

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 26.05.05

 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	ML	DL	VD						
AUGER (TC Bit)	4.25	0.05			TOPSOIL FILL: Silty Sandy GRAVEL, orange brown, fined to medium grained, angular													TOPSOIL FILL		
	3.80	0.50			FILL: CLAY with Gravel, dark grey, mottled orange & cream brown, high plasticity, fine to coarse, angular gravel															
SPT @ 1.0m 3 / 3 / 3 N = 6		1																		
WASHBORE (Roller Bit)		2																		
	1.80	2.50		OH	CLAY / Silty CLAY: Grey with trace orange brown mottling, high plasticity, with some organics													ALLUVIAL		
SPT @ 2.5m 1 / 2 / 3 N = 5		3																		
WASHBORE (Blade Bit)		4																		
		5																		
SPT @ 4.0m 0 / 0 / 0 N = 0 (hammer weight)		6																		
		7																		
SPT @ 5.5m 0 / 0 / 0 N = 0 (hammer weight)																				
SPT @ 7.0m 0 / 0 / 0 N = 0 (hammer weight)																				

NOTES

JOB

84724


PROJECT	Southbank Education & Training Precinct			LOGGED BY	PBF
CONTRACTOR	North Coast Drilling	ANGLE	Vertical	DATE/S	26.05.05
DRILL MODEL	Pioneer P120	BEARING	-	GROUND LEVEL	~RL 4.3m
MOUNTING	6WD Utility Vehicle	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	VST	H	VL	L	MD	D	VD							
				OH		CLAY / Silty CLAY: Grey with trace orange brown mottling, high plasticity, with some organics																ALLUVIAL	
SPT @ 8.5m 0 / 0 / 0 N = 0 (hammer weight)		9																					
SPT @ 10.0m 0 / 0 / 0 N = 0 (hammer weight)		10																					
SPT @ 11.5m 0 / 0 / 0 N = 0 (hammer weight)		12																					
SPT @ 13.0m 0 / 0 / 0 N = 0 (hammer weight)		13				Some thin interbedded sand lenses																	
SPT @ 14.5m 0 / 0 / 0 N = 0 (hammer weight)		15				Grading to sandy clay with gravel, grey, high plasticity, fine to coarse grained sand, fine grained angular gravel																	
	-11.20	15.50				XW/DW PHYLLITE: Orange brown, mottled cream white, estimatd extremely low to very low strength																	XW/DW ROCK

NOTES	JOB
	84724

BOREHOLE/TEST PIT SETP SITE1 R1.GPJ ARUP_AUS.GDT 27/07/05

PROJECT	Southbank Education & Training Precinct			LOGGED BY	PBF
CONTRACTOR	North Coast Drilling	ANGLE	Vertical	DATE/S	26.05.05
DRILL MODEL	Pioneer P120	BEARING	-	GROUND LEVEL	~RL 4.3m
MOUNTING	6WD Utility Vehicle	DIAMETER	100mm	LOCATION	Refer Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION	OBSERVATION									
	DCP TEST RESULTS (blows/100mm)	R.L.	DEPTH	LEGEND				SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER/MOISTURE	CONSISTENCY						
		AHD	m								GROUP SYMBOL	COHESIVE	NON COHESIVE			
						VS	SL	ST	VST	HL	VL	LD	MD	DD	VD	SOIL ORIGIN, STRUCTURE, ETC.
SPT @ 16.0m 5 / 30 for 70mm N = Refusal		-11.92	16.22		End of borehole at 16.00m											
			17													
			18													
			19													
			20													
			21													
			22													
			23													

NOTES	JOB
	84724

BOREHOLE/TEST PIT SETP SITE1 R1.GPJ ARUP.AUS.GDT 27/07/05