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## SOIL LOG

HOLE NO: AHBV 28

| PROJEC  | СТ               |  | isbar | ne Val         | ley Gra                                  | ade     | Sepa      | aration        |  | JOB NO : QB10200.4   |          | F  | PAGE : 1 (                        | DF 1   |  |
|---|------------------|--|-------|----------------|--|---------|-----------|----------------|--|--|----------|--|-----------------------------------|--|--|
| POSITION : E: 470373, N: 6949954 (56 MGA94)   |                  |  |       |                |  |         | (56       | MGA9           | 4)   | SURFACE ELEVATION : 56.3 (AHD)   |          | LOCATION : Brisbane Valley Hwy           |                                   |  |  |
| RIG TYPE : Nissan Rig<br>DATE DRILLED : 23/5/11 to 23/5/11  |                  |  |       |                |  |         |           |                |  | CONTRACTOR : R. Battison   OGGED BY : LN CHECKED BY : VP   |          | BUCKET WIDTH : 0.1m<br>STANDARD : AS1736 |                                   |  |  |
| DRILLING & DETAIL   | Moisture Content |  | B DA  |                | SAMPLES & FIELD DATA                     | BL (m)  | DEPTH (m) | GRAPHIC<br>LOG | U.<br>S.<br>C.   | MATERIAL DESCRIPTION<br>Soil Type, Colour, Plasticity or Particle Characteristic<br>Secondary and Minor Components   | MOISTURE | CONSISTENCY/DENSITY                      | 5<br>10 (blows/100mm)<br>15<br>20 | COMMENTS<br>Field Test Data<br>& Other Observations  |  |
|   |                  |  |       |                |  |         |           |                | сн   | SAND - clayey SAND, fine to medium sand, dark brown, medium<br><u>o.gl</u> asticity clay fines, moist, loose.<br>CLAY - silty CLAY, high plasticity, orange grey, some fine sand, moist,<br>stiff. | м        | L  |                                   |  |  |
|   |                  |  |       |                | 0.50m<br>B-DS 1<br>0.60m<br>U-2<br>0.78m | - 55.8- | -0.5      |                | сн   | 0.45m<br>CLAY - sandy silty CLAY, high plasticity, grey brown mottled orange red,<br>fine to coarse sand, moist, stiff.  | м        | St                                       |                                   | 0.45: U50 PP = 260 kPa @<br>0.6 m,<br>PP = 160 kPa @ 0.9 m   |  |
|   |                  |  |       |                |  |         |           |                | СН   | L40m<br>CLAY - silty CLAY, high plasticity, grey brown mottled orange red, some<br>fine sand, moist, very stiff.   | м        | VSt                                      |                                   | 1.40: PP = 200 kPa @ 1.4<br>m,<br>PP = 210 kPa @ 1.8m  |  |
|   |                  |  |       |                |  | - 53.3- |           |                | сн   | 2.80m<br>CLAY - silty CLAY, high plasticity, light grey mottled orange, some fine<br>gravel, moist, very stiff.  | м        | VSt                                      |                                   | 2.80: PP =280 kPa @ 2.3m   |  |
|   | and A            |  | RILLI | NG<br>HQ<br>NQ | HQ Co                                    | ring    | -         |                |  | Terminated @ 3.0m.<br>No water encountered.<br>SAMPLES & FIELD TESTS<br>sturbed Sample SPT SPT Sample<br>Sample U Undisturbed Tube Sample  | 0 -      | 1  | VS                                | SISTENCY (Su) {N-value}<br>Very Soft < 12 kPa {0-2}  |  |
| AS Auger NQ NQ Coring<br>WB Washbore PQ PQ Coring<br>RR Rock Rolling NMLC NMLC Coring<br>GROUNDWATER SYMBOLS<br>▼ = Water level (static)<br>↓ = Water level (during drilling)<br>► = Water Inflow (during drilling) |                  |  |       |                |  |         | ng        | EW E           | ES Env Soil Sample U Undisturbed Tube Sample S Sc<br>EW Env Water Sample W Water Sample F Fi<br>B Bulk Disturbed Sample MOISTURE CONDITION St St<br>D = Dry M = Moist W = Wet H Ha |  |          | 2<br>3<br>7<br>12<br>2/100m              | F I<br>St S<br>VSt                | Soft 12 - 25 {2-4}<br>Firm 25 - 50 {4-8}<br>Stiff 50 - 100 {8-15}<br>Very Stiff 100 - 200 {15-3<br>Hard > 200 kPa {>30 |  |

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