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# BOREHOLE RECORD

HOLE

**G21**

SHEET 1

OF 3

PROJECT Southbank Education & Training Precinct

LOGGED BY LT

DATE/S 17.06.05

CONTRACTOR North Coast Drilling

ANGLE Vertical

DRILL MODEL Pioneer P120











BEARING -

MOUNTING 6WD Utility Vehicle

DIAMETER 100mm

GROUND LEVEL ~RL 4.3m

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		F	ST	VST	H	VL	J	MD	D	VD
AUGER (TC Bit)	4.23	0.07	FILL		Brick Paver FILL: Silty sandy GRAVEL: Dark brown, fine to medium angular gravel, fine to coarse grained sand													PAVER FILL
SPT @ 1.0m 2 / 1 / 2 N = 3	3.40	0.90			FILL: Sandy CLAY: Mottled orange brown and grey and cream, high plasticity, fine to medium grained sand													
WASHBORE (Blade Bit)	2.40	1.90	OH		CLAY / Silty CLAY: Mottled grey and orange brown, high plasticity, trace organics													ALLUVIAL
SPT @ 2.5m 1 / 3 / 5 N = 8																		
																		
SPT @ 4.0m 0 / 0 / 0 N = 0 (rod weight)																		
																		
U50 @ 5.5m					Grades to grey													
																		
																		

NOTES

JOB

84724

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

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HOLE

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SHEET 2

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ANGLE Vertical

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MOUNTING 6WD Utility Vehicle

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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 S F ST VST H	VL J MD D VD			
			OH		CLAY / Silty CLAY: Mottled grey and orange brown, high plasticity, trace organics				ALLUVIAL		
		9									
		10									
		11									
SPT @ 11.5m 0 / 0 / 0 N = 0 (rod weight)		12			With sand and trace fine gravel						
		13									
SPT @ 13.0m 0 / 2 / 5 N = 7		14									
	-9.90	14.20	CL		Gravelly Silty CLAY: Orange brown mottled grey, medium plasticity, fine to medium gravel				RESIDUAL		
SPT @ 14.5m 15 / 11 / 10 N = 21		15									

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BOREHOLE/TEST PIT SETP SITE: R1.GPJ ARUP AUS GDT 27/07/05

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SHEET 3

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DRILL MODEL Pioneer P120  
MOUNTING 6WD Utility Vehicle

ANGLE Vertical  
BEARING -  
DIAMETER 100mm

GROUND LEVEL ~RL 4.3m  
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	F	ST	VST	H	VL	J	MD	D		VD
SPT @ 16.0m 8 / 7 / 10 N = 17			CL		Gravelly Silty CLAY: Orange brown mottled grey, medium plasticity, fine to medium gravel													RESIDUAL
		17																
SPT @ 17.5m 17 / 22 / 30 for 130mm N = Refusal	-13.50	17.80																
		18			XW PHYLLITE: Grey and mottled orange brown, estimated very low strength													XW ROCK
SPT @ 19.0m 30 for 100mm N = Refusal	-14.80	19.10																
					End of borehole at 19.00m													
		20																
		21																
		22																
		23																

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