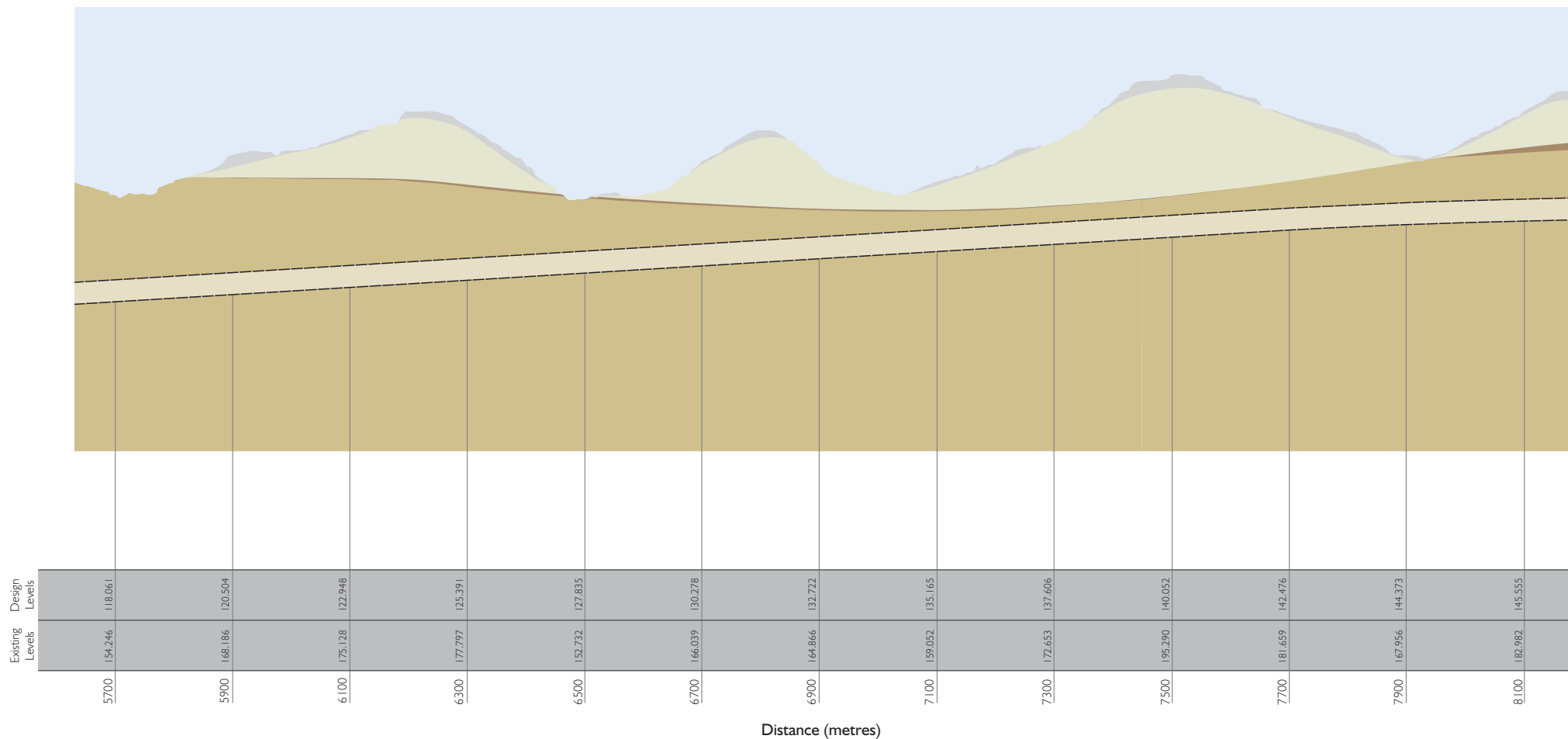


Appendix C

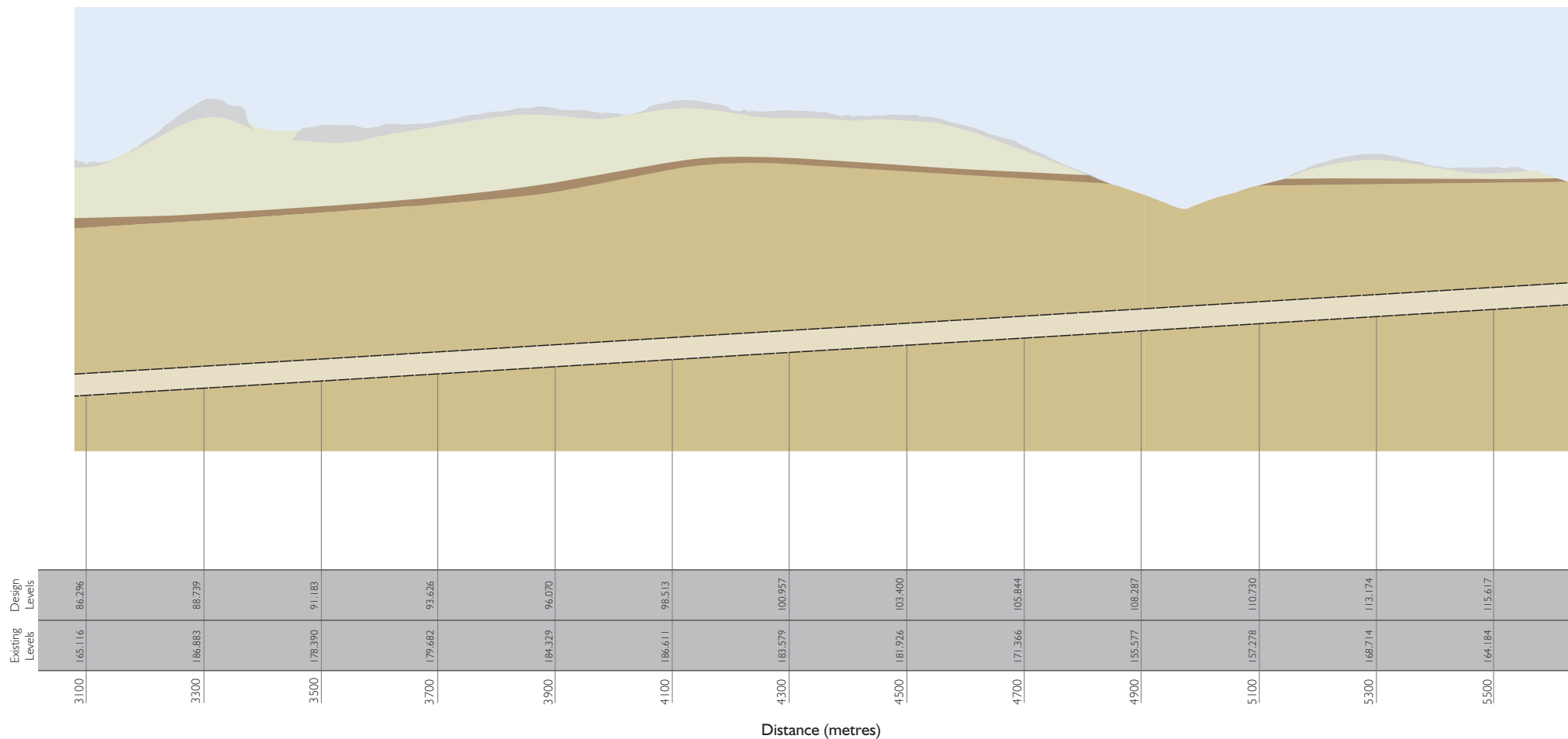
Geological long section



Note
 Rock mass classes are estimations of the quality of the general rock mass based on widely spaced boreholes, local variations are expected

- LEGEND**
- Tunnel alignment
 - Soil and extremely weathered rock
 - Ashfield shale
 - Mittagong formation
 - Hawkesbury sandstone

