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**Queensland
Government**

ENGINEERING TEST PIT LOG

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

EXCAVATION No **CRR937**

Sheet 1 of 1

DATE EXCAVATED **02/08/2018**

PROJECT **Cross River Rail (CRR) Project - Additional Geotechnical Investigation**

REFERENCE NUMBER **T00545**

LOCATION **Salisbury Station**

COORDINATES **502212.00E; 6952261.27N**

PROJECT No **FG6470**

SURFACE R.L. **10.77m**

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		
0.50	10.27		A	Sandy GRAVEL with Cobbles (Fill) Brown, moist, loose. Medium to coarse, angular to sub-angular. Fine to coarse grained sand. Some rootlets.		(GP)			BULK
0.87	9.90		B	Gravelly SAND (Fill) Pale brown, moist, loose. Fine to coarse grained. Medium to coarse sub-angular gravel. Trace clay.		(SP)			
1				Silty SAND (Residual) Grey, brown mottled red., moist, medium dense to dense. Medium to coarse grained.		(SM)			BULK
1.80	8.97		C						BULK
2			D	Silty CLAY (Residual) Red, brown, moist, soft to firm. Low plasticity.		(CH)			BULK
2.30	8.47			Excavation completed at 2.30m.					
3									
4									
5									

LL= 12% PI= 2%
MC= 5.4% LS= 2%
<75µm= 40%
CBR= 7%

LL= 73% PI= 51%
MC= 21% LS= 18%
<75µm= 70%
CBR= 1%

REMARKS

LOGGED BY

BK

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.	CRR937	Reference No.	T 00545



Photograph 1: Test pit profile

TEST PIT LOG PHOTOGRAPHS

Project Name	CRR 2018		
Project No.	FG6470	Date	02/08/2018
Test Pit No.	CRR937	Reference No.	T 00545



Photograph 2: Upper soil profile.

Photograph 3: NA