

COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute the Department and author as follows: "*(c) State of Queensland (Department of Transport and Main Roads) 2021, licensed under the CC BY 4.0 Licence, prepared by Arup*". This licence does not apply to logos or trademarks.

LIMITATION OF LIABILITY

The CC BY 4.0 Licence contains a comprehensive Disclaimer of Warranties and Limitation of Liability. In addition, please note that this Document was prepared for Departmental use only. Reuse of the Document by anyone for any other purpose could result in error and/or loss. You should obtain professional advice before making decisions based on the contents of the Document.

When reproducing any part of this Document, you must also reproduce this limitation of liability notice in addition to the italicised attribution statement above.

Retrieved from the Queensland Geotechnical Database <http://ggd.org.au/>

This log has been contributed to the Queensland Geotechnical Database with the permission of Arup.

PROJECT Southbank Education & Training Precinct

 LOGGED BY PBF
 DATE/S 14.06.05

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

 GROUND LEVEL ~RL 8.1m
 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					VS	SL	ST	VST	H	VL	L	MD	DD	VD	
AUGER (TC Bit)	7.91	0.19			Concrete slab.												SLAB
	7.60	0.50			FILL: Sandy gravel, brown, medium to coarse rounded gravel.												FILL
			CH		Gravelly Silty CLAY: Mottled red brown, orange brown, cream white and grey, high plasticity.												ALLUVIAL
SPT @ 1.0m 4 / 6 / 6 N = 12		1															
		2			Some harder zones.												
SPT @ 2.5m 14 / 15 / 10 N = 25		3															
	4.60	3.50	CL		Silty CLAY: Mottled orange brown and cream white, medium plasticity.												RESIDUAL
SPT @ 4.0m 5 / 5 / 8 N = 13		4															
		5															
SPT @ 5.5m 7 / 7 / 11 N = 18		6															
		7															
SPT @ 7.0m 10 / 20 / 30 for 110mm N = Refusal	1.10	7.00			XW PHYLLITE: Mottled orange brown and cream white, extremely low strength.												XW ROCK

NOTES

1) Groundwater ingress noted at 5.1m.

JOB

84724

PROJECT Southbank Education & Training Precinct

LOGGED BY PBF
DATE/S 14.06.05

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

GROUND LEVEL ~RL 8.1m
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	VS	HL	VL	LD	VD			
	-0.40	8.50			XW PHYLLITE: Mottled orange brown and cream white, extremely low strength.													XW ROCK
SPT @ 8.5m 20 for 40mm (bouncing) N = Refusal					End of borehole at 8.50m													
		9																
		10																
		11																
		12																
		13																
		14																
		15																

NOTES

1) Groundwater ingress noted at 5.1m.

JOB

84724

BOREHOLE/TEST PIT - SETP.GPJ ARUP_AUS.GDT 27/07/05