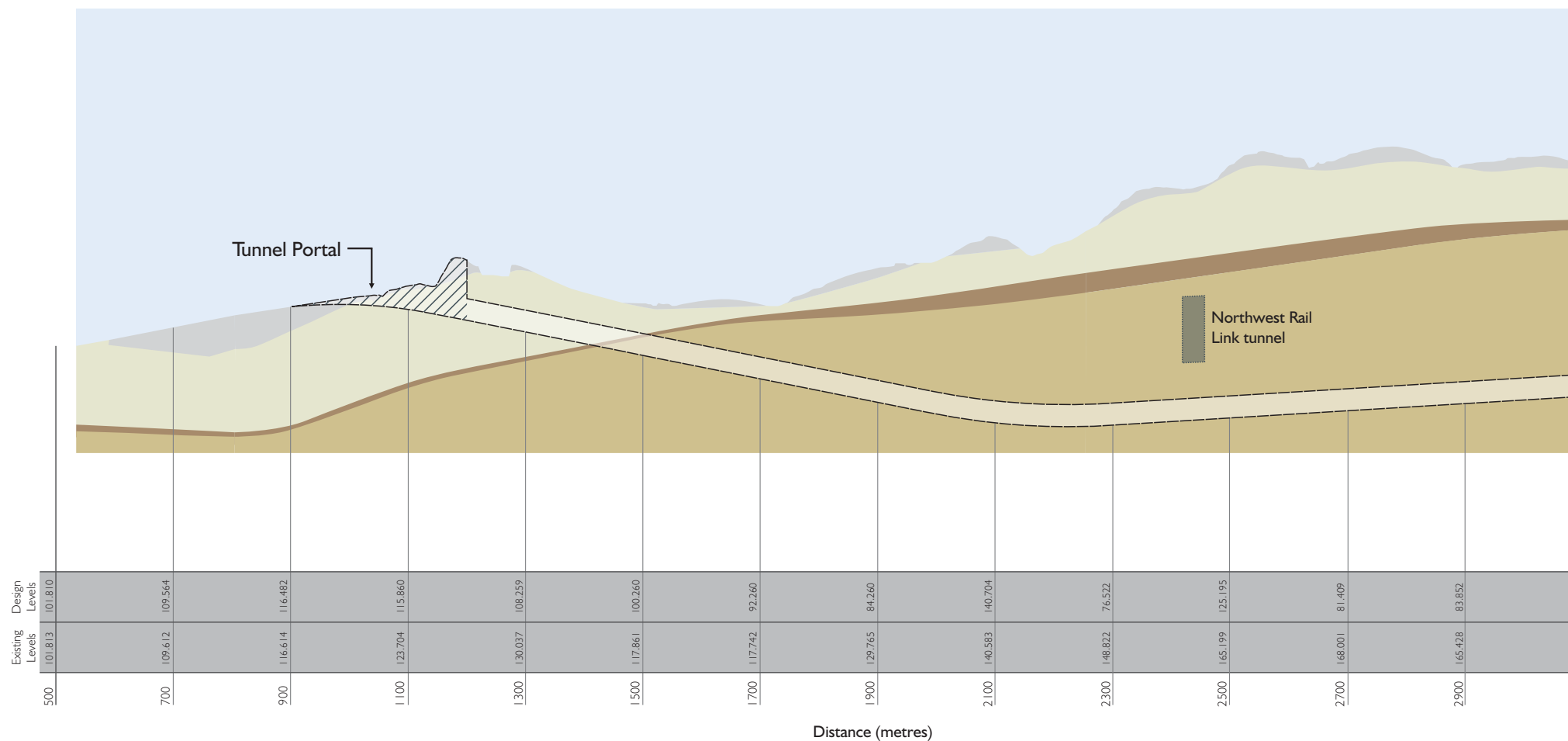
Figure C-3 Geological long section - Map 3



Note
 Rock mass classes are estimations of the quality of the general rock mass based on widely spaced boreholes, local variations are expected

- LEGEND**
- Tunnel alignment
 - Soil and extremely weathered rock
 - Ashfield shale
 - Mittagong formation
 - Hawkesbury sandstone

