YES**	No
GA15-BH004/2014	Segment 06	GA15-BH004	EM1511913034	26/06/2015	Qpf	9.10	9.50	8.1	6.7	<	2	<	0.003			0.000		0.014		0.66		-0.127	No	**No**	No
GA15-BH005/2006	Segment 07	GA15-BH005	EM1511913021	22/06/2015	Qhi	2.60	2.80	8.7	6.8	<	2	<	0.003			0.000		0.059		1.64		-0.291	No	**YES**	No
GA15-BH005/2007	Segment 07	GA15-BH005	EM1511913022	23/06/2015	Qhi	3.00	3.50	8.6	6.5	<	2	<	0.003			0.000		0.099		1.36		-0.192	No	**YES**	No
GA15-BH005/2012	Segment 07	GA15-BH005	EM1511913023	23/06/2015	Qhi	7.00	7.40	8.7	6.4	<	2	<	0.003			0.000		1.78				**1.780**	No	**YES**	**Yes**
GA15-BH005/2013	Segment 07	GA15-BH005	EM1511913024	23/06/2015	Qpf	8.20	8.60	8.9	8.3	<	2	<	0.003			0.000		0.006		3.88		-0.823	No	**No**	No
GA15-BH005/2019	Segment 07	GA15-BH005	EM1511913025	23/06/2015	Qpf	14.00	14.30	7.9	6.7	<	2	<	0.003			0.000		0.021		0.41		-0.067	No	**No**	No
GA15-BH006/2003	Segment 07	GA15-BH006	EM1511913026	25/06/2015	Fill	1.40	1.50	8.6	8.1	<	2	<	0.003			0.000	<	0.005		2.93		-0.626	No	No	No
GA15-BH006/2004	Segment 07	GA15-BH006	EM1511913027	25/06/2015	Qhi	2.10	2.30	7.4	5.5		20		0.032			0.032		0.162				**0.194**	**YES**	**YES**	**Yes**
GA15-BH024/2007	Segment 16	GA15-BH024	EM1511913009	16/06/2015	Fill	3.90	4.30	8.2	8.7	<	2	<	0.003			0.000		0.746		1.7		**0.383**	No	**YES**	Yes
GA15-BH024/2010	Segment 16	GA15-BH024	EM1511913010	16/06/2015	Qhi	5.00	5.20	8.4	4.5		42		0.067			0.067		1.47				**1.537**	**YES**	**YES**	**Yes**
GA15-BH024/2015	Segment 16	GA15-BH024	EM1511913011	16/06/2015	Qhi	10.70	10.90	8.5	7.9	<	2	<	0.003			0.000		1.75		1.7		**1.387**	No	**YES**	**Yes**
GA15-BH024/2019	Segment 16	GA15-BH024	EM1511913012	16/06/2015	Qhi	15.40	15.60	8.6	6.4	<	2	<	0.003			0.000		1.75		0		**1.750**	No	**YES**	**Yes**
GA15-BH025/2010	Segment 16	GA15-BH025	EM1511913013	17/06/2015	Fill	6.30	6.60	8.1	9.8	<	2	<	0.003			0.000		0.06		4.87		-0.980	No	**YES**	No
GA15-BH025/2012	Segment 16	GA15-BH025	EM1511913014	17/06/2015	Qhi	7.20	7.40	8.5	7.8	<	2	<	0.003			0.000		1.19		1.22		**0.929**	No	**YES**	**Yes**
GA15-BH025/2016	Segment 16	GA15-BH025	EM1511913015	17/06/2015	Qhi	11.50	11.60	8.6	6.4	<	2	<	0.003			0.000		1.8				**1.800**	No	**YES**	**Yes**
GA15-BH025/2022	Segment 16	GA15-BH025	EM1511913016	17/06/2015	Qhi	17.30	17.50	8.6	6.8	<	2	<	0.003			0.000		1.04		1.65		**0.688**	No	**YES**	**Yes**
GA15-BH026/2006	Segment 17	GA15-BH026	EM1511913017	18/06/2015	Fill	2.90	3.30	7.6	5.5		14		0.022			0.022		0.073				**0.095**	No	**YES**	Yes
GA15-BH026/2010	Segment 17	GA15-BH026	EM1511913018	18/06/2015	Fill	5.10	5.40	6.8	5.3		10		0.016			0.016		0.034				**0.050**	No	**YES**	Yes
GA15-BH026/2012	Segment 17	GA15-BH026	EM1511913019	18/06/2015	Qhi	6.00	6.30	8.1	5.1		25		0.040			0.040		1.34				**1.380**	**YES**	**YES**	**Yes**
GA15-BH026/2013	Segment 17	GA15-BH026	EM1511913020	18/06/2015	Silty Clay	7.10	7.30	9.2	6.4	<	2	<	0.003			0.000		0.257				**0.257**	No	**YES**	Yes
GA15-BH027/2001	Segment 18	GA15-BH027	EB1525040005	2/07/2015	Fill	0.10	0.20	7.1	6.4	<	2	<	0.003			0.000	<	0.005				0.000	No	No	No
GA15-BH027/2006	Segment 18	GA15-BH027	EB1525040006	3/07/2015	Tpb	2.60	2.80	8.5	6.7	<	2	<	0.003			0.000	<	0.005	<	0.01		-0.002	No	No	No
GA15-BH027/2009	Segment 18	GA15-BH027	EB1525040007	3/07/2015	Tpb	6.80	7.10	8.7	6.3	<	2	<	0.003			0.000	<	0.005		0		0.000	No	No	No
GA15-BH027/2010	Segment 18	GA15-BH027	EB1525040008	3/07/2015	Tpb	8.30	8.40	7.1	6.5	<	2	<	0.003			0.000	<	0.005	<	0.01		-0.002	No	No	No
GA15-BH028/2001	Segment 18	GA15-BH028	EB1525040001	13/07/2015	Fill	0.10	0.20	6.6	5.5		15		0.024			0.024	<	0.005		0		**0.024**	No	No	No
GA15-BH028/2003	Segment 18	GA15-BH028	EB1525040002	13/07/2015	Tpb	1.00	1.10	7.4	8.4	<	2	<	0.003			0.000	<	0.005		1.36		-0.291	No	No	No
GA15-BH028/2005	Segment 18	GA15-BH028	EB1525040003	13/07/2015	Tpb	3.80	4.25	8.6	7.3	<	2	<	0.003			0.000	<	0.005	<	0.01		-0.002	No	No	No
GA15-BH028/2007	Segment 18	GA15-BH028	EB1525040004	13/07/2015	Tpb	5.30	5.75	8.9	6.7	<	2	<	0.003			0.000	<	0.005		0.26		-0.056	No	No	No
GA15-BH029/2003	Segment 20	GA15-BH029	EM1514584003	10/09/2015	Fill	1.00	1.10	8.6	8.9	<	2	<	0.003			0.000		0.082		4.85		-0.954	No	**YES**	No
GA15-BH029/2005	Segment 20	GA15-BH029	EM1514584005	10/09/2015	Tpb	1.75	2.05	8.4	8.6	<	2	<	0.003			0.000		0.144		1.47		-0.170	No	**YES**	No
GA15-BH029/2007	Segment 20	GA15-BH029	EM1514584007	10/09/2015	Tpb	5.30	5.75	7.4	7	<	2	<	0.003			0.000		0.027		1.39		-0.270	No	**No**	No
GA15-BH029/2010	Segment 20	GA15-BH029	EM1514584010	10/09/2015	Tpb	9.80	10.20	7.3	7.1	<	2	<	0.003			0.000		0.023		0.95		-0.180	No	**No**	No
GA15-BH030/2006	Segment 20	GA15-BH030	EB1528870001	31/08/2015	Tpb	3.80	4.25	8.4	6	<	2	<	0.003			0.000	<	0.005				0.000	No	No	No
GA15-BH030/2008	Segment 20	GA15-BH030	EB1528870002	1/09/2015	Tpb	6.80	7.25	8.8	6.2	<	2	<	0.003			0.000	<	0.005				0.000	No	No	No
GA15-BH030/2010	Segment 20	GA15-BH030	EB1528870003	1/09/2015	Tpb	9.90	10.35	8.2	6.3	<	2	<	0.003			0.000		0.015				**0.015**	No	**No**	No
GA15-BH031/2007	Segment 20	GA15-BH031	EM1513899004	13/08/2015	Tpb	5.75	5.95	8	6.3	<	2	<	0.003			0.000	<	0.005				0.000	No	No	No
GA15-BH032/2001	Segment 20	GA15-BH032	EB1528018001	20/08/2015	Fill	0.00	0.10	7.1	6.4	<	2	<	0.003			0.000	<	0.005				0.000	No	No	No
GA15-BH032/2003	Segment 20	GA15-BH032	EB1528018002	20/08/2015	Tpb	1.00	1.10	7.2	6.2	<	2	<	0.003			0.000	<	0.005				0.000	No	No	No
GA15-BH032/2005	Segment 20	GA15-BH032	EB1528018003	21/08/2015	Tpb	4.40	4.61	7.7	6.6	<	2	<	0.003			0.000	<	0.005		0.02		-0.004	No	No	No
GA15-BH032/2006	Segment 20	GA15-BH032	EB1528018004	21/08/2015	Tpb	5.75	5.95	7.5	6.5	<	2	<	0.003			0.000	<	0.005		0.2		-0.043	No	No	No

Sample Number	Segment	Test Location	Laboratory ID	Sample Date	Inferred lithology/Matrix Descirption	Depth Range (m - BGL)		pH_{FIELD}	pH_{KCl}	TAA		sTAA Converted to %S*		S_{NAS} (if pH less than 4.5)		Existing Acidity (sTAA + 0.75 x S_{NAS})	Chromium Reducible Sulfur (S_{CR})		Acid Neutralising Capacity (if pH more than 6.5)		Net Acidity (S_{CR}+Existing Acidity - ANC/FF)		Is This AASS	Is This PASS	Net Acidity Exceeds the Criteria (0.03%S)
GA15-BH032/2007	Segment 20	GA15-BH032	EB1528018005	21/08/2015	Tpb	7.25	7.45	7.4	6.5	<	2	<	0.003				0.000	<	0.005		0.11		-0.023	No	No	No
GA15-BH033/2001	Segment 20	GA15-BH033	EB1528018006	20/08/2015	Fill	0.00	0.10	6.6	5.6		12		0.019				0.019	<	0.005				**0.019**	No	No	No
GA15-BH033/2003	Segment 20	GA15-BH033	EB1528018007	20/08/2015	Fill	1.00	1.10	6.8	6.8	<	2	<	0.003				0.000	<	0.005		0.72		-0.154	No	No	No
GA15-BH033/2008	Segment 20	GA15-BH033	EB1528018008	20/08/2015	Tpb	3.80	4.25	7.4	6.4	<	2	<	0.003				0.000		0.006				**0.006**	No	**No**	No
GA15-BH033/2009	Segment 20	GA15-BH033	EB1528018009	20/08/2015	Tpb	4.60	5.05	7.2	6.6	<	2	<	0.003				0.000	<	0.005		0.15		-0.032	No	No	No
GA15-BH033/2010	Segment 20	GA15-BH033	EB1528018010	20/08/2015	Tpb	5.80	6.25	8.1	6.5	<	2	<	0.003				0.000	<	0.005		0.26		-0.056	No	No	No
GA15-BH122/2001	Segment 18	GA15-BH122	EB1529119001	14/07/2015	Fill	0.10	0.20	6.7	6.5	<	2	<	0.003				0.000	<	0.005		1.78		-0.380	No	No	No
GA15-BH122/2003	Segment 18	GA15-BH122	EB1529119002	14/07/2015	Tpb	1.00	1.10	8.5	6.7	<	2	<	0.003				0.000	<	0.005		0.68		-0.145	No	No	No
GA15-BH122/2005	Segment 18	GA15-BH122	EB1529119003	14/07/2015	Tpb	2.00	2.10	8.6	6.8	<	2	<	0.003				0.000	<	0.005		0.61		-0.130	No	No	No
GA15-BH122/2006	Segment 18	GA15-BH122	EB1529119004	14/07/2015	Tpb	2.50	2.70	8.5	6.7	<	2	<	0.003				0.000	<	0.005		0.41		-0.088	No	No	No
GA15-BH123/2003	Segment 18	GA15-BH123	EB1529119005	13/07/2015	Fill	1.00	1.05	7.1	6.3	<	2	<	0.003				0.000	<	0.005				0.000	No	No	No
BH001A/1001	Segment 01	GA11-BH001		11/06/2013	Clayey SAND	11.60			7.5	<	2	<	0.003				0.000		0.28		1.2		0.024	No	**YES**	No
BH001A/1002	Segment 01	GA11-BH001		11/06/2013	Clayey SAND	14.30			7.3	<	2	<	0.003				0.000	<	0.005		0.96		-0.205	No	No	No
BH001A/1003	Segment 01	GA11-BH001		11/06/2013	Sand	17.30			7	<	2	<	0.003				0.000	<	0.005		1.06		-0.226	No	No	No
BH001A/1004	Segment 01	GA11-BH001		11/06/2013	Sand	20.30			6.8	<	2	<	0.003				0.000	<	0.005		0.82		-0.175	No	No	No
BH001A/1005	Segment 01	GA11-BH001		12/06/2013	Silty Clay	25.10			7.1	<	2	<	0.003				0.000	<	0.005		0.93		-0.199	No	No	No
BH001A/1006	Segment 01	GA11-BH001		12/06/2013	Clay	26.30			7.3	<	2	<	0.003				0.000		0.02		1.31		-0.260	No	No	No
BH001A/1007	Segment 01	GA11-BH001		12/06/2013	Sandy Clay	29.30			7.2	<	2	<	0.003				0.000		0.196		1.02		-0.022	No	**YES**	No

Table C3b - Summary of SPOCAS Results
(Soil Assessment)
(Assuming >1000 Tonne Excavation with 0.03%S Criteria)

Client AJMJV
Project Melbourne Metro Rail Project
Job Number 1525532-217-R-Rev2
Sample Date 2011 to 2013

Sample Number	Test Location	Sample Date	Depth (m BGL)	Assessment Area	Material Description	Laboratory Results											
						pHKCl	s-TAA (%S)		s-TPA (%S)		SPOS (%S)		s-SNAS (%S)		s-CaA (%S)		s-MgA (%S)
BHE028A/2007	BHE028A	9/01/2012	1.5	Alexandra Gardens	Fill	4.6		0.04		0.05	<	0.02			<	0.02	<	0.02
BHE028A/2013	BHE028A	9/01/2012	3	Alexandra Gardens	CIS	4.3		0.08		1.26		1.51		0.08	<	0.02	<	0.02
BHE028A/2015	BHE028A	9/01/2012	5.5	Alexandra Gardens	CIS	4.6		0.04		1.25		1.10			<	0.02	<	0.02
BHE028A/2028	BHE028A	9/01/2012	8.75	Alexandra Gardens	CIS	7	<	0.02	<	0.02	<	0.02			<	0.02	<	0.02
BHE1A/2004	BHE1A	28/11/2011	2.75	Kensington Portal	Fill	7.3	<	0.02	<	0.02		0.03			<	0.02	<	0.02
BHE1A/2006	BHE1A	28/11/2011	3.25	Kensington Portal	CIS	8.7	<	0.02		0.13		0.80				0.20		0.05
BHE2A/2007	BHE2A	28/11/2011	2.5	Kensington Portal	Fill	8.4	<	0.02	<	0.02		0.19				0.96	<	0.02
BHE2A/2015	BHE2A	28/11/2011	4.5	Kensington Portal	CIS	8.3	<	0.02		0.51		1.01				0.28		0.10
BHE003A/2011	BHE003A	30/11/2011	2.5	Kensington Portal	CIS	3.8		0.14		0.19	<	0.02		0.09	<	0.02	<	0.02
BHE003A/2017	BHE003A	30/11/2011	4	Kensington Portal	CIS	8.4	<	0.02	<	0.02		0.39				1.44	<	0.02
GA11-BHE005A/1011	GA11-BHE005A	6/02/2012	2.5	Arden Station	CIS	6.4	<	0.02		0.08		0.24				0.07		0.04
GA11-BHE005A/1018	GA11-BHE005A	6/02/2012	4.25	Arden Station	CIS	8.1	<	0.02		0.45		2.07				1.10		0.10
GA11-BHE006A/1003	GA11-BHE006A	6/02/2012	1	Arden Station	Fill	3.7		0.17		0.27		0.04		0.73	<	0.02	<	0.02
GA11-BHE006A/1010	GA11-BHE006A	6/02/2012	2.25	Arden Station	Fill	6.7	<	0.02		0.02		0.12			<	0.02	<	0.02
GA11-BHE006A/1015	GA11-BHE006A	6/02/2012	3.5	Arden Station	CIS	4.2		0.09		0.72		0.64		0.05	<	0.02	<	0.02
GA11-BHE006A/1019	GA11-BHE006A	6/02/2012	4.5	Arden Station	CIS	4.5		0.08		1.64		1.68			<	0.02	<	0.02
GA11-BHE007A/1003	GA11-BHE007A	6/02/2012	0.5	Arden Station	Fill	3.6		0.27		0.36		0.04		0.54	<	0.02	<	0.02
GA11-BHE007A/1008	GA11-BHE007A	6/02/2012	1.75	Arden Station	Fill	6.2	<	0.02		0.31		0.42				0.05		0.03
GA11-BHE007A/1016	GA11-BHE007A	6/02/2012	3.75	Arden Station	CIS	6.1	<	0.02		0.05		0.11			<	0.02	<	0.02
GA11-BHE007A/1020	GA11-BHE007A	6/02/2012	4.75	Arden Station	CIS	8.2	<	0.02		0.75		2.14				0.99		0.12
GA11-BHE008A/1010	GA11-BHE008A	6/02/2012	2.25	Arden Station	CIS	6.7	<	0.02		0.10		0.34				0.07		0.04
GA11-BHE008A/1015	GA11-BHE008A	6/02/2012	3.5	Arden Station	CIS	4.4		0.07		1.00		0.93		0.11	<	0.02	<	0.02
GA11-BHE008A/1019	GA11-BHE008A	6/02/2012	4.5	Arden Station	CIS	6.8	<	0.02		1.26		1.66				0.21		0.04
GA11-BHE009A/1003	GA11-BHE009A	6/02/2012	0.5	Arden Station	Fill	7.8	<	0.02	<	0.02	<	0.02			<	0.02	<	0.02
GA11-BHE009A/1010	GA11-BHE009A	6/02/2012	2.25	Arden Station	CIS	5.7		0.02		0.25		0.32				0.03		0.03
GA11-BHE009A/1016	GA11-BHE009A	6/02/2012	3.75	Arden Station	CIS	5.8	<	0.02		0.17		0.20			<	0.02	<	0.02
GA11-BHE009A/1019	GA11-BHE009A	6/02/2012	4.5	Arden Station	CIS	8	<	0.02		1.00		1.75				0.45		0.07
GA11-BHE010A/1002	GA11-BHE010A	6/02/2012	0.25	Arden Station	Fill	8.6	<	0.02	<	0.02	<	0.02				0.07		0.02
GA11-BHE010A/1014	GA11-BHE010A	6/02/2012	3.25	Arden Station	CIS	5.3	<	0.02	<	0.02		0.03			<	0.02	<	0.02
GA11-BHE010A/1018	GA11-BHE010A	6/02/2012	4.25	Arden Station	CIS	4.8		0.05		2.39		2.17			<	0.02		0.03
GA11-BHE010A/1020	GA11-BHE010A	6/02/2012	4.75	Arden Station	CIS	8.1	<	0.02		0.71		1.26				0.18		0.13
GA11-BHE011A/1008	GA11-BHE011A	6/02/2012	1.75	Arden Station	CIS	6.3	<	0.02	<	0.02		0.08			<	0.02	<	0.02
GA11-BHE011A/1011	GA11-BHE011A	6/02/2012	2.5	Arden Station	CIS	6.7	<	0.02	<	0.02	<	0.02			<	0.02		0.03
GA11-BHE011A/1016	GA11-BHE011A	6/02/2012	3.75	Arden Station	CIS	7	<	0.02		2.19		2.65				0.08		0.10

Notes:
s-TAA = Titratable Actual Acidity calculated as equivalent % pyrite S
s-TPA = Titratable Peroxide Acidity calculated as equivalent % pyrite S
SPOS = Peroxide oxidisable sulfur
s-SNAS = Net acid soluble Sulfur or 'jarositic' sulfur (SNAS) converted to equivalent % pyrite S for ABA (SNAS x 0.75)
s-CaA = Ca reacted with acid generated by peroxide digest in equiv. % pyrite S it will neutralise
s-MgA = Mg reacted with acid generated by peroxide digest in equiv. % pyrite S it will neutralise
Potential Acidity = SPOS (if > Limits of reporting)
Actual Acidity = s-TAA (if > Limits of reporting)
Retained Acidity = SNAS converted to equivalent % pyrite S for ABA purposes (SNAS x 0.75 if > Limits of reporting)
Measured ANC/FF = sum of (s-CaA and s-MgA) / Fineness Factor
Net Acidity = Potential Acidity + Actual Acidity + Retained Acidity - Measured ANC/FF

Table C3b - Summary of SPOCAS Results
(Soil Assessment)
(Assuming >1000 Tonne Excavation with 0.03%S Criteria)

Client AJMJV
Project Melbourne Metro Rail Project
Job Number 1525532-217-R-Rev2
Sample Date 2011 to 2013

Sample Number	Test Location	Sample Date	Depth (m BGL)	Assessment Area	Material Description	Acid Base Accounting					Action Criteria (%S)	Net Acidity Exceeds Acrtion Criteria	Is This AASS	Is This PASS
						Potential Acidity (%S)	Actual Acidity (%S)	Retained Acidity (%S)	Measured ANC/FF (%S)	Net Acidity (including ANC) (%S)				
BHE028A/2007	BHE028A	9/01/2012	1.5	Alexandra Gardens	Fill	0.00	0.04	0.00	0.00	0.04	0.03	YES	YES	No
BHE028A/2013	BHE028A	9/01/2012	3	Alexandra Gardens	CIS	1.51	0.08	0.08	0.00	1.67	0.03	YES	YES	YES
BHE028A/2015	BHE028A	9/01/2012	5.5	Alexandra Gardens	CIS	1.10	0.04	0.00	0.00	1.14	0.03	YES	YES	YES
BHE028A/2028	BHE028A	9/01/2012	8.75	Alexandra Gardens	CIS	0.00	0.00	0.00	0.00	0.00	0.03	No	No	No
BHE1A/2004	BHE1A	28/11/2011	2.75	Kensington Portal	Fill	0.03	0.00	0.00	0.00	0.03	0.03	No	No	No
BHE1A/2006	BHE1A	28/11/2011	3.25	Kensington Portal	CIS	0.80	0.00	0.00	0.17	0.63	0.03	YES	No	YES
BHE2A/2007	BHE2A	28/11/2011	2.5	Kensington Portal	Fill	0.19	0.00	0.00	0.65	-0.46	0.03	No	No	YES
BHE2A/2015	BHE2A	28/11/2011	4.5	Kensington Portal	CIS	1.01	0.00	0.00	0.25	0.76	0.03	YES	No	YES
BHE003A/2011	BHE003A	30/11/2011	2.5	Kensington Portal	CIS	0.00	0.14	0.09	0.00	0.23	0.03	YES	YES	No
BHE003A/2017	BHE003A	30/11/2011	4	Kensington Portal	CIS	0.39	0.00	0.00	0.97	-0.58	0.03	No	No	YES
GA11-BHE005A/1011	GA11-BHE005A	6/02/2012	2.5	Arden Station	CIS	0.24	0.00	0.00	0.00	0.24	0.03	YES	No	YES
GA11-BHE005A/1018	GA11-BHE005A	6/02/2012	4.25	Arden Station	CIS	2.07	0.00	0.00	0.80	1.27	0.03	YES	No	YES
GA11-BHE006A/1003	GA11-BHE006A	6/02/2012	1	Arden Station	Fill	0.04	0.17	0.73	0.00	0.94	0.03	YES	YES	YES
GA11-BHE006A/1010	GA11-BHE006A	6/02/2012	2.25	Arden Station	Fill	0.12	0.00	0.00	0.00	0.12	0.03	YES	No	YES
GA11-BHE006A/1015	GA11-BHE006A	6/02/2012	3.5	Arden Station	CIS	0.64	0.09	0.05	0.00	0.78	0.03	YES	YES	YES
GA11-BHE006A/1019	GA11-BHE006A	6/02/2012	4.5	Arden Station	CIS	1.68	0.08	0.00	0.00	1.76	0.03	YES	YES	YES
GA11-BHE007A/1003	GA11-BHE007A	6/02/2012	0.5	Arden Station	Fill	0.04	0.27	0.54	0.00	0.85	0.03	YES	YES	YES
GA11-BHE007A/1008	GA11-BHE007A	6/02/2012	1.75	Arden Station	Fill	0.42	0.00	0.00	0.00	0.42	0.03	YES	No	YES
GA11-BHE007A/1016	GA11-BHE007A	6/02/2012	3.75	Arden Station	CIS	0.11	0.00	0.00	0.00	0.11	0.03	YES	No	YES
GA11-BHE007A/1020	GA11-BHE007A	6/02/2012	4.75	Arden Station	CIS	2.14	0.00	0.00	0.74	1.40	0.03	YES	No	YES
GA11-BHE008A/1010	GA11-BHE008A	6/02/2012	2.25	Arden Station	CIS	0.34	0.00	0.00	0.07	0.27	0.03	YES	No	YES
GA11-BHE008A/1015	GA11-BHE008A	6/02/2012	3.5	Arden Station	CIS	0.93	0.07	0.11	0.00	1.11	0.03	YES	YES	YES
GA11-BHE008A/1019	GA11-BHE008A	6/02/2012	4.5	Arden Station	CIS	1.66	0.00	0.00	0.17	1.49	0.03	YES	No	YES
GA11-BHE009A/1003	GA11-BHE009A	6/02/2012	0.5	Arden Station	Fill	0.00	0.00	0.00	0.00	0.00	0.03	No	No	No
GA11-BHE009A/1010	GA11-BHE009A	6/02/2012	2.25	Arden Station	CIS	0.32	0.02	0.00	0.00	0.34	0.03	YES	No	YES
GA11-BHE009A/1016	GA11-BHE009A	6/02/2012	3.75	Arden Station	CIS	0.20	0.00	0.00	0.00	0.20	0.03	YES	No	YES
GA11-BHE009A/1019	GA11-BHE009A	6/02/2012	4.5	Arden Station	CIS	1.75	0.00	0.00	0.35	1.40	0.03	YES	No	YES
GA11-BHE010A/1002	GA11-BHE010A	6/02/2012	0.25	Arden Station	Fill	0.00	0.00	0.00	0.06	-0.06	0.03	No	No	No
GA11-BHE010A/1014	GA11-BHE010A	6/02/2012	3.25	Arden Station	CIS	0.03	0.00	0.00	0.00	0.03	0.03	No	No	No
GA11-BHE010A/1018	GA11-BHE010A	6/02/2012	4.25	Arden Station	CIS	2.17	0.05	0.00	0.00	2.22	0.03	YES	YES	YES
GA11-BHE010A/1020	GA11-BHE010A	6/02/2012	4.75	Arden Station	CIS	1.26	0.00	0.00	0.21	1.05	0.03	YES	No	YES
GA11-BHE011A/1008	GA11-BHE011A	6/02/2012	1.75	Arden Station	CIS	0.08	0.00	0.00	0.00	0.08	0.03	YES	No	YES
GA11-BHE011A/1011	GA11-BHE011A	6/02/2012	2.5	Arden Station	CIS	0.00	0.00	0.00	0.00	0.00	0.03	No	No	No
GA11-BHE011A/1016	GA11-BHE011A	6/02/2012	3.75	Arden Station	CIS	2.65	0.00	0.00	0.12	2.53	0.03	YES	No	YES

Notes:
s-TAA = Titratable Actual Acidity calculated as equivalent % pyrite S
s-TPA = Titratable Peroxide Acidity calculated as equivalent % pyrite S
SPOS = Peroxide oxidisable sulfur
s-SNAS = Net acid soluble Sulfur or 'jarositic' sulfur (SNAS) converted to equivalent % pyrite S for ABA (SNAS x 0.75)
s-CaA = Ca reacted with acid generated by peroxide digest in equiv. % pyrite S it will neutralise
s-MgA = Mg reacted with acid generated by peroxide digest in equiv. % pyrite S it will neutralise
Potential Acidity = SPOS (if > Limits of reporting)
Actual Acidity = s-TAA (if > Limits of reporting)
Retained Acidity = SNAS converted to equivalent % pyrite S for ABA purposes (SNAS x 0.75 if > Limits of reporting)
Measured ANC/FF = sum of (s-CaA and s-MgA) / Fineness Factor
Net Acidity = Potential Acidity + Actual Acidity + Retained Acidity - Measured ANC/FF

