

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 29.06.05

 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	VST	H	VL	L	ML	MD	VD				
AUGER (TC Bit)	7.87	0.23			Concrete slab.												SLAB			
	7.80	0.30			FILL: Gravel and Cobbles.												FILL			
	7.60	0.50			FILL: Gravelly Silty Clay, dark grey.												ALLUVIAL			
			CH		Silty CLAY with Gravel: Mottled grey, red brown and orange brown, high plasticity.															
SPT @ 1.0m 1 / 2 / 3 N = 5		1																		
	6.30	1.80																		
			CL		Silty CLAY with Gravel: Mottled orange brown and cream white, medium plasticity.												RESIDUAL			
SPT @ 2.5m 5 / 8 / 9 N = 17		2																		
		3																		
		4																		
SPT @ 4.0m 6 / 10 / 15 N = 25		4																		
		5																		
	2.80	5.30																		
	2.60	5.50			XW PHYLLITE: Mottled orange brown and cream white/grey, extremely low strength rock. End of borehole at 5.50m												XW ROCK			
SPT @ 5.5m 12 / 23 / 20 for 55mm N = Refusal		6																		
		7																		

NOTES

1) Groundwater ingress noted at 5.3m.

JOB

84724