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PROJECT Southbank Education & Training Precinct

 LOGGED BY LT
DATE/S 02.06.05

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

 GROUND LEVEL ~RL 4.1m
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	ST	H	VL	J	MD	D	VD				
AUGER (TC Bit)	4.05	0.05	FILL		TOPSOIL FILL: Sandy CLAY, dark brown mottled grey orange, high plasticity, fine to medium grained sand, with traces of fine grained gravel												TOPSOIL FILL			
SPT @ 1.0m 1 / 0 / 1 N = 1	3.10	1.00	FILL		FILL: Silty CLAY, grey mottled orange brown, high plasticity, with traces of fine to medium grained sand and gravel															
WASHBORE (Blade Bit)																				
	1.90	2.20	OH		CLAY / Silty CLAY: Grey mottled orange brown, high plasticity, with traces of fine to medim grained rounded gravel												ALLUVIAL			
SPT @ 2.5m 1 / 1 / 3 N = 4					Grades to grey															
SPT @ 4.0m 0 / 0 / 0 N = 0 (hammer weight)																				
U50 @ 7.0m																				

NOTES

1) Groundwater encountered at approximately 2.8m.

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 ANGLE Vertical
 BEARING -
 DIAMETER 100mm

 GROUND LEVEL ~RL 4.1m
 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						VS	COHESIVE	NON COHESIVE					
								S	ST	VL	MD	VD		
				OH		CLAY / Silty CLAY: Grey mottled orange brown, high plasticity, with traces of fine to medim grained rounded gravel								ALLUVIAL
		9												
		10												
		11												
		12												
		13				Grading to sandy clay, trace fine gravel								
SPT @ 13.0m 0 / 0 / 1 N = 1														
		14												
		14.50		CGS		Gravelly Sandy CLAY: Grey, high plasticity, fine to medium grained sand and fine grained angular gravel.								
SPT @ 14.5m 3 / 5 / 8 N = 13														
		15												
		16.00												
		-11.90												

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 GROUND LEVEL ~RL 4.1m
 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	VST	H	VL	J	MD	D	VD	
SPT @ 16.0m 2/3/2 N = 5	-12.90	17.00	GC		Clayey GRAVEL: multicoloured gravel with grey clay, fine grained agular gravel													ALLUVIAL
	-13.40	17.50			XW PHYLLITE: Orange brown													XW ROCK
SPT not possible due to collapsing gravel					End of borehole at 17.50m													
		18																
		19																
		20																
		21																
		22																
		23																

NOTES

1) Groundwater encountered at approximately 2.8m.

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