						NAPP	NAG	
						Net Acid Production Potential*	pH OX	Inferred Classifcation*
						kg H2SO4/t	pH Unit	
EQL						0.5	0.1	
Segment	**Location**	**Field_ID**	**Sample Depth**	**Inferred Weathering**	**Depth Category**			
Segment 12	GA15-BH008	GA15-BH008/2005	5-5.12	EW-HW	<24m	-2.7	7.1	NAF
Segment 12	GA15-BH009	GA15-BH009/2005	5.66-5.73	HW	<24m	-2.3	6.8	NAF
Segment 17	GA15-BH120	GA15-BH120/2002	7.8-7.93	MW-SW	<24m	-3.4	6.3	NAF
Segment 13	GA15-BH013	GA15-BH013/2004	10-	MW-SW	<24m	-3.6	6.7	NAF
Segment 13	GA15-BH017	GA15-BH017/2003	10-10.05	MW	<24m	13.8	3	PAF
Segment 12	GA15-BH011	GA15-BH011/2005	10-10.08	HW-MW	<24m	-4.4	6.5	NAF
Segment 11	GA15-BH007	GA15-BH007/2007	10-10.1	EW	<24m	-1.6	7	NAF
Segment 13	GA15-BH012	GA15-BH012/2003	10-10.12	MW	<24m	-3.0	7.3	NAF
Segment 12	GA15-BH009	GA15-BH009/2006	10.03-10.08	HW	<24m	-1.5	6.3	NAF
Segment 12	GA15-BH010	GA15-BH010/2005	10.31-10.38	MW	<24m	-3.4	7.1	NAF
Segment 12	GA15-BH008	GA15-BH008/2006	10.37-10.46	HW	<24m	-3.6	7.1	NAF
Segment 17	GA15-BH120	GA15-BH120/2004	11.85-12	SW	<24m	-3.9	6.2	NAF
Segment 17	GA15-BH121	GA15-BH121/2008	12-12.06	MW	<24m	-2.2	7	NAF
Segment 18	GA15-BH027	GA15-BH027/2012	12-12.4	EW	<24m	-2.2	7	NAF
Segment 18	GA15-BH028	GA15-BH028/2008	12.49-12.55	MW	<24m	-4.3	7.3	NAF
Segment 20	GA15-BH033	GA15-BH033/2014	12.5-12.55	EW-HW	<24m	-1.6	5.7	NAF
	MM1-BH018	-	14.00	MW	<24m	-6.1	-	NAF
Segment 18	GA15-BH028	GA15-BH028/2009	15-15.04	MW	<24m	-4.7	7.3	NAF
Segment 13	GA15-BH012	GA15-BH012/2004	15-15.08	MW-SW	<24m	-5.8	6	NAF
Segment 12	GA15-BH011	GA15-BH011/2006	15-15.1	HW-MW	<24m	-4.5	6.5	NAF
Segment 20	GA15-BH032	GA15-BH032/2010	15-15.1	EW-HW	<24m	-2.5	6.4	NAF
Segment 12	GA15-BH009	GA15-BH009/2007	15-15.12	EW	<24m	-1.9	5.8	NAF
Segment 11	GA15-BH007	GA15-BH007/2008	15.16-15.27	HW-MW	<24m	-2.5	7.6	NAF
Segment 18	GA15-BH027	GA15-BH027/2015	15.27-15.38	HW	<24m	-2.2	7.2	NAF
Segment 12	GA15-BH008	GA15-BH008/2007	15.4-15.49	MW	<24m	-3.7	7.1	NAF
Segment 12	GA15-BH010	GA15-BH010/2006	15.42-15.52	MW-SW	<24m	-3.7	6.4	NAF
Segment 20	GA15-BH031	GA15-BH031/2012	15.63-15.73	HW-MW	<24m	-4.4	7.1	NAF
Segment 17	GA15-BH120	GA15-BH120/2006	15.85-16	SW	<24m	-4.3	5.3	NAF
Segment 17	GA15-BH121	GA15-BH121/2009	16-16.07	MW	<24m	-2.5	6.5	NAF
Segment 20	GA15-BH030	GA15-BH030/2011	16.15-16.3	EW	<24m	-4.5	6.6	NAF
Segment 14	GA15-BH018	GA15-BH018/2003	17-17.04	MW	<24m	-5.5	7.3	NAF
Segment 20	GA15-BH033	GA15-BH033/2015	17-17.09	EW-HW	<24m	-4.7	6.5	NAF
Segment 14	GA15-BH019	GA15-BH019/2006	17.24-17.29	MW	<24m	-2.2	6.5	NAF
Segment 20	GA15-BH031	GA15-BH031/2013	17.27-17.32	EW-HW	<24m	-2.8	6.6	NAF
Segment 17	GA15-BH120	GA15-BH120/2007	17.85-18	SW	<24m	-3.4	6.4	NAF
Segment 14	MM1BH013	MM1-BH013/19.9-20.0	19.9-20	MW	<24m		7	NAF
Segment 18	GA15-BH028	GA15-BH028/2010	20-20.05	MW	<24m	-6.7	7.6	NAF
Segment 14	GA15-BH019	GA15-BH019/2008	20-20.06	MW	<24m	-2.0	7.1	NAF
Segment 14	GA15-BH018	GA15-BH018/2005	20-20.07	MW	<24m	-5.8	7.1	NAF
Segment 12	GA15-BH011	GA15-BH011/2007	20-20.08	HW-MW	<24m	-5.4	6.6	NAF
Segment 20	GA15-BH031	GA15-BH031/2014	20-20.08	HW-MW	<24m	-4.0	6.1	NAF
Segment 12	GA15-BH009	GA15-BH009/2008	20-20.09	EW-HW	<24m	-2.1	6.1	NAF
Segment 20	GA15-BH032	GA15-BH032/2011	20-20.1	EW-HW	<24m	-5.0	6.7	NAF
Segment 14	GA15-BH112	GA15-BH112/2006	20-20.1	SW	<24m	-17.1	9.4	NAF
	GA15-BH111	GA15-BH111/2001	20-20.11	MW-SW	<24m	-4.5	6.5	NAF
Segment 11	GA15-BH007	GA15-BH007/2009	20-20.12	HW-MW	<24m	-5.8	7.8	NAF
Segment 12	GA15-BH010	GA15-BH010/2007	20.09-20.21	MW-SW	<24m	-5.3	6	NAF
Segment 17	GA15-BH120	GA15-BH120/2008	20.13-20.25	SW	<24m	-5.6	6.2	NAF
Segment 18	GA15-BH027	GA15-BH027/2018	20.2-20.26	MW	<24m	-1.8	7	NAF
Segment 13	GA15-BH012	GA15-BH012/2005	20.55-20.63	MW-SW	<24m	-4.6	6.6	NAF
Segment 14	MM1BH013	MM1-BH013/20.8-20.85	20.8-20.85	MW	<24m		7	NAF
	MM1-BH007	-	21.00	MW	<24m	-7.6		NAF
Segment 20	GA15-BH030	GA15-BH030/2012	21-21.1	HW	<24m	-4.7	6.1	NAF
Segment 20	GA15-BH033	GA15-BH033/2016	22-22.1	SW	<24m	-11.2	6.9	NAF
Segment 14	GA15-BH019	GA15-BH019/2010	22.09-22	MW-SW	<24m	-2.0	6.5	NAF

						NAPP	NAG	
						Net Acid Production Potential*	pH OX	Inferred Classifcation*
						kg H2SO4/t	pH Unit	
EQL						0.5	0.1	
Segment	**Location**	**Field_ID**	**Sample Depth**	**Inferred Weathering**	**Depth Category**			
Segment 12	GA15-BH008	GA15-BH008/2005	5-5.12	EW-HW	<24m	-2.7	7.1	NAF
Segment 14	MM1BH013	MM1-BH013/22.4-22.45	22.4-22.45	MW	<24m		7.2	NAF
Segment 14	GA15-BH018	GA15-BH018/2007	22.4-22.48	MW-SW	<24m	-7.4	6.8	NAF
Segment 17	GA15-BH120	GA15-BH120/2010	24-24.13	SW-FR	>24m	8.0	2.9	PAF
Segment 14	MM1BH013	MM1-BH013/24.3-24.35	24.3-24.35	MW	>24m		7.1	NAF
Segment 20	GA15-BH029	GA15-BH029/2011	24.76-24.85	HW-MW	>24m	-1.3	7	NAF
Segment 05	GA15-BH002	GA15-BH002/2008	24.93-25	EW-HW	>24m	-2.7	6.6	NAF
	MM1-Bh008	-	25.00	HW	>24m	-3.6		NAF
	MM10BH013	-	25.00	MW	>24m	12.8		PAF
Segment 14	GA15-BH019	GA15-BH019/2011	25-25.04	MW-SW	>24m	-2.5	6.6	NAF
Segment 13	GA15-BH012	GA15-BH012/2006	25-25.05	SW	>24m	-6.0	6.4	NAF
Segment 18	GA15-BH028	GA15-BH028/2011	25-25.06	MW	>24m	-6.8	7.4	NAF
Segment 20	GA15-BH032	GA15-BH032/2012	25-25.1	MW	>24m	2.3	3.4	PAF
Segment 11	MM1BH010	MM1-BH010/25.0-25.1	25-25.1	SW	>24m		7.2	NAF
Segment 20	GA15-BH031	GA15-BH031/2015	25.1-25.19	EW-HW	>24m	-4.4	6	NAF
Segment 12	GA15-BH008	GA15-BH008/2008	25.25-25.34	MW-SW	>24m	-7.2	7.6	NAF
Segment 14	GA15-BH018	GA15-BH018/2008	25.28-25.33	SW	>24m	1.5	3.1	PAF
Segment 12	GA15-BH010	GA15-BH010/2008	25.4-25.48	SW-FR	>24m	9.1	3	PAF
Segment 18	GA15-BH027	GA15-BH027/2019	25.87-25.96	MW	>24m	-4.4	7	NAF
Segment 11	MM1BH010	MM1-BH010/25.9-26.0	25.9-26	SW	>24m		3.2	PAF
Segment 05	GA15-BH003	GA15-BH003/2020	26-26.05	MW	>24m	59.0	2.5	PAF
Segment 20	GA15-BH030	GA15-BH030/2013	26-26.1	MW-SW	>24m	-8.7	6.2	NAF
Segment 05	GA15-BH002	GA15-BH002/2009	26.11-26.28	HW-MW	>24m	11.4	2.7	PAF
Segment 08	MM1BH006	MM1-BH006/26.4-26.5	26.4-26.5	MW	>24m		3.1	PAF
Segment 14	GA15-BH112	GA15-BH112/2007	26.88-27	SW	>24m	-10.5	8.2	NAF
Segment 05	GA15-BH001	GA15-BH001/2013	26.9-27	HW-MW	>24m	-2.4	7	NAF
Segment 08	MM1BH006	MM1-BH006/27.2-27.3	27.2-27.3	SW	>24m		3	PAF
Segment 14	GA15-BH019	GA15-BH019/2012	27.5-27.55	SW	>24m	4.4	5.6	UC
Segment 11	MM1BH010	MM1-BH010/27.6-27.65	27.6-27.65	SW	>24m		7.4	NAF
Segment 14	GA15-BH018	GA15-BH018/2009	27.62-27.69	SW	>24m	6.0	2.8	PAF
Segment 05	GA15-BH001	GA15-BH001/2009	27.9-28	MW	>24m	11.4	2.7	PAF
Segment 08	MM1BH006	MM1-BH006/27.9-28	27.9-28	SW	>24m		2.5	PAF
Segment 05	GA15-BH002	GA15-BH002/2010	27.94-28	MW	>24m	11.5	2.7	PAF
Segment 05	GA15-BH003	GA15-BH003/2022	28-28.06	MW-SW	>24m	24.9	3.6	PAF
Segment 20	GA15-BH033	GA15-BH033/2017	28-28.1	MW-SW	>24m	-6.8	4.7	NAF
Segment 08	MM1BH006	MM1-BH006/29.4-29.5	29.4-29.5	Fr	>24m		3.1	PAF
Segment 20	GA15-BH029	GA15-BH029/2012	29.52-29.58	SW	>24m	-3.6	4.2	UC
Segment 05	GA15-BH001	GA15-BH001/2010	29.86-30	MW	>24m	7.9	3	PAF
Segment 11	MM1BH010	MM1-BH010/29.9-30	29.9-30	SW	>24m		8.1	NAF
	MM1-BH006	-	30.00	Fr	>24m	7.6		NAF
Segment 18	GA15-BH027	GA15-BH027/2020	30-30.05	MW-SW	>24m	-4.5	7.1	NAF
Segment 05	GA15-BH003	GA15-BH003/2024	30-30.06	SW	>24m	12.8	2.8	PAF
Segment 18	GA15-BH028	GA15-BH028/2012	30-30.06	MW	>24m	-5.1	6.9	NAF
Segment 13	GA15-BH012	GA15-BH012/2007	30-30.08	FR	>24m	-6.3	7.3	NAF
Segment 20	GA15-BH032	GA15-BH032/2013	30-30.08	EW-HW	>24m	8.6	3.2	PAF
Segment 05	GA15-BH002	GA15-BH002/2011	30-30.12	MW-SW	>24m	9.0	2.8	PAF
Segment 08	MM1BH006	MM1-BH006/30.3-30.4	30.3-30.4	Fr	>24m		3	PAF
Segment 12	GA15-BH010	GA15-BH010/2009	30.36-30.43	SW-FR	>24m	19.0	2.6	PAF
Segment 05	GA15-BH003	GA15-BH003/2025	31-31.05	SW-FR	>24m	11.4	2.8	PAF
Segment 20	GA15-BH030	GA15-BH030/2014	31-31.13	SW	>24m	-1.5	3.6	UC
Segment 11	MM1BH010	MM1-BH010/31.25-31.3	31.25-31.3	SW	>24m		6.9	NAF
Segment 08	MM1BH006	MM1-BH006/31.6-31.7	31.6-31.7	Fr	>24m		2.6	PAF
Segment 12	GA15-BH011	GA15-BH011/2008	32-32.06	HW-MW	>24m	1.1	3.4	PAF
0	GA15-BH111	GA15-BH111/2002	32-32.08	SW	>24m	-21.1	9.3	NAF
Segment 05	GA15-BH001	GA15-BH001/2011	32-32.2	SW	>24m	3.0	3.6	PAF

						NAPP	NAG	
						Net Acid Production Potential*	pH OX	Inferred Classifcation*
						kg H2SO4/t	pH Unit	
EQL						0.5	0.1	
Segment	**Location**	**Field_ID**	**Sample Depth**	**Inferred Weathering**	**Depth Category**			
Segment 12	GA15-BH008	GA15-BH008/2005	5-5.12	EW-HW	<24m	-2.7	7.1	NAF
Segment 05	GA15-BH003	GA15-BH003/2026	33-33.05	FR	>24m	1.8	3.2	PAF
Segment 05	GA15-BH001	GA15-BH001/2012	33.94-34	SW	>24m	4.9	3.2	PAF
	MM1-BH009	-	35.00	MW	>24m	1.0		PAF
	MM10BH010	-	35.00	Fr	>24m	12.0		PAF
Segment 12	GA15-BH010	GA15-BH010/2010	35.08-35.15	SW-FR	>24m	7.1	3	PAF
Segment 20	GA15-BH029	GA15-BH029/2013	35.25-35.33	SW	>24m	9.3	2.9	PAF
Segment 13	GA15-BH012	GA15-BH012/2008	35.3-35.34	FR	>24m	11.9	2.6	PAF
	MM1-BH011	-	38.00	Fr	>24m	14.0		PAF
Segment 20	GA15-BH029	GA15-BH029/2014	39-39.1	SW-FR	>24m	177.0	2	PAF
Segment 13	GA15-BH012	GA15-BH012/2009	40.13-40.18	FR	>24m	-5.4	3.6	UC
Segment 12	GA15-BH010	GA15-BH010/2011	40.13-40.2	FR	>24m	18.4	2.6	PAF
Segment 12	GA15-BH011	GA15-BH011/2009	46.52-46.59	SW-Fr	>24m	0.8	3.3	PAF
Segment 12	GA15-BH011	GA15-BH011/2010	51.27-51.34	SW-Fr	>24m	-5.1	4.4	UC
	MM1-BH017	-	70.00	Fr	>24m	-29.2		NAF
Segment 01	GA11-BH001	BH001A/1008	33.50	HW-MW	>24m	-5.3		NAF
Segment 01	GA11-BH001	BH001A/1009	33.80	HW-MW	>24m	-4.4		NAF
Segment 01	GA11-BH001	BH001A/1010	34.85	HW-MW	>24m	61.8		PAF
Segment 01	GA11-BH001	BH001A/1011	35.95	HW-MW	>24m	70.3		PAF
Segment 01	GA11-BH031	BH031/1001	34.10	HW-MW	>24m	-1.8		NAF
Segment 01	GA11-BH031	BH031/1002	35.20	HW-MW	>24m	4.4		PAF
Segment 01	GA11-BH031	BH031/1003	36.00	MW-SW	>24m	1.7		PAF
Segment 01	GA11-BH031	BH031/1004	37.20	MW-SW	>24m	9.1		PAF

Notes: *Where Acid generation potential was determined using CrS or SPOCAS, the net acidity has been converted to kg H2SO4/t and presented as Net Acid Production Potential
Where only NAPP or NAG has been assessed the Classification has been based on the single result only.
Data outside the MMRP segments has been included for the purpose of improving our understanding of spatial variability within the Melbourne Formation

APPENDIX D

'Interim' Acid Sulfate Rock Kinetic Leach Assessment

D1.0 INTRODUCTION

Golder Associates Pty Ltd (Golder) was requested by Aurecon-Jacobs-Mott MacDonald Joint Venture (AJM JV) to assess the potential risks arising from the disturbance of Acid Sulfate Rock (ASR) during the development of the Melbourne Metro Rail Project (Melbourne Metro) Concept Design.

It is understood that construction of the Melbourne Metro is proposed to involve the tunnelling and and/or dewatering of rock materials. Golder has previously identified the presence of ASR within the fresh to moderately weathered Melbourne Formation (Silurian Siltstone) in the Melbourne Metro alignment.

Golder has commenced a Kinetic Leach Assessment (KLA) involving static and kinetic testing to better understand requirements for the offsite disposal and management of rock spoil classifying as ASR. Static testing is undertaken to assess the chemical composition of the rock matrix, whilst the kinetic leach testing is undertaken to assess the results over time, to estimate the rate of change under simulated field conditions.

The KLA methodology proposed for this Melbourne Metro involves 10 months of testing and evaluation; however, given the timing of the Melbourne Metro Concept Design reporting requirements, this interim report has been prepared to present a summary of the findings from the first three (3) months of the study.

D1.1 Objectives

The objectives of the KLA:

- Characterise the acid-forming potential of rock samples from the slightly weathered and fresh Melbourne Formation.
- Gain an understanding of the timing and extent of acid generation and release of soluble metals following ASR oxidation.
- Use the test results to assess the potential long term risk posed by the untreated ASR.

This study is intended to inform the ASR mitigation management for the construction and operation of the Melbourne Metro.

D1.2 Scope

The scope of the KLA:

- Task 1: Selection of material for the KLA.
- Task 2: Chemical and mineral characterisation of selected rock samples (static testing).
- Task 3: Leaching of selected material and analysis of leachate (kinetic testing).

This interim report discusses the findings of the first 3 months (10 leach events) of the KLA.

D1.3 Background

D1.3.1 Definition and Legislation

Acid Sulfate Soil (ASS) are soils sediments or rock that contains elevated concentrations of metal sulphides (particularly pyrite – FeS_2), in excess of the EPA action criteria. For the purpose of simplicity, where rock contains elevated concentrations of metal sulfides this has been referred to as Acid Sulfate Rock (ASR).

The EPA action criteria for ASS depend on the texture and volume of the material, however where the proposed development involves the disturbance of greater than 1000 tonnes of potential acid generating material; the criterion of 0.03 %S oxidisable sulfur applies, regardless of texture.

Table D1: Victorian EPA - WASS Action Levels

Description	Net Acidity Action Levels (volumes >1000 tonnes)	
	(%S)	Mole H^+/tonne
Soil, Sediment and Weak Rock	≥ ***0.03***	≥ ***18***

Note: The %S should be determined using the Net Acidity calculation from either the Chromium Reducible Sulfur (S_{CR}) suite method or the Suspension Peroxide Oxidation Combined Acidity and Sulfate (SPOCAS) method outlined in the Standards Australia Series AS 4969 (2008/9) Analysis of Acid Sulfate Soil.

Waste acid sulfate soil and rock (WASS) must be managed in accordance with statutory requirements. The EPA specifies that WASS (i.e. definition includes soil, sediments and/or rock) is only to be disposed of in accordance with an EPA approved Environment Improvement Plan (EIP) or Licence (EPA, 2009).

The classification of acid sulfate rock is based on the results of Net acid generation (NAG) and Net Acid Production Potential (NAPP) analytical tests. The classification criteria are summarised in Table D2.

Table D2: Criteria for classification of Acid Sulfate Rock

Final NAG pH	NAPP (Kg H_2SO_4)/tonne)	Classification
<4.5	Positive	Potentially Acid Forming
>4.5	Negative	Non-acid Forming

1. *Final net acid generation (NAG), pH, NAG value and NAPP calculations are to be determined by the methods given in Miller et al. (1997) and USEPA Method EPA-600/2-78-054.*

The NAG method provides a direct measure of the acid potential of sulfidic rock using:

- Final NAG pH — this is the pH of a slurry of the sample that has been oxidised; and
- NAPP value — this is the measure of acidity after oxidation of the sample (in kg H_2SO_4/tonne of rock).

The NAPP method uses two tests to derive the NAPP value. It is similar to acid base accounting (ABA) and uses:

- Acid neutralising capacity (ANC) — which is a direct measure of the amount of acid the sample can neutralise and is expressed in kilograms of sulfuric acid per tonne of rock.
- Maximum potential acidity (MPA) — which is calculated from the total amount of sulfur in a sample and is an estimate of the maximum acidity a rock can generate.

The MPA is determined by the sample sulphur content (measured using the Leco method), (AMIRA, 2002). The calculation assumes that the measured sulfur occurs as pyrite (FeS_2) and that the pyrite reacts under oxidising conditions to generate acidity.

Where the final NAG pH is less than 4.5 pH units but the NAPP is negative, or when the final NAG pH is greater than 4.5 pH unit and the NAPP is positive it is considered uncertain if the rock would generate acidity.

D2.0 METHODOLOGY

There is currently no standard procedure in Victoria for assessing the long-term risk of leaching from ASR spoil generated from tunnel boring and cavern construction works. In the absence of specific procedures, Golder has utilised existing procedures that have been developed for the mining industry for the assessment of acid forming potential of mine waste rock, as described within Appendix F of the AMIRA International ARD Test Handbook (2002). The AMIRA method is considered an accelerated weathering protocol but the handbook does not provide guidance on the projection of real-time field rates. No real-time ARD leaching projections have been made at this point.

Modifications from the AMIRA method (AMIRA 2002) to timing and quantity of leachant used were made to allow for increased assessment of leachant variability over the initial few months of the experiment; 1 litre of

leachant was applied and collected initially weekly for the first month, then fortnightly, rather than 1.4L leachant assessed monthly.

The samples used within the column experiment are summarised below.

Sample locations were selected based on static test results obtained from previous investigations. The material used within the column experiments were from two locations and targeted the Fresh (Fr) and Slightly Weathered (SW) material;

- MM1-BH006, located between Arden and Parkville
- MM1-BH010, located between Parkville and CBD North station

Material was crushed at the Golder Geotechnical laboratory to create samples of varying particle size. Three duplicate samples were also selected to assess sample heterogeneity. The column experiment samples are summarised in Table D3.

Table D3 : Summary of Column Samples

Core Section	Sample ID (Column Number)	Bore ID/Sample Depth	Particle Size	Inferred Weathering
A	C01	MM1-BH006/27.3-30.6	Mixed (0-4mm)	SW and Fr
A	C02	MM1-BH006/27.3-30.6	Coarse (2mm to 4mm)	SW and Fr
B	C03	MM1-BH006/31.6-36.6	Mixed (0-4mm)	Fr
B	C04	MM1-BH006/31.6-36.6	Fines (<0.45mm)	Fr
C	C05	MM1-BH010/25.35-33	Mixed (0-4mm)	SW
C	C06	MM1-BH010/25.35-33	Fines (<0.45mm)	SW
A	C07	MM1-BH006/27.3-30.6	Duplicate of C01 Mixed (0-4mm)	SW and Fr
B	C08	MM1-BH006/31.6-36.6	Duplicate of C03 Mixed (0-4mm)	Fr
C	C09	MM1-BH010/25.35-33	Duplicate of C05 Mixed (0-4mm)	SW

Within this report the results will be described with regard to the weathering profile of the material (i.e. C01 and C02 referred to as SW/Fr material, C03 and C04 referred to as Fr material, C05 and C06 SW material).

The weathering profiles were determined as follows:

- Fresh (Fr) refers to rock which shows no sign of decomposition or staining; and
- Slightly weathered (SW) refers to rock which is slightly discoloured but shows little or no change of strength relative to fresh rock.

It is noted that as only one core section from each weathering section has been assessed these results may not be relevant to all material of similar weathered conditions.

Leach columns were established in June 2015. This report includes results from the first 10 leach events, with the 10th leach event completed on 22 September 2015. A photo of the kinetic column set up is presented below.

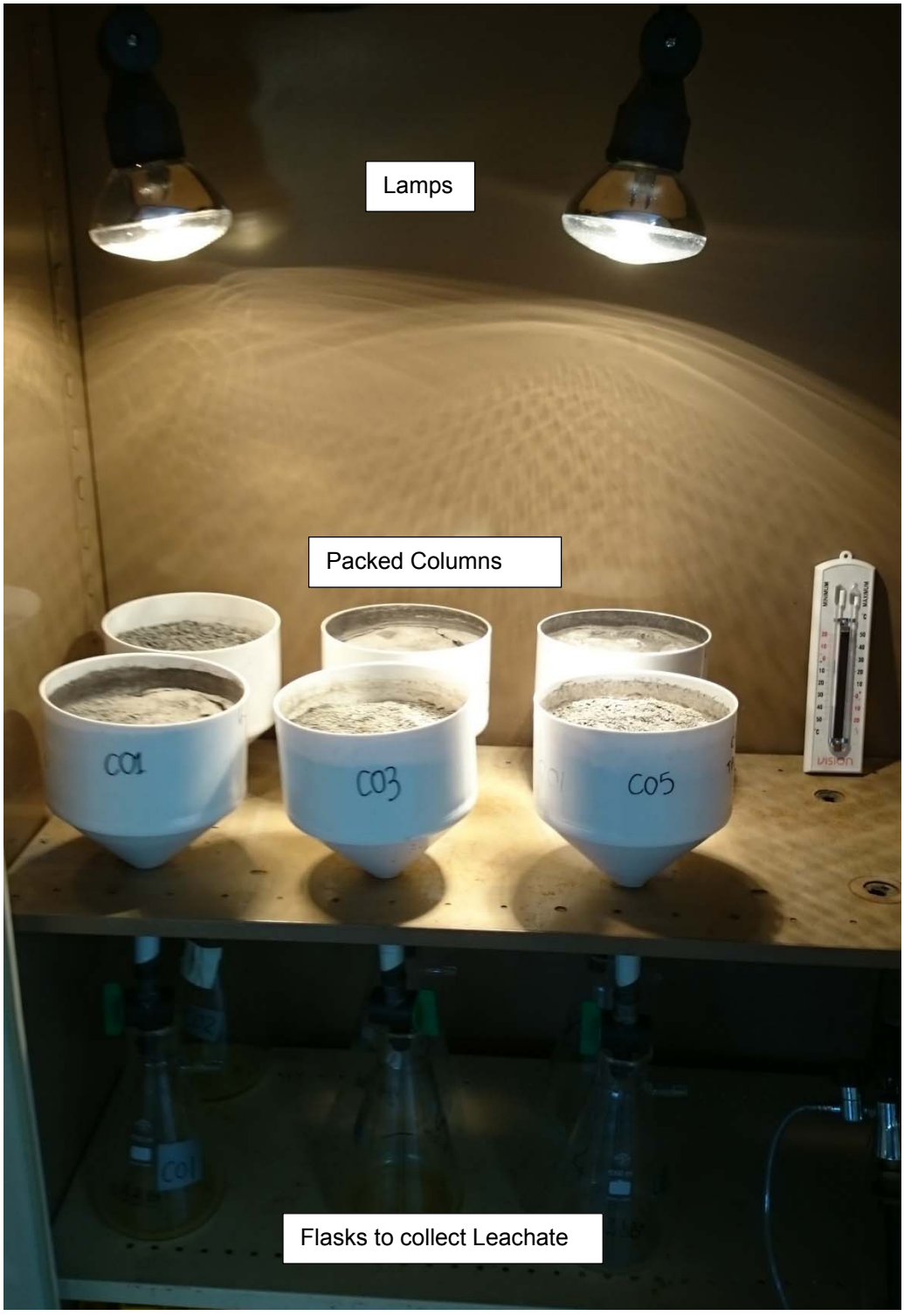


Photo D1: Schematic diagram of kinetic leach column set-up

D3.0 STATIC TEST RESULTS

This section provides a summary of the key results for the static acid base accounting and chemical analysis of crushed rock samples.

D3.1.1 Particle size distribution

In order to simulate materials potentially generated during tunneling works, samples were crushed to < 4 mm. The particle size distribution for each column is provided in Figure D2 below.

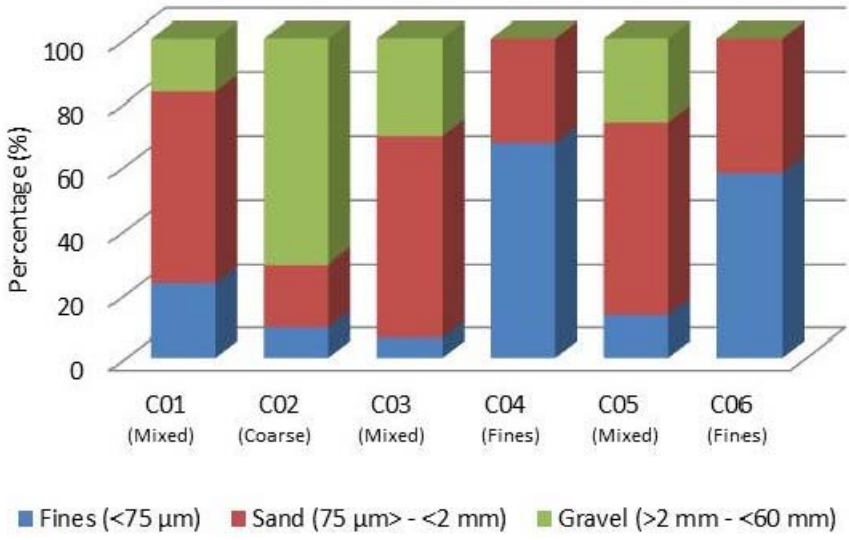


Figure D2: Particle Size Distribution

D3.1.2 Mineral phase concentrations

Subsamples of the crushed rock were sent to Queensland University of Technology Institute for Future Environments for x-ray diffraction (XRD) analysis. In general the mineral phase concentrations between the bore locations and depths varied slightly; a summary of the phase analysis for the two borehole locations and three different weathering fractions is provided below in Table D4.

Pyrite concentrations ranged from 0.5 to 0.75 weight %, with the highest pyrite within the slightly weathered material. The mineral concentrations for each column are provided in Table D1 (Appendix D1).

Table D4: Mineral Phase Composition Summary (nominal wt %)

Phase Concentrations (nominal wt %)	MMB01-006 Fr		MMB01-006 SW/Fr		MMB01-010 SW	
	Mean	Range	Mean	Range	Mean	Range
Quartz	38.465	38.01 - 38.92	36.1	35.94 - 36.26	38.0	37.64 - 38.37
Rutile	1.045	0.99 - 1.1	1.105	1.08 - 1.13	0.81	0.73 - 0.89
Pyrite	**0.655**	**0.59 - 0.72**	**0.505**	**0.5 - 0.51**	**0.745**	**0.74 - 0.75**
Plagioclase (Albite)	2.525	2.33 - 2.72	4.165	4.11 - 4.22	5.5	5.37 - 5.63
Chlorite lib	8.6	8.41 - 8.79	8.205	8.09 - 8.32	8.07	8.06 - 8.08
Muscovite (2M1)	22.055	21.98 - 22.13	21.585	20.45 - 22.72	20.2	19.8 - 20.63
Non-diffracting/ unidentified	18.495	18.03 - 18.96	20.385	19.26 - 21.51	18.51	17.6 - 19.42

D3.2 Geochemical Testing

The materials used to set up the kinetic columns were based on the weathering profiles (for MM1-BH006 and MM1-BH010) at which the NAG results indicated greatest potential to generate acidity. Sequential NAG Test results indicated that the Fr and SW/Fr material from MM1-BH006, and the SW material from MM1-BH010 had the potential to generate acidity (NAG pH below 4.5 pH units).

The results of the chemical characterization of column samples are summarised below:

- The pH (1:2 solid:water) results varied significantly between Fr and SW materials. The Fr and SW/Fr material samples ranged from 4.3 - 4.8 pH units and the SW material samples ranged from 8.1 – 8.2 pH units (refer to Figure D3).
- The EC (1:2 solid:water) results also varied significantly between the materials tested. The Fr and SW/Fr samples ranged from 1200 - 1450 µS/cm and SW samples ranged from 725 - 784 µS/cm (refer to Figure D3).
- The CEC results for Fr and SW/Fr samples ranged from 2.1 – 3.0 meq/100g and from 8.8 – 10.9 meq/100g for SW materials.

The net acid generation risk of each sample was estimated using Acid-Base Accounting (ABA). The ABA equation is:

Net Acidity (NA) = Potential Sulfidic Acidity (CrS) + Existing Acidity (Actual Acidity (TAA)) + Retained Acidity (S_{NAS}))* – Acid Neutralising Capacity (ANC)

* Retained acidity is the acidity stored in largely insoluble compounds such as jarosite that tend not to be measured in the KCl and peroxide extractions. Actual Acidity + Retained Acidity is called Existing Acidity.

Data to use in the ABA equation was provided by the Chromium Reducible Sulfur (CrS) suite analysis method. The initial step in the CrS suite is to determine pH_{KCl}. If pH_{KCl} is ≥6.5 pH units then the Titratable Actual Acidity (TAA) is zero. The CrS Suite and net acidity results are summarised below.

