

COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Cross River Rail Delivery Authority under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute as follows: "*(c) Cross River Rail Delivery Authority 2023, licensed under the CC BY 4.0 Licence, prepared by Douglas Partners*". 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 the Cross River Rail Delivery Authority 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/>

BOREHOLE LOG

CLIENT: AECOM Australia Pty Ltd
PROJECT: Cross River Rail - Phase 1
LOCATION: Cope Street, Annerley

SURFACE LEVEL: 22.5 m AHD
EASTING: 502818
NORTHING: 6958055
DIP/AZIMUTH: -90°/-

BORE No: CRR102
PROJECT No: 74321.00
DATE: 22 April 2010
SHEET 2 OF 4

RL	Depth (m)	Description of Strata	Degree of Weathering					Graphic Log	Rock Strength					Water	Fracture Spacing (m)			Discontinuities				Sampling & In Situ Testing			
			EW	HW	NW	SW	FR		Ex Low	Very Low	Low	Medium	High		Very High	Ex High	0.01	0.05	0.10	0.50	1.00	B - Bedding	J - Joint	S - Shear	D - Drill Break
	5.0	SANDSTONE (as before)																				C	100	20	
		- 200mm carbonaceous siltstone interbed																				C	100	50	
	5.5	CORE LOSS																							PL(D) = 0.05MPa
	5.6	- 300mm extremely low to very low strength, light grey siltstone interbed																				C	94	50	
		- 30mm clay seam, bedding at 10° bedding subhorizontal																							PL(A) = 0.03MPa PL(D) = 0MPa
		- 100mm high strength band																							
		- 300mm extremely low strength, light grey siltstone interbed																							PL(A) = 0.03MPa PL(D) = 0MPa
		- 100mm medium to high strength band																							
		- 120mm low to medium strength, highly weathered band																				C	100	35	
		- 50mm carbonaceous band																							PL(A) = 0.03MPa PL(D) = 0MPa
		- 50mm clay band																				C	100	0	
		- 250mm fine to coarse volcanoclastic sandstone interbed																							PL(A) = 0.09MPa PL(D) = 0.02MPa
		- 50mm clay seam																							
		- fresh																				C	100	20	

RIG: MD300 **DRILLER:** Taberner **LOGGED:** MAH **CASING:** HW to 4.0m
TYPE OF BORING: Auger 0.00-4.00m, NMLC Core 4.00-20.00m
WATER OBSERVATIONS: No free groundwater observed whilst augering
REMARKS: PVC standpipe installed

SAMPLING & IN SITU TESTING LEGEND			
A	Auger sample	gp	Pocket penetrometer (kPa)
D	Disturbed sample	PID	Photo ionisation detector
B	Bulk sample	S	Standard penetration test
U	Tube sample (x mm dia.)	PL	Point load strength Is(50) MPa
W	Water sample	V	Shear Vane (kPa)
C	Core drilling	▷	Water seep ◻ Water level

CHECKED
Initials: <i>MB</i>
Date: 24/6/10







