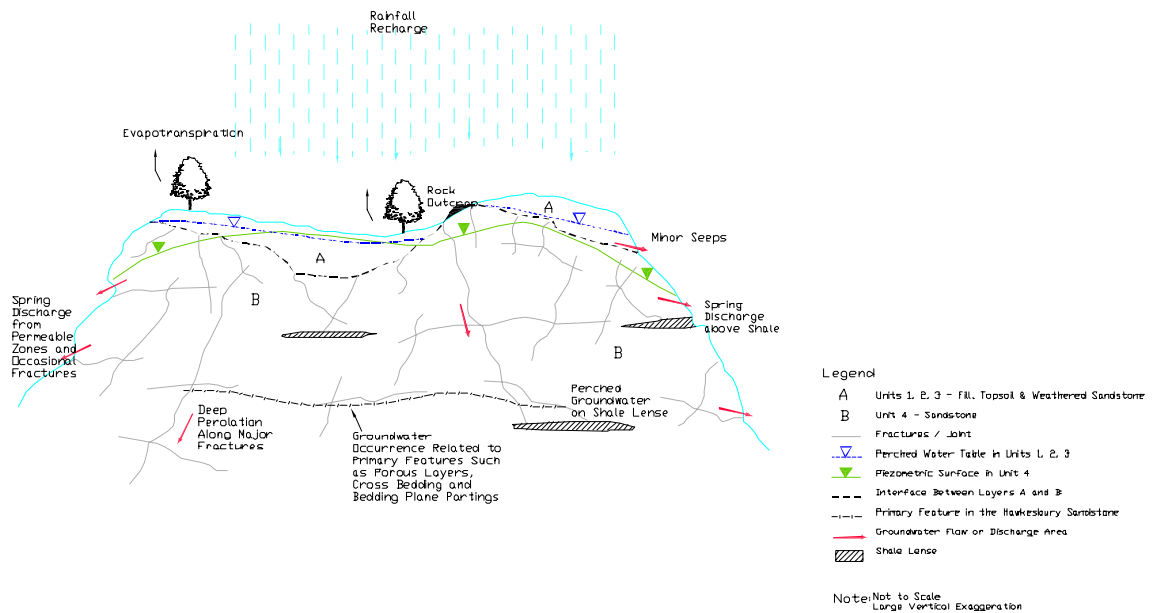


Figure 3.2/13 Schematic Diagram of the LHSTC Groundwater Flow Regime

ANSTO  
Groundwater Monitoring and Management Program  
Lucas Heights Science and Technology Centre