- The potential sulfidic acidity (CrS) results showed little variation between locations, ranging from 0.31 to 0.42 %S, indicating that the KLA samples tested have the potential to generate acidity (refer to Figure D3).
- The titratable actual acidity (TAA) test results for all samples were less than 0.03 %S indicating that these materials are not considered to contain Actual Acidity (i.e. prior to oxidation the material is not acidic).The SW material of C05 and C06 had capacity to neutralize potential acidity (Acid Neutralizing capacity of 2.32 to 2.42 % $CaCO_3$), resulting in a negative net acidity.
- The ‘net acidity’ values varied significantly between materials;
  - Fr and SW/Fr materials ranged from 0.32 - 0.42 % S (10 fold the action criteria 0.03% S) while the
  - SW materials had net acidity <0.02%S (refer to Figure D3).
  - The Fr and SW/Fr materials (from BH006) varied slightly with Fr material producing more sulfidic acidity and slightly higher net acidity value.

In general the geochemical parameters tested were comparable between crushed fractions for the same location (i.e. mixed verses fines or mixed verses coarse).

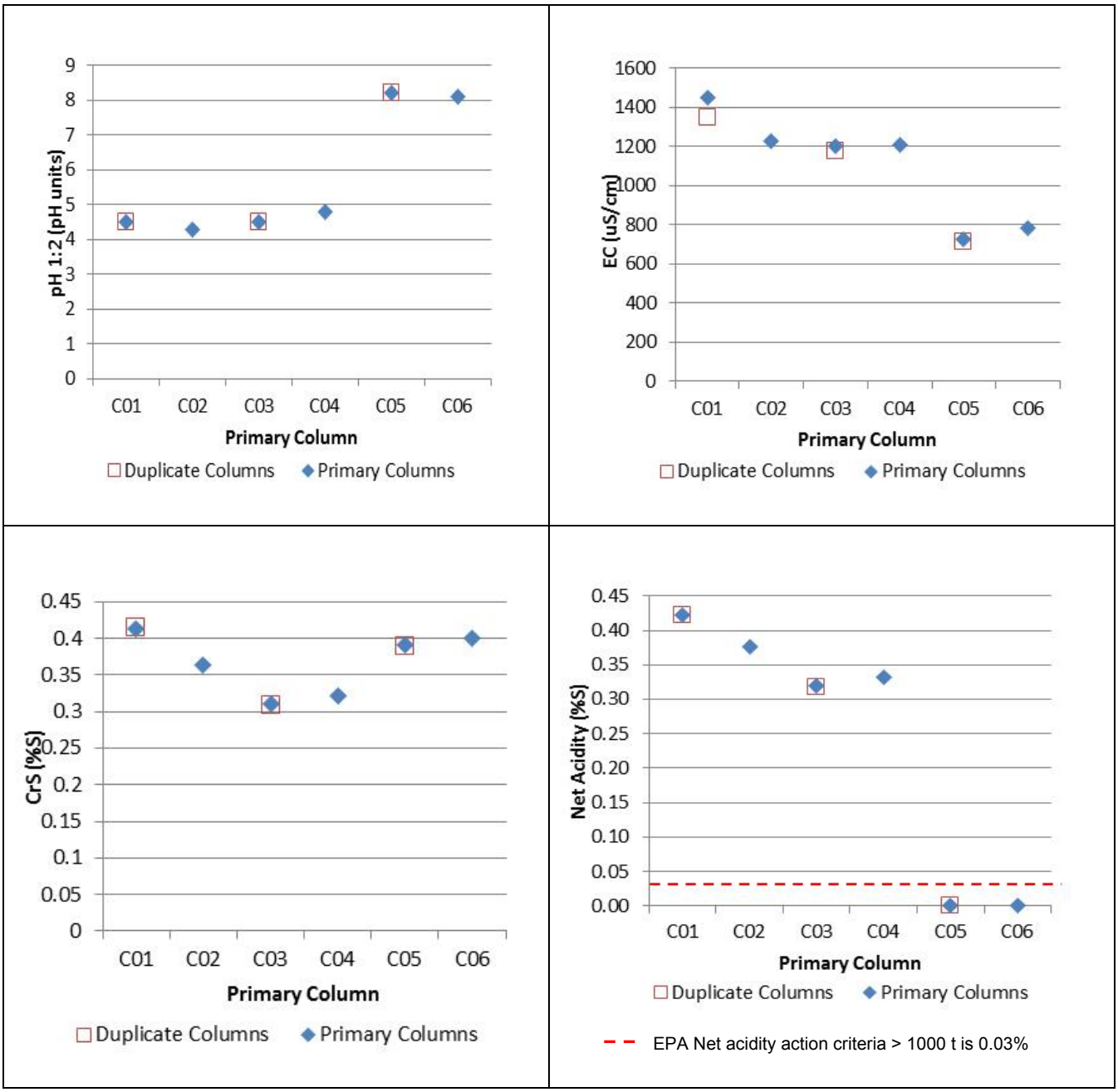


Figure D3: Static chemistry results, (i.) pH, (ii) EC, (iii), Chromium reducible Sulfur & (iv) Net Acidity.

D3.3 Geochemical Composition

In general, the samples showed little variability in metal and organic carbon composition.

For the purpose of gaining an understanding of potential off-site disposal options for the material the results have been compared against the Industrial Waste resources Guidelines for waste categorisation (EPA 2009b)

Exceedances of the IWRG guidelines are described below:

- The duplicate columns (C07, C08, C09) exceeded Fill Material criteria for fluoride. The fluoride concentrations within the column samples are comparable to fluoride concentrations reported within other natural samples from the Melbourne Formation, within the Melbourne Metro alignment (). Fluoride enrichment is likely associated with associated with geogenic enrichment (not a results of anthropogenic impacts); and
- C01, C04, C06 and C07 had cadmium levels in exceedance of IWRG Fill Material. Refer to Section D5.1.

- Total sulfur (as S) content was comparable for all samples however the calcium-phosphate soluble sulfate (SO_4^{-2}) concentrations showed larger variation between materials tested. The SO_4^{-2} ranged:
  - 1060 – 1690 mg/kg for the Fr and SW/Fr material results; and
  - 420 – 580 mg/kg for the SW materials.
- Anion/cation concentrations for calcium, chloride and magnesium were generally elevated in the Fr and SW/Fr materials in comparison to the SW materials while the opposite for sodium.

D4.0 KINETIC LEACH TEST RESULTS

Kinetic leach column data obtained from these investigations are presented in Appendix D2. The results of the first 10 leach events, for elements and parameters which are considered to be key indicators of acid generation and pyrite oxidation are summarised in the following sections.

Results are discussed with regard to the Primary samples.

D4.1 Field Parameters

The results for in-house determined field parameters pH, EC, redox and dissolved oxygen (DO) are provided in Table B1 (Appendix D2) and are summarised below:

- **pH results for SW/Fr and Fr materials (C01-C04):** the initial pH of leachate was acidic. The pH of leachate then appeared to slightly recover, followed by a continuing trend in decreasing pH following leach event 5, with pH results decreasing to 4 pH units or below following Leach event 7. The minimum pH of leachate (3 pH units) was reported at C03 during the last reported leach event (Leach 10).
- **pH results for SW materials (columns C05 and C06):** the pH within leachate from SW material has remained circum-neutral to slightly acidic during the 10 leach events.
- **Electrical Conductivity:** The EC of sample leachate for all columns generally decreased over the first 5 leach events. However, the EC results for SW/Fr and Fr materials (C01 to C04) have been increasing again following Leach 8 (refer to Figure D4).
- **Redox:** The redox potential for leachate samples from SW/Fr and Fr materials (columns C01 to C04) were higher than those observed from SW materials (columns C05 and C06). The leachate results (for all columns) overall show an increasing trend in redox potential (mV) with a spike in redox potential following leach event 8 or 9. The spike events have occurred in Fr and SW materials (only in the duplicate SW sample) and only in the columns with “mixed” particle size distributions (refer to Figure D4).

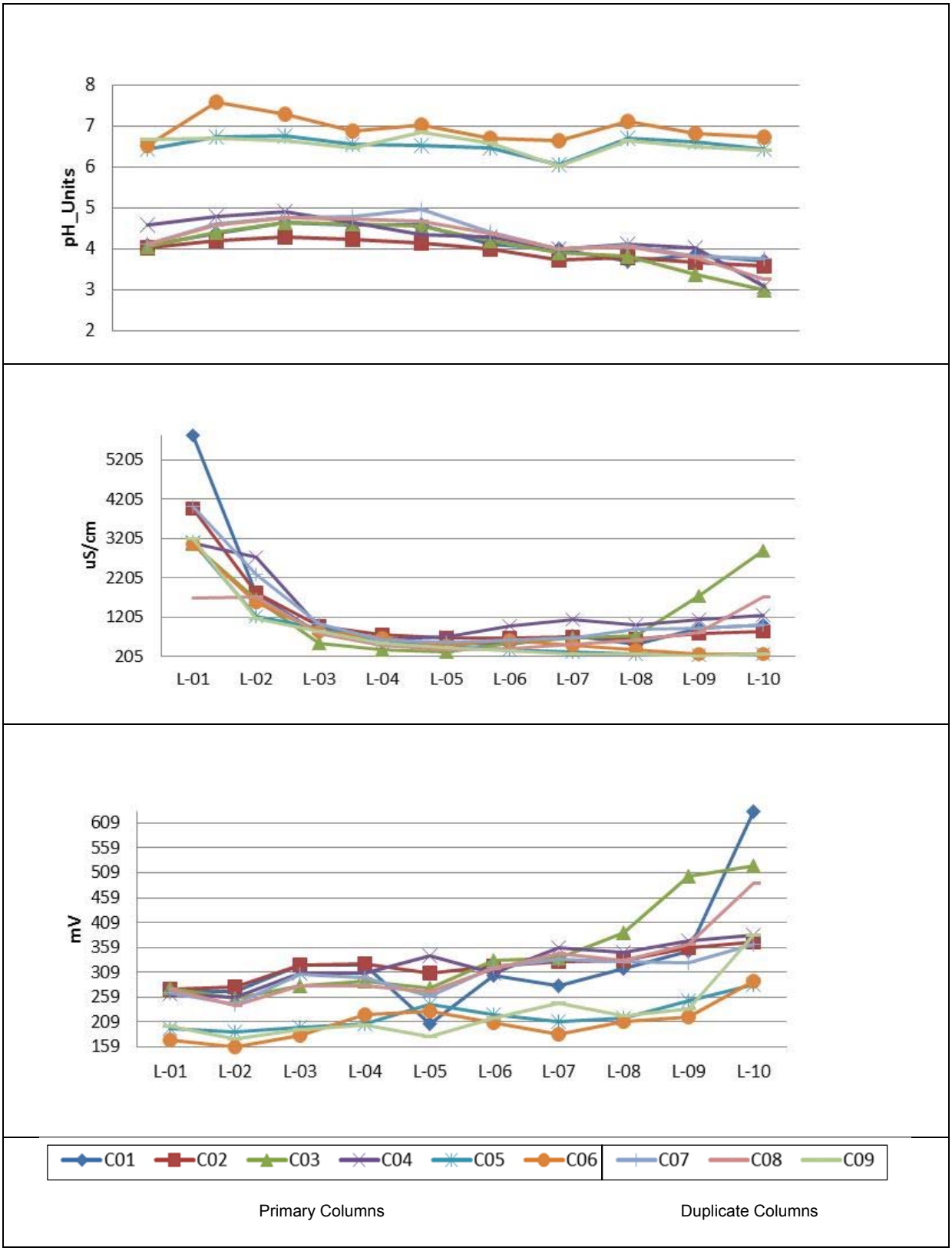


Figure D4: Kinetic Field Results, (i) pH, (ii) EC, (iii), Redox Potential.

D4.2 Sulfate

Sulfate concentrations have generally decreased over the leaching period, and appear to be stabilising for all materials except the Fr materials in C03 (and its duplicate C8), which is increasing, following leach event 8. Reported sulfate concentrations for each leach event are provided in Table B1 (Appendix D2), refer to Figure D5 for a summary of sulfate concentrations detected in leachate and the cumulative sulfate generated per kg of column material.

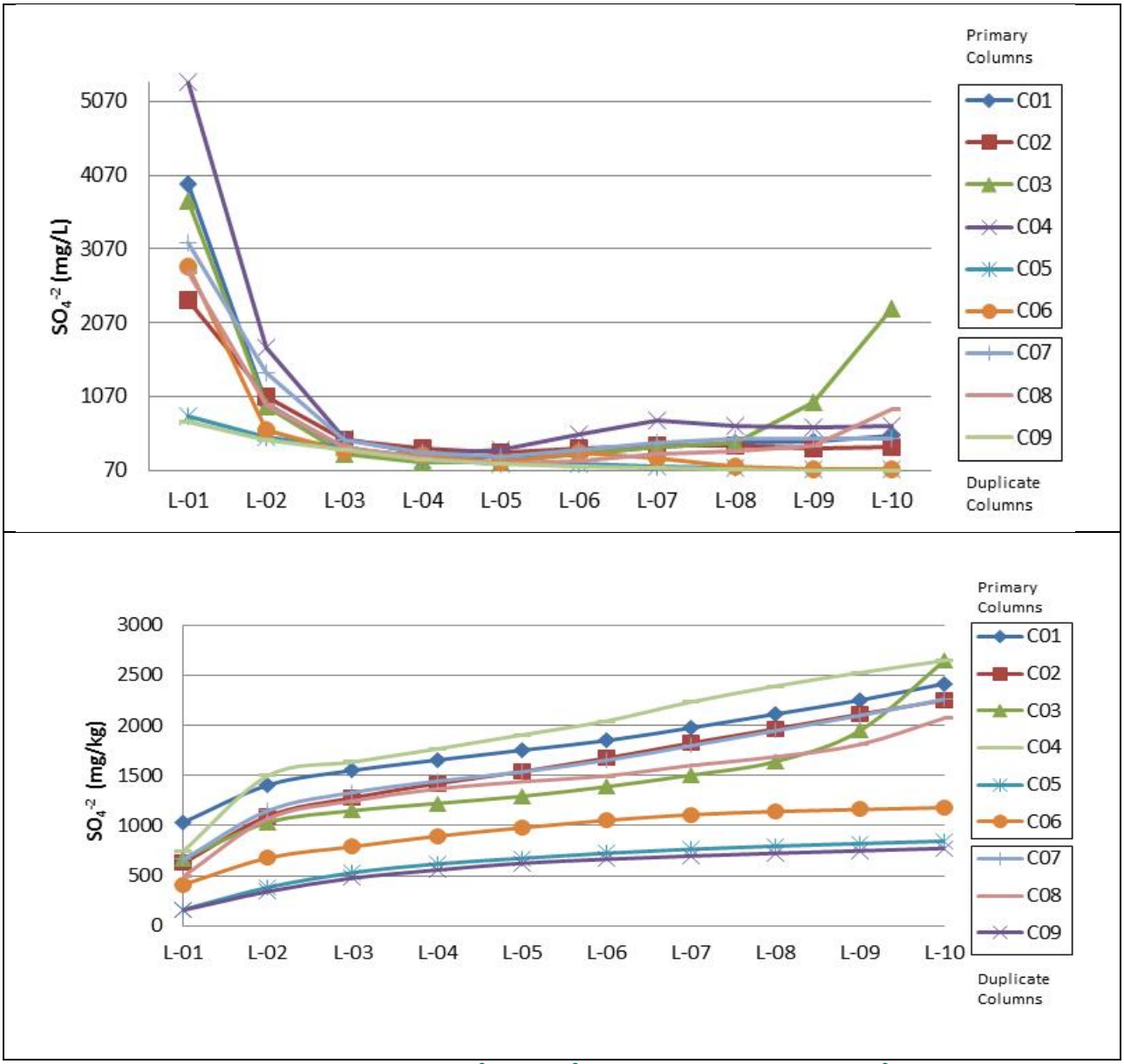


Figure D1: Kinetic Leach Results for Sulfate (SO_4^{-2}), (i) SO_4^{-2} in Leachate (ii) Cumulative SO_4^{-2} Leached per kg Column Material

D4.3 Total Acidity/Total Alkalinity

The results for acidity/alkalinity are provided in Table DD2 (Appendix D2) and are summarised below:

- The total acidity levels of initial leachate correlated with pH. Where the initial pH was circum-neutral (C05 and C06), the total acidity levels were low (i.e. ≤ 10 mg $CaCO_3$/L). The SW/Fr and the Fr materials (columns C01, C02, C03) had highest total acidity levels measured in initial leachate

(ranging from 292 - 366 mg $CaCO_3$/L) which also recorded the lowest pH values (4.02 – 4.08 pH units) (refer to Figure D6).

- During the leaching program, the general trend observed for total acidity levels and leach event for SW/Fr and Fr materials (columns C01 to C04) were consistent. Following the initial leach event, total acidity decreased steadily until leach event 7 after which total acidity increased greatly throughout subsequent leach events. Column C03 reached total acidity levels almost 3 times higher than the initial event by leach event 10 (1160 mg $CaCO_3$/L). In general the trend observed for total acidity levels correlate with trends in sulfate concentration and pH.
- Columns C05 and C06 (SW materials) have sustained circum-neutral pH and consistently low total acidity levels throughout the leach events.
- As with total acidity, alkalinity results for materials from the two different bore locations correlate with static test results. Leach samples from the SW materials (columns C05 and C06) had high initial alkalinity results which steadily declined over time (and subsequent leach events). The total alkalinity levels in all leachate samples, from SW/Fr and FR materials (columns C01 to C04), were low (below limit of detection) which supported the static test results (i.e. ANC) (refer to Figure D6).

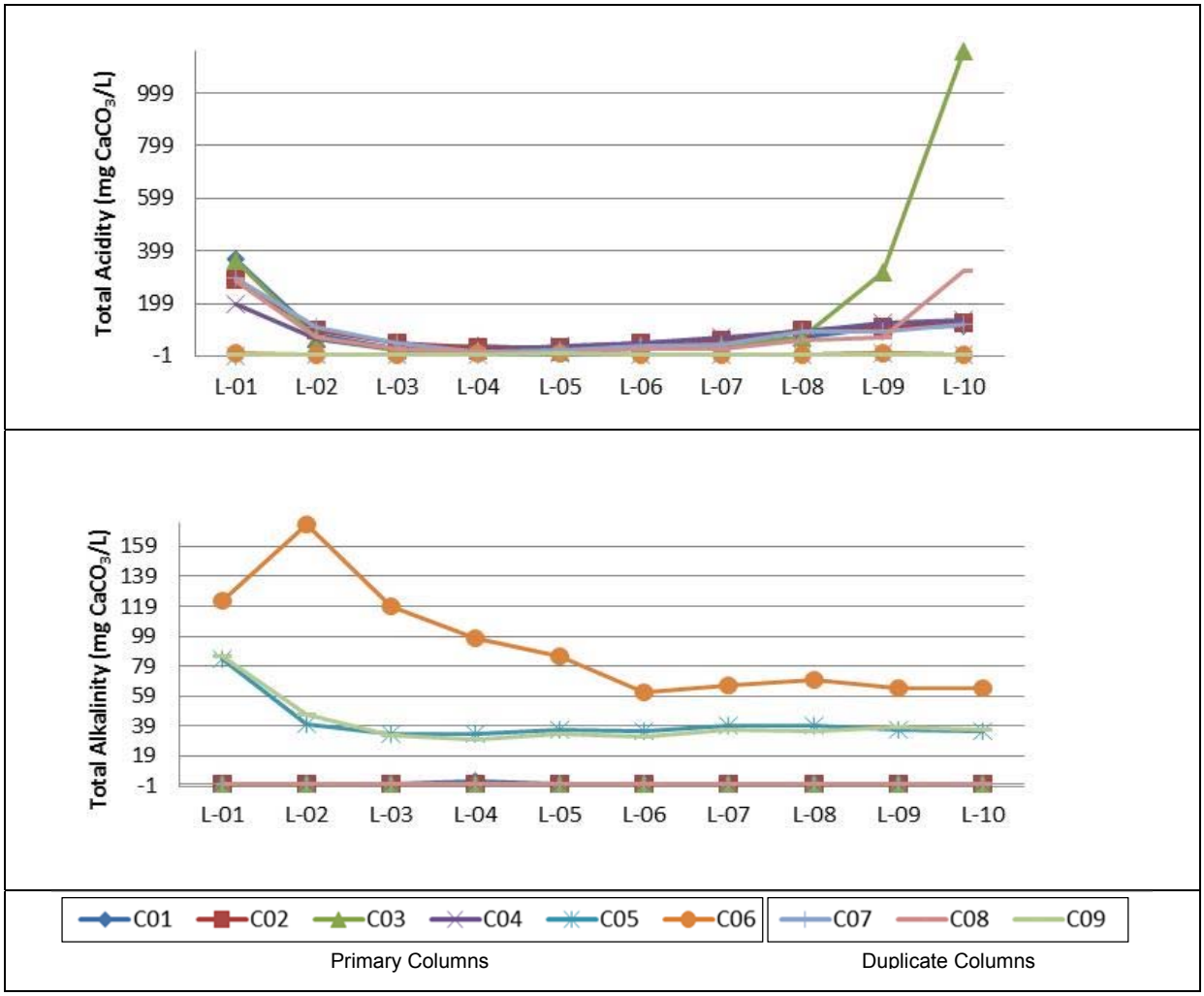


Figure D2: Kinetic Leach Results for Acidity/Alkalinity ($CaCO_3$), (i) Total Acidity (ii) Total Alkalinity

D4.4 Soluble Metals and Major Cations/Anions

The results for soluble metals and major cations/anions are provided in Table DD2 (Appendix D2).

For the purpose of understanding potential risks to the environment associated with leachate from excavated Melbourne Formation material, the results have been compared against the following:

- Ten times the Primary Contact Recreation (PCR) (NHMRC 2008) criteria**.** The difference between the volume of water consumed as drinking water and the volume consumed during recreational activities equates to a potential increase in the drinking water criteria of 10 fold for inorganic chemicals. This increase in the screening criteria has been applied to chemicals where ingestion was considered to be the most significant exposure route. Based on this, the criteria adopted for inorganics in this assessment have been adjusted by a factor of ten.
- Maintenance of Ecosystems (discharge to fresh aquatic systems) the ANZECC and ARMCANZ (2000) trigger values for freshwater (95% species protection level) were applied. The criteria are applicable at the point of discharge of the groundwater.

The leaching column results are summarised below:

- Following a high initial flush of dissolved Al, Fe and Mn, inorganic metal concentrations within leachate decreased, between Leach 2 and 6. However, after Leach 5 concentrations of Al, Fe, Mn and other inorganics, including As, Be, Cr, Cu and Se within C01, C02, C03 and C04 (SW/Fr and Fr materials) have increased (refer to Figure D7). Leachate trends within the duplicate columns were comparable to primary samples. An increase in acidity and inorganics was also observed in the duplicate of C03, although not always at the same magnitude.
- For most leachate samples the total dissolved iron mainly consisted of ferrous iron (II); ferric iron (III) levels for most columns remained at concentrations < 1 mg/L throughout the leach events recorded thus far. The Fr materials in column C03 had a marked increase in ferric iron concentration following leach event 9; at leach event 10 ferric iron made up >80% of total iron reported (24.3 mg/L) (refer to Figure D8).
- Leached metal concentrations from SW materials in columns C05 and C06 had significantly lower concentrations of metals (in comparison to C01, C02, C03 and C04) in general. The trend for most of the metals reported decreases following an initial flush event except for barium. Barium concentrations declined following an initial flush and steadily increased after leach event 4 to 6 and then plateaued for the remainder of leach events (refer to Figure D7).
- Major cation and anion concentrations decreased following the initial leach event. This is often observed during kinetic leach programs and represents the initial flushing of readily soluble material. Major cation and anion concentrations have increased in C03 following leach event 8.
- The comparison to criteria shows that the SW/Fr and the Fr materials have a higher capacity to leach metals. In general exceedances of criteria were noted for Al, Cd, Co, Cu, Mn, Ni, Se and Zn in the SW/Fr and Fr materials throughout leach events. In the SW materials most metal exceedances occurred in the initial leach event; Al, Cd and Zn were noted to exceed criteria after the initial leach event. The concentrations of key metals associated with ASR are presented in Figure D7. Where results exceed the adopted assessment criteria, the criteria are also shown on the Figures.

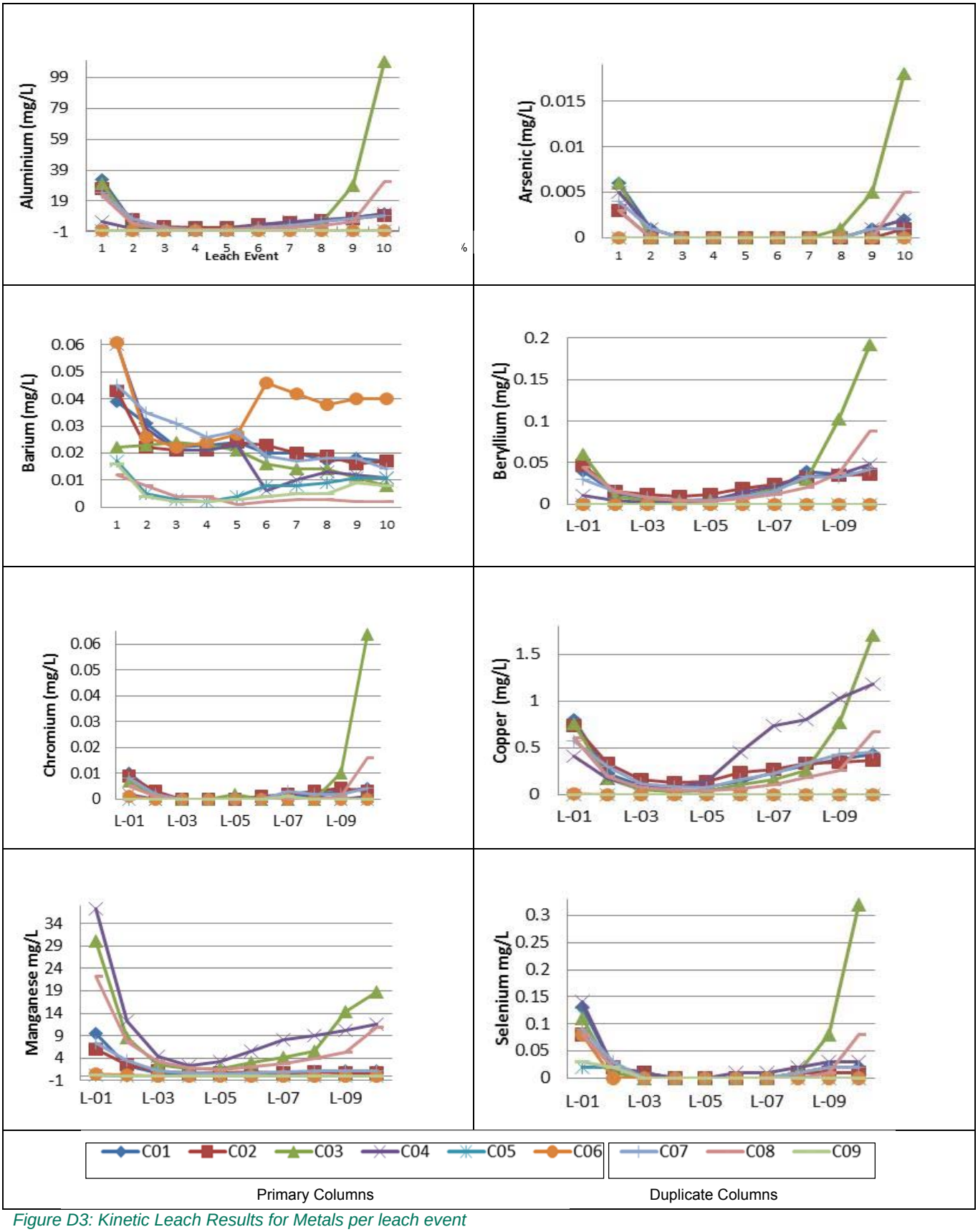


Figure D3: Kinetic Leach Results for Metals per leach event

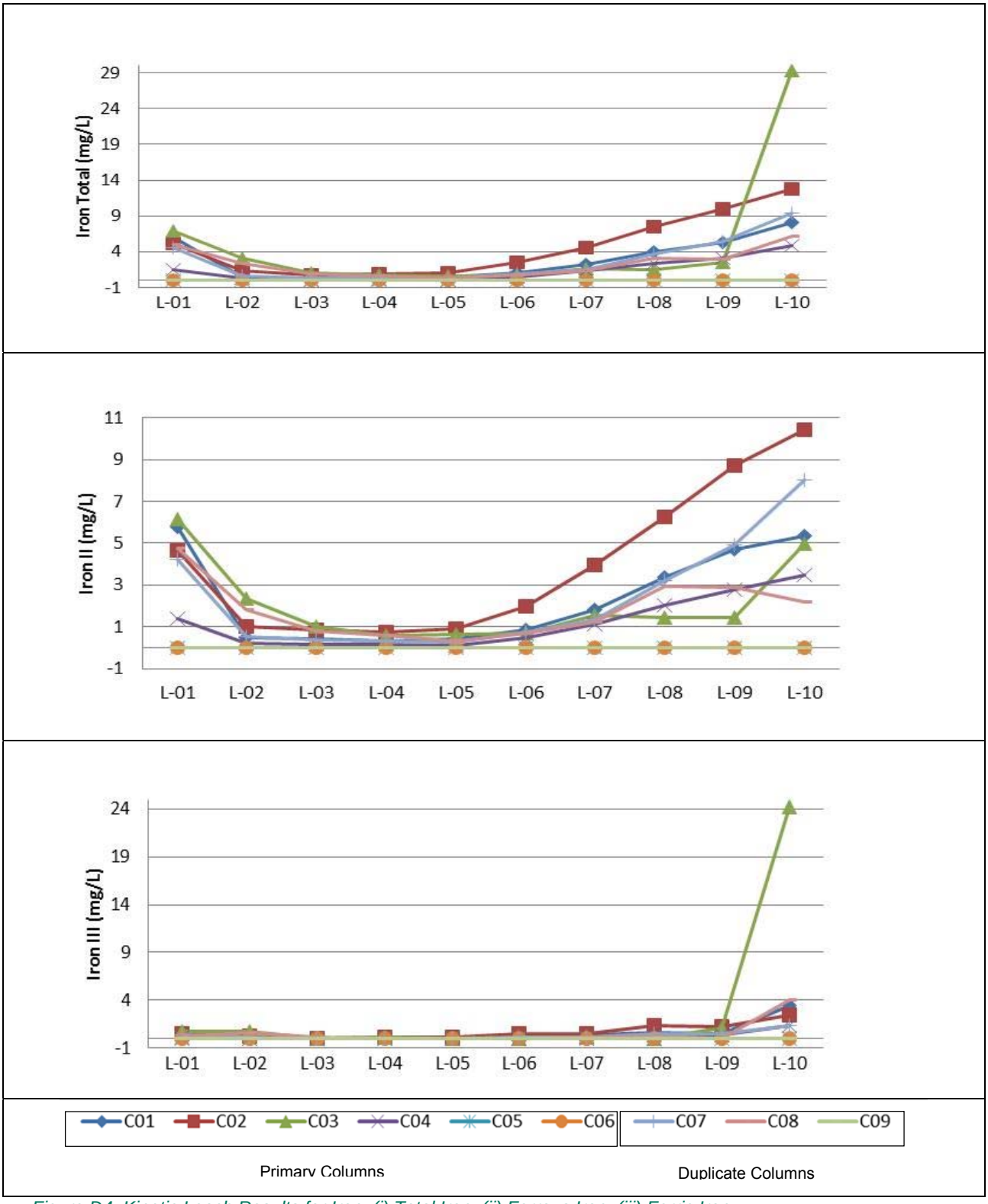


Figure D4: Kinetic Leach Results for Iron, (i) Total Iron, (ii) Ferrous Iron, (iii) Ferric Iron

D5.0 PYRITE OXIDATION RATES

Preliminary pyrite oxidation rates have been calculated using the static and kinetic leach testing results received to date. The total sulfide concentrations for leach column samples have been estimated from the S_{CR} values obtained during the static testing. The estimation of pyrite oxidation is based on the following assumptions:

- No other sources of sulfate other than from the oxidation of sulphides associated with pyrite.
  - Based on stoichiometric calculations using the equation: $FeS_2 + 7/2O_2 + H_2O = Fe^{2+} + 2SO_4^{2-} + 2H+$ which assumes that all sulfate is due to sulfide oxidation.
  - The stoichiometric equation provided above assumes oxidation is driven by oxygen. Given the low concentrations of iron (III) in the system, this is likely the case for most columns (at most time points) except for column C03 (and its duplicate) after leach event 9. Iron (III) may act as a catalyst to drive pyrite oxidation (especially at low pH) but this does not impact the pyrite oxidation based on sulfate generation (for each molecule pyrite oxidised two molecules of sulfate are produced (refer to Section D7 for further discussion on this)).
  - This calculation does not account for the increased H+ produced by bacteria and iron (III) mediated reactions.
- The calculation of total pyrite in the sample is based on the chromium reducible sulfur results for each column. This step assumes all acidity generated is due to pyrite oxidation reactions only and that complete oxidation was achieved.

