

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 LT
DATE/S 02.06.05

 CONTRACTOR North Coast Drilling
DRILL MODEL Pioneer P120
MOUNTING 6WD Utility Vehicle
ANGLE Vertical
BEARING -
DIAMETER 100mm

 GROUND LEVEL ~RL 4.3m
LOCATION Refer Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION	WATER / MOISTURE	CONSISTENCY								OBSERVATION			
	DCP TEST RESULTS (blows/100mm)	R.L.	DEPTH	GROUP SYMBOL			LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	COHESIVE				NON COHESIVE				SOIL ORIGIN, STRUCTURE, ETC.	
		AHD	m						VS	SL	ST	HL	VL	JL		ML		DL
AUGER (TC Bit)	4.20	0.10			TOPSOIL FILL: Silty Sandy GRAVEL: Orange brown, fine to medium gravel												TOPSOIL FILL	
SPT @ 1.0m 2 / 2 / 2 N = 4	3.40	0.90			FILL: Clay with gravel: Brown with orange brown mottling, high plasticity, with fine angular gravel													
WASHBORE (Roller Bit)	2.30	2.00		OH	CLAY / Silty CLAY: Grey with orange and cream mottling, high plasticity, trace fine to medium angular gravel												ALLUVIAL	
SPT @ 2.5m 6 / 6 / 3 N = 9				OH	Colour grades to grey													
WASHBORE (Blade Bit)																		
U50 @ 4.0m																		
SPT @ 7.0m 0 / 0 / 0 N = 0 (hammer weight)																		

NOTES

JOB

84724

PROJECT Southbank Education & Training Precinct

 LOGGED BY LT
DATE/S 02.06.05

 CONTRACTOR North Coast Drilling
DRILL MODEL Pioneer P120
MOUNTING 6WD Utility Vehicle
ANGLE Vertical
BEARING -
DIAMETER 100mm

 GROUND LEVEL ~RL 4.3m
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	FL	ST	VST	H	VL	J	MD	D	VD	
		9	OH		CLAY / Silty CLAY: Grey with orange and cream mottling, high plasticity, trace fine to medium angular gravel													ALLUVIAL
		10																
		11																
		12																
		13			Grades to with fine to coarse grained sand													
SPT @ 13.0m 0 / 0 / 0 N = 0 (hammer weight)																		
		14																
		14.50	GC		GRAVEL with Clay: Cream with grey orange brown mottling, fine to medium grained angular gravel, with high plasticity grey clay													
SPT @ 14.5m 7 / 4 / 1 N = 5		14.80	CH		Gravelly CLAY: mottled brown and grey, high plasticity, with fine gravel.													
		15																

NOTES

JOB

84724

PROJECT Southbank Education & Training Precinct

 LOGGED BY LT
DATE/S 02.06.05

 CONTRACTOR North Coast Drilling
DRILL MODEL Pioneer P120
MOUNTING 6WD Utility Vehicle
ANGLE Vertical
BEARING -
DIAMETER 100mm

 GROUND LEVEL ~RL 4.3m
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	SL	ST	SH	VL	VL	MD	DD	VD	
SPT @ 16.0m 3 / 6 / 10 N = 16			CH		Gravelly CLAY: mottled brown and grey, high plasticity, with fine gravel.										
		17													
	-13.20	17.50													
SPT @ 17.5m 4 / 7 / 10 N = 17			CL		Silty CLAY: Mottled orange brown and cream white, medium plasticity										
		18													
	-14.70	19.00													
SPT @ 19.0m 13 / 30 for 150mm N = Refusal					XW PHYLLITE: Orange brown and mottled cream white, estimated extremely low to very low strength										
	-15.00	19.30			End of borehole at 19.30m										
		20													
		21													
		22													
		23													

RESIDUAL

XW ROCK

NOTES

JOB

84724