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Queensland
Government

ENGINEERING
TEST PIT LOG

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

EXCAVATION No **CRR934**

Sheet 1 of 1

DATE EXCAVATED **02/08/2018**

PROJECT	Cross River Rail (CRR) Project - Additional Geotechnical Investigation			REFERENCE NUMBER	T00544
LOCATION	Salisbury Station			COORDINATES	502215.90E; 6952173.50N
PROJECT No	FG6470	SURFACE R.L.	10.35m	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	
0.26	10.09		A	Silty Sandy GRAVEL / COBBLES (Fill) Dark brown and dark grey, dry, medium dense. Medium to coarse, angular to sub-angular. Fine to coarse grained sand. Ballast. Trace rootlets.		(GM)								BULK
			B	Gravelly SAND (Fill) Pale brown, moist, medium dense. Medium to coarse, sub-angular. Fine to medium grained sand.		(GP)								BULK
0.75	9.60													
0.90	9.45		C	Silty SAND (Fill) Brown, grey, moist, medium dense. Fine to medium grained sand. Some rootlets.		(SM)								BULK
1				Sandy CLAY (Residual) Red, brown mottled grey, moist, very stiff. Low to medium plasticity. Fine to medium grained sand. Trace rootlets.		(CH)								
2.02	8.35		D											BULK
				Excavation completed at 2.00m.										
3														
4														
5														

LL= 62% PI= 40%
MC= 22.4% LS= 16%
<75µm= 63%
CBR= 4%

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	02/08/2018
Test Pit No.	CRR934	Reference No.	T 00544



Photograph 1: Test pit profile

TEST PIT LOG PHOTOGRAPHS

Project Name	CRR 2018		
Project No.	FG6470	Date	02/08/2018
Test Pit No.	CRR934	Reference No.	T 00544



Photograph 2: Site photograph before excavation



Photograph 3: DCP test