Project: 8040574, Profile: 144057401, View: 01/06/2000, Rev: B



Conceptual Groundwater  
Occurrence and Flow  
Figure 3

Figure 3.2/14 Water Table Contours for Shallow Perched Zone

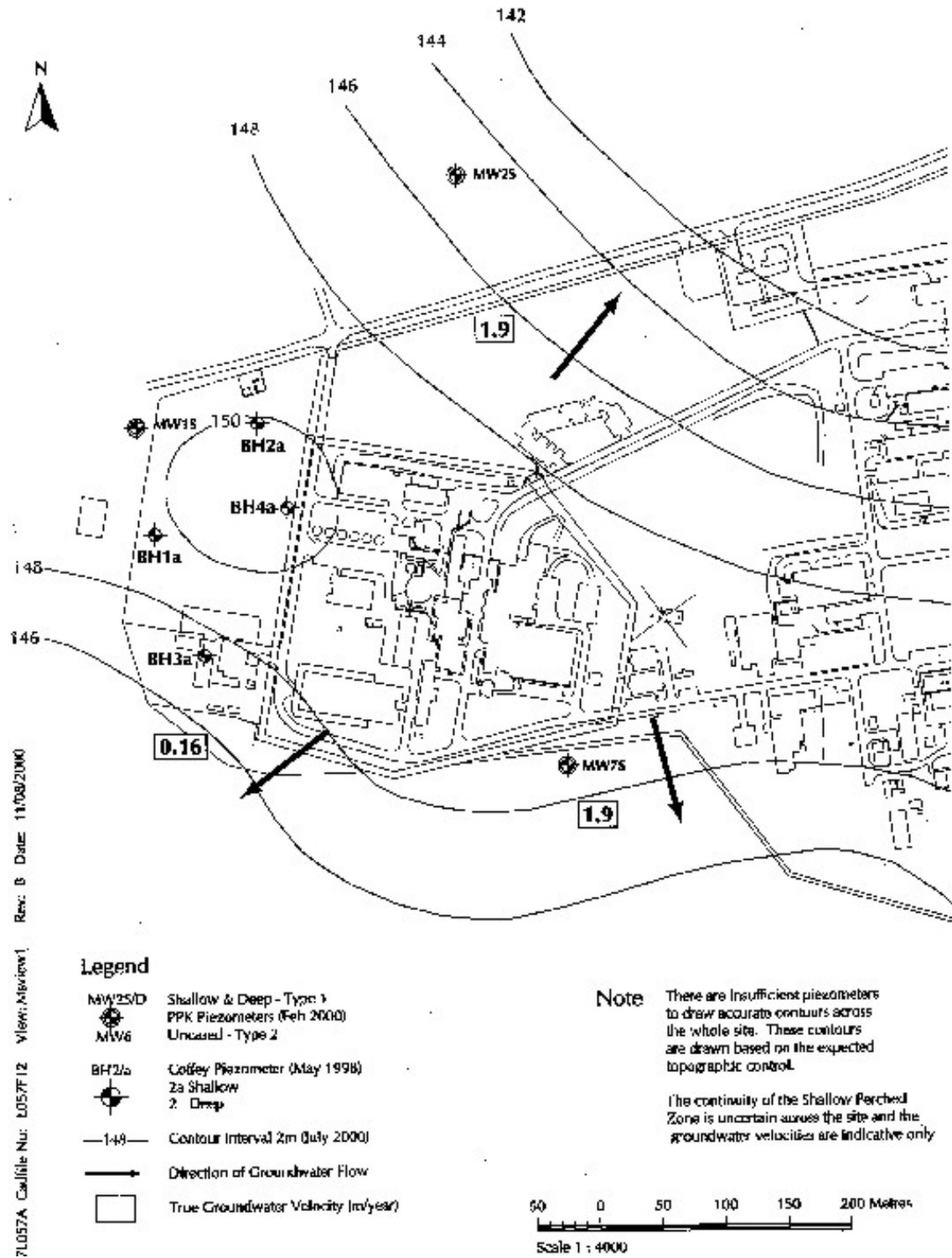
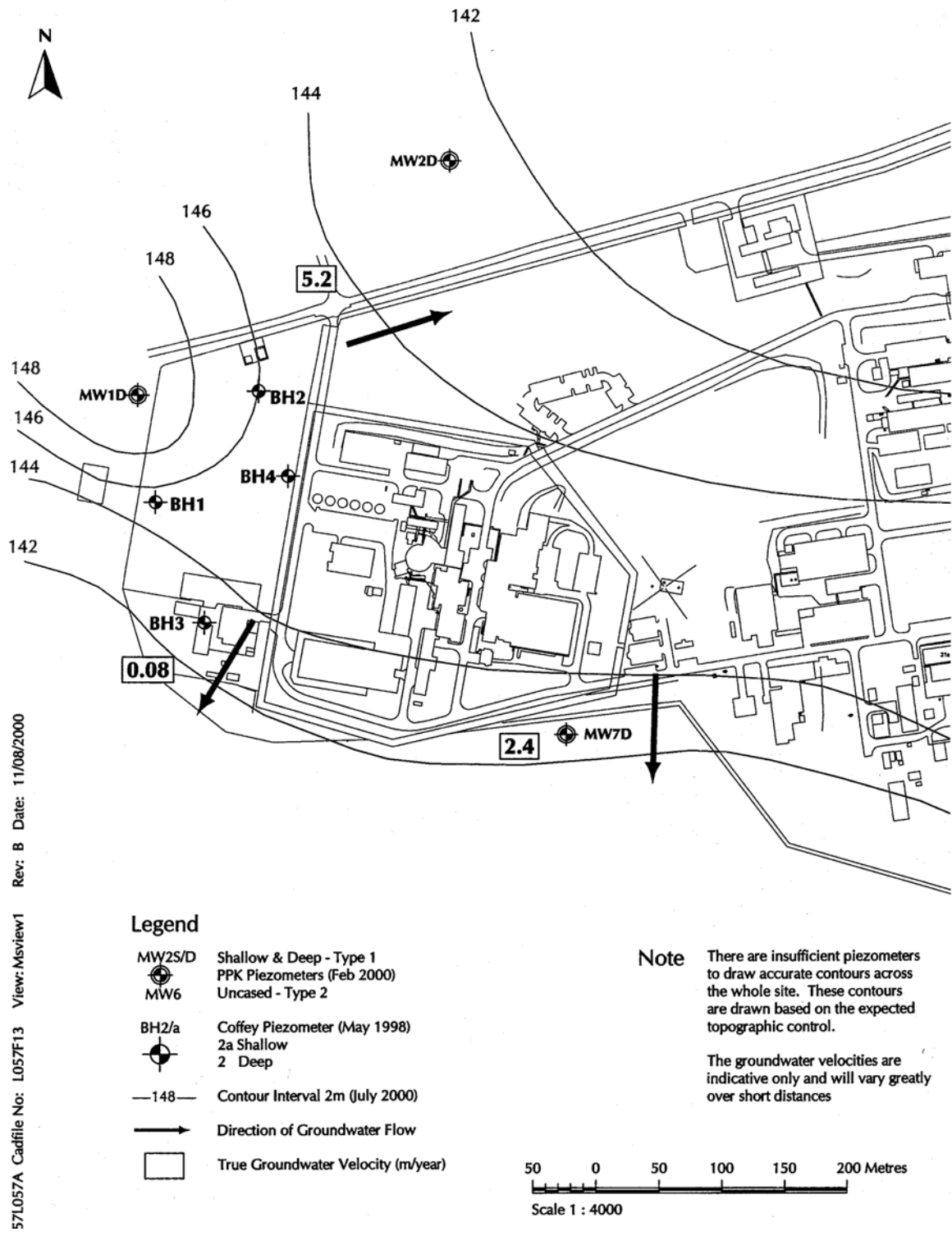


