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PROJECT Southbank Education &amp; Training Precinct

 LOGGED BY LT  
 DATE/S 23.06.05

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

 ANGLE Vertical  
 BEARING -  
 DIAMETER 100mm

 GROUND LEVEL ~RL 6.8m  
 LOCATION Refer Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION										OBSERVATION				
	DCP TEST RESULTS (blows/100mm)	R.L.	DEPTH	GROUP SYMBOL		LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER/ MOISTURE	CONSISTENCY										SOIL ORIGIN, STRUCTURE, ETC.	
		AHD	m						COHESIVE					NON COHESIVE						
					VS	SL			ST	SH	VL	VL	ML	ML	DL	VD				
AUGER (TC Bit)	6.75	0.05			Asphalt. FILL: Silty Sandy Gravel, brown, fine angular gravel.													FILL		
	6.10	0.70	CH		Silty CLAY with Gravel: Silty clay with gravel, dark brown and gray and trace orange brown, medium plasticity, fine angular gravel.													ALLUVIAL		
SPT @ 1.0m 3/4/5 N = 9		1																		
WASHBORE (Roller Bit)		2			Colour grades to mottled grey and orange brown, high plasticity.															
SPT @ 2.5m 3/5/5 N = 10		3																		
SPT @ 4.0m 3/4/5 N = 9		4			Colour grades to red brown.															
SPT @ 5.4m 5 for 10mm N = Refusal	1.40	5.40																		
		5																		
		6																		
		7																		

## NOTES

- 1) Attempted borehole at three prior nearby locations, and in all cases hit something very hard @ 0.7m.
- 2) Diamond cored from 5.5-6.0m (possible boulder).

## JOB

# 84724

PROJECT	Southbank Education & Training Precinct			LOGGED BY	LT
CONTRACTOR	North Coast Drilling	ANGLE	Vertical	DATE/S	23.06.05
DRILL MODEL	Pioneer P120	BEARING	-	GROUND LEVEL	~RL 6.8m
MOUNTING	6WD Utility Vehicle	DIAMETER	100mm	LOCATION	Refer Figure 2

DRILLING		STRATA		MATERIAL DESCRIPTION										DISCONTINUITIES		
RUN. REC. (%)	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH					FREQUENCY (per m)	SPECIFIC			GENERAL DESCRIPTION Planarity, Roughness, Coating, Infill
		AHD	m				EL	VL	JM	I	VEH		1	3	10	
			1													
			2													
			3													
			4													
			5													
	Is(50) = 4.21 MPa	0.80	6.00		DW/SW PHYLLITE (possible BOULDER): Dark brown with orange brown and cream white mottling	DW/SW										
			7													

NOTES	TYPE OF DISCONTINUITY	JOB
1) Attempted borehole at three prior nearby locations, and in all cases hit something very hard @ 0.7m. 2) Diamond cored from 5.5-6.0m (possible boulder).	Jo JOINT Be BEDDING PLANE PARTING Fo FOLIATION PARTING Cl CLAY SEAM We WEATHERED SEAM Cr CRUSHED SEAM Sh SHEARED ZONE Qr QUARTZ SEAM	84724

CORED BOREHOLE SETP.GPJ ARUP\_AUS.GDT 04/08/05

