

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 the State of Queensland (Department of Transport and Main Roads)*". 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/>



GEOTECHNICAL
AUGERHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No **CRR962**

Sheet 1 of 1

REFERENCE No **H13057**

PROJECT	Cross River Rail (CRR) Project - Additional Geotechnical Investigation				
LOCATION	Roma Street Parklands Carpark			COORDINATES 501915.3 E; 6962100.8 N	
PROJECT No	FG6470	SURFACE RL	19.14m	PLUNGE	90°
				DATE STARTED	08/06/2018
JOB No		HEIGHT DATUM	AHD	BEARING	°
				DATE COMPLETED	08/06/2018
				DRILLER	Geodrill

DEPTH (m)	R.L. (m)	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
	18.92		CONCRETE				
	18.64	A	Sandy GRAVEL (Roadbase) Orange to brown, dry-moist, medium dense to dense (estimated).		(GP)	LL=23% PI= 7% MC=7% LS= 3% <75µm= 14%	BULK
		B	Fine to medium grained gravel, medium to coarse grained sand, with silt, trace clay.			7, 11, 14 N=25	
			Silty Sandy GRAVEL (Fill)			LL=19% PI= 6% MC=4.7% LS= 2% <75µm= 16%	SPT
		B	Brown to grey, moist, medium dense to dense.				
			Fine to medium gravel, fine to coarse grained sand, with some cobbles (<100mm).				
		C			(GM)		BULK
						14, 26, 21 N=47	
		D					SPT
	17.64	E				MC=6.7% CBR= 30% 10, 22, 25 N=47	BULK
		F	ARGILLITE (DCf) HW: Grey and orange-brown, foliated, very low to low strength. Some XW clay layers within.				SPT
		G				CBR= 30% 5, 30, 22 N=52	BULK
		H			HW		SPT
			2.40m: Mainly medium to high strength, with some low strength zones.				BULK
	16.52	J				30/120mm	SPT
			Borehole completed at 2.62m				

REMARKS: DCf - Neranleigh Fernvale Beds Large diameter auger was used for drilling to get bulk samples	LOGGED BY	REVIEWED BY
	MH	S.Foley