Figure 3.2/15 Potentiometric Contours for Deeper Sandstone Aquifer



57L057A Cadfile No: L057F13 View: Msvieww1 Rev: B Date: 11/08/2000

Figure 3.2/16 RRR Site Resistivity and Magnetometer Geophysical Surveys

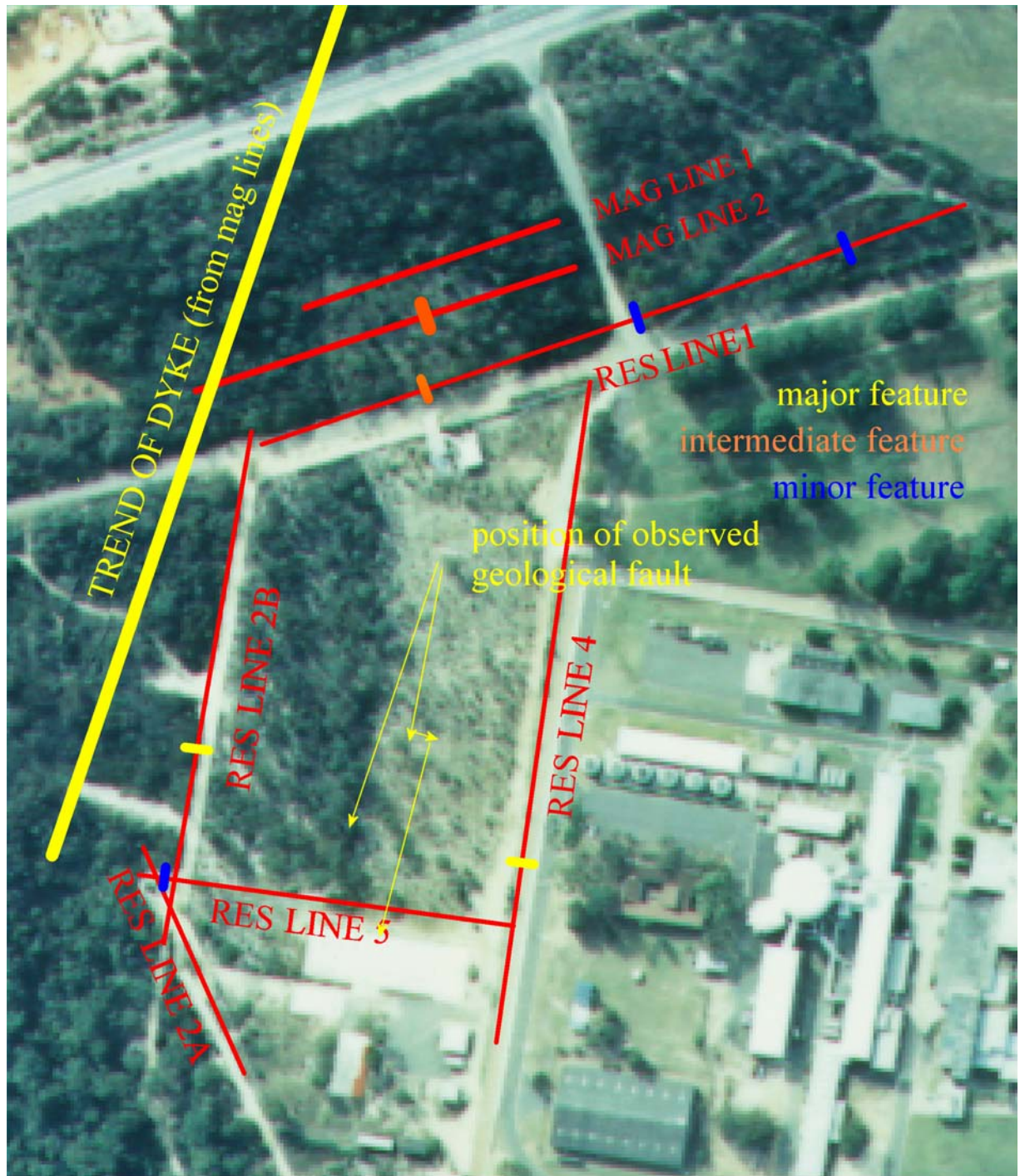


Figure 3.2/17 Boreholes Locations

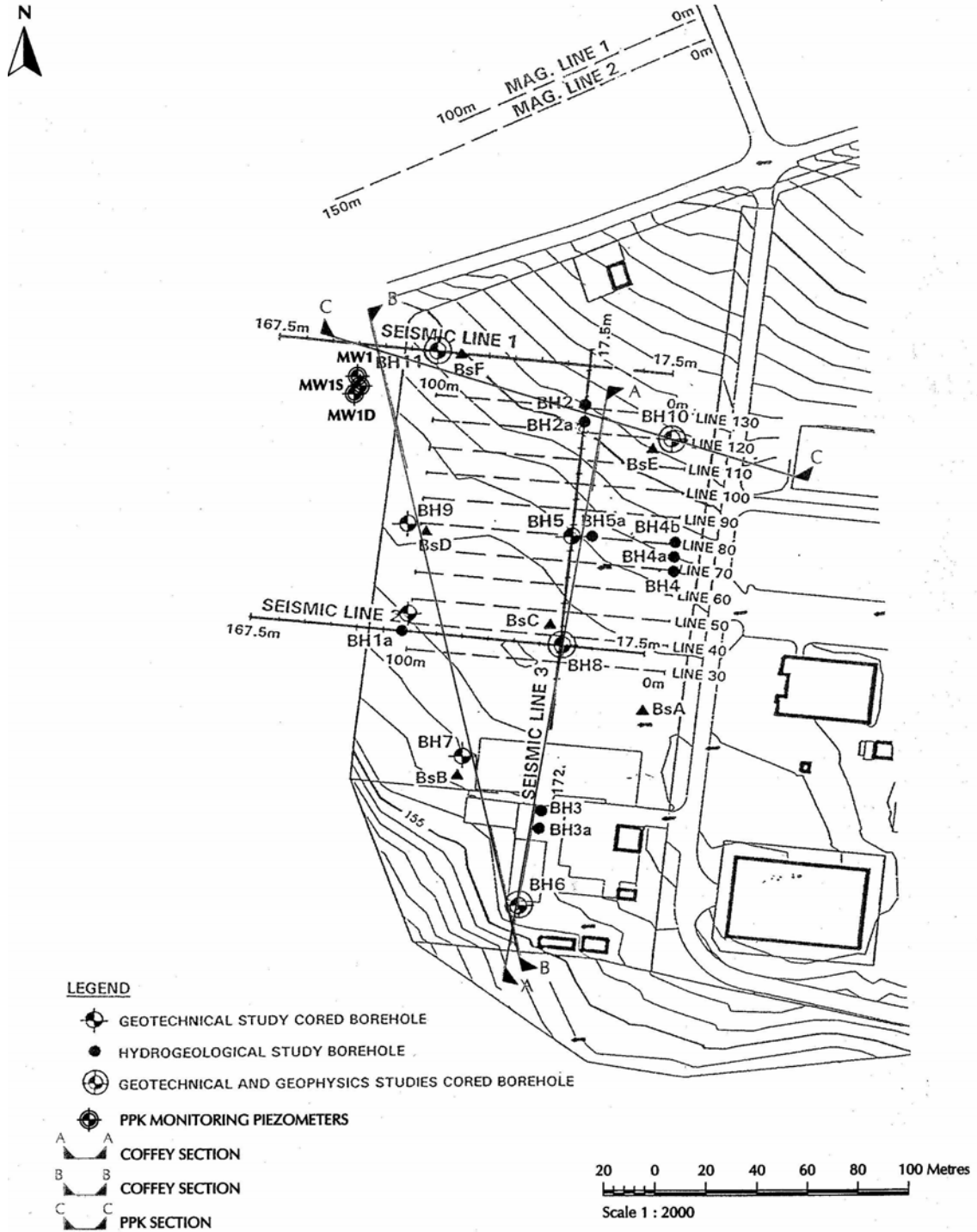


Figure 3.2/18 Inferred Cross Section A - A'