The following limitations apply to the estimation of pyrite oxidation:

- The crushed rock samples placed in the column are heterogeneous and the S_{CR} test results obtained may not reflect the true sulfide content despite our best efforts to get representative samples.
- This approach to estimating FeS_2 oxidation rates may be modified once the defined kinetic leach assessment has been undertaken, the columns are dismantled and the contents of the soil after leaching analysed.

Pyrite oxidation rates are provided in Figure D9 and are summarised below:

- Following the initial flush of oxidised pyrite, the rate decreases. This initial flush is more pronounced in columns C01, C02, C03 and C04 (in the SW/Fr and Fr materials) than C05 and C06 (SW materials).
- Following leach event 8, the pyrite oxidation rate changes to an upwards trend in the Fr materials in column C03 (and its duplicate column C08); by leach event 10 the pyrite oxidation rate at CO3 surpasses the initial flush event rate.
- In order to estimate the percent of pyrite oxidised, the S_{CR} results were used to calculate a starting mass of pyrite in each column. It is noted the calculated stating masses of pyrite are slightly higher than those estimated by XRD. XRD is a semi-quantitative method while the chromium reducible sulfur method achieves 95-98% recovery for pyrite (Burton et al. 2008).
  - The cumulative pyrite oxidation results show that SW/Fr and Fr materials in columns C03 and C04 have exhausted approximately 20 to 30% of the starting mass of pyrite by leach event 10 (in approximately 3 months' time).
  - The SW materials in columns C05 and C06 show the least activity in pyrite oxidation with less than 10% of the starting mass oxidised.

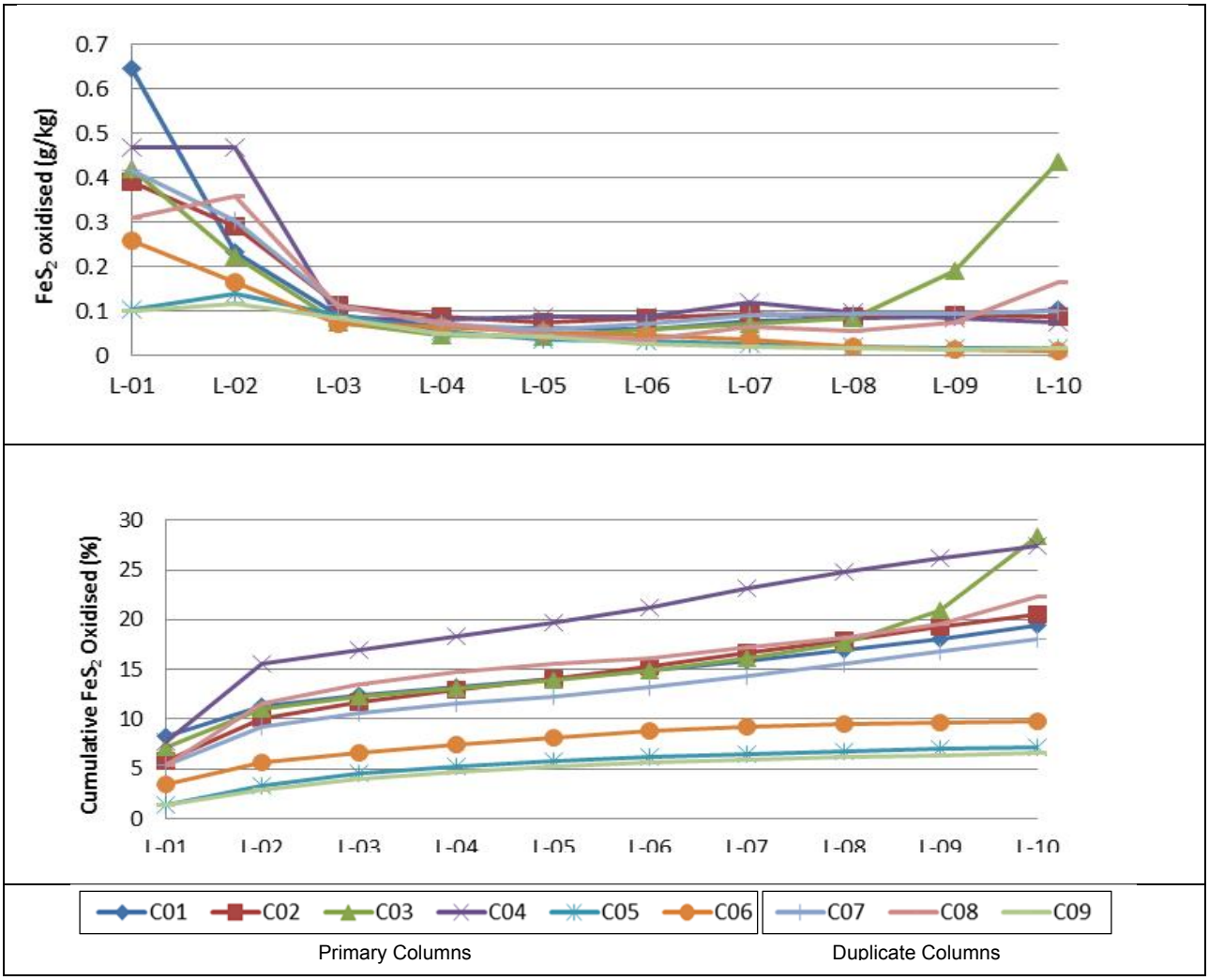


Figure D5: Pyrite Oxidation, (i) Weight (g) Pyrite Oxidised/Event, (ii) Cumulative Percent of Total Pyrite Oxidised (%)

D5.1 Quality Assurance and Quality Control

Quality assurance and quality control measures and results are described in Appendix C. The overall QA/QC completeness met the objective for the assessment. Therefore, it is considered that the overall data generated during the assessment is of sufficient quality upon which to base decisions for this study.

In addition to the quality assurance review, it was observed that cadmium concentrations within sub-samples from columns C01, C04, C06 and C07, were greater than the cadmium concentration typically observed within the Melbourne Formation. Based on the current assessment of the Melbourne Metro Alignment, mean cadmium concentrations within the Melbourne Formation are less than 2 mg/kg.

In order to assess the source of the cadmium in the samples, Golder compared metal analysis results of representative material from the same rock core sections pre and post crushing. Cadmium concentrations in the pre-crushed samples were below the limit of detection (< 1 mg/kg). Detectable concentrations of cadmium ranging from 2 mg/kg to 18 mg/kg were reported within samples post crushing, with the highest cadmium results being in the samples which comprised the largest proportion of fines (C04). The method used to crush material to less than 2 mm used a different apparatus than the method used to crush the larger rock fractions.

The reported cadmium concentrations within C01 and its duplicate C07 were comparable (15 mg/kg and 14 mg/kg, respectively), indicating that the cadmium concentration was unlikely due to cross contamination from the laboratory. In addition, cadmium concentrations within the leachate from the first leach event were 10

fold higher in leachate samples from C01, C04 and C07, than within leachate from other columns. The cadmium concentration in C01, C06 and C07 dropped by approximately 10 fold by leach 3, indicating that the cadmium was loosely bound within the column samples.

Based on the above information, Golder considers that the elevated cadmium concentrations in the columns may be due to cross contamination from the apparatus used to crush samples to less than 2 mm diameter. No other elements were noted to increase in the crushed samples.

The observed cadmium results are not considered to influence the KLA or the conclusions drawn from the data gathered thus far.

D6.0 DISCUSSION

The results of the kinetic leach assessment indicate that crushing of material of the Melbourne Formation may result in an initial flush or mobilization of metals and sulfate on exposure to water/rainfall (regardless of whether the material has acid generating potential or not). This is often observed during kinetic leach programs and represents the initial flushing of readily soluble material.

The kinetic leach trial is designed to provide information on the sulfide reactivity, oxidation kinetics and metal mobilization. These aspects are discussed in regard to the different bore locations and weathering units assessed.

D6.1 SW/Fr and Fr Materials (C01, C02, C03, C04)

The static testing results indicated that the SW/Fr and Fr material of the Melbourne Formation contain sulfur at levels greater than the action criteria for ASS and have little inherent acid neutralizing capacity; hence acidity produced following pyrite oxidation would not be buffered.

The kinetic test results indicate given frequent drying and wetting events, the oxidation of SW/Fr and Fr material would generate acidity, with the pH of leachate from the material potentially decreasing to less than 3 pH units. The decrease in pH, particularly below a pH of 4.5 pH units, can trigger mobilisation of metals including aluminium which is considered highly toxic to fresh water fish.

The rate of sulfide oxidation (sulfate generation) within the columns appears to initially be associated with particle size. Smaller particle size yields a larger surface area for chemical reactions (oxidation and dissolution) to occur. Column 4 which comprised the largest amount of fine material proportionally oxidised the most pyrite (up to 20%) during the first 1.5 months of leaching (5 leach events), Figure D9.

After leach event 5 (approximately 1.5 months into the leach program) the concentration of metals within leachate began to gradually increase. The rate of metal mobilisation from Fr materials in column C03 doubled in soluble metal concentrations (Al, Fe, As, Be, Cr, Cu and Se) following leach events 9 and again following leach event 10. This increase in soluble metals (in C03) coincided with an exponential increase in ferric iron (III) concentration (from less than detect at leach event 8; to 24.3 mg/L at leach event 10) and decrease in leachate pH. The increase in ferric iron indicates that Fe oxidation is occurring (likely driven by bacterial activity as inorganic iron (II) oxidation rate slows in low pH environments). Similarly, sulfate concentration in C03 leachate doubled during leach events 9 and 10, indicating that pyrite oxidation rate has rapidly increased.

Over ten leach events the cumulative mass of pyrite oxidised in the SW/Fr and Fr materials is estimated to be approximately 20 – 30% of the total pyrite loading in those columns.

Throughout the leach trial subtle differences were noted in dissolved metals and pyrite oxidation rates between the SW/Fr and Fr materials (from BH006). The differentiating factors between the SW/Fr and Fr materials tested were particle size distribution and the extent of material weathering. C01 and C02 are composed of materials from a depth range of 27.3 – 30.6 m which consisted of a mix of slightly weathered and fresh materials while C03 and C04 are composed of materials from a depth of 31.6 – 36.6 m which is composed of fresh materials only. The interim results indicate that the rate of pyrite oxidation within Fr material may be quicker than in the SW-FR material (Figure D9) however; this may also be associated with

variability in particle size and the timing of bacterial population growth, rather than a direct association with extent of weathering.

In the context of this project acid generation and the initial and continued flushing of soluble metals and major cations/anions from materials similar to the SW/Fr and Fr materials warrant further consideration. However, these conclusions are preliminary and may change with the progression of the kinetic leach testing.

D6.2 SW Materials (C05, C06)

The static test results indicate that pyrite makes up approximately 0.75% of the SW column materials. The pH of C05 and C06 samples was slightly basic. The S_{CR} testing indicated that the materials contain relatively high levels of reducible sulfur (244 – 249 moles H+/ton) but no actual acidity. This is due to the acid neutralizing capacity of the materials which exceeded the acid generating potential (474 – 483 moles H+/ton). The static test results indicated that acidity produced following oxidation may be buffered.

The kinetic test results thus far support the static test results, indicating that these materials have the potential to leach dissolved metals and major cations/anions during initial flushing of crushed material) but do not produce net acidity when oxidised. Following oxidation and leaching, the pH of the leachate has remained largely circum-neutral and leached metals and major cation/anion concentrations have generally decreased over time. Barium leaching is an exception to this trend which increased at leach event 6 and then stabilised for the following four leach events.

Pyrite oxidation was estimated based on sulfate concentration measured in leachate. The initial flush event had elevated sulfate concentrations which steadily declined after leach event two for the remainder of the recorded events thus far. The effects of the initial leach event are reduced in C05 as the volume of leachate recovered was low. The second leach event thus appears to act as an initial flush event for this column (results similar in the duplicate column C09). Over ten leach events the cumulative amounts of pyrite oxidised were estimated to be 6 to 10% of the total pyrite.

The pyrite oxidation for these materials is assumed to be driven by oxygen, as ferric iron (III) concentrations have remained low.

According to the estimated pyrite oxidation rates, materials from MM1-BH010 oxidise slowly and are unlikely to yield acidic conditions when aerated and re-hydrated, provided the current buffering capacity is not exhausted.

In the context of this project the initial flushing of soluble metals and major cations/anions from drilling fines (from materials similar to SW materials) may warrant further consideration. However, these conclusions are preliminary and may change with the progression of the kinetic leach trial.

D7.0 CONCLUSIONS

Golder has commenced a Kinetic Leach Assessment (KLA) on 6 primary samples and 3 duplicates of Fresh (Fr) and Slightly Weathered (SW) rock from the Melbourne Formation. The rock samples were collected from depths similar to the proposed depths of the Melbourne Metro tunnel (at 27 to 37 m bgl within the area between Arden and Parkville station and at 25 to 33 m within the area between Parkville and CBD North station).

Due to changes to the rail alignment post commencement of the KLA, the column materials currently being tested are not within the current alignment[1] (MM1- BH010, is located approximately 90 m from the Alignment MM1-BH006 is located 220 m from current alignment).

The objectives of the KLA are to characterise the acid-forming potential of rock samples from the vertical profile (slightly weathered and fresh) of the Melbourne Formation and gain an understanding of the timing

[1] Current Alignment as described in plans provided by AJMJV on 28 October 2015

and extent of acid generation and release of soluble metals following ASR oxidation. This assessment is intended to enable identification potential management measures for ASR.

The current analysis methods have focussed on three sections of core comprising:

- A combined sample of both SW and Fr material (C01 and C07), which reported a NAG pH of less than 4.5 pH units.
- Fr material (C03 and C04) with a NAG pH of less than 4.5 pH units.
- SW material with a subsection comprising pyrite, but also comprising buffering capacity (C05 and C06).

The current KLA is due to be run for a further 6 months (10 months total).

These experiments have shown that pyrite oxidation is likely to occur in typical environmental conditions (when exposed to wet and dry cycles) resulting in the leaching of acidity and metals from Melbourne Formation (Fr, Fr/SW & SW) rock.

The experiment is based on small number of samples. This assessment has not included assessment of:

- The nature of acid generation from SW or MW material which has high NAG capacity.
- The nature of leachate likely to be generated from mixed rock material (a mixture of acid generation and non-acid generating material).
- Whether alkaline ameliorants could reduce acid generations and mobilisation of metals in a real world scenario.
- Whether reduction of bacterial activity (i.e. using biocides) could prevent the observed release of metals following the initial metal flush.
- The role of bacteria in reaction kinetics. From our review of available research on the impact of bacterial processes on pyrite oxidation rates, the consensus of opinion is that the bacteria require time to equilibrate in their new surroundings in the column, which may require more than 3 months. Indications of bacterial activity driven oxidation has been observed within some columns particularly within leach events 9 and 10 (following 2.5 to 3 months of leaching) indicating that the role of pyrite oxidising bacteria has increasing with time and changing geochemical conditions.

D8.0 RECOMMENDATIONS

The interim findings of the KLA have provided an insight into the reaction kinetics at the onset of leaching/weathering of excavated and crushed rock. We recommend that the KLA program continue to the end of our proposed time frame (10 months) for the following reasons:

- Acid generation and metal mobilisation within C01 to C04 (and within its duplicate columns) appears to be increasing since leach event 5. Steady state has not been reached at these columns.
- Acid generation and metal mobilisation from C05 and C06 (and associated duplicate) appears to have stabilised, however the amount of pyrite oxidised is low. Continuation of the experiment is recommended to assess if the leachate condition changes after further oxidation of pyrite.

D9.0 REFERENCES

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APPENDIX D1

Static Test Results

Table D1l: Mineral Phase Composition

Phase Concentrations (nominal wt %)	C01	C02	C03	C04	C05	C06	C07	C08	C09
Quartz	38.01	38.92	36.26	35.9	38.4	37.6	37.96	38.63	37.91
Rutile	1.1	0.99	1.13	1.08	0.73	0.89	1.07	0.93	0.88
Pyrite	**0.72**	**0.59**	**0.5**	**0.51**	**0.74**	**0.75**	**0.68**	**0.51**	**0.71**
Plagioclase (Albite)	2.33	2.72	4.22	4.11	5.63	5.37	2.32	4.34	5.37
Chlorite lib	8.79	8.41	8.09	8.32	8.06	8.08	8.51	8.01	8.39
Muscovite (2M1)	21.98	22.13	20.45	22.7	20.6	19.8	22.1	21.57	19.89
Non-diffracting/ unidentified	18.96	18.03	21.51	19.3	17.6	19.4	19.3	17.78	18.71

		Sodium	Potassium	Calcium	Magnesium	Chloride	Moisture	Organic Matter	Total Organic Carbon	Sulphate (as SO4)	Sulphur (as S)	Fluoride	Mercury	Aluminium	Arsenic	Barium	Beryllium
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		10	10	10	10	10	1	0.5	5000	50	100	40	0.1	50	5	10	1
VIC EPA IWRG621 Cat B												40000	300		2000		
VIC EPA IWRG621 Cat C												10000	75		500		
VIC EPA IWRG621 Fill Material												450	1		20		
Field_ID	**Location_Code**																
C01-Static	C01	170	30	80	320	120	<1	0.8	<5000	1680	4400	350	<0.1	14,100	8	10	<1
C02-Static	C02	170	30	80	310	120	<1	1.1	6000	1060	5600	420	<0.1	10,200	<5	<10	<1
C03-Static	C03	140	10	40	260	60	<1	0.6	<5000	1320	5200	380	<0.1	13,400	6	10	<1
C04-Static	C04	100	60	100	290	80	<1	1	6000	1690	5200	380	<0.1	14,500	6	20	<1
C05-Static	C05	240	20	30	30	40	<1	0.7	<5000	420	5300	410	<0.1	12,100	<5	20	<1
C06-Static	C06	290	40	50	40	50	<1	0.8	<5000	580	5000	360	<0.1	13,600	<5	50	<1
D01-Static	C07	150	30	70	300	120	<1	0.7	<5000	1620	6200	620	<0.1	13,500	9	10	<1
D02-Static	C08	80	20	40	250	60	<1	1	6000	1210	5000	510	<0.1	13,400	6	10	<1
D03-Static	C09	260	20	30	20	40	<1	<0.5	<5000	450	5200	620	<0.1	11,600	<5	20	<1

		Boron	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Manganese	Molybdenum	Nickel	Selenium	Silver	Tin	Vanadium	Zinc
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		50	1	2	2	5	50	5	5	2	2	5	2	5	5	5
VIC EPA IWRG621 Cat B			400			20000		6000		4000	12000	200	720			140000
VIC EPA IWRG621 Cat C			100			5000		1500		1000	3000	50	180	500		35000
VIC EPA IWRG621 Fill Material			3			100		300		40	60	10	10	50		200
Field_ID	**Location_Code**															
C01-Static	C01	<50	15	36	14	23	34,200	10	145	-	44	<5	-	-	17	88
C02-Static	C02	<50	<1	26	11	26	24,000	6	103	-	32	<5	-	-	12	51
C03-Static	C03	<50	2	34	12	25	32,500	9	174	-	36	<5	-	-	16	63
C04-Static	C04	<50	18	51	12	26	34,200	10	201	-	43	<5	-	-	17	99
C05-Static	C05	<50	<1	35	11	23	30,500	11	267	-	36	<5	-	-	14	52
C06-Static	C06	<50	15	42	13	24	34,200	14	432	-	41	<5	-	-	16	98
D01-Static	C07	<50	14	34	14	24	33,900	10	139	-	42	<5	-	-	16	95
D02-Static	C08	<50	2	34	12	23	31,900	9	167	-	35	<5	-	-	16	62
D03-Static	C09	<50	<1	34	12	20	29,800	10	273	-	35	<5	-	-	14	54

APPENDIX D2

Leachate Results

			Acidity	Alkalinity				Inorganics											
			Acidity (as CaCO3)	Bicarbonate Alkalinity (as CaCO3)	Carbonate Alkalinity (as CaCO3)	Hydroxide Alkalinity (as CaCO3)	Total Alkalinity (as CaCO3)	Mercury (Filtered)	Aluminium (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Estimated Quantitation Limit			1	1	1	1	1	0.0001	0.01	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.05	0.001
127613066 DSM BU: PCR Health								0.001	16	0.01	2	0.06	4	0.002	0.05	0.0047	2		0.01
127613066 DSM BU: PCR Health x 10								0.01	160	0.1	20	0.6	40	0.02	0.5	0.047	20		0.1
ANZECC 2000 Freshwater 95%								0.0006	0.055				0.37	0.0002			0.0014		0.0034
Field_ID	**Column**	**Sample date**																	
C01	C01	23/06/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01/20150617	C01	17/06/2015	366	<1	<1	<1	<1	0.0002	33	0.006	0.039	0.04	0.36	19.8	0.01	6.76	0.806	6.05	0.004
C01/20150624	C01	24/06/2015	81	<1	<1	<1	<1	<0.0001	5.31	0.001	0.031	0.014	0.38	4.48	0.002	1.72	0.225	0.53	<0.001
C01/20150630	C01	30/06/2015	28	<1	<1	<1	<1	<0.0001	1.13	<0.001	0.022	0.006	0.24	1.57	<0.001	0.52	0.098	0.32	<0.001
C01/20150707	C01	7/07/2015	35	2	<1	<1	2	<0.0001	0.85	<0.001	0.023	0.005	0.14	1.14	<0.001	0.392	0.082	0.33	<0.001
C01/20150714	C01	14/07/2015	26	<1	<1	<1	<1	<0.0001	0.96	<0.001	0.024	0.006	0.16	1.02	<0.001	0.369	0.087	0.44	<0.001
C01/20150728	C01	28/07/2015	34	<1	<1	<1	<1	<0.0001	1.78	<0.001	0.02	0.011	0.12	1.25	<0.001	0.442	0.138	1	<0.001
C01/20150811	C01	11/08/2015	50	<1	<1	<1	<1	<0.0001	3.78	<0.001	0.02	0.018	0.15	1.62	0.001	0.641	0.241	2.16	<0.001
C01/20150825	C01	25/08/2015	73	<1	<1	<1	<1	<0.0001	6.01	<0.001	0.017	0.04	0.25	1.91	0.002	0.682	0.309	4.03	<0.001
C01/20150908	C01	8/09/2015	108	<1	<1	<1	<1	<0.0001	8.02	0.001	0.018	0.036	0.16	2.25	0.003	0.837	0.383	5.24	<0.001
C01/20150922	C01	22/09/2015	116	<1	<1	<1	<1	<0.0001	0.02	<0.001	<0.001	<0.001	<0.05	<0.0001	<0.001	<0.001	<0.001	<0.05	<0.001
C02	C02	23/06/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C02/20150617	C02	17/06/2015	292	<1	<1	<1	<1	0.0002	26.8	0.003	0.043	0.047	0.28	1.14	0.009	4.63	0.739	5.17	0.002
C02/20150624	C02	24/06/2015	97	<1	<1	<1	<1	<0.0001	7.32	<0.001	0.022	0.015	0.23	0.325	0.003	2	0.332	1.28	<0.001
C02/20150630	C02	30/06/2015	46	<1	<1	<1	<1	<0.0001	2.56	<0.001	0.021	0.012	0.24	0.126	<0.001	0.758	0.156	0.8	<0.001
C02/20150707	C02	7/07/2015	33	<1	<1	<1	<1	<0.0001	2.16	<0.001	0.021	0.01	0.13	0.0818	<0.001	0.586	0.132	0.92	<0.001
C02/20150714	C02	14/07/2015	34	<1	<1	<1	<1	<0.0001	2.15	<0.001	0.024	0.012	0.15	0.0726	<0.001	0.545	0.135	1.08	<0.001
C02/20150728	C02	28/07/2015	49	<1	<1	<1	<1	<0.0001	3.92	<0.001	0.023	0.019	0.16	0.0818	0.001	0.696	0.235	2.46	<0.001
C02/20150811	C02	11/08/2015	59	<1	<1	<1	<1	<0.0001	5.02	<0.001	0.02	0.024	0.13	0.0632	0.002	0.693	0.273	4.5	<0.001
C02/20150825	C02	25/08/2015	97	<1	<1	<1	<1	<0.0001	6.44	<0.001	0.019	0.032	0.15	0.0594	0.003	0.62	0.33	7.55	<0.001
C02/20150908	C02	8/09/2015	109	<1	<1	<1	<1	<0.0001	7.39	<0.001	0.016	0.035	0.11	0.0532	0.004	0.612	0.342	9.96	<0.001
C02/20150922	C02	22/09/2015	127	<1	<1	<1	<1	<0.0001	9.7	0.001	0.017	0.036	0.15	0.0426	0.003	0.615	0.363	12.8	<0.001
C03	C03	23/06/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C03/20150617	C03	17/06/2015	361	<1	<1	<1	<1	0.0001	30.1	0.006	0.022	0.06	0.3	0.753	0.007	5.49	0.758	6.9	0.002
C03/20150624	C03	24/06/2015	67	<1	<1	<1	<1	<0.0001	3.95	<0.001	0.023	0.01	0.25	0.175	0.001	1.34	0.167	3.12	<0.001
C03/20150630	C03	30/06/2015	23	<1	<1	<1	<1	<0.0001	0.63	<0.001	0.024	0.005	0.21	0.0384	<0.001	0.339	0.05	1.06	<0.001
C03/20150707	C03	7/07/2015	19	<1	<1	<1	<1	<0.0001	0.41	<0.001	0.023	0.003	0.1	0.022	<0.001	0.208	0.034	0.71	<0.001
C03/20150714	C03	14/07/2015	18	<1	<1	<1	<1	<0.0001	0.48	<0.001	0.021	0.004	0.1	0.0188	0.002	0.213	0.038	0.67	<0.001
C03/20150728	C03	28/07/2015	36	<1	<1	<1	<1	<0.0001	1.62	<0.001	0.016	0.008	0.16	0.0309	<0.001	0.416	0.102	0.78	<0.001
C03/20150811	C03	11/08/2015	39	<1	<1	<1	<1	<0.0001	2.86	<0.001	0.014	0.019	0.15	0.0378	<0.001	0.502	0.159	1.71	<0.001
C03/20150825	C03	25/08/2015	71	<1	<1	<1	<1	<0.0001	4.89	0.001	0.014	0.03	0.13	0.0427	<0.001	0.588	0.256	1.45	<0.001
C03/20150908	C03	8/09/2015	316	<1	<1	<1	<1	<0.0001	28.9	0.005	0.011	0.102	0.09	0.0963	0.01	1.39	0.765	2.55	<0.001
C03/20150922	C03	22/09/2015	1160	<1	<1	<1	<1	<0.0001	109	0.018	0.008	0.192	0.1	0.0909	0.064	1.82	1.71	29.3	<0.001

