APPENDIX B

Geological Plans
MELBOURNE METRO RAIL PROJECT
GEOLOGICAL PLAN

LEGEND

--- PROPOSED STATION EXTENT IN PLAN
--- CONTROL LINE PROPOSED WESTBOUND RAIL TUNNEL
--- CONTROL LINE PROPOSED EASTBOUND RAIL TUNNEL
--- INDUCTIVE RAIL INFRASTRUCTURE

LEGEND GEOLOGY

- Recent Fill
- Coral Island Sand
- Newer Volcanics
- Mesozoic Mournes
- Brighton Group
- Older Volcanics
- Melbourne Formation

LEGEND GEOLOGY SYMBOLS PLAN

- SYNOCLINE
- ANTICLINE
- MONOCLINE

REVERSING DIP WITH ANGLE

FAULT SHOWING DIP DIRECTION

INVERSIO TRENDS ANTICLINE / SYNOCLINE

SOURCE

- OGV
- MUA
- AURCON (1999)
- AURCON (2010)
- GOLDER (2015)

NOTES

1. THESE NOTES APPLY TO ALL PROJECT DRAWINGS IN THE SET UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES TO NDL.
3. ALL COORDINATES ARE IN METRES TO MGA-95.
4. GEOLOGICAL UNITS SHOWN ARE SYNOCLINES AND MATERIAL COMPOSITION AND STRENGTH CAN VARY CONSIDERABLY WITHIN GEOLOGICAL UNIT.
5. BOUNDARIES BETWEEN GEOLOGICAL UNITS ARE INFERRED ONLY AND SUBJECT TO CHANGE AS FURTHER SUBSURFACE INFORMATION BECOMES AVAILABLE.
6. ASTRA PHOTOGRAPHY HAS 5% TRANSPARENCY APPLIED.
7. EXISTING STRUCTURES ARE INDUCTIVE ONLY.

REFERENCES

1. TUNNEL ALIGNMENT BASED ON PROPOSED RAIL ALIGNMENT (REVISION 2.0) SOURCED FROM AJM-JV FILE - MMIA-MUMM-WM-ASCD-MCA-SP-20130517-01-TUNNEL-01.pdf.
4. ASTRA PHOTOGRAPHY DATE OF CAPTURE OCTOBER 2014, IMAGE RESOLUTION 10 cm.
5. TOPOGRAPHY, ROADS AND RAIL DATA SOURCED FROM VIMAP 2013.

Melbourne Metro Rail Project
Title: GEOLOGICAL PLAN
Drawing Number: MMR-AJM-PWAA-DR-NN-500490
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Sheet: 1 of 18

Not For Construction