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**Queensland
Government**

**ENGINEERING
TEST PIT LOG**

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

EXCAVATION No **CRR942**

Sheet 1 of 1

DATE EXCAVATED **03/08/2018**

PROJECT	Cross River Rail (CRR) Project - Additional Geotechnical Investigation			REFERENCE NUMBER	T00546		
LOCATION	Clapham Yard			COORDINATES	501286.45E; 6954174.37N		
PROJECT No	FG6470	SURFACE R.L.	8.82m	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)						ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS		
							Blows Per 100mm									
				Silty GRAVEL with Cobbles (Fill) Dark brown, dry, medium dense. Fine to coarse, sub-angular. Trace fine to medium grained sand. Trace rootlets. Ballast.	(GM)											
0.75	8.07		A													BULK
			B	CLAY (Alluvium) Red, grey, moist, firm. High plasticity.	(CH)								LL= 72% PI= 55% MC= 20.8% LS= 15% <75µm= 79% CBR= 1%			BULK
2.02	6.82		C	Excavation completed at 2.00m.												BULK
3																
4																
5																

REMARKS	LOGGED BY HM	REVIEWED BY SF
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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.	CRR942	Reference No.	T 00546



Photograph 1: Test pit profile

TEST PIT LOG PHOTOGRAPHS

Project Name	CRR 2018		
Project No.	FG6470	Date	03/08/2018
Test Pit No.	CRR942	Reference No.	T 00546



Photograph 2: Test pit site.



Photograph 3: Upper soil profile.