			Acidity	Alkalinity				Inorganics											
			Acidity (as CaCO3)	Bicarbonate Alkalinity (as CaCO3)	Carbonate Alkalinity (as CaCO3)	Hydroxide Alkalinity (as CaCO3)	Total Alkalinity (as CaCO3)	Mercury (Filtered)	Aluminium (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Estimated Quantitation Limit			1	1	1	1	1	0.0001	0.01	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.05	0.001
127613066 DSM BU: PCR Health								0.001	16	0.01	2	0.06	4	0.002	0.05	0.0047	2		0.01
127613066 DSM BU: PCR Health x 10								0.01	160	0.1	20	0.6	40	0.02	0.5	0.047	20		0.1
ANZECC 2000 Freshwater 95%								0.0006	0.055				0.37	0.0002			0.0014		0.0034
Field_ID	**Column**	**Sample date**																	
C04	C04	23/06/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C04/20150617	C04	17/06/2015	199	<1	<1	<1	<1	<0.0001	5.71	0.005	0.06	0.011	0.46	22.5	0.002	5.96	0.415	1.48	0.002
C04/20150624	C04	24/06/2015	64	<1	<1	<1	<1	<0.0001	1.25	0.001	0.029	0.004	0.34	5.51	<0.001	1.81	0.172	0.26	<0.001
C04/20150630	C04	30/06/2015	26	<1	<1	<1	<1	<0.0001	0.4	<0.001	0.021	0.002	0.4	1.72	<0.001	0.525	0.083	0.08	<0.001
C04/20150708	C04	8/07/2015	21	<1	<1	<1	<1	<0.0001	0.29	<0.001	0.021	0.002	0.24	1.04	<0.001	0.324	0.069	0.11	<0.001
C04/20150715	C04	15/07/2015	36	<1	<1	<1	<1	<0.0001	0.69	<0.001	0.023	0.005	0.23	1.1	<0.001	0.379	0.135	0.1	<0.001
C04/20150729	C04	29/07/2015	50	<1	<1	<1	<1	<0.0001	3.54	<0.001	0.006	0.014	0.27	2.19	<0.001	0.785	0.45	0.48	<0.001
C04/20150811	C04	11/08/2015	72	<1	<1	<1	<1	<0.0001	5.89	<0.001	0.01	0.022	0.25	2.74	<0.001	0.967	0.742	1.37	<0.001
C04/20150825	C04	25/08/2015	93	<1	<1	<1	<1	<0.0001	6.76	<0.001	0.013	0.034	0.32	2.53	0.001	0.877	0.8	2.38	<0.001
C04/20150908	C04	8/09/2015	127	<1	<1	<1	<1	<0.0001	8.44	0.001	0.012	0.036	0.2	2.68	<0.001	0.954	1.03	3.11	<0.001
C04/20150922	C04	22/09/2015	135	<1	<1	<1	<1	<0.0001	10.8	0.002	0.011	0.048	0.18	2.23	0.001	0.872	1.18	4.88	<0.001
C05	C05	23/06/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C05/20150617	C05	17/06/2015	<1	84	<1	<1	84	<0.0001	0.04	<0.001	0.017	<0.001	0.08	0.0053	<0.001	0.004	0.001	<0.05	<0.001
C05/20150624	C05	24/06/2015	2	40	<1	<1	40	<0.0001	0.04	<0.001	0.005	<0.001	0.06	0.0018	<0.001	<0.001	<0.001	<0.05	<0.001
C05/20150630	C05	30/06/2015	2	34	<1	<1	34	<0.0001	0.03	<0.001	0.003	<0.001	<0.05	0.0006	<0.001	<0.001	<0.001	<0.05	<0.001
C05/20150707	C05	7/07/2015	4	34	<1	<1	34	<0.0001	0.03	<0.001	0.002	<0.001	<0.05	0.0004	<0.001	<0.001	<0.001	<0.05	<0.001
C05/20150715	C05	15/07/2015	9	37	<1	<1	37	<0.0001	0.06	<0.001	0.004	<0.001	0.05	0.0004	<0.001	<0.001	<0.001	<0.05	<0.001
C05/20150728	C05	28/07/2015	4	36	<1	<1	36	<0.0001	0.03	<0.001	0.008	<0.001	0.08	0.0004	<0.001	<0.001	<0.001	<0.05	<0.001
C05/20150811	C05	11/08/2015	6	39	<1	<1	39	<0.0001	0.07	<0.001	0.008	<0.001	0.07	0.0004	<0.001	<0.001	<0.001	<0.05	<0.001
C05/20150825	C05	25/08/2015	7	39	<1	<1	39	<0.0001	0.04	<0.001	0.009	<0.001	0.1	0.0002	<0.001	<0.001	<0.001	<0.05	<0.001
C05/20150908	C05	8/09/2015	11	37	<1	<1	37	<0.0001	0.07	<0.001	0.011	<0.001	0.08	0.0001	<0.001	<0.001	<0.001	<0.05	<0.001
C05/20150922	C05	22/09/2015	3	36	<1	<1	36	<0.0001	0.06	<0.001	0.011	<0.001	0.1	0.0001	<0.001	<0.001	<0.001	<0.05	<0.001
C06	C06	23/06/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C06/20150617	C06	17/06/2015	10	123	<1	<1	123	<0.0001	0.01	<0.001	0.061	<0.001	0.14	0.102	0.001	0.007	0.013	<0.05	<0.001
C06/20150624	C06	24/06/2015	5	174	<1	<1	174	<0.0001	0.02	<0.001	0.026	<0.001	0.12	0.0101	<0.001	0.001	0.001	<0.05	<0.001
C06/20150630	C06	30/06/2015	7	119	<1	<1	119	<0.0001	0.02	<0.001	0.022	<0.001	0.1	0.0077	<0.001	<0.001	<0.001	<0.05	<0.001
C06/20150708	C06	8/07/2015	11	98	<1	<1	98	<0.0001	<0.01	<0.001	0.024	<0.001	0.06	0.0093	<0.001	<0.001	<0.001	<0.05	<0.001
C06/20150715	C06	15/07/2015	11	86	<1	<1	86	<0.0001	<0.01	<0.001	0.027	<0.001	0.08	0.0071	<0.001	<0.001	<0.001	<0.05	<0.001
C06/20150729	C06	29/07/2015	7	62	<1	<1	62	<0.0001	0.01	<0.001	0.046	<0.001	0.09	0.009	<0.001	<0.001	<0.001	<0.05	<0.001
C06/20150812	C06	12/08/2015	6	66	<1	<1	66	<0.0001	<0.01	<0.001	0.042	<0.001	0.11	0.0054	<0.001	<0.001	<0.001	<0.05	<0.001
C06/20150825	C06	25/08/2015	6	70	<1	<1	70	<0.0001	<0.01	<0.001	0.038	<0.001	0.16	0.0036	<0.001	<0.001	<0.001	<0.05	<0.001
C06/20150908	C06	8/09/2015	10	64	<1	<1	64	<0.0001	<0.01	<0.001	0.04	<0.001	0.12	0.0028	<0.001	<0.001	<0.001	<0.05	<0.001
C06/20150922	C06	22/09/2015	2	64	<1	<1	64	<0.0001	0.02	<0.001	0.04	<0.001	0.14	0.002	<0.001	<0.001	<0.001	<0.05	<0.001
Dup01	C07	23/06/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Acidity	Alkalinity				Inorganics											
			Acidity (as CaCO3)	Bicarbonate Alkalinity (as CaCO3)	Carbonate Alkalinity (as CaCO3)	Hydroxide Alkalinity (as CaCO3)	Total Alkalinity (as CaCO3)	Mercury (Filtered)	Aluminium (Filtered)	Arsenic (Filtered)	Barium (Filtered)	Beryllium (Filtered)	Boron (Filtered)	Cadmium (Filtered)	Chromium (Filtered)	Cobalt (Filtered)	Copper (Filtered)	Iron (Filtered)	Lead (Filtered)
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Estimated Quantitation Limit			1	1	1	1	1	0.0001	0.01	0.001	0.001	0.001	0.05	0.0001	0.001	0.001	0.001	0.05	0.001
127613066 DSM BU: PCR Health								0.001	16	0.01	2	0.06	4	0.002	0.05	0.0047	2		0.01
127613066 DSM BU: PCR Health x 10								0.01	160	0.1	20	0.6	40	0.02	0.5	0.047	20		0.1
ANZECC 2000 Freshwater 95%								0.0006	0.055				0.37	0.0002			0.0014		0.0034
Field_ID	**Column**	**Sample date**																	
DUP01/20150617	C07	17/06/2015	296	<1	<1	<1	<1	<0.0001	24.3	0.004	0.045	0.03	0.34	16.5	0.008	5.26	0.578	4.61	0.002
DUP01/20150624	C07	24/06/2015	108	<1	<1	<1	<1	<0.0001	7.76	0.001	0.035	0.016	0.36	8.44	0.002	2.36	0.302	0.67	<0.001
DUP01/20150630	C07	30/06/2015	48	<1	<1	<1	<1	<0.0001	1.71	<0.001	0.031	0.008	0.26	2.45	<0.001	0.727	0.118	0.31	<0.001
DUP01/20150707	C07	7/07/2015	17	<1	<1	<1	<1	<0.0001	0.85	<0.001	0.026	0.005	0.13	1.44	<0.001	0.429	0.08	0.28	<0.001
DUP01/20150714	C07	14/07/2015	23	<1	<1	<1	<1	<0.0001	0.79	<0.001	0.028	0.005	0.14	1.14	<0.001	0.374	0.079	0.33	<0.001
DUP01/20150728	C07	28/07/2015	38	<1	<1	<1	<1	<0.0001	2.1	<0.001	0.019	0.01	0.13	1.7	<0.001	0.573	0.159	0.88	<0.001
DUP01/20150811	C07	11/08/2015	41	<1	<1	<1	<1	<0.0001	3.25	<0.001	0.017	0.015	0.15	1.86	0.003	0.662	0.222	1.51	<0.001
DUP01/20150825	C07	25/08/2015	90	<1	<1	<1	<1	<0.0001	5.77	<0.001	0.018	0.034	0.27	2.28	0.002	0.744	0.335	3.64	<0.001
DUP01/20150908	C07	8/09/2015	95	<1	<1	<1	<1	<0.0001	7.56	0.001	0.018	0.033	0.18	2.63	0.002	0.897	0.428	5.4	<0.001
DUP01/20150922	C07	22/09/2015	120	<1	<1	<1	<1	<0.0001	9.44	0.001	0.014	0.042	0.19	2.12	0.004	0.819	0.452	9.38	<0.001
Dup02	C08	23/06/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUP02/20150617	C08	17/06/2015	285	<1	<1	<1	<1	<0.0001	22.6	0.003	0.012	0.044	0.24	1.2	0.005	4.25	0.612	5.06	0.001
DUP02/20150624	C08	24/06/2015	70	<1	<1	<1	<1	<0.0001	4.42	<0.001	0.008	0.016	0.24	0.913	0.001	1.47	0.194	2.39	<0.001
DUP02/20150630	C08	30/06/2015	24	<1	<1	<1	<1	<0.0001	1.09	<0.001	0.004	0.008	0.2	0.324	<0.001	0.505	0.077	0.86	<0.001
DUP02/20150707	C08	7/07/2015	16	<1	<1	<1	<1	<0.0001	0.49	<0.001	0.004	0.004	0.12	0.149	<0.001	0.3	0.048	0.63	<0.001
DUP02/20150714	C08	14/07/2015	10	<1	<1	<1	<1	<0.0001	0.41	<0.001	0.001	0.003	0.08	0.0458	<0.001	0.215	0.039	0.34	<0.001
DUP02/20150728	C08	28/07/2015	24	<1	<1	<1	<1	<0.0001	0.88	<0.001	0.002	0.007	0.09	0.0582	<0.001	0.3	0.068	0.76	<0.001
DUP02/20150811	C08	11/08/2015	27	<1	<1	<1	<1	<0.0001	1.65	<0.001	0.003	0.012	0.1	0.0687	<0.001	0.356	0.104	1.34	<0.001
DUP02/20150825	C08	25/08/2015	57	<1	<1	<1	<1	<0.0001	2.9	<0.001	0.003	0.02	0.12	0.0808	<0.001	0.472	0.183	3.14	<0.001
DUP02/20150908	C08	8/09/2015	73	<1	<1	<1	<1	<0.0001	5.64	<0.001	0.002	0.037	0.09	0.101	0.001	0.585	0.264	2.94	<0.001
DUP02/20150922	C08	22/09/2015	326	<1	<1	<1	<1	<0.0001	31.4	0.005	0.002	0.088	0.08	0.175	0.016	1.08	0.669	6.21	<0.001
Dup03	C09	23/06/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUP03/20150617	C09	17/06/2015	3	86	<1	<1	86	<0.0001	0.04	<0.001	0.016	<0.001	0.06	0.006	<0.001	0.005	0.001	<0.05	<0.001
DUP03/20150624	C09	24/06/2015	7	47	<1	<1	47	<0.0001	0.05	<0.001	0.004	<0.001	<0.05	0.0029	<0.001	0.002	<0.001	<0.05	<0.001
DUP03/20150630	C09	30/06/2015	4	33	<1	<1	33	<0.0001	0.02	<0.001	0.002	<0.001	<0.05	0.0009	<0.001	<0.001	<0.001	<0.05	<0.001
DUP03/20150707	C09	7/07/2015	5	30	<1	<1	30	<0.0001	0.04	<0.001	0.002	<0.001	<0.05	0.0003	<0.001	<0.001	<0.001	<0.05	<0.001
DUP03/20150714	C09	14/07/2015	8	34	<1	<1	34	<0.0001	0.05	<0.001	0.003	<0.001	<0.05	0.0004	<0.001	<0.001	<0.001	<0.05	<0.001
DUP03/20150728	C09	28/07/2015	5	32	<1	<1	32	<0.0001	0.04	<0.001	0.004	<0.001	<0.05	0.0003	<0.001	<0.001	<0.001	<0.05	<0.001
DUP03/20150811	C09	11/08/2015	5	37	<1	<1	37	<0.0001	0.09	<0.001	0.005	<0.001	<0.05	0.0003	0.001	<0.001	<0.001	<0.05	<0.001
DUP03/20150825	C09	25/08/2015	4	36	<1	<1	36	<0.0001	0.05	<0.001	0.005	<0.001	0.08	0.0005	<0.001	<0.001	<0.001	<0.05	<0.001
DUP03/20150908	C09	8/09/2015	4	38	<1	<1	38	<0.0001	0.06	<0.001	0.009	<0.001	0.07	0.0004	<0.001	<0.001	<0.001	<0.05	<0.001
DUP03/20150922	C09	22/09/2015	4	37	<1	<1	37	<0.0001	0.06	<0.001	0.008	<0.001	0.09	0.0004	<0.001	<0.001	<0.001	<0.05	<0.001

			Inorganics									Field Parameters				Anions and Cations									
			Manganese (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)		Iron (ferrous)	Dissolved Oxygen (Field)	Dissolved Oxygen (Field) (Filtered)	Electrolytic Conductivity (Field)	pH (Field)	Redox Potential (Field)	Temp (Field)	Total Anions	Total Cations	Ionic Balance (Lab)	Sodium (Filtered)	Potassium (Filtered)	Calcium (Filtered)	Magnesium (Filtered)	Sulphate (as SO4) (Filtered)	Chloride
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	uS/cm	pH_Units	mV	oC	meq/L	meq/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Estimated Quantitation Limit			0.001	0.001	0.01	0.01	0.005	0.05	0.05							0.01	0.01	0.01	1	1	1	1	1	1
127613066 DSM BU: PCR Health			0.5	0.02	0.01	0.078	4.7																500	
127613066 DSM BU: PCR Health x 10			5	0.2	0.1	0.78	47																5000	
ANZECC 2000 Freshwater 95%			1.9	0.011	0.011		0.008																	
Field_ID	**Column**	**Sample date**																						
C01	C01	23/06/2015	-	-	-	-	-	-	-	7.53	-	1724	4.34	245	14.6	-	-	-	-	-	-	-	-	-
C01/20150617	C01	17/06/2015	9.43	13	0.13	<0.01	27.2	0.29	5.76	7.22	-	5830	4.08	271	13.6	94.7	85.5	5.1	344	21	140	766	3960	434
C01/20150624	C01	24/06/2015	2.3	2.93	0.02	<0.01	6.59	0.05	0.48	6.54	-	1807	4.38	271	14.4	22.5	21.9	1.51	90	7	43	190	970	83
C01/20150630	C01	30/06/2015	0.778	0.973	0.01	<0.01	2.3	<0.05	0.42	8.53	-	781	4.64	324	11.7	8.49	7.68	5.03	35	6	18	62	367	30
C01/20150707	C01	7/07/2015	0.535	0.705	<0.01	<0.01	1.75	<0.05	0.31	8.8	-	584	4.59	323	11	5.85	5.68	1.47	24	4	15	46	260	14
C01/20150714	C01	14/07/2015	0.503	0.645	<0.01	<0.01	1.67	<0.05	0.42	6.87	-	536	4.59	205	9.6	5.36	4.74	6.18	16	4	13	40	244	10
C01/20150728	C01	28/07/2015	0.548	0.778	<0.01	<0.01	2.13	0.15	0.85	8.99	-	518	4.11	302	10.7	6.06	5.67	3.31	10	4	17	46	283	6
C01/20150811	C01	11/08/2015	0.796	1.1	<0.01	<0.01	3.21	0.32	1.84	6.52	-	730	4	281	11.6	8.53	7.2	8.4	10	4	22	60	388	16
C01/20150825	C01	25/08/2015	0.979	1.28	0.01	<0.01	3.93	0.64	3.39	7.42	-	525	3.71	317	15	9.3	8.11	6.84	9	4	29	75	440	5
C01/20150908	C01	8/09/2015	1.06	1.46	0.02	<0.01	4.68	0.53	4.71	7.09	-	929	3.85	352	10.6	9.88	8.75	6.08	11	4	35	78	469	4
C01/20150922	C01	22/09/2015	0.002	<0.001	<0.01	<0.01	0.007	<0.05	5.33	6.47	-	1002	3.71	631	13.7	11.3	8.6	13.6	7	3	36	78	538	4
C02	C02	23/06/2015	-	-	-	-	-	-	-	8.53	-	1231	4.21	268	14.6	-	-	-	-	-	-	-	-	-
C02/20150617	C02	17/06/2015	5.94	8.48	0.08	<0.01	5.34	0.5	4.67	7.07	-	3960	4.02	276	13.5	58.1	55.5	2.33	236	10	62	509	2380	304
C02/20150624	C02	24/06/2015	2.5	3.36	0.02	<0.01	2.37	0.27	1.01	6.43	-	1836	4.19	280	14.4	25.1	23.8	2.64	102	4	29	217	1070	101
C02/20150630	C02	30/06/2015	1.07	1.39	0.01	<0.01	1.1	<0.05	0.85	7.09	-	967	4.3	324	11.6	11	9.58	6.78	43	2	15	84	485	31
C02/20150707	C02	7/07/2015	0.763	1.02	<0.01	<0.01	0.883	0.17	0.75	6.79	-	749	4.24	327	11	8.1	7.64	2.93	29	2	13	69	370	14
C02/20150714	C02	14/07/2015	0.694	0.913	<0.01	<0.01	0.882	0.16	0.92	6.73	-	679	4.15	308	9.6	6.85	5.92	7.27	19	2	12	54	318	8
C02/20150728	C02	28/07/2015	0.822	1.17	<0.01	<0.01	1.36	0.46	2	7.1	-	671	4	322	10.7	7.82	7.21	4.07	14	2	18	66	369	5
C02/20150811	C02	11/08/2015	0.772	1.1	<0.01	<0.01	1.51	0.54	3.96	6.36	-	712	3.72	331	11.5	8.45	7.26	7.54	9	1	18	62	399	5
C02/20150825	C02	25/08/2015	0.805	1.05	0.01	<0.01	1.73	1.32	6.23	7.29	-	654	3.78	333	15	8.37	6.81	10.3	7	1	21	66	398	3
C02/20150908	C02	8/09/2015	0.752	0.954	0.01	<0.01	1.68	1.22	8.74	7.27	-	785	3.69	358	10.6	7.78	6.71	7.37	5	<1	23	65	371	2
C02/20150922	C02	22/09/2015	0.771	0.967	0.01	<0.01	1.99	2.4	10.4	6.72	-	841	3.6	371	13.7	8.05	8.33	1.69	4	<1	24	62	384	2
C03	C03	23/06/2015	-	-	-	-	-	-	-	7.56	-	1676	4.42	251	14.7	-	-	-	-	-	-	-	-	-
C03/20150617	C03	17/06/2015	30.2	5.64	0.11	<0.01	4.21	0.73	6.17	7.65	-	3060	4.06	278	13.5	84.2	75.3	5.59	211	14	114	730	3720	239
C03/20150624	C03	24/06/2015	8.56	1.28	0.01	<0.01	1.32	0.77	2.35	6.56	-	1662	4.4	256	14.5	20.9	20.4	1.32	67	6	33	190	941	46
C03/20150630	C03	30/06/2015	2.47	0.354	<0.01	<0.01	0.394	<0.05	1.04	6.32	-	529	4.66	281	11.6	6.48	5.6	7.27	21	3	10	50	295	12
C03/20150707	C03	7/07/2015	1.62	0.208	<0.01	<0.01	0.262	0.11	0.6	6.37	-	389	4.61	291	11	3.91	3.5	5.57	12	3	7	31	177	8
C03/20150714	C03	14/07/2015	1.65	0.212	<0.01	<0.01	0.284	0.05	0.62	5.94	-	309	4.56	278	9.7	3.63	2.93	-	7	2	7	27	169	4
C03/20150728	C03	28/07/2015	3.08	0.405	<0.01	<0.01	0.646	0.06	0.72	7.16	-	539	4.19	333	10.8	6.36	6.04	2.55	6	3	17	54	300	4
C03/20150811	C03	11/08/2015	4.26	0.476	<0.01	<0.01	0.894	0.16	1.55	6.86	-	669	3.9	338	11.6	8.22	6.53	11.4	6	4	23	61	388	5
C03/20150825	C03	25/08/2015	5.62	0.576	0.01	<0.01	1.36	<0.05	1.45	6.92	-	726	3.83	388	15.1	9.09	7.89	7.1	4	3	31	74	434	2
C03/20150908	C03	8/09/2015	14.4	1.33	0.08	<0.01	4.06	1.12	1.43	7.33	-	1741	3.38	503	10.6	20.5	16	12.3	4	3	72	148	985	<1
C03/20150922	C03	22/09/2015	18.7	1.71	0.32	<0.01	10.7	24.3	4.97	6.24	-	2910	3.01	523	13.7	47.3	30.9	21	3	2	83	144	2270	<1

			Inorganics									Field Parameters				Anions and Cations								
			Manganese (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)		Iron (ferrous)	Dissolved Oxygen (Field)	Dissolved Oxygen (Field) (Filtered)	Electrolytic Conductivity (Field)	pH (Field)	Redox Potential (Field)	Temp (Field)	Total Anions	Total Cations	Ionic Balance (Lab)	Sodium (Filtered)	Potassium (Filtered)	Calcium (Filtered)	Magnesium (Filtered)	Sulphate (as SO4) (Filtered)	Chloride
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	uS/cm	pH_Units	mV	oC	meq/L	meq/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Estimated Quantitation Limit			0.001	0.001	0.01	0.01	0.005	0.05	0.05							0.01	0.01	0.01	1	1	1	1	1	1
127613066 DSM BU: PCR Health			0.5	0.02	0.01	0.078	4.7																500	
127613066 DSM BU: PCR Health x 10			5	0.2	0.1	0.78	47																5000	
ANZECC 2000 Freshwater 95%			1.9	0.011	0.011		0.008																	
Field_ID	**Column**	**Sample date**																						
C04	C04	23/06/2015	-	-	-	-	-	-	-	8.23	-	2065	4.72	264	14.7	-	-	-	-	-	-	-	-	-
C04/20150617	C04	17/06/2015	37.3	7.07	0.14	<0.01	41.8	0.08	1.4	7.93	-	3100	4.59	266	13.7	122	106	6.99	304	82	273	940	5330	400
C04/20150624	C04	24/06/2015	12.3	1.91	0.02	<0.01	12.4	<0.05	0.22	7.29	-	2720	4.8	259	14.4	39	37.3	2.16	105	40	102	324	1730	105
C04/20150630	C04	30/06/2015	4.34	0.585	0.01	<0.01	4.08	<0.05	0.18	7.1	-	945	4.92	308	11.7	11.1	10.4	3.42	34	21	31	83	506	21
C04/20150708	C04	8/07/2015	2.41	0.355	<0.01	<0.01	2.59	<0.05	0.14	7.66	-	659	4.65	307	8.3	6.61	6.38	1.72	16	18	19	52	297	15
C04/20150715	C04	15/07/2015	3.13	0.393	<0.01	<0.01	3.1	<0.05	0.11	7.19	-	698	4.36	341	7.8	7.22	6.58	4.66	10	19	21	56	340	5
C04/20150729	C04	29/07/2015	5.62	0.812	0.01	<0.01	6.94	<0.05	0.46	7.66	-	969	4.29	308	10.3	11.6	11	2.57	6	18	45	95	552	3
C04/20150811	C04	11/08/2015	8.22	1.05	0.01	<0.01	8.84	0.24	1.13	9.49	-	1145	4	359	11.6	15.8	13.2	9	7	22	59	114	755	3
C04/20150825	C04	25/08/2015	9.1	0.938	0.02	<0.01	8.71	0.35	2.03	7.03	-	1012	4.12	348	15.2	13.9	12.4	5.45	6	15	58	108	663	2
C04/20150908	C04	8/09/2015	10.3	0.989	0.03	<0.01	9.88	0.33	2.78	7.35	-	1137	4.04	372	10.7	13.6	11.8	6.92	5	12	60	101	650	2
C04/20150922	C04	22/09/2015	11.6	0.863	0.03	<0.01	9.21	1.38	3.5	6.77	-	1244	3.09	384	13.7	13.9	13.9	0.27	5	10	65	98	665	1
C05	C05	23/06/2015	-	-	-	-	-	-	-	8	-	1202	6.25	217	14.7	-	-	-	-	-	-	-	-	-
C05/20150617	C05	17/06/2015	0.22	0.014	0.02	<0.01	0.01	<0.05	<0.05	8.58	-	3130	6.45	197	13.7	20.3	20.5	0.48	311	12	44	54	798	70
C05/20150624	C05	24/06/2015	0.068	0.001	0.02	<0.01	0.008	<0.05	<0.05	7.79	-	1225	6.73	188	14.5	13	12.8	0.66	203	7	26	31	522	48
C05/20150630	C05	30/06/2015	0.04	<0.001	<0.01	<0.01	0.006	<0.05	<0.05	6.85	-	928	6.76	199	11.7	9.5	8.69	4.44	135	5	21	20	395	21
C05/20150707	C05	7/07/2015	0.026	<0.001	<0.01	<0.01	<0.005	<0.05	<0.05	6.81	-	573	6.56	206	11.1	5.43	5.39	0.44	85	4	12	12	216	9
C05/20150715	C05	15/07/2015	0.02	<0.001	<0.01	<0.01	0.007	<0.05	<0.05	6.75	-	447	6.54	245	7.9	4.25	3.93	4.03	60	3	10	9	162	5
C05/20150728	C05	28/07/2015	0.023	<0.001	<0.01	<0.01	0.007	<0.05	<0.05	7.63	-	389	6.46	224	10.9	4.09	4.1	0.06	52	4	15	12	158	3
C05/20150811	C05	11/08/2015	0.016	<0.001	<0.01	<0.01	0.007	<0.05	<0.05	8.44	-	310	6.05	211	11.8	3.45	3.18	4.11	40	4	12	9	123	4
C05/20150825	C05	25/08/2015	0.014	<0.001	<0.01	<0.01	0.007	<0.05	<0.05	6.9	-	262	6.7	217	15.2	2.83	2.59	4.38	27	3	12	9	97	1
C05/20150908	C05	8/09/2015	0.012	<0.001	<0.01	<0.01	0.006	<0.05	<0.05	6.9	-	249.5	6.61	252	10.7	2.45	2.19	5.53	22	3	10	8	82	<1
C05/20150922	C05	22/09/2015	0.012	<0.001	<0.01	<0.01	0.011	<0.05	<0.05	6.34	-	253.1	6.43	283	13.8	2.28	2.11	3.89	19	3	11	8	75	<1
C06	C06	23/06/2015	-	-	-	-	-	-	-	8.54	-	1130	6.67	192	14.8	-	-	-	-	-	-	-	-	-
C06/20150617	C06	17/06/2015	0.564	0.014	0.08	<0.01	0.086	<0.05	<0.05	8.19	-	3070	6.54	172	13.7	69.7	65.9	2.86	898	45	152	220	2840	289
C06/20150624	C06	24/06/2015	0.119	0.001	<0.01	<0.01	0.051	<0.05	<0.05	6.93	-	1589	7.58	160	14.5	17.9	17.4	1.48	288	17	29	36	612	59
C06/20150630	C06	30/06/2015	0.067	<0.001	<0.01	<0.01	0.015	<0.05	<0.05	6.96	-	848	7.3	183	11.8	9.45	8.28	6.68	123	11	20	20	329	8
C06/20150708	C06	8/07/2015	0.099	0.001	<0.01	<0.01	0.012	<0.05	<0.05	7.44	-	682	6.89	223	8.2	7.88	7.62	1.68	74	13	32	30	272	9
C06/20150715	C06	15/07/2015	0.1	<0.001	<0.01	<0.01	0.013	<0.05	<0.05	6.95	-	477	7.03	230	7.8	5.59	4.96	6.03	25	11	29	26	186	<1
C06/20150729	C06	29/07/2015	0.102	0.001	<0.01	<0.01	0.021	<0.05	<0.05	7.16	-	626	6.7	207	10.3	7.58	7.16	2.81	14	13	57	41	303	1
C06/20150812	C06	12/08/2015	0.063	<0.001	<0.01	<0.01	0.024	<0.05	<0.05	7.16	-	480	6.64	184	12.1	6.06	5.3	6.68	10	13	43	29	225	2
C06/20150825	C06	25/08/2015	0.038	<0.001	<0.01	<0.01	0.024	<0.05	<0.05	6.69	-	388	7.12	211	15.3	4.02	3.81	2.7	7	9	31	21	126	<1
C06/20150908	C06	8/09/2015	0.026	<0.001	<0.01	<0.01	0.019	<0.05	<0.05	7.64	-	256	6.83	219	10.8	3.06	2.72	5.76	6	7	21	15	84	1
C06/20150922	C06	22/09/2015	0.019	<0.001	<0.01	<0.01	0.019	<0.05	<0.05	6.12	-	276	6.72	290	13.9	2.8	2.46	6.34	5	7	20	13	73	<1
Dup01	C07	23/06/2015	-	-	-	-	-	-	-	7.76	-	1364	4.52	273	14.7	-	-	-	-	-	-	-	-	-

			Inorganics									Field Parameters				Anions and Cations									
			Manganese (Filtered)	Nickel (Filtered)	Selenium (Filtered)	Vanadium (Filtered)	Zinc (Filtered)		Iron (ferrous)	Dissolved Oxygen (Field)	Dissolved Oxygen (Field) (Filtered)	Electrolytic Conductivity (Field)	pH (Field)	Redox Potential (Field)	Temp (Field)	Total Anions	Total Cations	Ionic Balance (Lab)	Sodium (Filtered)	Potassium (Filtered)	Calcium (Filtered)	Magnesium (Filtered)	Sulphate (as SO4) (Filtered)	Chloride
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	uS/cm	pH_Units	mV	oC	meq/L	meq/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Estimated Quantitation Limit			0.001	0.001	0.01	0.01	0.005	0.05	0.05							0.01	0.01	0.01	1	1	1	1	1	1
127613066 DSM BU: PCR Health			0.5	0.02	0.01	0.078	4.7																500	
127613066 DSM BU: PCR Health x 10			5	0.2	0.1	0.78	47																5000	
ANZECC 2000 Freshwater 95%			1.9	0.011	0.011		0.008																	
Field_ID	**Column**	**Sample date**																						
DUP01/20150617	C07	17/06/2015	7.42	10.1	0.09	<0.01	21.9	0.39	4.22	7.66	-	4020	4.13	267	14	75.9	71.6	2.96	289	19	117	640	3150	366
DUP01/20150624	C07	24/06/2015	3.56	4.45	0.03	<0.01	10.3	0.12	0.55	7.1	-	2290	4.62	244	14.3	32.7	30.1	4.11	118	9	61	264	1400	126
DUP01/20150630	C07	30/06/2015	1.07	1.3	<0.01	<0.01	3.4	<0.05	0.38	7.03	-	1044	4.77	304	11.8	11.3	10.4	4.23	50	6	24	83	487	40
DUP01/20150707	C07	7/07/2015	0.603	0.776	<0.01	<0.01	2	<0.05	0.32	7.43	-	626	4.78	298	11.2	6.75	6.42	2.52	29	5	15	52	301	17
DUP01/20150714	C07	14/07/2015	0.506	0.658	<0.01	<0.01	1.72	0.05	0.28	6.67	-	558	4.97	261	9.6	5.4	4.88	5.15	18	4	14	40	246	10
DUP01/20150728	C07	28/07/2015	0.728	1.02	<0.01	<0.01	2.74	0.14	0.74	7.36	-	631	4.41	320	10.8	7.44	6.93	3.56	15	5	21	61	344	10
DUP01/20150811	C07	11/08/2015	0.859	1.17	<0.01	<0.01	3.28	0.15	1.36	6.74	-	665	4	335	11.9	9.43	7.7	10.1	13	6	26	69	442	8
DUP01/20150825	C07	25/08/2015	1.07	1.36	0.01	<0.01	4.35	0.44	3.2	7.05	-	895	4.08	330	15.2	10.4	9.01	7.4	10	5	34	82	495	5
DUP01/20150908	C07	8/09/2015	1.14	1.58	0.02	<0.01	5.04	0.5	4.9	7.22	-	914	3.81	329	10.7	10.5	9.24	6.33	7	5	38	84	497	5
DUP01/20150922	C07	22/09/2015	1.05	1.32	0.02	<0.01	4.77	1.38	8	6.48	-	997	3.77	365	13.6	10.6	10.7	0.15	6	4	40	80	506	4
Dup02	C08	23/06/2015	-	-	-	-	-	-	-	8.07	-	1694	4.59	262	14.7	-	-	-	-	-	-	-	-	-
DUP02/20150617	C08	17/06/2015	22.2	4.66	0.08	<0.01	4.41	0.28	4.78	8.34	-	1704	4.11	274	14.1	62.5	59.7	2.28	161	13	97	578	2750	186
DUP02/20150624	C08	24/06/2015	7.68	1.56	0.02	<0.01	2.22	0.58	1.81	7.12	-	1716	4.6	243	14.3	21.4	21	1.2	74	6	39	190	952	58
DUP02/20150630	C08	30/06/2015	3.15	0.559	<0.01	<0.01	0.891	0.07	0.79	6.93	-	796	4.75	281	11.7	8.72	8.01	4.26	31	4	16	70	389	22
DUP02/20150707	C08	7/07/2015	1.77	0.325	<0.01	<0.01	0.518	<0.05	0.59	6.62	-	496	4.72	282	11.2	5.34	4.77	5.65	17	3	10	42	243	10
DUP02/20150714	C08	14/07/2015	1.48	0.215	<0.01	<0.01	0.321	<0.05	0.31	6.74	-	363	4.68	271	9.6	3.58	2.71	-	7	2	6	25	164	6
DUP02/20150728	C08	28/07/2015	1.98	0.296	<0.01	<0.01	0.524	0.06	0.7	7.03	-	403	4.37	317	10.9	4.23	3.91	3.98	6	2	11	37	195	6
DUP02/20150811	C08	11/08/2015	2.7	0.341	<0.01	<0.01	0.695	0.11	1.23	7.15	-	505	4.01	347	11.9	6.39	4.74	14.9	6	3	14	45	299	6
DUP02/20150825	C08	25/08/2015	3.83	0.444	<0.01	<0.01	1.11	0.21	2.93	7.01	-	632	4.06	332	15.2	6.99	5.91	8.34	4	2	20	57	333	2
DUP02/20150908	C08	8/09/2015	5.28	0.534	0.01	<0.01	1.52	0.05	2.89	7.11	-	806	3.78	365	10.7	8.61	7.68	5.74	4	2	29	73	411	2
DUP02/20150922	C08	22/09/2015	11	0.96	0.08	<0.01	3.9	4.01	2.2	5.77	-	1712	3.27	487	13.7	18.8	17.7	3.26	4	1	60	123	904	1
Dup03	C09	23/06/2015	-	-	-	-	-	-	-	8.09	-	1121	6.06	221	14.5	-	-	-	-	-	-	-	-	-
DUP03/20150617	C09	17/06/2015	0.212	0.013	0.03	<0.01	0.011	<0.05	<0.05	8.16	-	3200	6.66	201	14.1	18.7	18.5	0.61	280	10	41	49	733	62
DUP03/20150624	C09	24/06/2015	0.08	0.003	0.02	<0.01	0.01	<0.05	<0.05	8.73	-	1176	6.7	176	14.2	12.1	11.9	0.6	184	6	26	30	480	40
DUP03/20150630	C09	30/06/2015	0.046	<0.001	<0.01	<0.01	0.007	<0.05	<0.05	6.72	-	839	6.64	193	11.7	8.73	7.81	5.59	122	5	18	18	354	25
DUP03/20150707	C09	7/07/2015	0.029	<0.001	<0.01	<0.01	0.006	<0.05	<0.05	7.02	-	535	6.47	204	11.2	5.14	5.04	1.01	79	4	12	11	206	9
DUP03/20150714	C09	14/07/2015	0.019	<0.001	<0.01	<0.01	0.007	<0.05	<0.05	6.63	-	435	6.86	180	9.5	4.03	3.75	3.58	59	3	9	8	154	5
DUP03/20150728	C09	28/07/2015	0.021	<0.001	<0.01	<0.01	0.005	<0.05	<0.05	6.85	-	340	6.59	218	10.9	3.3	3.32	0.36	45	3	11	9	125	2
DUP03/20150811	C09	11/08/2015	0.016	0.001	<0.01	<0.01	0.008	<0.05	<0.05	7.85	-	258	6.04	246	12	2.73	2.66	1.34	37	3	8	7	93	2
DUP03/20150825	C09	25/08/2015	0.017	<0.001	<0.01	<0.01	0.006	<0.05	<0.05	6.66	-	268	6.65	222	15.2	2.52	2.28	5.05	27	3	9	7	85	1
DUP03/20150908	C09	8/09/2015	0.012	<0.001	<0.01	<0.01	0.008	<0.05	<0.05	7.14	-	205.9	6.51	236	10.7	2.24	2.01	5.29	24	3	8	6	71	<1
DUP03/20150922	C09	22/09/2015	0.015	<0.001	<0.01	<0.01	0.016	<0.05	<0.05	6.32	-	274.4	6.41	384	13.8	2.22	2.02	4.63	20	3	10	7	71	<1

APPENDIX E

Preliminary Spoil Volume Estimate Report

21 April 2016
Report No. 1525532-217-R-Rev2

E1.0 INTRODUCTION

Golder Associates Pty Ltd (Golder) has prepared this technical memorandum (TM) at the request of Aurecon Jacobs Mott McDonald Joint Venture (AJM JV) to provide a preliminary spoil volume estimate of potential Contaminated Soil (CS) and Waste Acid Sulfate Soil (WASS) (i.e. regulated soil & rock wastes) that are expected be generated by tunnelling and insitu excavation as part of the Melbourne Metro Rail Project (Melbourne Metro) Concept Design.

