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PROJECT Southbank Education &amp; Training Precinct

LOGGED BY LT

DATE/S 06.06.05

CONTRACTOR North Coast Drilling

ANGLE Vertical

GROUND LEVEL ~RL 4.4m

DRILL MODEL Pioneer P120

BEARING -

LOCATION Refer Figure 2

MOUNTING 6WD Utility Vehicle

DIAMETER 100mm

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	VST	H	VL	J	MD	D	VD	
AUGER (TC Bit)	3.80	0.60			FILL: Silty Sandy GRAVEL: Pale brown, fine to medium angular gravel												FILL
SPT @ 1.0m 1 / 1 / 2 N = 3		1			FILL: Sandy CLAY, dark brown, high plasticity, wth fine to coarse grained sand, trace angular gravel and trace ash.  Colour grades to dark brown mottled orange brown.												
WASHBORE (Blade Bit)	2.20	2.20															
SPT @ 2.5m 1 / 2 / 2 N = 4		3		OH	Silty CLAY/CLAY: grey with trace orange brown mottling, high plasticity.												ALLUVIAL
SPT @ 4.0m 0 / 0 / 0 N = 0 (hammer weight)		4															
		5															
		6															
		7															
U50 @ 7.0m					Grading to dark grey												

NOTES

JOB

# 84724

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 CONTRACTOR North Coast Drilling  
 DRILL MODEL Pioneer P120  
 MOUNTING 6WD Utility Vehicle  
 ANGLE Vertical  
 BEARING -  
 DIAMETER 100mm

 GROUND LEVEL ~RL 4.4m  
 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	S	FL	ST	VST	H	VL	J		MD	D
		9	OH		Silty CLAY/CLAY: grey with trace orange brown mottling, high plasticity.												ALLUVIAL
SPT @ 10.0m 0 / 0 / 0 N = 0 (rod weight)		10															
		11															
	-7.10	11.50	CL		Silty CLAY with Gravel: grey with orange brown mottling, medium plasticity, with fine angular gravel												RESIDUAL
SPT @ 11.5m 0 / 0 / 2 N = 2		12															
		13															
	-8.60	13.00															
SPT @ 13.0m 9 / 14 / 30 for 110mm N = Refusal		13.41			XW PHYLLITE: Mottled orange brown and grey, estimated extremely low to very low strength												XW ROCK
	-9.01				End of borehole at 13.41m												
		14															
		15															

NOTES

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