

**MELBOURNE METRO RAIL PROJECT ENVIRONMENT EFFECTS STATEMENT**  
**INQUIRY AND ADVISORY COMMITTEE**

**MMRA TECHNICAL NOTE**

**TECHNICAL NOTE NUMBER:** 053

**DATE:** 30 August 2016

**PRECINCT:** All Precincts

**EES/MAP BOOK REFERENCE:** EES Chapter 19; Appendix P – Ground Movement and Land Stability

**SUBJECT:** Updated geological interpretation – modelling of effects on EES assessments of ground movement and future development loading

**NOTE:**

1. In his Expert Witness Statement dated 16 August 2016, Mr Anthony Bennett referred to further modelling undertaken based on an updated interpretation of the geological conditions associated with Melbourne Metro. The updated geological information has been provided to the IAC in attachments to Technical Notes 008 and 023.
2. MMRA has requested Mr Bennett to provide a further explanation of the modelling that was undertaken.
3. No expert conclave was held in relation to ground movement and future development loading, and therefore this explanation is provided to assist the IAC as an attachment to this Technical Note (**Attachment A**).

**CORRESPONDENCE:**

No correspondence.

**ATTACHMENTS:**

- A. Memorandum from Anthony Bennett dated 29 August 2016