The Melbourne Metro Rail Project (Melbourne Metro) is a proposed new twin rail tunnel approximately 9 km in length between Kensington in the west and South Yarra in the east. The Melbourne Metro Concept Design is proposed to be connected into the existing rail network near South Kensington Station, run beneath North Melbourne and Parkville, then continue south beneath Swanston Street, under the Yarra River, south and beneath St Kilda Road, then East beneath Toorak Road and Fawkner Park. The alignment is proposed to then connect to the existing rail network at South Yarra.

The Melbourne Metro Concept Design (reference drawings 2.3.dated 28/10/2015) has been used for the volume estimate with the segments defined in drawing 1525532-012-D-Rev7 as follows:

- Western Portal (Segment 1, Segment 2 & Segment 3)
- Arden Station (Segment 7)
- Parkville Station (Segment 10)
- CBD North-Station (Segment 12)
- CBD South-Station (Segment 14)
- Domain Station (Segment 20)
- Eastern Portal (Segment 23)
- Twin rail TBM tunnel (Segment 4 to Segment 22)

E2.0 OBJECTIVE

The objective of this TM is to provide a preliminary spoil volume estimate of potential CS and WASS expected to be generated by tunnelling and insitu excavation as part of the Melbourne Metro Concept Design, by providing the following:

- An estimate of the in situ volume (bank m^3) using available information and the areas defined by AJM JV for a 'best case', 'likely case' and 'possible high case' for the following materials:
  - Potential CS to be removed during constructions works of Stations and Portals.
  - Potential WASS to be removed during construction of the Twin Rail Tunnels, Stations & Portals separated in soil and rock material.
- An estimate of the volume that may;
  - require onsite or offsite management/disposal
  - be removed from the western and south eastern ends of the Melbourne Metro.
- An estimate of density of materials that is expected to apply for the offsite disposal planning.

It is envisaged that this preliminary spoil volume estimate would be used to conjunction with the Spoil Management Plan to inform AJM JV decisions around spoil management and disposal planning for the construction phase of the Melbourne Metro.

This document does not provide assessment of ground conditions along the Melbourne Metro, or any other issues that may be encountered during the works, such as management, disposal and reuse of other waste materials, groundwater and surface water contamination.

E3.0 BACKGROUND

The ground conditions along the Melbourne Metro alignment (twin tunnels, station boxes and portals) are interpreted to be highly variable, with materials expected to be encountered comprising high strength basalt, very soft clay and contaminated heterogeneous fill. Furthermore, most geological units expected to be encountered have inherent variability (for example various weathering profiles within the same rock formation).

This variability is likely to require a range of excavation and tunnelling techniques, which would affect the nature (i.e. particle size distribution, moisture content and chemical composition) of the spoil produced. To reflect this range of conditions with respect to construction methods and nature of spoil, in this TM we have considered the following:

- With the exception of the mined tunnels between CBD North and CBD South stations, all of the twin tunnels are excavated using earth pressure balance (EPB), slurry or mixed shield Tunnel Boring Machines (TBMs).
- Where the TBM is passing through hard materials (i.e. slightly weathered or fresh Melbourne Formation), the spoil would resemble a moist sandy gravel. For the sections of the alignment where the TBM is be passing through mixed face conditions or soft soil, the TBM would need to be operated in closed mode, and the spoil would be wet and could be mixed with additives such as conditioning agents or bentonite (depending on the machine type and how it is operated through these areas).
- The section of mined tunnels between CBD North and CBD South Stations, as well as the station caverns and shafts are to be excavated using road headers.
- The western and eastern portals, CBD North and CBD South station shafts and the station boxes for Arden, Parkville and Domain Stations are expected to be excavated using hydraulic breakers and excavators.
- It is assumed that there would be limited opportunity for onsite treatment, separation &/or re-use of spoil and that logistical constraints would limit the ability to stockpile large volumes of spoil within the construction corridor. This would be particularly difficult during the excavation of the station caverns and shafts using road headers.
- Spoil from the Western Portal to CBD South Station has been assumed to be transported to the west. Spoil from Yarra River Crossing to the Eastern Portal has been assumed to be transported to the south east.

E4.0 REGULATORY REQUIREMENTS

An overview of the statutory framework relevant to waste spoil classifications is not presented in this EES technical appendices.

E5.0 SPOIL CLASSIFICATION

In order to provide to support spoil management planning, we have considered that the spoil generated by excavation and tunnelling would fall in one of the following main categories, regardless of the particular point of origin and excavation method:

1) Fill Material (i.e. soil, gravel and rock of naturally occurring materials).

2) Prescribed Industrial Waste (i.e. contaminated soil, gravel and rock).

3) Waste Acid Sufate Soils (WASS);

   a. Acid Sulfate Soils (ASS) - Actual Acid Sulfate Soil (AASS) or Potential Acid Sulfate Soil (PASS).

   b. Acid Sulfate Rock (ASR).

The Contaminated Land EES Summary Report presents our assessment of environmental conditions relating to contamination and waste acid sulfate soils for the Melbourne Metro Concept Design. A summary of data relating to significant spoil generating areas and our interpretation of the relative confidence in the existing the Melbourne Metro Concept Design soil data, to support this modelling, is discussed in Attachment E1 of this document.

E6.0 VOLUME ESTIMATES

E6.1 Methodology

Golder developed volume models for the fill horizon and for the geological materials based on the Melbourne Metro Concept Design.

The volume estimate for geological materials have been estimated by taking the interpretative geological long sections (1525532-012-D-Rev7-F001-F0018, dated 05-11-2015), then digitised in three dimensions (3D polygon) and then extruding it around the Melbourne Metro Concept Design (i.e. Tunnels and Stations etc.) using GoCAD (See Figure E1). The volume estimate for the fill horizon has been estimated by taking the spatial areas from Melbourne Metro Concept Design (reference drawings; revision 3.3), and fill depth from the soil logs to estimate a low, medium and high fill depth for each segment.

A risk approach was then taken to estimate overall spoil volume for each case (‘*best case’, ‘likely case’* and *‘possible high case’*) including the assignment of possible waste categories based on a professional judgement, review of site history and environmental setting, available environmental data and confidence in the data set. The spoil volume categories:

- *‘likely case’* - represents the likely spoil volume without being conservative.
- *‘possible high case’* – represents a conservative case, but not extreme high spoil volume.
- *‘best case’* – represents a possible best outcome with some regulatory waste re-classification.

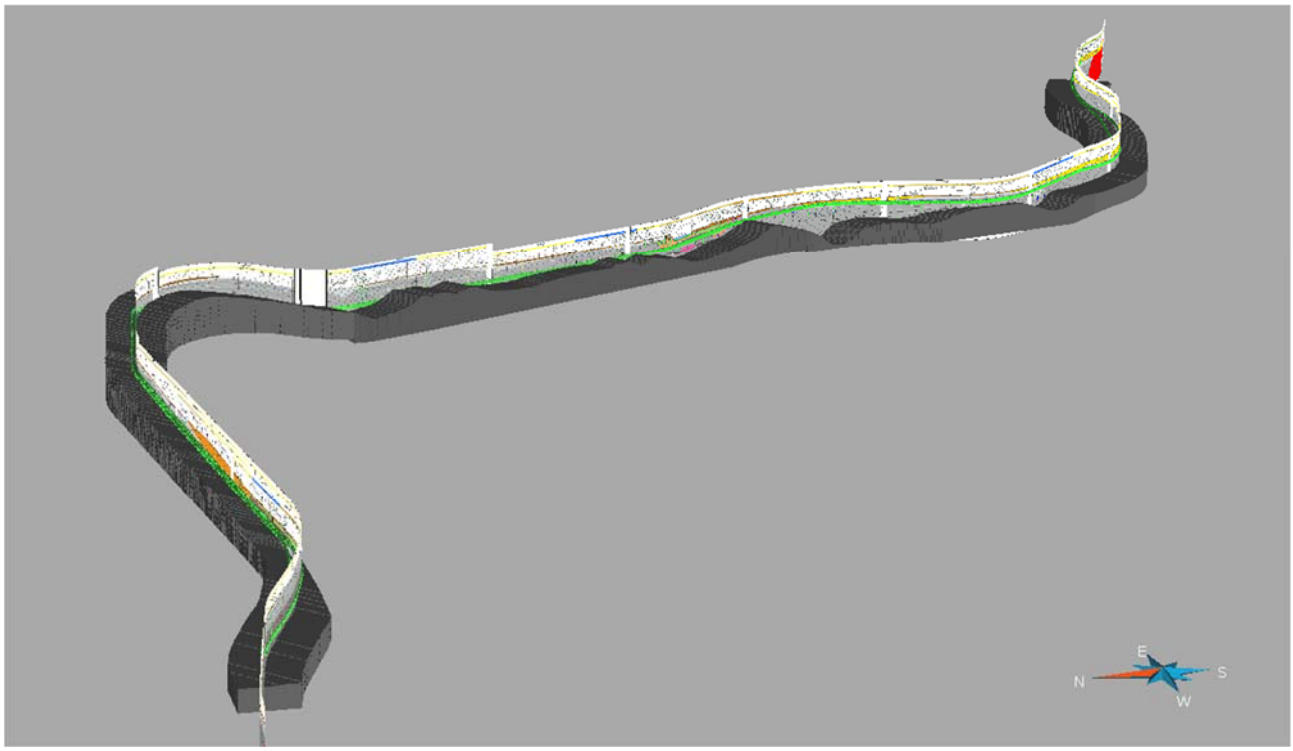


Figure E1- Snap Shot of Geological Long Section digitised for the Melbourne Metro Concept Design

The following information has been considered in developing the volumes:

- Potential contamination history and issues that may exist associated with each excavation area to be a source of contamination (CS) that could affect project schedule or cost, as presented in document (.
- Inferred geological profile, as presented in document 1525532-012-D-Rev7-F001-F0018, dated 05-11-2015.
- Contamination analytical data and depth of fill in the EES Summary Report, and summarised in Attachment E1.
- The lateral and vertical extents of the Melbourne Metro Concept Design provided in AJM JV as follows:
  - Tunnel alignment based on proposed rail alignment (revision 2.3) sourced from AJM JV, file <MMR-AJM-PWAA-M2-DD-D08000-TRACK.DWG> and <MMR-AJM-PWAAM2-DD-D08000-PROF.DWG>, received by Golder Associates 28-10-2015.
  - Tunnel infrastructure sourced from AJM-JV file <MMR-AJM-PWAA-M2-CS-D05000-TNNL-STR.dwg>, received by Golder 16-11-2015.
  - Station extents (revision 3.3) sourced from AJM JV, file <MMR-AJMPMAA M2-DD-D05000_STN_EXTENT.dwg>, received by Golder Associates 16-11-2015.
  - Topography, from Vicmap 2013.
- Inferred segments defined in drawing 1525532-012-D-Rev7 for waste classification.

In particular, when developing the possible soil waste category distribution for each domain, the following information was considered:

- Category of soil results from previous soil sampling.

- Overall number of soil results and their possible distribution between fill horizon for contaminated soil and within the natural sediments and rock for WASS.
- Possible extent and depth of the likely cut areas as part of the design.
- The site history and use of the area and surrounding area. For example; segments in former industrial zones such as Arden Station (Segment 7) would be assigned a higher contamination distribution than sites further away from the Project Area surrounded by predominately residential properties.

E6.2 Volume Estimates

E6.2.1 Summary of Volumes

This section provides the volume estimates for PIW and WASS for the Melbourne Metro Concept Design (See Table E1). A breakdown of the volume estimates is provided in Attachment D2.

Table E1: Total Volume Estimate of PIW and WASS – Melbourne Metro Concept Design

	'Best case' (bank m^3)	**'Likely case' (bank m^3)**	**'Possible high case' (bank m^3)**
WASS			
ASS	**40,000**	**40,000**	**50,000**
ASR	**330,000**	**380,000**	**500,000**
PIW			
Cat C	46,500	74,000	90,800
Cat B	3,000	13,500	26,100
Cat A	700	5,800	15,700
Total	**50,200**	**93,300**	**132,600**

**note due to rounding, numbers between tables may vary slightly.*

A breakdown of the estimated volume of PIW for each Segment is summarised in Table E2.

Table E2: Volume Estimate of PIW for Segments – Melbourne Metro Concept Design

Segment	Description	'Best case' (bank m^3)	'Likely case' (bank m^3)	'Possible high case' (bank m^3)
WEST				
1-3	Western Portal	6,000	9,000	18,000
7	Arden Station	16,000	27,000	32,000
10	Parkville Station	12,000	18,000	25,000
12	CBD North Station	3,000	9,000	16,000
13	CBD South Station	3,000	9,000	13,000
EAST				
20	Domain Station	7,000	14,000	21,000
23	Eastern Portal	3,000	5,000	7,800
Total for West		40,000	72,000	104,000
Total for East		10,000	19,000	28,800
Total		**50,000**	**91,000**	**132,800**

**note due to rounding, numbers between tables may vary slightly.*

A further breakdown of the estimated volume of PIW waste categories (Cat A, B and C) for each Segment is provided in Attachment E2.

Presented below are the volume estimates for ASS for each segment of the Melbourne Metro Concept Design (See Table E3 with volume estimate for ASR in Table E4.

Table E3: Volume Estimate of ASS for Segments – Melbourne Metro Concept Design

Segment	Description	'Best case' (bank m^3)	'Likely case' (bank m^3)	'Possible high case' (bank m^3)
WEST				
1-3	Western Portal	900	900	1,000
4-6 & 8-9	TBM Tunnels	900	900	1,000
7	Arden Station	29,800	31,500	35,000
10	Parkville Station	0	0	0
11	TBM Tunnels	0	0	0
12	CBD North Station	0	0	0
14	CBD South Station	0	0	0
13,15-16	TBM Tunnels	9,400	9,900	11,000
EAST				
17-19	TBM Tunnels	0	0	0
20	Domain Station	0	0	0
21-22	TBM Tunnels	0	0	0
23	Eastern Portal	0	0	0
Total for West		41,000	43,200	48,000
Total for East		0	0	0
Total		**41,000**	**43,200**	**48,000**

**note due to rounding, numbers between tables may vary slightly.*

Table E4: Volume Estimate of ASR for Segments – Melbourne Metro Concept Design

Segment	Description	'Best case' (bank m^3)	'Likely case' (bank m^3)	'Possible high case' (bank m^3)
WEST				
1-3	Western Portal	0	0	0
4-6 & 8-9	TBM Tunnels	8,000	9,000	12,000
7	Arden Station	0	0	0
10	Parkville Station	23,000	26,300	35,000
11	TBM Tunnels	47,000	54,000	72,000
12	CBD North Station	122,000	140,300	187,000
14	CBD South Station	47,000	54,000	72,000
13,15-16	TBM Tunnels	40,000	46,500	62,000
EAST				
17-19	TBM Tunnels	0	0	0
20	Domain Station	0	0	0
21-22	TBM Tunnels	41,000	47,000	63,000
23	Eastern Portal	0	0	0
Total for West		**287,000**	**330,100**	**440,000**
Total for East		**41,000**	**47,000**	**63,000**
Total		**328,000**	**377,100**	**503,000**

**note due to rounding, numbers between tables may vary slightly.*

The total volume of insitu spoil materials (excluding fill) for the Melbourne Metro Concept Design has been estimated from the geological long sections and digitised in three dimensions using GoCAD. The *estimated total volume is 1,900,000 bank m^3*. A breakdown for each geological unit and segment is provided in Attachment E2.

E6.2.2 Possible Specific Weights for regulated Waste Spoil Materials

Golder understands that the latest TBM equipment and associated slurry/spoil separation plants are adapted to the requirements of the tunnelling process and can separate the slurry suspension completely from the solid particles consisting of gravel, rock and sand in various grain sizes. On this basis the ranges of in situ unit weights in the table below can be used for preliminary spoil waste disposal calculations.

Table E5: Possible specific unit weights

Unit	Saturated Unit Weight (kN/m^3)
HW Melbourne Formation (MF3)	22 – 24
MW Melbourne Formation (MF2)	23 – 25
SW-FR Melbourne Formation (MF1)	25 – 27
Werribee Formation	19 – 20
Brighton Group	19 – 20
Moray Street Gravels	20 – 21
Alluvial Materials (i.e. including Fishermens Bend Silt)	17 – 19
Coode Island Silt	16 – 17

Unit	Saturated Unit Weight (kN/m^3)
Fill	18– 20

E6.2.3 Key Assumptions – Volume Estimates

Key assumptions and basis for the volume estimate are:

- All volumes presented are bank m^3, and no allowance or estimate of bulking factors for offsite disposal has been made.
- The assumed distribution of waste categories presented in the attached volume table (Attachment E2).
- None of the natural soils excavated from the Melbourne Metro Concept Design have been assumed to be contaminated (Category A, B or C);
- No systematic assessment of Asbestos has been undertaken for the Melbourne Metro; however it remains a potential contaminant of interest. Allowance would need to be made to appropriately manage suspected asbestos containing material (ACM). Where:
  - Suspected ACM is identified in fill (i.e. with no other chemical contamination); it may be disposed as asbestos-containing material. We have made no allowance in our model for this scenario.
  - Suspected ACM is identified during works in soils to be disposed offsite as contaminated soil, is to be disposed of as contaminated soil (Category A, B or C).
- The volume estimates have been provided for a 'best case', 'likely case' and 'possible high case', where a 'possible high case' represents a conservative case, but not extreme high spoil volume (or a worst case scenario).
- No allowance for the volume of spoil generated from:
  - Removal of pavement
  - Construction of temporary roads or piling rig platforms
  - Piling spoil
  - Installation of underground services
  - Other features (including shafts or access/safety tunnels) not identified in this model.
- No allowance for potential for dilution or increased volume of PIW associated the excavations of the station caverns using road headers, particularly for CBD North and South.
- No allowance for alluvial sediments in which tunnelling is expected to include the addition of muds and additives leading to generated of a potential slurry material for management.
- No allowance for the removal / demolition of above ground structures/platforms and associated materials.
- Depth of fill for each domain has been estimated based on previous investigation information, where available. Golder notes a number of previous locations are not within the proposed excavation profile or do not penetrate the fill horizon.
- The volume estimates are based on the Melbourne Metro Concept Design outlined in Section E6.1.

APPENDIX E1

Summary of Contamination Soil and ASR Data to support the Preliminary Spoil Estimate

The Golder Contamination Land –EES Summary Report presents all the data used for this assessment and their interpretation for the Melbourne Metro Reference Design.

Summary of Contamination Soil Data to support the Preliminary Spoil Estimate

The surface fill to be excavated as part of the Melbourne Metro is highly variable and has potential to be contaminated and difficult to separate within the Assessment Project construction constraints. As a consequence, it is likely the construction spoil associated with surface fill would need to be taken to a facility licensed to accept Prescribed Industrial Waste (PIW). Presented below is a tabulated summary of key data considered to assist with the development of the preliminary spoil estimate for CS.

Table E1-1: Summary of IWRG Soil Results within Excavation Areas

Segment	Description	Number of IWRG bores	No. of samples Analysed	Waste Category Based on Exceedance of IWRG Trigger Criteria- for Fill Horizon			
				Fill M	Cat C	Cat B	Cat A
1	Western Portal	2	6	3/6	3/6	0	0
2	Western Portal	1	3	0	1/3	1/3	1/3
3	Western Portal (includes shaft in area)	1	4	0	4/4	0	0
7	Arden station	9	27	6/27	19/27	1/27	1/27
10	Parkville station	2	5	2/5	3/5	0	0
12	CBD North- station at depth, excavation area has one bore close	9	27	8/27	18/27	1/27	0
14	CBD south excavated from beneath	9	20	5/20	13/20	1/20	1/20
20	Domain Station	10	19	2/19	4/19	7/19	6/19
23	Eastern Portal	2	5	1/5	4/5	0	0

Table E1-2: Summary of Depth of Fill (metres below ground level)

Segment	Description	Typical depth of fill range (mbgl)	Bore locations
1-3	Western Portal	0.3-3.0	GA11-BH001, GA11-BH002, GA11-BH003, GA11-BH005, GA11-BH031, GA11-BHE001, GA11-BHE002, GA11-BHE003, GA15-BH036, GA15-BH037, GA15-BH045, GA15-BH046, GA15-BH047, GA15-BH048 , GA15-BH051, GA15-BH053, GA15-BH054, GA15-BH056 .
7	Arden Station	1.5-3.0	GA11-BHE005, GA11-BHE006, GA11-BHE007, GA11-BHE008, GA11-BHE009, GA11-BHE010, GA11-BHE011, GA15-BH004, GA15-BH005, GA15-BH006, GA15-BH075, GA15-BH077.
10	Parkville Station	0.8-1.5	GA11-BHE012, GA11-BHE013, 'GA11-BHE014, GA11-BHE015, MM1BH008, MM1BH009

Segment	Description	Typical depth of fill range (mbgl)	Bore locations
12	CBD North Station	0.25-2.6	GA11-BHE016 , GA11-BHE017 , GA11-BHE018 , GA11-BHE019 , GA15-BH007 , GA15-BH008 , GA15-BH009 , GA15-BH010 , GA15-BH011 , GA15-BH012)
14	CBD South Station	0.5-2.0	GA11-BHE020, GA11-BHE021, GA11-BHE022, GA11-BHE023, GA15-BH019, GA15-BH021, GA15-BH021A, GA15-BH108, GA15-BH109, GA15-BH110, GA15-BH111, GA15-BH112, MM1BH013
20	Domain Station	0.3-1.2	GA11-BHE029, GA11-BHE030, GA11-BHE031, GA11-BHE032, GA15-BH029, GA15-BH030, GA15-BH032, GA15-BH033
23	Eastern Portal	0.25-1.2	GA11-BH024, GA11-BH025, GA11-BHE033, GA11-BHE034, GA15-BH035, GA15-BH152, GA15-BH153, GA15-BH155, GA15-BH156

Table E1-3: Summary of Potential for Soil Contamination Information to support CS Spoil Estimate for the Melbourne Metro Reference Design

Domain (Segment)	Soil Contamination Rating (Site History)	Estimated insitu ('likely volume range') Volume (approx. no of samples)	Approx. Surface Fill sampling Frequency (1/m3)	Relative Confidence in Data Set (based on 'likely volume range')	Relative % classify as PIW (C, B or A)	Relative % classify 'high' PIW (B or A)
Western Portal (Segment 1, Segment 2 & Segment 3):	Medium	9000 (13)	692	Medium C	77%	16%
Arden Station (Segment 7)	High	27,000 [1*]	27000	Low C	78%[1*]	8%
Parkville Station (Segment 10)	Low	18,000 (5)	3600	Low C	60%	0%
CBD North-Station (Segment 12)	Medium	9000 (27)	333	Medium C	71%	4%
CBD South-Station (Segment 14)	Medium	9000 (20)	450	Medium C	75%	10%
Domain Station (Segment 20)	Medium	14000 (19)	737	Medium C	90%	69%
Eastern Portal (Segment 23)	Medium	5000 (5)	1000	Low C	80%	0%

1* - Within the broader Arden Station footprint. A total of 27 samples collected in the general area.

'Site History Ranking' of Site History to indicate relative contamination:

- ***Low***: *Unlikely to present a potential contamination issue to the proposed Melbourne Metro construction or operation.*
- ***Medium***: *Possibly presents a potential contamination issue to the proposed Melbourne Metro construction or operation.*
- ***High***: *An increased potential to present a contamination issue that needs to be considered for the proposed Melbourne Metro construction or operation.*

'Relative Confidence in Soil Data' to define the CS categories for offsite disposal:

- ***Low C***: *Low confidence in the scope and frequency to rely on the data set to estimate the PIW category for offsite disposal as part of the Melbourne Metro Reference Design (i.e. sampling frequency of >1/1000 m3).*

- ***Medium C**: Medium confidence in the scope and frequency to rely on the data set to estimate the PIW category for offsite disposal as part of the Melbourne Metro Reference Design (i.e. sampling frequency of 1/250 to 1/1000 m3).*
- ***High C**: high confidence in the scope and frequency to rely on the data set to estimate the PIW category for offsite disposal as part of the Melbourne Metro Reference Design (i.e. sampling frequency of 1/25 – 1/250 m3).*

Summary of WASS information to support Preliminary Spoil Estimate

Golder has found that the potential for Melbourne Formation to be potentially acid forming (PAF) or not acid forming (NAF) is driven by the depth and weathering of the material. Only one sample less than 24 metres (at BH017 at 10 metres) reported PAF. The summary below includes the historical data and Reference Design data. Not all data included analysis of both Net Acid Producing Potential (NAPP) and Net Acid Generation (NAG), however we have inferred the classification based interpretation of all results available for the Melbourne Metro.

Presented below is tabulated summary of key data used to assist with the development of the preliminary spoil estimate for ASR.

Table E1-4: Summary of Information to support ASR classification (Melbourne Formation)

Material description	No. of samples	No. of PAF samples	Percentage of PAF
<24 m	57	1	<2%
>24 m	66	42	64%
>24 m and SW, SW-Fr, Fr	39	29	75%
>24 m and Fr	12	9	75%

The rock data has not provided clear indicators (visual or physical) that would allow the separation of NAF from the PAF results for material >24 m (particularly during tunnelling works). It is likely that there are small intervals of PAF over NAF within the tunnelled profile of the Melbourne Formation. As there is no readily available method to separate the PAF from the NAF we have conservatively assumed that *100% of Melbourne Formation rock spoil* greater than 24 m has acid generating potential.

The percentage of PAF in the Melbourne Formation described in Table E4 has been used to recognise some of variability in the properties of the rock for the purpose of preparing this preliminary spoil volume estimate.

The Melbourne Metro Concept Design includes limited analysis of the *Coode Island Silt*, *Brighton Group, Werribee Formation and Fishermens Bend Silts* to confirm whether or not this material is potential acid forming and needs to be managed as such. In summary:

- *Coode Island Silt* – Moderate to high potential to generate acidity (i.e. approx. 80% based on 13 or 16 samples reported as PASS) and is treated as a WASS within this preliminary estimate.
- *Brighton Group* – Low potential to generate acidity (i.e. approx. 5% based on 1 in 23 samples reported as PASS) in the Melbourne Metro Concept Design. Recommend further investigation to confirm preliminary assessment where there is limited spatial data below the groundwater table (i.e. Eastern Portal).
- *Werribee Formation* – Low potential to generate acidity in the Melbourne Metro Concept Design; however this is based on a small data set (7 samples). Recommend further investigation and update spoil volume model based on the additional data.
- *Fishermens Bend Silts* - Low potential to generate acidity in the Melbourne Metro Concept Design; however this is based on a small data set (5 samples). Recommend further investigation of these materials including other Quaternary/Pleistocene age sediments and update spoil volume model based on the additional data.

Updated review of geomorphology of the Older Volcanics indicates the potential presence of pyrite. We currently have no data on the Older Volcanics, for the Melbourne Metro Concept Design. For the purpose of this preliminary soil volume model we have excluded these materials from our preliminary estimate.

Further assessment of the acid generating potential within all of the above units including the Older Volcanics, is proposed during the next stage of contamination assessment. Based on the current Melbourne Metro alignment, the potential additional volume of ASR spoil potentially generated from the excavation of the Older Volcanics is considered to be low in terms of overall spoil volume estimated in this report.

