

LOG OF DRILLHOLE

| DESCRIPTION OF CORE <small>WEATHERING, RELATIVE STRENGTH, COLOUR, NAME, DEFECT TYPE, LITHOLOGICAL FEATURES (bedding, foliation, mineralogy, cement etc.), STRATIGRAPHIC UNIT</small> | ROCK WEATHERING | | RELATIVE STRENGTH | TEST RESULT | CORE LOSS/LIFT % | DEPTH m | GRAPHIC LOG | SPACING OF NATURAL DEFECTS (cm) | DEFECT DESCRIPTION <small>(JOINTS, BEDDING, SEAMS, SHATTER, SHEAR AND CRUSH ZONES, FOLIATION, SCHISTOSITY- attitude, spacing, continuity, roughness, infilling, etc.)</small> | SOIL DESCRIPTION <small>(consistency, relative density, water content, plasticity, grading, group symbol etc.)</small> | PIEZOMETER | DRILL WATER LOSS % | DRILLING METHOD |
|---|-----------------|--------------------|-------------------|-------------|------------------|---------|-------------|---------------------------------|--|---|------------|--------------------|-----------------|
| | SW MW HW | S MS MW W | | | | | | | | | | | |
| FILL Limestone gravels and boulders, some Siltstone gravels | | | | | | 1 | | | | Slightly weathered, strong, pale grey white crystalline LIMESTONE gravels and boulders upto 500mm, sub horizontal fractures, rough surfaces mixed with some grey Siltstone gravels and boulders upto 150mm in orange brown fine SANDY CLAY matrix (ASH) | | | HQTT |
| ASH Completely weathered ASH | | | | | | 3 | | | | Mottled orange grey CLAY, firm, moist some organics | | | OB |
| MAHONEUI SILTSTONE Completely weathered Siltstone | | | | | | 4 | | | | Bluish grey fine SANDY SILT, firm, wet, some brown organics becoming stiffer, moist with depth | | | |
| Moderately weathered Siltstone | | | | | | 7 | | | | small (<5mm) grey moderately weathered Siltstone rock fragments, becoming greenish grey weakly cemented grey Siltstone | | | |
| Slightly weathered to fresh whitish grey moderately strong Siltstone, fairly massive, moderately inclined fine sandy bedding | | | | | | 8 | | | | bedding dips 25° - 35°, identifiable by thin (1 - 2mm) bands of darker grey fine SAND 80° calcite infilled fractures, tight, irregular | | | HQTT |
| | | | | | | 10 | | | | some mafic minerals | | | |
| | | | | | | 11 | | | | END OF HOLE AT 20m | | | |

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|-----------------------------|---|---|----------------|----------------------------|--------------------------------|
| DRILLER <u>AAAAA</u> | WEATHERING LW - Unweathered SW - Slightly weathered MW - Moderately weathered HW - Highly weathered CW - Completely weathered | RELATIVE STRENGTH VS - Very strong S - Strong MS - Moderately strong MW - Moderately weak W - Weak VW - Very weak | DEFECT LOG | PROJECT <u>12 345 67</u> | LOGGED <u>ABC</u> |
| STARTED <u>18/11/98</u> | EXPLANATION Hole is located approx. 30m nw of nw building corner. Area is flat and dry with low shrubs. Water encountered at 8.3m at time of drilling, 7.9m two hours after drilling, and 7.5m one hour after development of the well. | | | HOLE No. <u>DH1</u> | DATE <u>19/11/98</u> |
| FINISHED <u>19/11/98</u> | | | | LENGTH <u>10.5m</u> | TRACED <u>DEF</u> |
| DRILL <u>ACME Z-99</u> | | | | CHECKED <u>GHI</u> | ORIGINAL SCALE <u>1:50(A3)</u> |
| | | | | CORE BOXES <u>4</u> | |
| | | | | SHEET <u>1</u> OF <u>1</u> | DRG No. _____ |