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PROJECT Southbank Education & Training Precinct

LOGGED BY LT
DATE/S 08.06.05

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

ANGLE Vertical
BEARING -
DIAMETER 100mm

GROUND LEVEL ~RL 4.5m
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							SOIL ORIGIN, STRUCTURE, ETC.			
	AHD	m				CONSISTENCY										
						COHESIVE			NON COHESIVE							
			VS	SL	ST	VST	H	VL	L	MD	VD					
AUGER (TC Bit)	3.90	0.60			FILL: Silty Sandy GRAVEL: Brown, fine to medium grained angular gravel											FILL
SPT @ 1.0m 5 / 8 / 3 N = 11		1			FILL: Sandy CLAY with gravel: Dark brown, high plasticity, fine to coarse grained sand, fine angular gravel, with trace ash											
WASHBORE (Roller Bit)	2.30	2.20			FILL: Sandy CLAY with gravel: Dark brown, high plasticity, fine to coarse grained sand, fine angular gravel, with trace ash											
SPT @ 2.5m 11 / 1 / 2 N = 3		3			CLAY / Silty CLAY: Grey, high plasticity, trace organics											ALLUVIAL
WASHBORE (Blade Bit)		4			CLAY / Silty CLAY: Grey, high plasticity, trace organics											
		5			CLAY / Silty CLAY: Grey, high plasticity, trace organics											
		6			CLAY / Silty CLAY: Grey, high plasticity, trace organics											
U50 @ 5.5m		7			CLAY / Silty CLAY: Grey, high plasticity, trace organics											
					CLAY / Silty CLAY: Grey, high plasticity, trace organics											

NOTES

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BOREHOLE/TEST PIT - SETP-SITE1/R1.GPJ - ARUP - AUS.GDT - 27/07/05

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 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	LD	MD	VD	
		9	OH		CLAY / Silty CLAY: Grey, high plasticity, trace organics											ALLUVIAL
SPT @ 11.5m 0 / 0 / 0 N = 0 (rod weight)		12														
SPT @ 13.0m 0 / 1 / 0 N = 1		13			Trace fine gravel											
SPT @ 14.5m 3 / 5 / 10 N = 15	-10.00	14.50	CL		Gravelly CLAY: Grey and mottled orange brown, medium plasticity, with fine angular gravel											RESIDUAL
	-11.50	16.00														

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 ANGLE Vertical
 BEARING -
 DIAMETER 100mm

 GROUND LEVEL ~RL 4.5m
 LOCATION Refer Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION		OBSERVATION						
	DCP TEST RESULTS (blows/100mm)	R.L.	DEPTH	GROUP SYMBOL		LEGEND	WATER/MOISTURE		CONSISTENCY					
AHD		m	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components		COHESIVE			NON COHESIVE						
						VS	SL	SH	VL	VL	MD	VD		
SPT @ 16.0m 15 / 30 for 90mm N = Refusal		-11.74	16.24			XW PHYLLITE: Orange brown mottled cream grey, estimated extremely low to very low strength. End of borehole at 16.24m								XW ROCK
			17											
			18											
			19											
			20											
			21											
			22											
			23											

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