APPENDIX E2

Volume Model Tables

Contaminated Soil (Fill) volumes

Segment	Description	Relative Soil Contam	Approx Excavation Area (Footprint) (m2)	Likely Depth of Fill			Total Fill Volumes (bank m3)			Class breakdown - Low			Class breakdown - Est			Class breakdown - High		
				Low	Est	High	Low	Est	High	Cat C	Cat B	Cat A	Cat C	Cat B	Cat A	Cat C	Cat B	Cat A
WEST																		
1-3	Western Portal	MEDIUM	**6,100**	1.00	1.50	3.00	6,000	9,000	18,000	90.0%	10.0%	0.0%	80.0%	17.5%	2.5%	70.0%	25.0%	5.0%
7	Arden Station	MEDIUM-HIGH	**10,700**	1.50	2.50	3.00	16,000	27,000	32,000	90.0%	8.0%	2.0%	70.0%	20.0%	10.0%	60.0%	20.0%	20.0%
10	Parkville Station	LOW	**12,300**	1.00	1.50	2.00	12,000	18,000	25,000	100.0%	0.0%	0.0%	95.0%	5.0%	0.0%	95.0%	5.0%	0.0%
12	CBD North	LOW-MEDIUM	**6,300**	0.50	1.50	2.50	3,000	9,000	16,000	95.0%	5.0%	0.0%	90.0%	10.0%	0.0%	80.0%	17.5%	2.5%
13	CBD South	LOW-MEDIUM	**6,300**	0.50	1.50	2.00	3,000	9,000	13,000	95.0%	5.0%	0.0%	90.0%	10.0%	0.0%	80.0%	17.5%	2.5%
EAST																		
20	Domain	HIGH	**13,700**	0.50	1.00	1.50	7,000	14,000	21,000	85.0%	10.0%	5.0%	60.0%	20.0%	20.0%	30.0%	35.0%	35.0%
23	Eastern Portal	LOW-MEDIUM	**5,200**	0.50	1.00	1.50	3,000	5,000	7,800	95.0%	5.0%	0.0%	90.0%	10.0%	0.0%	80.0%	17.5%	2.5%
						TOTAL - WEST	40,000	72,000	104,000									TOTAL - WEST
						TOTAL - EAST	10,000	19,000	28,800									TOTAL - EAST
						TOTAL Contaminated Soil	**50,000**	**91,000**	**132,800**									**TOTAL Contaminated Soil**

ASR & ASS volumes

ASS Volume range

ASR Volume Range

Segment	Description	Deterministic Model: Estimated ASS Volume (bank m3)	Deterministic Model: Estimated ASR Volume (bank m3)	Probability will classify as ASS Class Breakdown %: Low	Est	High	Probability will classify as ASS Total ASS Volumes (bank m3): Low 'best case'	Est 'likely case'	High 'possible high case'	Probability will classify as ASS Class Breakdown %: Low	Est	High	Probability will classify as ASS Total ASS Volumes (bank m3): Low 'best case'	Est 'likely case'	High 'possible high case'
WEST															
1-3	Western Portal	1,000	0	80%	90%	100%	800	900	1,000	65%	75%	100%	0	0	0
4-6 & 8-9	TBM Tunnel	1,000	12,000	80%	90%	100%	800	900	1,000	65%	75%	100%	8,000	9,000	12,000
7	Arden Station	35,000	0	80%	90%	100%	28,000	31,500	35,000	65%	75%	100%	0	0	0
10	Parkville Station	0	35,000	80%	90%	100%	0	0	0	65%	75%	100%	23,000	26,300	35,000
11	TBM Tunnel	0	72,000	80%	90%	100%	0	0	0	65%	75%	100%	47,000	54,000	72,000
12	CBD North	0	187,000	80%	90%	100%	0	0	0	65%	75%	100%	122,000	140,300	187,000
14	CBD South	0	72,000	80%	90%	100%	0	0	0	65%	75%	100%	47,000	54,000	72,000
13,15-16	TBM Tunnel	11,000	62,000	80%	90%	100%	8,800	9,900	11,000	65%	75%	100%	40,000	46,500	62,000
EAST															
17-19	TBM Tunnel	0	0	80%	90%	100%	0	0	0	65%	75%	100%	0	0	0
20	Domain	0	0	80%	90%	100%	0	0	0	65%	75%	100%	0	0	0
21-22	TBM Tunnel	0	63,000	80%	90%	100%	0	0	0	65%	75%	100%	41,000	47,000	63,000
23	Eastern Portal	0	0	80%	90%	100%	0	0	0	65%	75%	100%	0	0	0
	TOTAL - WEST	48,000	440,000			TOTAL ASS - WEST	40,000	40,000	50,000			TOTAL ASR - WEST	290,000	330,000	440,000
	TOTAL - EAST	0	63,000			TOTAL ASS - EAST	0	0	0			TOTAL ASR - EAST	40,000	50,000	60,000
		48,000	**503,000**			**TOTAL ASS**	**40,000**	**40,000**	**50,000**			**TOTAL ASR**	**330,000**	**380,000**	**500,000**

Contaminated Soil (Fill) volumes (Page 2)

Volume (bank m3) - Low 'best case'			Volume (bank m3) - Est 'likely case'			Volume (bank m3) - High 'possible high case'		
Cat C	Cat B	Cat A	Cat C	Cat B	Cat A	Cat C	Cat B	Cat A
6,000	600	0	7,200	1,600	300	12,600	4,500	900
15,000	1,280	320	18,900	5,400	2,700	19,200	6,400	6,400
12,000	0	0	17,100	900	0	23,800	1,300	0
3,000	150	0	8,100	900	0	12,800	2,800	400
3,000	150	0	8,100	900	0	10,400	2,300	400
5,950	700	350	8,400	2,800	2,800	6,300	7,400	7,400
2,850	150	0	4,500	500	0	6,300	1,400	200
39,000	2,200	300	59,400	9,700	3,000	78,800	17,300	8,100
8,800	900	400	12,900	3,300	2,800	12,600	8,800	7,600
47,800	**3,100**	**700**	**72,300**	**13,000**	**5,800**	**91,400**	**26,100**	**15,700**
		51,600			91,100			133,200

Geological Material Volumes

			Western Portal	TUNNEL SECTION										Eastern Portal	
		Segment	1-3	4-6 & 8-9	7 (Arden Stn)	10 (Parkville Stn)	11	12 (CBD NORTH)	14(CBD SOUTH)	13, 15-16	17-19	20 (DOMAIN)	21-22		
Unit	Description	Inferred Unit Type													TOTALS
Qhi	Coode Island Silt	SOIL	1,000	1,000	35,000					11,000					48,000
Qpa	Pleistocene Alluvium	SOIL		3,000	59,000										62,000
Qpfu	Fishermens Bend Silt (upper)	SOIL		24,000	56,000					11,000					91,000
Qpfl	Fishermens Bend Silt (lower)	SOIL								5,000					5,000
Qpc	Early Pleistocene Colluvium and Allu	SOIL		2,000	12,000										14,000
Tbp	Bright Group	SOIL									17,000	89,000	5,000	39,000	150,000
Qvn	Newer Volcanics	ROCK								4,000					4,000
Tvo (RS-EW)	Older Volcanics	SOIL	8,000	6,000											14,000
Tvo (HW-Fr)	Older Volcanics	ROCK	30,000	12,000											42,000
Tew	Werribee Formation	SOIL		57,000											57,000
SUD (RS-EW)	Melbourne Formation	SOIL		8,000		45,000		13,000	31,000		8,000	72,000	46,000		223,000
SUD(HW-MW)	Melbourne Formation	ROCK		78,000	8,000	229,000	16,000	209,000	137,000	35,000	79,000	35,000	78,000		904,000
SUD (SW-Fr)	Melbourne Formation	ROCK		7,000			63,000	107,000	72,000	27,000	2,000		8,000		286,000
		Totals	**39,000**	**198,000**	**170,000**	**274,000**	**79,000**	**329,000**	**240,000**	**93,000**	**106,000**	**196,000**	**137,000**	**39,300**	**1,900,000 m3**

SUD <24m	Melbourne Formation			81,000	8,000	239,000	7,000	142,000	168,000	0	89,000	107,000	69,000		910,000
SUD >24m	Melbourne Formation			12,000	0	35,000	72,000	187,000	72,000	62,000	0		63,000		503,000

APPENDIX F

Important Information Relating to the Report

IMPORTANT INFORMATION RELATING TO THIS REPORT

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Appendix E

Spoil Management Strategy

SPOIL MANAGEMENT STRATEGY

MELBOURNE METRO RAIL AUTHORITY

April 2016

Version 1.2



MELBOURNE METRO RAIL

State Government Victoria

Table of Contents

1 Introduction 1
1.1 Purpose 1
1.2 Scope 1
1.3 Strategy Summary 2
1.4 Assumptions and Limitations 4

2 Project Overview 5

3 Spoil Generation 7
3.1 Overview 7
3.2 Spoil Extraction Methodology 8

4 Spoil Categorisation 10
4.1 Definition 10
4.2 Estimated Spoil Volumes by Category 10
4.3 Sampling & Testing 14

5 Spoil Management Hierarchy 15
5.1 Avoidance 17
5.2 Reuse 17
5.3 Recycling and/or Recovery of Energy 19
5.4 Treatment 19
5.5 Containment 20
5.6 Disposal 20
5.7 Asbestos 20
5.8 Alternative Technologies 20

6 Onsite Spoil Management 22
6.1 Management Requirements 22
6.2 Site Determination 23
6.3 Stockpile Management 23

7 Spoil Transport and Disposal 25

8 Construction Environment Management Plan (CEMP) 27
8.1 Performance Monitoring 27

9 References 29

Table of Tables

Table 1.1: Spoil management strategy summary 2
Table 2.1: Milestone summary and construction dates 6
Table 3.1: Estimated spoil volumes by location 7
Table 3.2: Proposed station & portal construction methods 8
Table 3.3: Summary of project working hours 9
Table 4.1: Estimated spoil volume by type 11
Table 4.2: Estimated spoil volume by classification & source location 12
Table 5.1: MMRP spoil management hierarchy options assessment 16

Table of Figures

Figure 2.1: Melbourne Metro Rail Project overview 6
Figure 5.1: EPA waste management & MMRP spoil management hierarchy 15

Document Control

Revision	Date	Revision Particulars	Author	Verifier	Approver
1.0	10/02/2016	Working draft release	S. Beatton	K. Watt	P. Thomas
1.1	31/03/2016	Amendment incorporating stakeholder comments	S. Beatton	K. Watt	P. Thomas
1.2	8/04/2016	Amendment incorporating stakeholder comments	S. Beatton	K. Watt	P. Thomas

Glossary & Abbreviations

PROJECT	
Melbourne Metro Project	MM (used in tables)

KEY LEGISLATION / PROCESSES / DOCUMENTS	
Australian Standard 4482 Guide to the investigation and sampling of sites with potentially contaminated soil: Parts 1 & 2	AS4482
Environmental Effects Act 1978 (Victoria)	*EE Act*
Environment Effects Statement	EES
Environment Protection Act 1970 (Victoria)	*EP Act*
Environment Protection Authority Publications Publication 655.1 Acid Sulfate Soils & Rock 2009 Publication 1402 Thermal Treatment Technologies 2011 Publications 1436 to 1442 Industrial Waste Fact Sheets 2012 Publication 1589 Contaminated soil – treatment & disposal 2015	
Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)	*EPBC Act*
Environment Protection (Industrial Waste Resource) Regulations 2009 (Victoria)	IWR Regulations
Preliminary Spoil Volume Estimate – MMRP Reference Design (Technical Memorandum) by Golder Associates 2015.	GA Preliminary SVE
Industrial Waste Management Policy (Waste Acid Sulfate Soils) 1999	IWMP
Industrial Waste Resource Guidelines IWRG600.2 Waste Categorisation 2010 IWRG611.1 Asbestos Transport and Disposal 2009 IWRG621 Soil Hazard Categorisation and Management 2010 IWRG702 Soil Sampling 2009 IWRG821.2 Waste Transport Certificates 2013	IWRG
National Environmental Protection Council Act 1995 (Victoria)	*NEPC Act*
National Environment and Protection (Management of Contaminated Land) Measure, 2013 (Commonwealth).	NEPM
Occupational Health and Safety Act 2004 (Victoria) & *Regulations 2007* (Victoria)	*OH&S Act & Regulations*
Planning & Environment Act 1978 (Victoria)	*P&E Act*
State Environment Protection Policy (Prevention and Management of Contamination of Land)	
Victorian Best Practice Guidelines for Assessing & Managing Coastal Acid Sulfate Soils 2010	
WorkSafe Victoria Removing Asbestos in Workplaces – Compliance Code 2008	
WorkSafe Victoria Guidance Note Asbestos – Contaminated Soil 2010	

ENTITIES	
Department of Environment (Commonwealth)	DoE
Department of Sustainability & Environment Previous Victorian Government Department now part of Department of Environment, Water and Land (DELWP)	DSE
Environmental Protection Authority (Victoria)	EPA
Melbourne Metro Rail Authority	MMRA

TERMINOLOGY & ACRONYMS	
ASS	Acid Sulfate Soil Any soil, sediment unconsolidated geological material or consolidated rock mass containing metal sulfides exceeding criteria published by the EPA in Publication 655.1 Acid Sulfate Soils & Rock 2009.
AASS	Actual Acid Sulfate Soil Acid Sulfate Soil producing sulfuric acid due to oxidation of sulfides.
ASR	Acid Sulfate Rock Consolidated rock mass containing metal sulfides exceeding criteria published by the EPA in Publication 655.1 Acid Sulfate Soils & Rock 2009 which may oxidise producing sulfuric acid.
CEMP	Construction Environment Management Plan
cu.m	cubic metres All volumes provided within this document are insitu or dense (no bulking factor has been applied).
Cut & Cover	Method where void is excavated and roofed over with an overhead support system strong enough to carry the load of what is to be built above the excavation.
EMP	Environment Management Plan
Fill Material	Uncontaminated material classified in accordance with the IWR Regulations, specifically IWRG621 Soil Hazard Categorisation and Management 2010
PASS	Potential Acid Sulfate Soil Acid Sulfate Soil which has been oxygen deprived and therefore is not producing sulfuric acid (still contained within waterlogged soil). It has the potential to produce sulfuric acid.
PIW	Prescribed Industrial Waste Waste as categorised in accordance with the IWR Regulations
SMS	Spoil Management Strategy
Spoil	Waste soil or rock resulting from tunnelling, mining or excavation activities.
TBM	Tunnel Boring Machine A machine used to excavate a driven tunnel.
TSA	Temporary Stockpile Area
WASS	Waste Acid Sulfate Soil Comprises disturbed PASS, AASS and/or ASR classified in accordance with EPA Publication 655.1 Acid Sulfate Soils & Rock 2009

1 Introduction

1.1 Purpose

The purpose of this Spoil Management Strategy (SMS) for Melbourne Metro (MM) is to:

- Provide guidance for performance-based standards for spoil disposal and management to be incorporated into the Construction Environment Management Plan (CEMP),
- Define and demonstrate that feasible options are available to manage spoil on the project that mitigate potential human health and environmental impacts, and
- Provide supplementary information to the Environment Effects Statement (EES) which has been prepared by MMRA in accordance with the requirements of the *Environment Effects Act* 1978 (Victoria).

1.2 Scope

This SMS has been structured to provide project wide details on the:

- Spoil generation activities, volumes and timeframes.
- Spoil categorisation in accordance with the *Environment Protection Act 1970* (Victoria) (*EP Act*) & *Environment Protection (Industrial Waste Resource) Regulations 2009* (Victoria).
- Spoil management and its implementation in accordance with the *EP Act* waste minimisation hierarchy.
- Onsite spoil management provisions.
- Requirements for transportation of spoil.
- Requirements for the Contractor(s)' Construction Environment Management Plan (CEMP).

The SMS is a live document and will continue to be further developed and revised during the detailed design and construction planning phases as appropriate.

1.3 Strategy Summary

A summary of the key scope parameters and the strategy's response are provided in Table 1.1.

Table 1.1: Spoil management strategy summary

Parameter	Strategy Response	Relevant Report Section
Spoil generation[1]	An estimated volume of 2.03 million cubic metres (insitu) surplus spoil would be produced by the project.	Section 3
Spoil generation locations[1]	The following estimated volume of spoil would be generated at the site locations: **Location** — **Estimated Volume[1,2,3] (cu.m insitu)** Western Portal (Kensington) — 57,000 Arden TBM — 277,000 Station — 202,000 Parkville Station — 299,100 CBD North Station — 345,000 Mined tunnels — 93,000 CBD South Station — 253,100 Domain Station — 217,100 TBM Eastern Site (Domain & Fawkner Park)[4] — 243,000 Eastern Portal (South Yarra) — 47,200 **TOTAL — 2,033,500**	Section 3
Spoil categorisation	Spoil would be categorised in accordance with the Environment Protection Authority's (EPA's) Industrial Waste Resource Guidelines. It is estimated that the following quantities of spoil by category would be generated: **Spoil Category** — **Estimated Volume[1,2,3] (cu.m insitu)** Fill Material — 1,349,300 Category A — 15,700 Category B — 26,100 Category C — 91,400 Waste Acid Sulfate Soil (WASS) Potential Acid Sulfate Soil (PASS) / Actual Acid Sulfate Soil (AASS) — 48,000 Acid Sulfate Rock (ASR) — 503,000 **TOTAL — 2,033,500**	Section 4

Parameter	Strategy Response	Relevant Report Section
Spoil sampling & testing	Spoil sampling and analysis would be undertaken in accordance with the following Policy, IWRGs, Publications and standards: • IWRG621, Soil Hazard Categorisation and Management 2010 • IWRG702, Soil Sampling 2009 • Industrial Waste Management Policy (Waste Acid Sulfate Soils) 1999 • EPA Publication 655.1 Acid Sulfate Soils & Rock 2009 • Victorian Best Practice Guidelines for Assessing and Managing Coastal Acid Sulfate Soils 2010 • Australian Standards 4482 Parts 1 and 2: Guide to the investigation and sampling of sites with potentially contaminated soil IWRG600.2, Waste Categorisation 2010	Section 4
Spoil management hierarchy	Spoil would be managed in accordance with the waste management hierarchy as defined in the *Environment Protection Act 1970* (Victoria): The options considered feasible and practicable on MM in order of precedence are: 1. Avoidance of spoil generation through design & management. 2. Reuse within the project. 3. Reuse outside the project. 4. Treatment (offsite). 5. Disposal outside the project (landfill or licensed facility). Reuse is a key objective of MM's spoil management hierarchy. There is currently sufficient capacity at existing management facilities to accommodate the spoil expected to be produced by the project.	Section 5
On-site management	Spoil would be segregated by category onsite where practicable and temporarily stockpiled prior to implementation of management measures. A stockpile management plan would be prepared as part of the Construction Environment Management Plan (CEMP). Temporary Stockpile Areas (TSAs) are required at each site location for management purposes in the event that excess spoil is generated at a worksite that cannot be stored at that site. A formal site determination would be sought from EPA to approve this management measure to permit transport of PIW.	Section 6
Spoil transport	Spoil would be transported by truck and/or trailer combinations in accordance with the EPA's IWRG and Policy requirements: • Contaminated Spoil -Prescribed Industrial Waste (PIW) – In accordance with *EP Act* and *IWR Regulations* with permitted vehicles and transport certificates as per the EPA's IWRG811.10 Permit to Transport Prescribed Industrial Waste & IWRG821.2 Waste Transport Certificates requirements. Asbestos would be transported in accordance with IWRG611.1 Asbestos Transport and Disposal 2009. • Waste Acid Sulfate Soil (WASS) – under an EPA-approved EMP in accordance with *Industrial Waste Management Policy (Waste Acid Sulfate Soils) 1999.* • Fill Material – no prescribed permit requirements.	Section 6.3.2
Spoil disposal	Where reuse is not a viable option, spoil disposal would be at locations with appropriate EPA licences and/or approved EMPs.	Section 5

TABLE NOTES:

1. All volumes provided are insitu or dense (no bulking factor applied).
2. Volumes sourced from by Golder Associates Preliminary Spoil Volume Estimate – Melbourne Metro Reference Design (Technical Memorandum), December 2015 and are "high case" providing a conservative position.
3. Estimated volumes exclude Linlithgow Avenue & Fawkner Park intervention shafts which are yet to be determined.
4. Eastern TBM launch site may be Domain and Fawkner Park.

1.4 Assumptions and Limitations

The following assumptions and limitation apply to this strategy:

- This strategy provides all spoil volumes as insitu or dense volumes. No bulking factor has been applied.
- This spoil categorisation and volumes contained within this strategy are as provided in Preliminary Spoil Volume Estimate – MMRP Reference Design (Technical Memorandum) by Golder Associates (2015). This document provides a conservative determination on spoil volumes to be generated from the construction of Melbourne Metro. At the time of writing this strategy, ongoing geotechnical investigations were being completed to further clarify the spoil categorisation for Melbourne Metro.
- No spoil quantity or categorisation has been provided by Golder Associates for Linlithgow Avenue or Fawkner Park intervention shafts. These will be updated in a future revision of this Strategy. It is noted that these are comparatively low volumes in Melbourne Metro's spoil production context.

2 Project Overview

The Melbourne Metro Rail Authority (MMRA) is proposing to deliver Melbourne Metro to provide increased capacity across the city's rail network. The key project infrastructure includes:

- Twin nine-kilometre underground rail tunnels from Kensington in the western suburbs to South Yarra in the south-east connecting the Sunbury and Dandenong rail corridors comprising:
  - Mined cavern tunnel construction between CBD North and CBD South station,
  - TBM tunnels construction in the west between the Western Portal and CBD North, and
  - TBM tunnels construction in the east between CBD South and the Eastern Portal.
- Five new underground railway stations located at Arden, Parkville, CBD North, CBD South and Domain.
- Cut & cover rail tunnel portal entrances at Kensington and South Yarra.
- Rail passenger interchanges at:
  - CBD North to Melbourne Central Station, and
  - CBD South to Flinders Street Station.
- Associated surface works including intervention shafts at Linlithgow Avenue and Fawkner Park for emergency access/egress.
- Early works required to facilitate the above including:
  - demolition of acquired buildings,
  - construction of access shafts,
  - utility relocations and upgrades,
  - provision of electrical (HV) supply to TBM sites, and
  - traffic, tram and pedestrian infrastructure upgrades and diversions.

Figure 2.1 provides an overview of the Melbourne Metro Rail Project alignment and components.

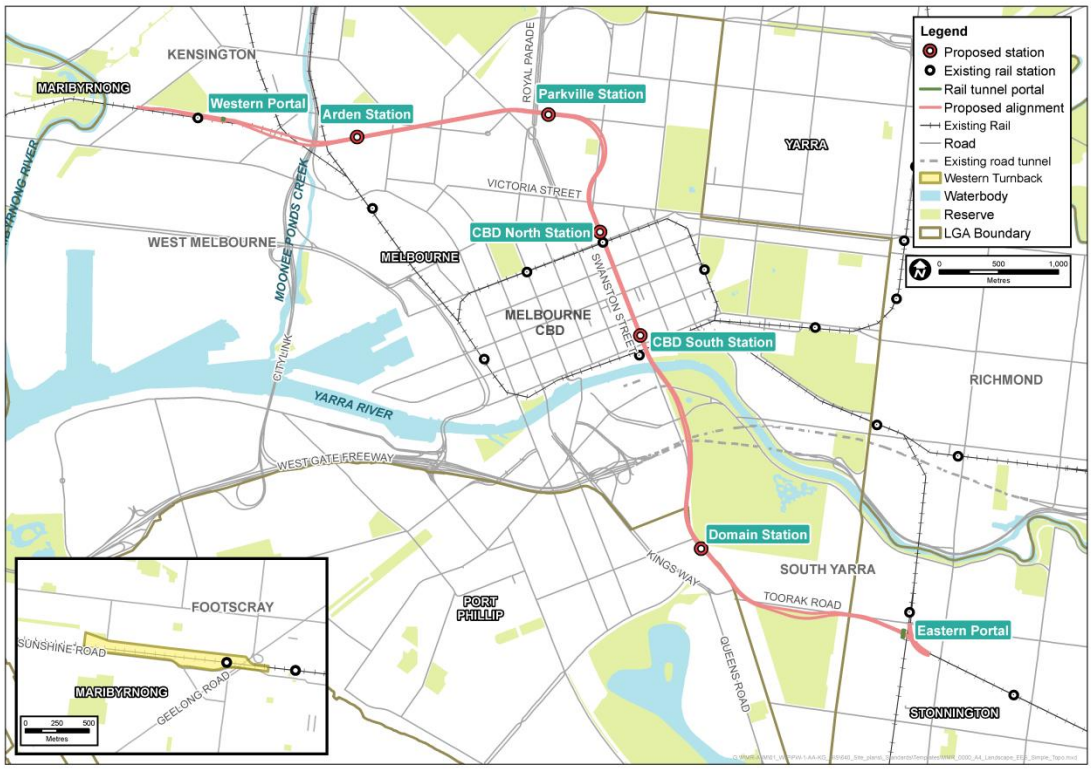


Figure 2.1: Melbourne Metro Rail Project overview

Indicative timings for the delivery of the project are provided in Table 2.1.

Table 2.1: Milestone summary and construction dates

Date	Activity
2015-2016	• Site investigations • Complete development of Melbourne Metro Concept Design • Community consultation • EES submitted, exhibited and assessment released by the Minister for Planning • Prepare and submit Business Case • Enabling works before major construction
2017-2018	• Finalise planning and environmental approvals based on Minister for Planning decision. • Procurement for major construction contract • Early works before major construction • Award major construction contract for tunnels and stations • Start major construction works • Demolition of acquired buildings
2022	• Civil and structural works at stations, portals and tunnels completed
2024	• Station fit out and rail systems installation completed
2025	• Systems integration and operational readiness
2026	**Project complete**

3 Spoil Generation

3.1 Overview

Melbourne Metro would generate approximately 2.03 million cubic metres (insitu) of excess spoil. Spoil is defined as waste soil or rock resulting from tunnelling, mining or excavation activities. It would be produced across the project sites, primarily from tunnel, station, shaft and portal construction using a variety of construction methods including tunnel boring machines (TBMs), mining, and cut and cover excavation. Figure 2.1 provides an overview of the project site locations. The estimated quantities of spoil to be generated at the main project site locations are provided in Table 3.1.

Table 3.1: Estimated spoil volumes by location

Location	Key Site Works	Estimated Spoil Quantity (cu.m insitu /dense)[1,2,3]			
		Tunnels	Stations	Other Structures[4]	Total
Western Portal	• Cut and cover decline structure • TBM retrieval shaft			57,000	**57,000**
Arden	• Arden Station cut and cover construction • Western TBM launch site • Western TBM operations (including spoil extraction) • Tunnel segment casting facility & concrete batching plant	277,000	202,000		**479,000**
Parkville	• Parkville Station cut & cover construction		299,100		**299,100**
CBD North	• CBD North mined station • Mined tunnel spoil extraction – CBD North to CBD South • TBM retrieval shaft	93,000	345,000		**438,000**
CBD South	• CBD South mined station • TBM retrieval shaft		253,100		**253,100**
Domain	• Domain Station cut & cover construction		217,100		**217,100**
Tunnel - Eastern Site (Domain & Fawkner Park)[5]	• Eastern TBM operations (including spoil extraction) – option • Intervention shaft construction	243,000			**243,000**
Eastern Portal	• Cut and cover decline structure • TBM retrieval shaft			47,200	**47,200**
Totals		**613,000**	**1,316,300**	**104,200**	**2,033,500**

Table Notes:

1. All volumes provided are insitu or dense (no bulking factor applied).
2. Volumes sourced from by Golder Associates Preliminary Spoil Volume Estimate – MMRP Reference Design (Technical Memorandum), December 2015 and are "high case" providing a conservative position.
3. Estimated volumes exclude Linlithgow Avenue & Fawkner Park intervention shafts which are yet to be determined.
4. Other structures comprise portals and decline structures.
5. Eastern TBM launch site options are Domain and Fawkner Park.

3.2 Spoil Extraction Methodology

3.2.1 Tunnels

Bored Tunnels

TBMs would be utilised to construct the majority of the tunnels required for the project. Two sections of the Melbourne Metro tunnels would be bored tunnels, constructed using TBMs as follows:

- Western Portal to CBD North station: TBMs would operate from Arden Station
- CBD South to Eastern Portal: TBMs would operate from Domain and Fawkner Park (both sites are options for TBM operations)

Spoil from TBM activities would be extracted at Arden and Domain / Fawkner Park and removed from site using truck and/or trailer combinations.

Mined Tunnels & Adits

The remaining section of tunnel between CBD North station and CBD South station would be mined. The mined tunnel spoil would be extracted primarily from CBD North shafts and removed from site using truck and/or trailer combinations.

3.2.2 Stations & Portals

Approximately half of the estimated spoil volume generated on Melbourne Metro would be from the station construction. Stations would be constructed utilising cut and cover techniques or mined caverns. Portals connect the existing railway lines at surface and the tunnels. The portals are proposed to be constructed through open cut/embankment methods. Spoil would be removed from site using truck and/or trailer combinations. Table 3.2 summarises the proposed construction methods.

Table 3.2: Proposed station & portal construction methods

Location	Construction Method
Western Portal	Cut & Cover
Arden Station	Cut & Cover
Parkville Station	Cut & Cover
CBD North Station	Mined Cavern
CBD South Station	Mined Cavern
Domain Station	Cut & Cover
Eastern Portal	Cut & Cover / Embankment

3.2.3 Construction Hours

The general construction hours for Melbourne Metro are summarised in Table 3.3. Spoil removal activities would generally be carried out 24 hours per day, 7 days per week at all sites, subject to restrictions such as for special events, peak hour traffic flow mitigation and treatment and disposal facility hours of operation.

Table 3.3: Summary of project working hours

Location	Construction Hours[1]
Above ground sections	7am – 6pm Monday to Friday 7am – 1pm Saturdays Sundays and Public Holidays (subject to approvals)
Stations upon placement roof slab / acoustic attenuation measures	24 hours per day, 7 days per week
Underground tunnelling works	24 hours per day, 7 days per week
Tunnelling support[3] (Arden, Domain & Fawkner Park[2])	24 hours per day, 7 days per week

Table Notes:

1. The above working hours are subject to appropriate acoustic treatments being in place. Alternate hours may also be utilised subject to necessary third-party approvals.
2. Eastern TBM launch site may be Domain and Fawkner Park.
3. Tunnelling support includes:
    a. Segment delivery to TBM sites
    b. Spoil disposal from TBM sites
    c. Workshop activities
    d. Concrete/Shotcrete delivery
    e. Temporary Support materials delivery

4 Spoil Categorisation

4.1 Definition

The *Environment Protection Act 1970 (Victoria) (EP Act)* regulates the discharge or emission of waste to water, land or air, and places controls on the disposal and transportation of waste. The Environment Protection Authority (EPA) has produced Industrial Waste Resource Guidelines (IWRGs) and Publications to provide guidance for the management of waste soil in Victoria. The following Policy, IWRGs and Publications provide relevant guidance for Melbourne Metro in relation to the sampling and categorisation of spoil:

- IWRG600.2 Waste Categorisation 2010
- IWRG621 Soil Hazard Categorisation and Management 2010
- IWRG702 Soil Sampling 2009
- Industrial Waste Management Policy (Waste Acid Sulfate Soils) 1999
- EPA Publication 655.1 Acid Sulfate Soils & Rock 2009
- Victorian Best Practice Guidelines for Assessing and Managing Coastal Acid Sulfate Soils (2010)

4.2 Estimated Spoil Volumes by Category

Current investigations completed by Melbourne Metro's design and geotechnical consultants have estimated the spoil encountered by the project would comprise a volumetric combination of Fill Material, Prescribed Industrial Waste (PIW) and Waste Acid Sulfate Soil (WASS) as summarised in Table 4.1. WASS includes Potential Acid Sulfate Soil (PASS), Actual Acid Sulfate Soil (AASS) and Acid Sulfate Rock (ASR).

