

## **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://qgd.org.au/>

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

# BOREHOLE RECORD

HOLE

**G57**

SHEET 1

OF 2

PROJECT Southbank Education & Training Precinct

LOGGED BY LT

DATE/S 28.06.05

CONTRACTOR North Coast Drilling

ANGLE Vertical

DRILL MODEL Pioneer P120


BEARING -

GROUND LEVEL ~RL 11.0m

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	S	F	ST	VST	H	VL	J		MD	D	VD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
AUGER (TC Bit)	10.90	0.10			Concrete slab																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

NOTES

JOB

84724

# CORED BOREHOLE RECORD

HOLE

**G57**

SHEET 2

OF 2


PROJECT Southbank Education & Training Precinct

LOGGED BY LT  
DATE/S 28.06.05

CONTRACTOR North Coast Drilling  
DRILL MODEL Pioneer P120  
MOUNTING 6WD Utility Vehicle

ANGLE Vertical  
BEARING -  
DIAMETER 100mm

GROUND LEVEL ~RL 11.0m  
LOCATION Refer Figure 2

DRILLING		STRATA		MATERIAL DESCRIPTION										DISCONTINUITIES				
RUN, REC. (%)	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH					FREQUENCY (per m)	SPECIFIC			GENERAL DESCRIPTION  Planarity, Roughness, Coating, Infill		
		AHD	m				EL	VL	JL	ML	HL		VEH	TYPE	ANGLE		THICKNESS (mm)	
			1															
			2															
			3															
100%	Is(50) = 0.37 MPa Is(50) = 0.64 MPa Is(50) = 0.70 MPa	6.80	4.20		DW PHYLLITE: Mottled orange brown, grey and cream white	DW								Cr	15	20	PL, Ro2, sandy gravel PL, Ro2, sandy gravel PL, Ro2, clay veneer	
100%		6.70	4.30											Cr	15	15		
86%														Cr	0	40		
														Cr	0	40		
			4		Core Loss (100mm) DW PHYLLITE: Mottled orange brown, grey and cream white									Cr	0	40	PL, Ro2, sandy gravel stiff clay	
			5											Cr	0	15	PL, Ro2, sandy gravel stiff clay	
100%	Is(50) = 0.50 MPa													Cr	30	30	PL, Ro2, sandy gravel	
														Jo	10	5	PL, Ro2	
														Jo	15	10	PL, Ro2, clay veneer	
														Jo	0	10	PL, Ro2, clay veneer	
														Jo	10	15	PL, Ro2	
100%	Is(50) = 0.37 MPa																	
			6											Cr	0	15	PL, Ro2, sandy gravel	
		4.50	6.50											Jo	45	5	PL, Ro2	
														Jo	60	5	PL, Ro2	
														Jo	45	3	PL, Ro2, clay veneer	
			7															
NOTES						TYPE OF DISCONTINUITY										JOB		
						Jo JOINT Be BEDDING PLANE PARTING Fo FOLIATION PARTING Cl CLAY SEAM We WEATHERED SEAM Cr CRUSHED SEAM Sh SHEARED ZONE Qr QUARTZ SEAM												
																84724		

CORED BOREHOLE SETP.GPJ ARUP\_AUS.GDT 04/08/05

