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PROJECT Southbank Education & Training Precinct

 LOGGED BY PBF
 DATE/S 10.06.05

 CONTRACTOR Mapstone Geotechnical Services ANGLE Vertical
 DRILL MODEL Gemco HS7 BEARING -
 MOUNTING Trailer DIAMETER 100mm

 GROUND LEVEL ~RL 7.3m
 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	SL			ST	VST	H	VL	L	MD	D	VD				
AUGER (TC Bit)	7.13	0.17			Concrete slab											SLAB				
	6.60	0.70			FILL: Gravelly Silty Clay, dark grey to black, high plasticity.											FILL				
			CH		Silty CLAY: Grey Brown, high plasticity, trace organics and fine gravel.											ALLUVIAL				
SPT @ 1.0m 1 / 2 / 3 N = 5		1																		
	5.30	2.00			Silty CLAY with Gravel: Mottled red brown, orange brown and grey, medium plasticity, fine angular gravel.											RESIDUAL				
			CL																	
SPT @ 2.5m 1 / 3 / 3 N = 6		2																		
					Colour grading to mottled orange brown and cream white, stiffness increasing.															
SPT @ 4.0m 3 / 6 / 12 N = 18		3																		
SPT @ 5.5m 10 / 30 for 110mm N = Refusal	1.90	5.40			XW PHYLLITE: Mottled orange brown and cream white, extremely low strength rock.											XW ROCK				
SPT @ 7.0m 30 for 100 mm N = Refusal		7																		
	-0.50	7.80			Hard drilling, nearing Auger refusal. End of borehole at 7.80m															

NOTES

1) Groundwater ingress noted at 5.5m.

JOB

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