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Queensland
Government

ENGINEERING
TEST PIT LOG

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

EXCAVATION No **CRR946**

Sheet 1 of 1

DATE EXCAVATED **03/08/2018**

PROJECT	Cross River Rail (CRR) Project - Additional Geotechnical Investigation			REFERENCE NUMBER	T00548
LOCATION	Clapham Yard			COORDINATES	501307.58E; 6954293.00N
PROJECT No	FG6470	SURFACE R.L.	9.01m	HEIGHT DATUM AHD	
				BEARING	
				GRID DATUM	MGA94
JOB No		PLANT TYPE AND MODEL	5t	BUCKET SIZE	450mm
				CONTRACTOR	Excavator

DEPTH (m)	R.L. (m)	AUGER BUCKET (BLADE) BUCKET (TEETH) ROCK RIPPER	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	Dynamic Cone Penetrometer (DCP) Blows Per 100mm	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							0 5 10 15 20 25 30		
0.65	8.36		A	Silty Sandy GRAVEL with Cobbles (Fill) Dark brown mottled black, dry, loose to medium dense. medium to coarse sub-angular. Fine to coarse grained sand. Some rootlets.	(GM)				
1				Clayey SAND (Fill) Grey, pale brown, yellow mottled red, moist, medium dense. Medium to coarse grained. Medium to high plasticity clay. Trace medium gravel.	(SC)				BULK
1.20	7.80		B	Sandy CLAY (Residual) Red, grey and yellow, moist, soft to firm. High plasticity. Medium grained sand.	(CH)			LL= 54% PI= 36% MC= 17.6% LS= 15% <75µm= 51% CBR= 1.5%	BULK
2.00	7.00			Excavation completed at 2.00m.					
3									
4									
5									

REMARKS	LOGGED BY HM	REVIEWED BY SF
REFER TO ATTACHED TEST PIT LOG PHOTOGRAPHS.		

TEST PIT LOG PHOTOGRAPHS

Project Name	CRR 2018		
Project No.	FG6470	Date	03/08/2018
Test Pit No.	CRR946	Reference No.	T 00548



Photograph 1: Test pit profile



Photograph 2: Test pit site.