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PROJECT Southbank Education &amp; Training Precinct

 LOGGED BY PBF  
 DATE/S 14.06.05

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

 GROUND LEVEL ~RL 8.1m  
 LOCATION Refer Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION	WATER/ MOISTURE	CONSISTENCY										OBSERVATION		
	DCP TEST RESULTS (blows/100mm)	R.L.	DEPTH	GROUP SYMBOL			LEGEND	COHESIVE					NON COHESIVE					SOIL ORIGIN, STRUCTURE, ETC.	
		AHD	m					VS	S	LS	ST	VS	H	VL	J	MD			VD
AUGER (TC Bit)	7.91	0.19			Concrete slab.													SLAB	
	7.60	0.50			FILL: Sandy Gravel, medium to coarse rounded gravel, some cobbles.													FILL	
	7.20	0.90			FILL: Silty Clay, dark grey to black, high plasticity.														
SPT @ 1.0m 1 / 2 / 3 N = 5		1	CH		Gravelly Silty CLAY: Mottled red brown, orange brown and grey, fine to coarse angular gravel.													ALLUVIAL	
		2																	
SPT @ 2.5m 5 / 7 / 8 N = 15		3																	
	4.40	3.70	CL		Silty CLAY with Gravel: Mottled orange brown and cream white, medium plasticity.													RESIDUAL	
SPT @ 4.0m 5 / 9 / 12 N = 21		4																	
		5																	
SPT @ 5.5m 21 / 30 for 110mm N = Refusal	2.60	5.50			XW PHYLLITE: Mottled orange brown and cream white, extremely low strength.													XW ROCK	
		6			Hard drilling from 6.5m.														
SPT @ 7.0m 20 for 50mm N = Refusal	1.10	7.00			End of borehole at 7.00m														

## NOTES

1) Groundwater ingress noted at 5.5m.

JOB

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