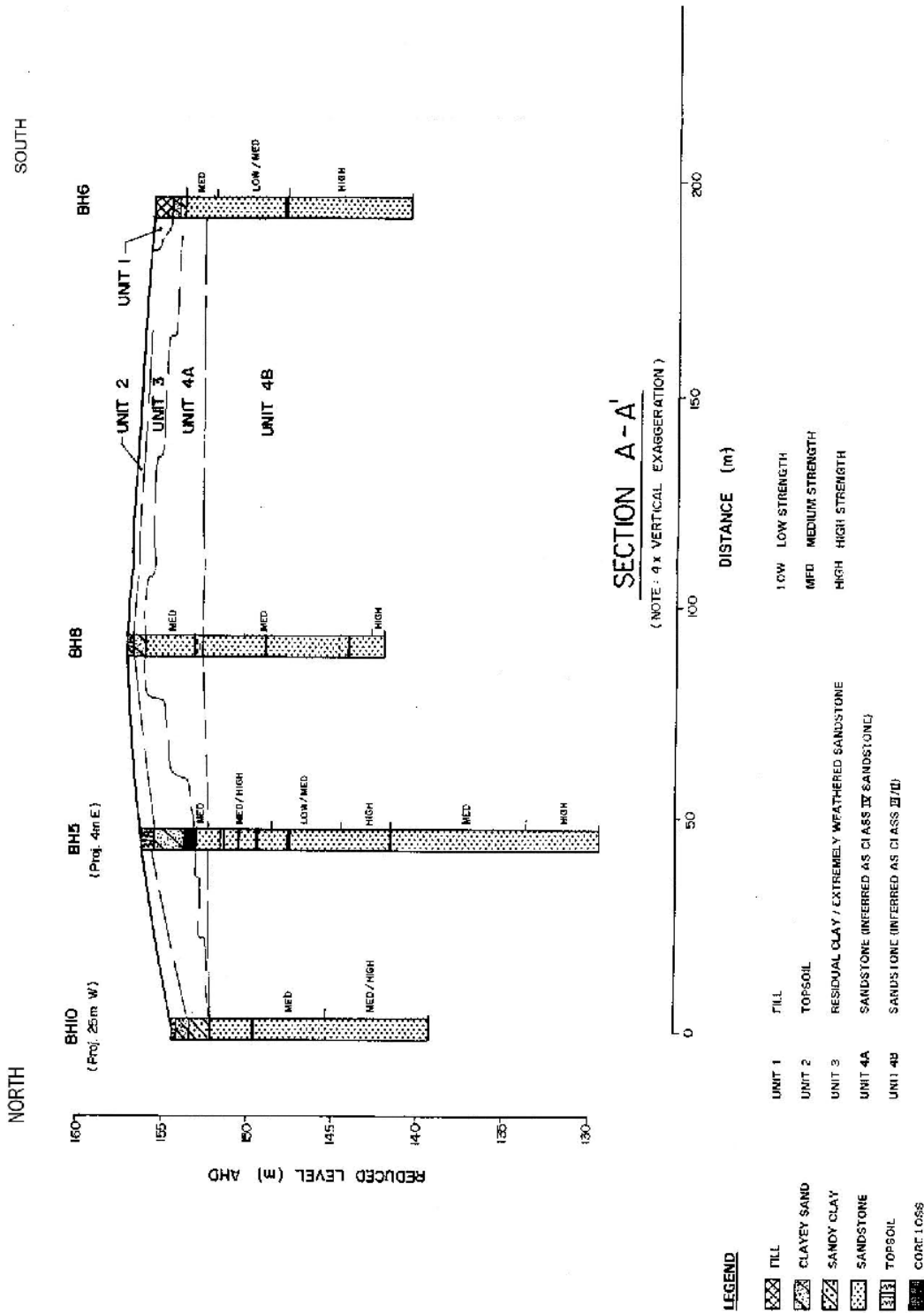


Figure 3.2/19 Inferred Cross Section B – B'