Table 4.1: Estimated spoil volume by type

Spoil Category	General Description	Estimated Volume (cu.m insitu)[1]
Fill Material[2]	Soil (clay, silt and/or sand), gravel and rock of naturally occurring materials.	1,349,300
Contaminated Spoil -Prescribed Industrial Waste (PIW)[2]	Spoil with the potential to adversely affect human health & the environment. Contaminant levels decrease from Category A to C (Category A is the most hazardous).	
Category A		15,700
Category B		26,100
Category C		91,400
Waste Acid Sulfate Soil (WASS)[3]	Any soil, sediment or unconsolidated geological material or disturbed consolidated rock mass containing metal sulfides which exceed criteria for acid sulfate soils.	
Potential Acid Sulfate Soil (PASS) / Actual Acid Sulfate Soil (AASS)		48,000
Acid Sulfate Rock (ASR)		503,000
Total		**2,033,500**

Table Notes:

1. All volumes provided are insitu or dense (no bulking factor applied).
2. IWRG621, Soil Hazard Categorisation and Management (2010) provides the constituent thresholds of contaminants for categorisation of Fill Material and Category A, B & C PIWs.
3. EPA Publication 655.1 - Acid Sulfate Soil and Rock provides the criteria for determination of WASS.
4. Volumes sourced from by Golder Associates Preliminary Spoil Volume Estimate – MMRP Reference Design (Technical Memorandum), December 2015 and are “high case” providing a conservative position.

Table 4.2 provides a summary of the estimated spoil volumes by category and MMRP source location. The following sections provide further information regarding the categorisation of spoil anticipated to be encountered on Melbourne Metro.

Table 4.2: Estimated spoil volume by classification & source location

Location	Fill Material[3]	Estimated Volume (cu.m insitu)[1,2]						
		Contaminated Spoil (Category A, B & C PIW)[3]				WASS[4]		Subtotal
		Cat A	Cat B	Cat C	Total PIW	PASS / AASS	ASR	
Western Portal	38,000	900	4,500	12,600	**18,000**	1,000		**57,000**
Tunnel - Western Site (Arden)	192,000					1,000	84,000	**277,000**
Arden Station	135,000	6,400	6,400	19,200	**32,000**	35,000		**202,000**
Parkville Station	239,000		1,300	23,800	**25,100**		35,000	**299,100**
CBD North Station	142,000	400	2,800	12,800	**16,000**		187,000	**345,000**
Tunnel - CBD Mined	31,000						62,000	**93,000**
CBD South Station	157,000	400	2,300	10,400	**13,100**	11,000	72,000	**253,100**
Domain Station	196,000	7,400	7,400	6,300	**21,100**			**217,100**
Tunnel - Eastern Site (Domain / Fawkner Park)[6]	180,000			.			63,000	**243,000**
Eastern Portal	39,300	200	1,400	6,300	**7,900**			**47,200**
Subtotal	**1,349,300**	**15,700**	**26,100**	**91,400**	**133,200**	**48,000**	**503,000**	
Grand Total[5]								**2,033,500**

Table Notes:

1. All volumes provided are insitu or dense (no bulking factor applied).
2. Volumes sourced from by Golder Associates Preliminary Spoil Volume Estimate – MMRP Reference Design (Technical Memorandum), December 2015 and are “high case” providing a conservative position.
3. IWRG621, Soil Hazard Categorisation and Management (2010) provides the constituent thresholds of contaminants for categorisation of Fill Material and Category A, C & B PIWs. Contaminated spoil may also contain asbestos.
4. Publication 655.1 - Acid Sulfate Soil and Rock provides the criteria for determination of WASS.
5. Estimated volumes exclude Linlithgow Avenue & Fawkner Park intervention shafts which are yet to be determined.
6. Eastern TBM launch site may be Domain and Fawkner Park.

4.2.1 Fill Material

IWRG621 Soil Hazard Categorisation and Management 2010 provides the constituent thresholds of contaminants for categorisation of Fill Material and Category A, B & C PIWs.

The EPA does not regulate the use of Fill Material as it is not considered a waste. Where soil is found to contain elevated level of metals (such as arsenic) or other constituents that can be demonstrated to be of natural origin and are naturally elevated, the soil may be classified as Fill Material subject to an EPA determination.

4.2.2 Prescribed Industrial Waste (PIW)

Prescribed Industrial Waste (PIW) may arise from either a manufacturing source or be contaminated soil. Guidance in determining the hazard category for contaminated soil can be found in IWRG621 Soil Hazard Categorisation and Management 2010. Category A is the most hazardous decreasing to Category C. PIW may also contain asbestos. If PIW contains asbestos it would be categorised as:

- Category A or B if the levels of other contaminants present exceed the criteria in IWRG621,
- Category C if soil contains asbestos only (i.e. no other contaminants exceed IWRG621 criteria), or
- Category C if packaged for disposal.

It is possible to apply to the EPA for reclassification of a PIW if it can be shown that a different category is appropriate for the contaminant(s) of concern (e.g. a contaminant is immobilised). The application must justify why the reclassification and associated management method achieves the best environmental outcome.

4.2.3 Waste Acid Sulfate Soil (WASS)

The Industrial Waste Management Policy (Waste Acid Sulfate Soils) 1999 (IWMP) defines the management framework required by the Victorian Government for WASS. This policy is administered by the EPA which has produced Publication 655.1 Acid Sulfate Soils & Rock 2009 to provide guidance on the management of WASS. The DSE's Victorian Best Practice Guidelines for Assessing and Managing Coastal Acid Sulfate Soils 2010 also provides detailed information on the management of WASS.

The IWMP defines an acid sulfate soil as any soil, sediment, unconsolidated geological material or disturbed consolidated rock mass containing metal sulfides exceeding criteria published by the EPA in Publication 655.1 Acid Sulfate Soils & Rock 2009. WASS has the potential to oxidise producing acid which may be harmful to human health or the environment.

Waste Acid Sulfate Soil (WASS) collectively comprises:

- Actual Acid Sulfate Soil (AASS) – Soil containing sulfides which have oxidised producing sulfuric acid.
- Potential Acid Sulfate Soil (PASS) – Soil where the sulfides have not yet oxidised (still contained within waterlogged soil)
- Acid Sulfate Rock (ASR) – Rock containing sulfides which may oxidise producing sulfuric acid.

4.3 Sampling & Testing

Spoil would be sampled, tested, analysed and categorised in accordance with the following EPA guidelines and Australian Standards:

- IWRG702 Soil Sampling 2009,
- IWRG621 Soil Hazard Categorisation and Management 2010 for General Fill and PIW, and
- IWRG655.1 Acid Sulfate Soil & Rock for WASS.
- Australian Standards 4482 Parts 1 and 2: Guide to the investigation and sampling of sites with potentially contaminated soil (AS4482).

Preliminary site investigations have been, and continue to be conducted, to categorise spoil through the collection and testing of representative samples from boreholes and test pits in accordance with Australian Standards 4482 Parts 1 and 2: Guide to the investigation and sampling of sites with potentially contaminated soil. This information would enable the Contractor develop an informed sampling and testing procedure and program for construction in their CEMP.

Testing during the construction phase would be conducted on spoil stockpiles and/or insitu.

5 Spoil Management Hierarchy

Spoil generated would be managed in accordance with the waste management hierarchy as defined in the *Environment Protection Act 1970* (Victoria) which designates the most to least preferable treatments for waste. Those options considered feasible and practicable for spoil management on Melbourne Metro in order of preference are provided against the hierarchy in Figure 5.1.

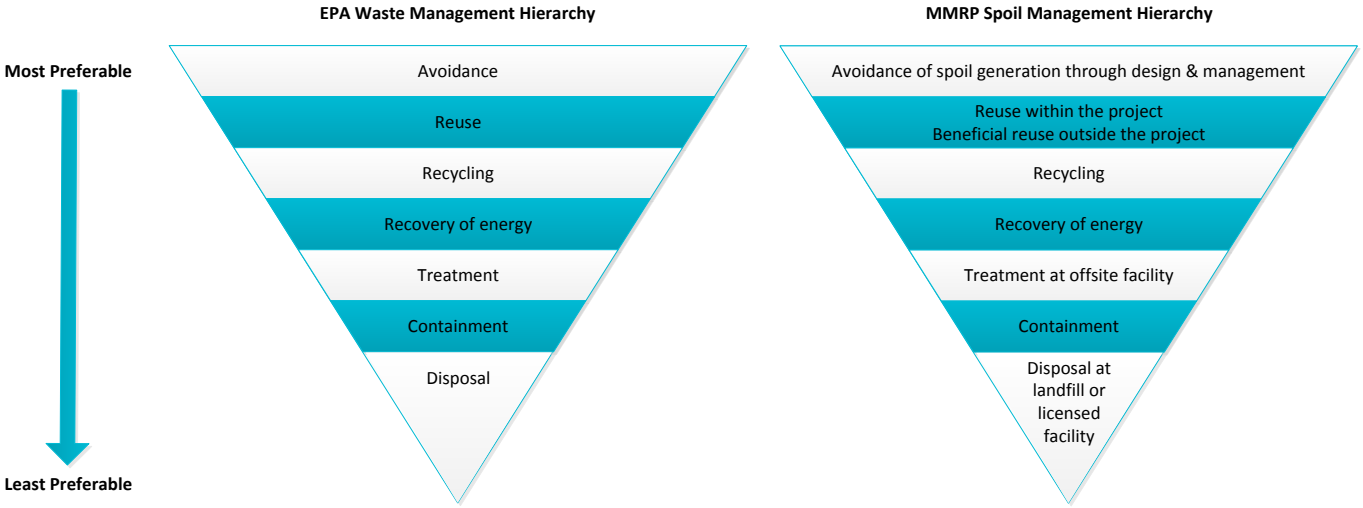


Figure 5.1: EPA waste management & MMRP spoil management hierarchy

The management options available are dependent upon the spoil categorisation. The available and preferred management options for Melbourne Metro by spoil category, including examples for consideration, are summarised in Table 5.1. These options are considered in detail in the following sections.

There is currently sufficient capacity at existing waste management facilities to accommodate the spoil produced by the project. The Contractor(s) would be required to engage with relevant organisations to confirm the availability of management options and document within their Construction Environmental Management Plan (CEMP).

Table 5.1: MMRP spoil management hierarchy options assessment

Hierarchy		Option	Example of Option	Potential Management Options by Spoil Category		
				Fill Material	Prescribed Industrial Waste (PIW) Category A, B & C	Waste Acid Sulfate Soil (WASS) – AASS, PASS & ASR
Most Preferable	**Avoidance**[1]	Optimised design and management	• Reduction of tunnel length, tunnel diameters, shaft cross-sectional areas and station volumes can be implemented to reduce the total volume of spoil produced.	Preferred but limited	Preferred but limited	Preferred but limited
	Reuse - within project[2,3]	Reuse for construction within project	• Reuse in project fill embankments and mounds within short haulage distance of source • Restoration of any pre-existing contaminated sites within the Project boundary • Reuse topsoil for site restoration	Preferred but limited	Preferred but not feasible[2,5]	Preferred but not feasible[3,5]
	Reuse - Reuse outside project	Reuse for construction on other projects	• Reuse for fill embankments and mounds on surrounding construction projects within an economic haulage distance from site • Manufacturing with sand in concrete or shale in bricks or tiles	Preferred	Not permitted (must be treated prior to reuse or disposal).	Preferred. Potential reuse subject to treatment at premises[3]: • licensed to dispose of WASS under the *EP Act*, or • where an EMP, prepared in accordance with the Policy, has been approved by the EPA.
		Reuse for port & coastal protection works	• Reuse in coastal protection works such as beach nourishment • Port expansion or rehabilitation			
		Reuse for land reclamation	• Reuse for land reclamation works subject to master planning, timing and approvals			
		Reuse for land restoration	• Restore existing contaminated areas, and reuse to fill disused facilities such as mines and quarries, to enable either future development or ecological rehabilitation			
		Reuse for landfill management	• Capping of completed landfill cells, where consistent quality material is required • Daily covering of landfilled waste			
Least preferable	**Treatment**	Treatment onsite or offsite at licensed facility	• Applicable treatment to remove contaminant(s) of concern	Not required	Preferred offsite (must be treated at a licensed facility). Onsite treatment not feasible[5].	Preferred offsite. Treatment must occur at premises: • licensed to dispose of WASS under the *EP Act*, or • where an EMP, prepared in accordance with the Policy, has been approved by the EPA. Onsite treatment not feasible[5].
	Disposal	Disposal offsite as waste	• Disposal at approved landfill facility • Disposal at licenced facility	Not preferred	Dispose at licensed facility if remains a PIW[4]. Reuse preferred if reclassified as Fill Material (refer Fill Material Management Options).	Not preferred. Dispose offsite at premises: • licensed to dispose of WASS under the *EP Act*, or • where an EMP, prepared in accordance with the IWMP, has been approved by the EPA.

Table Notes:

1. Avoidance to be targeted through design, management & engineering.
2. Any reuse of Category A, B or C PIW in the project area must meet human health and ecological criteria.
3. Potential reuse, treatment and/or disposal of WASS must occur at premises:
   - licensed to dispose of WASS under the EP Act, or
   - where an EMP, prepared in accordance with the Industrial Waste Management Policy (Waste Acid Sulfate Soils), has been approved by the EPA.
4. Disposal of PIW only if treatment deemed Impracticable as assessed in accordance with EPA Publication 1589 Contaminated soil - treatment & disposal (2015 DRAFT). If treated it may result in re-categorisation as Fill Material with broader reuse options available.
5. Not feasible – This option is considered either impractical or unfeasible on MM due to site and program constraints.
6. Acronyms:
   - PIW – Prescribed Industrial Waste as categorised in accordance with the *IWR Regulations*.
   - WASS – Waste Acid Sulfate Soil - Comprises disturbed Potential Acid Sulfate Soil (PASS), Actual Acid Sulfate Soil (AASS) and/or Acid Sulfate Rock (ASR).
   - IWMP - Industrial Waste Management Policy (Waste Acid Sulfate Soils) 1999

5.1 Avoidance

Melbourne Metro would avoid generation of excess waste spoil through optimised design, management and engineering where practicable. Mitigations to be considered for implementation include:

- reduction of tunnel length, tunnel diameters, shaft and station volumes to reduce the volume of spoil produced / disturbed,
- engineering treatments such as improvement of the structural properties of insitu spoil negating the need for its removal (e.g. grouting), and
- minimisation of groundwater disturbance and/or coverage of insitu PASS to reduce WASS.

5.2 Reuse

The EPA and Melbourne Metro designate reuse of spoil as a key objective of their waste hierarchies. Reuse of waste spoil is an aspect of the Melbourne Metro Sustainability Strategy which targets reuse of 95% of Fill Material. Reuse of other types of spoil is an aspirational objective for Melbourne Metro to minimise disposal to landfill.

Reuse of spoil at the site of origin is possible where it meets human health and ecological criteria. Reuse of spoil, where it is classified as PIW, is not possible offsite without treatment and reclassification approved by the EPA. Reuse of WASS is possible if it is treated or managed appropriately.

Reuse of spoil on Melbourne Metro can be defined in two categories:

- Reuse within the project, and
- Reuse outside the project.

5.2.1 Reuse within the project

The potential to reuse spoil within the project is limited due to the project being predominantly underground with small surface sites which would be congested with construction-enabling equipment, materials and personnel.

Fill Material

Fill Material, in particular topsoil, would be recovered and reused wherever practicable however the total volume of spoil would require alternate methods to manage the balance of Fill Material. In accordance with the *EP Act*, any reuse of fill material must not give rise to environmental or health impacts.

Contaminated Spoil (PIW) & WASS (AASS, PASS & ASR)

Contaminated spoil (deemed PIW if removed from site) and WASS can be reused onsite where it meets human health and ecological criteria. This may necessitate treatment.

Reuse onsite for these spoil types is considered an impracticable option for Melbourne Metro due to site and program constraints.

5.2.2 Reuse outside the project

Reuse of spoil material outside the project would meet the requirements of the *EP Act*, and may be subject to a determination by the EPA. Options to reuse material include for:

- Construction on other projects
- Port & coastal protection works
- Land reclamation
- Land restoration (including filling disused mines or quarries)
- Reuse for landfill management

Options available for the reuse material are provided in the context of the spoil management hierarchy in Table 5.1.

Fill Material

Fill material, the largest spoil category by quantity, would be reused outside the project wherever possible. In accordance with the *EP Act*, any reuse of fill material at the receiving site must not give rise to environmental or health impacts.

Contaminated Spoil (PIW)

Contaminated Spoil is designated by the *EP Act* as PIW once it is removed from the premises of origin. Category A PIW must be treated and disposed at a licensed treatment facility. Reuse of Category B & C PIW offsite is preferred but would require treatment at a licensed treatment facility and reclassification as Fill Material prior to reuse. Where spoil contaminants are immobilised spoil cannot be reused.

WASS (AASS, PASS & ASR)

WASS generated on Melbourne Metro would require treatment prior to reuse and may only occur where premises are:

- licensed to dispose of WASS under the *EP Act*, or
- where an EMP, prepared in accordance with the Industrial Waste Management Policy (Waste Acid Sulfate Soils) 1998, has been approved by the EPA.

Melbourne Metro may utilise a combination of licensed receiving facilities or reuse sites approved by the EPA under an EMP (e.g. for Port construction and/or maintenance). The treatment requirements for reuse of WASS are considered further in Section 5.4.

In accordance with the EPA's Publication 655.1 Acid Sulfate Soil & Rock 2009, WASS sourced from a subaqueous environment, which is intended to be directly disposed of to a marine or estuarine spoil ground does not require an EMP. The EPA must approve this disposal method, oxidation must be minimised, and disposal carried out in accordance with current best practice for dredging.

5.3 Recycling and/or Recovery of Energy

Due to the nature of the spoil material being excavated on Melbourne Metro, recycling and/or recovery of energy opportunities are unlikely to be viable management options. Opportunities would however be further investigated by offsite treatment facilities utilised and implemented where practicable.

5.4 Treatment

5.4.1 Fill Material

Minimal treatment is required for reuse or disposal of Fill Material. Industrial waste (such as bricks and concrete) would be removed as far as practicable in accordance with the IWRGs.

5.4.2 Contaminated Spoil (PIW)

There are various methods for treatment of PIW depending on the contaminant(s) to be removed. EPA Publication 1589 Contaminated soil - treatment & disposal (DRAFT) 2015 requires the spoil producer to conduct an assessment to determine if treatment is a viable option before PIW is able to be disposed of at a landfill, against the following tests:

(a) Available — the PIW can be treated or reprocessed to reduce the requirement for residual management, and technology and facilities necessary to realise this potential are practicably accessible.

(b) Not available — the PIW cannot be treated or reprocessed to reduce the requirement for residual management, or technology and facilities necessary to realise this potential are not practicably accessible.

Category A PIW must be treated and disposed at a licensed treatment facility. Treatment of Category B & C PIW at a licensed treatment facility prior to reuse is preferred for Melbourne Metro where practicable.

5.4.3 WASS (AASS, PASS & ASR)

The EPA's Publication 655.1 Acid Sulfate Soil & Rock 2009 and the associated DSE's Victorian Best Practice Guidelines for Assessing and Managing Coastal Acid Sulfate Soils 2010 provide guidance on the treatment methods available for WASS. Due to site constraints on Melbourne Metro, WASS spoil would primarily be treated offsite at the receiving facility, however if the contractor determines there is sufficient space within another construction site within then it could be transported to that site for treatment.

The treatment methodology for the WASS would comprise:

- Transport of the WASS in accordance with the requirements detailed in Section 6.3.2.
- Weighing the spoil (via weighbridge or similar) and placement into a temporarily stockpile.

- Review of previous analytical testing together with real-time measurements of the pH and moisture content of the stockpiled spoil.
- Addition of an alkaline neutralisation agent (typically lime) at a rate determined from the testing.
- Reuse and disposal as appropriate.

Minimisation of stockpile duration times would be undertaken to reduce the volume of neutralisation agent required wherever practicable. Further information regarding treatment of WASS is provided in Victorian Best Practice Guidelines for Assessing and Managing Coastal Acid Sulfate Soils 2010.

5.5 Containment

Containment is not considered a viable option for PIW or WASS excavated on Melbourne Metro due to site area constraints. Where PIW or WASS can remain insitu (where removal is not required for construction purposes), it may be viable to contain contaminant migration.

5.6 Disposal

Disposal of spoil is the least preferred management option for Melbourne Metro, however may be required for PIW and WASS due to project, site and program constraints, and the available capacity of treatment facilities.

The EPA provides a list of licensed disposal locations through their Interaction Portal at https://portal.epa.vic.gov.au/irj/portal. Based on known landfill capacities with licenced facilities within reasonable accessibility of the CBD, there is available capacity for disposal of PIW and WASS spoil for Melbourne Metro. It should be noted that due to concurrent projects and the timeframe until spoil production on Melbourne Metro commences, no sites have been secured and their capacity to receive material may change over time.

All categories of PIW must be treated and disposed of at licensed treatment facilities.

5.7 Asbestos

Asbestos may be encountered in spoil from historical site use. An occupational hygienist would be engaged to prepare an asbestos management document as part of the Contractor(s)' CEMP that would define the procedures and protocol for identifying and managing asbestos. All asbestos waste would be managed in accordance with the *Occupational Health and Safety Act 2004* (Victoria) and *Regulations 2007* (Victoria). Asbestos would be handled and transported in accordance with EPA's IWRG611.1 Asbestos Transport and Disposal 2009.

5.8 Alternative Technologies

Alternate technologies are available and continue to be developed for the management and treatment of contaminated spoil. MMRA encourages its Contractors and Consultants to utilise technologies that are proven and approved by the EPA.

Thermal treatment has been approved by the EPA and would be utilised on Melbourne Metro subject to its application being practicable. Further information regarding Thermal Treatment is provided in EPA Publication 1402 Thermal Treatment Technologies 2011.

Other technologies such as plasma technology and contaminant fixation continue to be developed and trialled by industry. MMRA would consider the use of this technology where practicable and subject to EPA approval.

6 Onsite Spoil Management

Spoil from the project would be segregated as far as practicable and temporarily stockpiled at each of the construction sites prior to implementation of the management measures. Spoil handling at the construction worksites would vary depending on the activities being conducted. Specific management requirements for each category of spoil are provided in Section 6.1. Stockpile management is considered further in Section 6.3. It is anticipated that stockpile durations onsite would be short due to the site space and program constraints.

6.1 Management Requirements

6.1.1 Fill Material

There are no specific management requirements for the onsite handling of Fill Material except ensuring it does not give rise to adverse health or environmental effect.

6.1.2 Contaminated Spoil (PIW)

Spoil that is PIW must be managed within a defined construction site from which it is extracted. The construction site where PIW is extracted would be subject to a Site Determination by the EPA. MMRP Site Determinations would be defined at a later date when the contractor is selected and the final design and construction approach are confirmed.

Onsite management of PIW would adhere to the *National Environment and Protection (Management of Contaminated Land) Measure, 2013 (Commonwealth)*. Management methods would ensure no adverse environmental or human health impacts occur. It is noted that PIW cannot be moved and stored at a location outside a determined site without an approved works approval for a proposed temporary storage site.

Specific management requirements for asbestos would be implemented in accordance with the *Occupational Health & Safety Regulations 2007*. Further guidance to be adhered to is contained in the WorkSafe Victoria Removing Asbestos in Workplaces – Compliance Code 2008 and WorkSafe Victoria Guidance Note Asbestos–Contaminated Soil 2010.

6.1.3 WASS (AASS, PASS & ASR)

Onsite management of WASS would be in accordance with IWRG655.1 Acid Sulfate Soil and Rock 2009 and current best practice environmental management to ensure no adverse environmental or human health impacts occur.

Spoil that is either AASS, PASS or ASR would be transported in accordance with relevant EPA guidelines to either a site for treatment or directly for disposal. If it is taken to a site for treatment then the site needs to be managed in accordance with an approved EMP. The EMP would cover storage, treatment and transport of AASS, PASS and ASR.

Stockpiling duration times would adhere to the DSE's Victorian Best Practice Guidelines for Assessing and Management Coastal Acid Sulphate Soils 2010.

6.2 Site Determination

The following principles would need to be considered and agreed with EPA prior to submitting an application for a Site Determination:

- A net environmental benefit must be achieved as a result of the works by managing legacy contamination.
- Prevention of the spread of contamination to avoid future legacy issues.
- Management of contaminated soils with different contaminant profiles must be conducted separately so as not to limit future treatment or reuse if required by future land managers.
- Site determinations to be used only for storage and soil re-use purposes.
- Category C PIW soil only may be stored or reused on ‘site’.
- Category B and Category A PIW soils would be dealt with in accordance with current relevant legislation and regulation.
- The areas to come under a site determination are to be adjacent to each other and generally accessible from one part of the ‘site’ to the other.
- If movement of spoil between areas of the same determined site are required, those movements should be managed within the site.
- The geology should be fairly similar in terms of reuse. That is, if clean clays are excavated from one part of the determined site to be filled in at another part of the same determined site, the accepting area should also contain clean clays.
- Where re-use of soil is proposed, a risk assessment is suggested to be undertaken to better clarify certainty around the reuse of that spoil. It may be considered prudent to engage an EPA Accredited Auditor to review this risk assessment.
- It is also recommended that, where a site determination application has been granted, an Auditor be engaged for the review of adherence to any conditions that may be part of this approval.

6.3 Stockpile Management

6.3.1 Temporary Stockpile Areas (TSAs)

Temporary Stockpile Areas (TSAs) are required for management purposes in the event that excess spoil is generated at a worksite that cannot be stored at that site. This may be due to a logistics issue such as the temporary closure of a treatment/disposal site, or where unexpected spoil is encountered that requires categorisation. TSAs would be provided at all site locations, with the Western Portal (Kensington), western TBM facility (Arden) and the eastern TBM facility (Domain and Fawkner Park) sites likely to be the primary TSAs due to their larger site areas.

To permit transport of PIW to the TSAs from other locations, a formal site determination from the EPA would be sought to approve the project sites as a "site". An EPA site determination is not currently a regulatory approval process but is a formal process managed by the EPA.

6.3.2 Stockpile Management Plan

A plan to manage stockpiles would be developed by the Contractor(s) as part of the CEMP. The stockpile management plan would detail how spoil would be segregated, contained and managed to mitigate against environmental and human health impacts.

7 Spoil Transport and Disposal

Spoil would be transported from the site locations to offsite treatment and/or disposal areas by road trucks. Despite the project being located adjacent to above ground railway at some site locations, rail transportation is not considered to be a viable option due to the extensive infrastructure changes required to enable it.

In general, trucks would utilise the higher class road network wherever possible (arterial road and freeways). Where lower class roads are to be used and are not gazetted for proposed truck configurations, approval would be sought from VicRoads and the relevant local Councils.

MMRA would aim to maximise spoil movements during standard construction hours and outside peak traffic periods, however night time spoil movement may still be required due to the 24 hour operations and quantities of spoil produced.

Mitigations to minimise noise from spoil haulage operations would include loading within acoustic sheds and shielding using acoustic walls, use of non-tonal audible reversing beacons and the requirement for compression brakes not to be used.

A spoil tracking system would be created and managed by the Contractor(s) recording of details of each load including mass, categorisation, destination, truck registration and configuration, and any necessary transport licences and approvals. Trucks would be weighed prior to departure from site locations utilising weighbridges or loader scales and would meet heavy vehicle mass limits. Specific transport requirements for the anticipated spoil categories are summarised in the following sections.

7.1.1 Fill Material

There are no specific requirements for transport of Fill Material.

7.1.2 Contaminated Spoil (PIW)

All soils classified as a PIW would be transported in accordance with the *Environment Protection (Industrial Waste Resource) Regulations 2009*. PIW, including asbestos, would be transported using EPA licensed trucks to an EPA licensed receiving facility, under an EPA tracking system. Publication 811.10 Permit to transport prescribed industrial waste provides the detailed requirements to obtain an EPA license. A waste transport certificate in accordance with EPA's IWRG821.2 Waste Transport Certificates 2013 is required to track the movement of any PIW. Spoil containing asbestos would be transported in accordance with IWRG611.1 Asbestos Transport and Disposal 2009.

7.1.3 WASS (AASS, PASS & ASR)

The proposed management methods for transport of WASS would be detailed in an EPA-approved EMP, prepared in accordance with the Industrial Waste Management Policy (Waste Acid Sulfate Soils) 1999. This may include meeting the requirements for PIW depending upon the contaminants. All transport of WASS would be documented with records kept as detailed in the CEMP. Further information on records is contained in Section 8.

7.1.4 Spoil Disposal

To inform the development of this strategy a range of waste management facilities were contacted about capacity for accommodating the volumes of different materials expected to be generated through the construction of Melbourne Metro.

It has been determined that, at the time of writing this document, there is sufficient capacity at existing waste management facilities to dispose of PIW and all types of WASS spoil expected to be produced by the project.

Reuse opportunities would be pursued for the spoil that is expected to be clean fill material.

No sites have been secured for the disposal of spoil expected to be generated from Melbourne Metro at this stage. The contractor(s) would be required to engage with relevant organisations to confirm and secure the availability of capacity at waste management facilities. The contractor would document their spoil management approach within their Construction Environmental Management Plan (CEMP).

8 Construction Environment Management Plan (CEMP)

The Contractor(s) would be responsible for developing and implementing a Construction Environment Management Plan (CEMP) (or similar document) for Melbourne Metro. The CEMP would provide details on the spoil management measures to be implemented to comply with the Environmental Performance Requirements defined in the Environment Effect Statement (EES) including as a minimum the following:

- A description and location of the contamination status of the spoil and the contaminants of concern.
- Spoil categorisation procedure including sampling regime and testing particulars.
- The process for acceptance of soils retained and imported to site.
- Offsite reuse, treatment and disposal procedures.
- Confirmation of the availability of spoil management options.
- Management procedure for soils exceeding human health criteria including management of occupational health and safety.
- An asbestos management plan or similar prepared by an occupational hygienist that would define the procedures and protocol for identifying and managing asbestos.
- WASS Management Plan in accordance with the guidelines provided in EPA Publication 655.1 Acid Sulfate Soil & Rock 2009 and the associated Victorian Best Practice Guidelines for Assessing and Managing Coastal Acid Sulfate Soils 2010.
- Spoil tracking system details of each load including mass or volume, spoil categorisation, destination, truck registration and configuration, site departure time and arrival time at receipt facility, soil pH (for WASS), and any necessary transport licences and approvals.
- Stockpile management plan detailing how spoil would be segregated, contained and managed to mitigate against environmental and human health impacts including erosion and sedimentation control.
- Persons responsible for implementation and management of the above.

The CEMP should include management measures in accordance with EPA Publication 480, Environmental Guidelines for Major Construction Sites.

8.1 Performance Monitoring

Regular performance monitoring of spoil management measures within the CEMP would be conducted by both the Environment Representative of the Contractor(s) and MMRA. The Contractor(s) would hold compliance records which include as a minimum the following:

- Records of inspections in relation to spoil management and associated environmental controls (management in accordance with the CEMP),
- Records detailing the re-use of spoil at on and off-site locations,

- Waste dockets for any spoil disposed to landfill sites (including PIW waste transport certificates) and tracking records for spoil disposed to a non-landfill premises

Results and outcomes of inspections, monitoring and auditing would be reported regularly by the Contractor(s). The compliance records would be audited by the MMRA for conformance.

The CEMP would identify the process for identifying, reporting, recording and reviewing non-conformances, which would ensure continual improvement. This document would be periodically reviewed and updated as necessary.

9 References

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- Department of Sustainability & Environment, 2010. *Victorian Best Practice Guidelines for Assessing & Managing Coastal Acid Sulfate Soils.* State Government of Victoria, Melbourne.
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