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# BOREHOLE RECORD

HOLE

**G64**

SHEET 1

OF 1

PROJECT Southbank Education & Training Precinct

LOGGED BY LT  
DATE/S 22.06.05

CONTRACTOR North Coast Drilling  
DRILL MODEL Pioneer P120  
MOUNTING 6WD Utility Vehicle

ANGLE Vertical  
BEARING -  
DIAMETER 100mm

GROUND LEVEL ~RL 9.2m  
LOCATION Refer Figure 2

| DRILLING                                       | STRATA |       |              |        | MATERIAL DESCRIPTION  | CONDITION           |             |   |   |    |     |   |              |   |    |   |    | OBSERVATION |                                    |
|--|--------|-------|--------------|--------|---|---------------------|-------------|---|---|----|-----|---|--------------|---|----|---|----|-------------|------------------------------------|
| DCP<br>TEST RESULTS<br>(blows/100mm)           | R.L.   | DEPTH | GROUP SYMBOL | LEGEND | SOIL TYPE<br>Colour, Plasticity, Grain Size, Minor Components                               | WATER /<br>MOISTURE | CONSISTENCY |   |   |    |     |   |              |   |    |   |    |             | SOIL ORIGIN,<br>STRUCTURE,<br>ETC. |
|  | AHD    | m     |              |        |   |                     | COHESIVE    |   |   |    |     |   | NON COHESIVE |   |    |   |    |             |                                    |
|  |        |       |              |        |   |                     | VS          | S | F | ST | VST | H | VL           | J | MD | D | VD |             |                                    |
| AUGER<br>(TC Bit)                              | 8.90   | 0.30  |              |        | ASPHALT   |                     |             |   |   |    |     |   |              |   |    |   |    | FILL        |                                    |
|  |        |       |              |        | FILL: Silty Sandy Gravel, brown, fine to medium angular gravel.                             |                     |             |   |   |    |     |   |              |   |    |   |    |             |                                    |
| SPT @ 1.0m<br>1 / 1 / 3<br>N = 4               | 8.20   | 1.00  | CH           |        | Silty CLAY: Mottled red brown and grey, high plasticity, trace organics and fine gravel.    |                     |             |   |   |    |     |   |              |   |    |   |    | ALLUVIAL    |                                    |
|  |        | 2     |              |        |   |                     |             |   |   |    |     |   |              |   |    |   |    |             |                                    |
| SPT @ 2.5m<br>1 / 5 / 6<br>N = 11              |        | 3     |              |        |   |                     |             |   |   |    |     |   |              |   |    |   |    |             |                                    |
|  |        |       |              |        |   |                     |             |   |   |    |     |   |              |   |    |   |    |             |                                    |
| SPT @ 4.0m<br>6 / 14 / 16<br>N = 30            | 5.20   | 4.00  | CL           |        | Silty CLAY: Mottled orange brown, grey and cream white, medium plasticity.                  |                     |             |   |   |    |     |   |              |   |    |   |    | RESIDUAL    |                                    |
|  |        | 5     |              |        |   |                     |             |   |   |    |     |   |              |   |    |   |    |             |                                    |
| SPT @ 5.5m<br>9 / 17 / 22<br>N = 39            |        | 6     |              |        |   |                     |             |   |   |    |     |   |              |   |    |   |    |             |                                    |
|  |        |       |              |        |   |                     |             |   |   |    |     |   |              |   |    |   |    |             |                                    |
| SPT @ 7.0m<br>11 / 30 for 100mm<br>N = Refusal | 2.20   | 7.00  |              |        | XW PHYLLITE: Mottled orange brown, grey/cream white, estimated extremely low strength rock. |                     |             |   |   |    |     |   |              |   |    |   |    | XW ROCK     |                                    |
| SPT @ 7.85m<br>20 for 60mm<br>N = Refusal      | 1.35   | 7.85  |              |        |   |                     |             |   |   |    |     |   |              |   |    |   |    |             |                                    |
|  |        |       |              |        | End of borehole at 7.85m  |                     |             |   |   |    |     |   |              |   |    |   |    |             |                                    |

NOTES

1) Groundwater ingress noted at 4.6m.

JOB

84724

BOREHOLE/TEST PIT SETP.GPJ ARUP AUS.GDT 04/08/05