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PROJECT Southbank Education & Training Precinct

 LOGGED BY PBF
DATE/S 17.06.05

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

 GROUND LEVEL ~RL 6.6m
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				
AUGER (TC Bit)	6.47	0.13			Concrete slab.												SLAB FILL			
	6.00	0.60	CH		FILL: Gravelly Silt with Ash, light grey and black.												ALLUVIAL			
SPT @ 1.0m 1 / 2 / 3 N = 5		1			Silty CLAY: Mottled grey and brown, high plasticity, some fine to medium rounded gravel.															
		2																		
SPT @ 2.5m 1 / 2 / 2 N = 4		3																		
		4																		
SPT @ 4.0m 2 / 5 / 5 N = 10		5			Some gravel bands.															
		6																		
SPT @ 5.5m 3 / 4 / 8 N = 12		7																		
	-0.20	6.80	CL		Silty CLAY: Mottled orange brown, cream white and grey, medium plasticity.												RESIDUAL			
SPT @ 7.0m 5 / 9 / 9 N = 18																				

NOTES

1) Groundwater ingress noted at 6.8m.

JOB

84724

PROJECT	Southbank Education & Training Precinct			LOGGED BY	PBF
CONTRACTOR	Mapstone Geotechnical Services	ANGLE	Vertical	DATE/S	17.06.05
DRILL MODEL	Gemco HS7	BEARING	-	GROUND LEVEL	~RL 6.6m
MOUNTING	Trailer	DIAMETER	100mm	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	SH	VL	VL	MD	DD	VD								
				CL		Silty CLAY: Mottled orange brown, cream white and grey, medium plasticity.																RESIDUAL	
SPT @ 8.5m 8 / 15 / 22 N = 37		9																					
	-3.40	10.00																					
SPT @ 10.0m 14 / 22 / 30 for 140mm N = Refusal	-3.84	10.44				XW PHYLLITE: Mottled orange brown and cream white, extremely low strength rock.																	XW ROCK
						End of borehole at 10.00m																	
		11																					
		12																					
		13																					
		14																					
		15																					

NOTES

- Groundwater ingress noted at 6.8m.

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