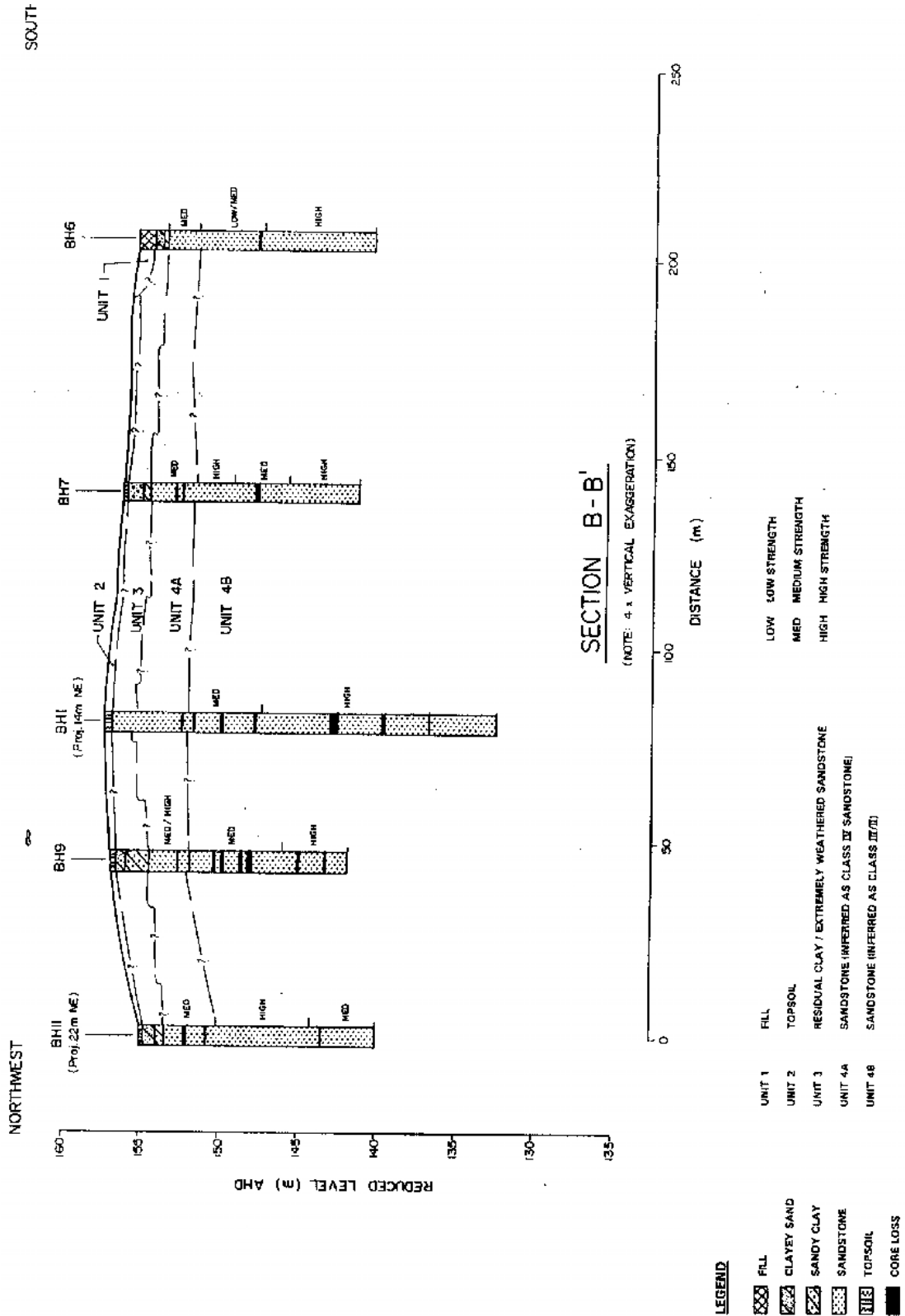
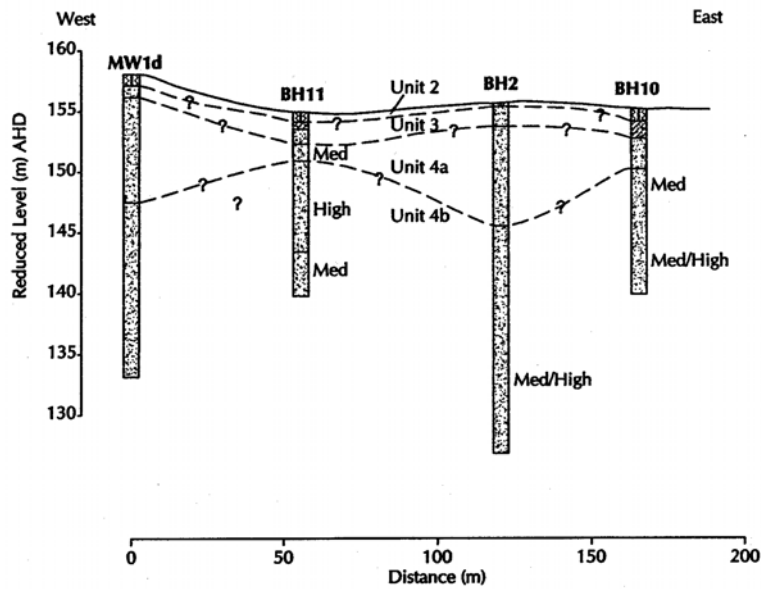


