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BOREHOLE RECORD

HOLE

G32

SHEET 1

OF 2

PROJECT Southbank Education & Training Precinct

LOGGED BY PBF
DATE/S 10.06.05

CONTRACTOR Mapstone Geotechnical Services
DRILL MODEL Gemco HS7
MOUNTING Trailer

ANGLE Vertical
BEARING -
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	S		F	ST	VST	H	VL	J	MD	D	VD
AUGER (TC Bit)	7.13	0.17			Concrete slab													SLAB
	6.50	0.80			FILL: Gravelly Silty Clay: Dark grey to black, high plasticity, trace organics, slight hydrocarbon odour noted.													FILL
SPT @ 1.0m 0 / 1 / 2 N = 3		1	CH		Silty CLAY with Gravel: mottled red brown, orange brown and grey, high plasticity, fine to medium angular gravel, trace organics.													ALLUVIAL
SPT @ 2.0m 3 / 3 / 8 N = 11		2																
	4.10	3.20	CL		Silty CLAY: mottled orange brown and cream white, medium plasticity.													RESIDUAL
SPT @ 4.0m 3 / 4 / 6 N = 10		4																
		5																
SPT @ 5.5m 6 / 10 / 13 N = 23		6																
		7																
SPT @ 7.0m 8 / 15 / 17 N = 32																		

NOTES

1) Groundwater ingress noted at 4.2m.

JOB

84724

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

BOREHOLE RECORD

HOLE

G32

SHEET 2

OF 2

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	AHD	m					COHESIVE				NON COHESIVE					
							VS	SL	ST	STH	VL	LD	MD	VD		
	-1.20	8.50	CL		Silty CLAY: mottled orange brown and cream white, medium plasticity.											RESIDUAL
SPT @ 8.5m 22 / 20 for 60mm (bouncing) N = Refusal		9			XW PHYLLITE: mottled orange brown and cream white, extremely low strength.											XW ROCK
	-2.70	10.00			End of borehole at 10.00m											
SPT @ 10.0m 10 for 30mm (bouncing) N = Refusal		11														
		12														
		13														
		14														
		15														

NOTES

1) Groundwater ingress noted at 4.2m.

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