Figure C-2 Geological long section - Map 2



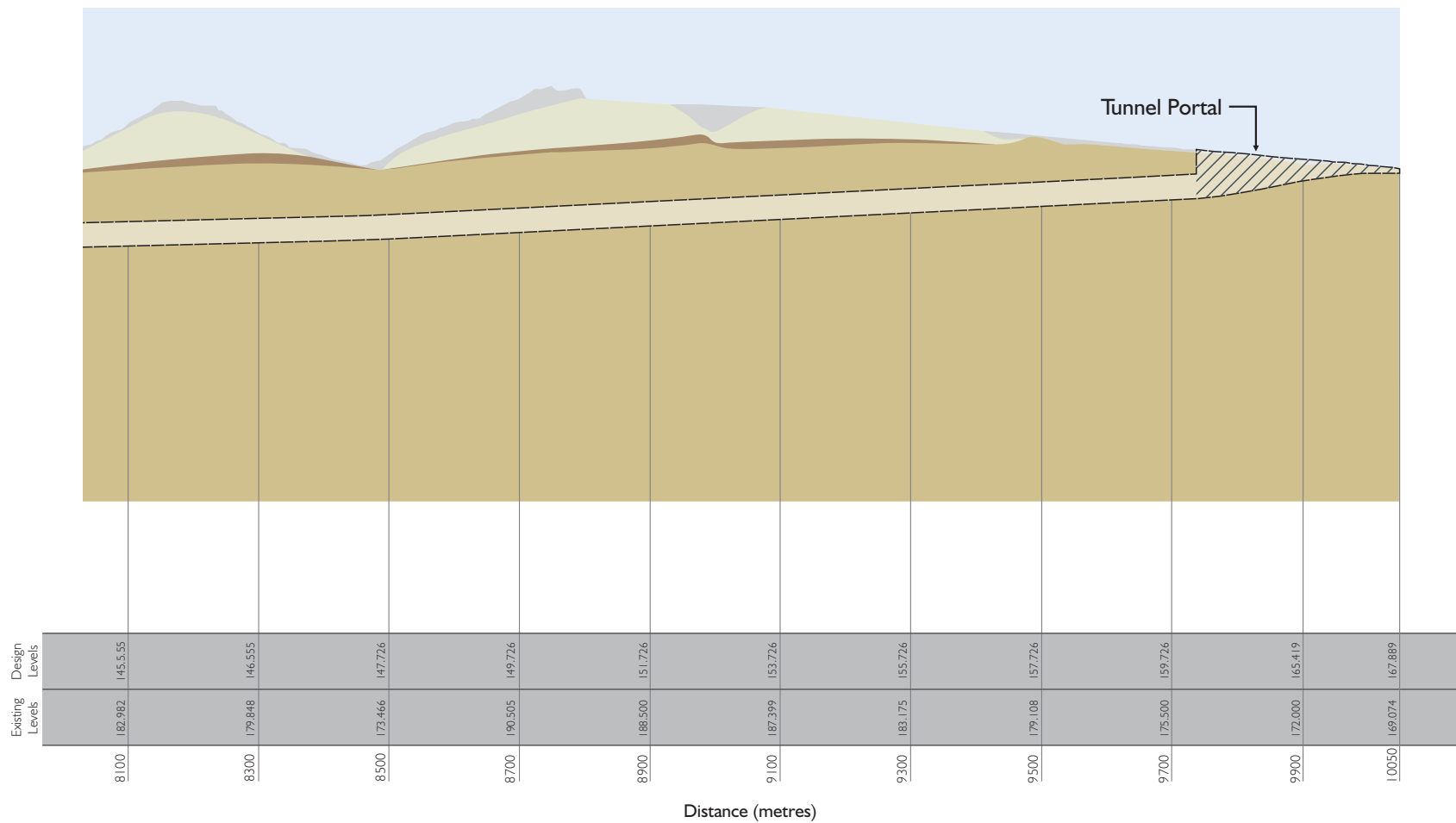
Note

Rock mass classes are estimations of the quality of the general rock mass based on widely spaced boreholes, local variations are expected

LEGEND

- Tunnel alignment
- Soil and extremely weathered rock
- Ashfield shale
- Mittagong formation
- Hawkesbury sandstone

Figure C-1 Geological long section - Map 1



Note
 Rock mass classes are estimations of the quality of the general rock mass based on widely spaced boreholes, local variations are expected

- LEGEND**
- Tunnel alignment
 - Soil and extremely weathered rock
 - Ashfield shale
 - Mittagong formation
 - Hawkesbury sandstone

Figure C-4 Geological long section - Map 4