Figure 3.2/20 Inferred Cross Section C – C'



**Section C-C**  
(Note: 4 x Vertical Exaggeration)

**Legend**

- Fill
- Clayey Sand
- Sandy Clay
- Sandstone
- Topsoil
- Core Loss

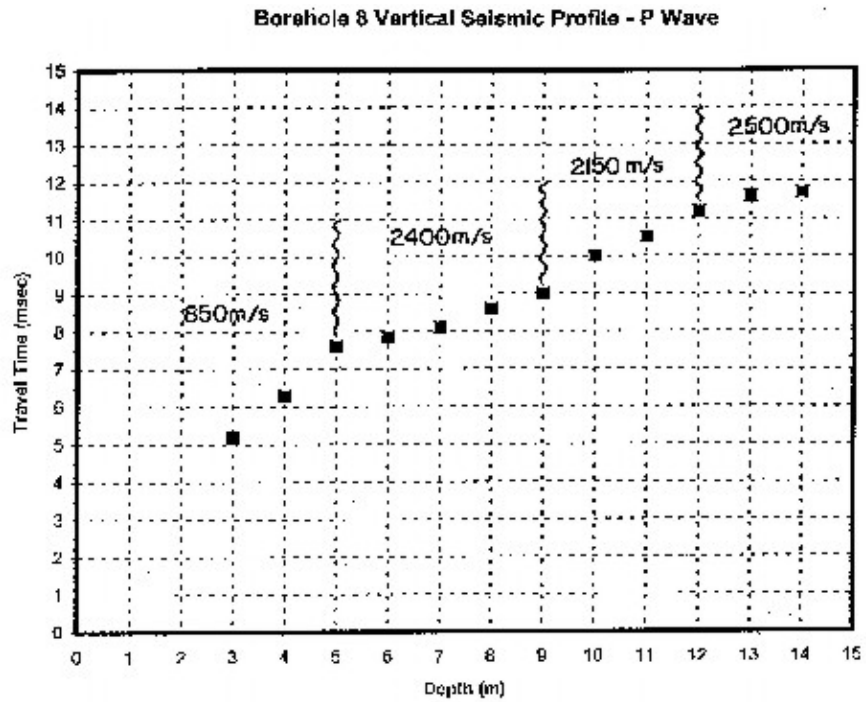
- Unit 1 Fill
- Unit 2 Topsoil
- Unit 3 Residual Clay/Extremely Weathered Sandstone
- Unit 4a Sandstone (Inferred as Class IV Sandstone)
- Unit 4b Sandstone (Inferred as Class III/I)

- Low Low Strength
- Med Medium Strength
- High High Strength

Note: Section C - C  
Shown on Figure 7



Figure 3.2/21 Interpreted Vertical Seismic Profiles



**LEGEND**

- 600 AVERAGE P WAVE VELOCITY IN m/sec
- 300 AVERAGE S WAVE VELOCITY IN m/sec

