

## **COPYRIGHT NOTICE**

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute the Department as follows: "*(c) State of Queensland (Department of Transport and Main Roads) 2020, licensed under the CC BY 4.0 Licence*". This licence does not apply to the Queensland Government logo 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 Departmental 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/>

**TEST PIT LOG**

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

FEATURE No TP23  
 SHEET 1 of 1  
 DATE EXCAVATED 19/08/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C  
 LOCATION Cut 16 COORDINATES 470503.3 E; 7097460.6 N  
 PROJECT No FG5799 SURFACE R.L. 79.00 DATUM AHD SYSTEM MGA94 Zone 56  
 JOB No 232/10A/2 EQUIPMENT TYPE AND MODEL JCB Backhoe BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	USC WEATHERING	SOIL DESCRIPTION	0 4 8 12 16>20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components				
				ROCK DESCRIPTION				
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	79.00			<b>Silty Sandy GRAVEL (Residual)</b> Light brown, dry, dense. Occasional siltstone cobbles and boulders.		LL = 46; PI = 12; LS = 7.8; MC = 9.1%; WPI=351, WLS=226	11G0834	25052
	78.20		GM					
	78.00		HW	<b>SILTSTONE HW:</b> Light brown, fine grained, low to medium strength.		1.0m: Refusal		
				Excavation terminated at 1m				

QLD\_DMR\_LUR\_01A.GLB Log\_A\_TEST PIT LOG FG57-9 - BRUCE HIGHWAY SECTION C TEST PIT LOGS.DPJ DW308302.GDW CPT Tool glN Add-hr.29/11/2011 09:01

Backfilled excavation



Test pit profile



Excavated material from 0.0-0.8m



REMARKS MC=Moisture Content, LL=Liquid Limit, PI=Plastic Index, LS=Linear Shrinkage, WPI=PI x % pass 0.425mm sieve,  
 WLS=LS x % pass 0.425mm sieve, FSV=Field Shear Vane, PP<sub>10</sub>=Pocket Penetrometer, EC=Emerson Class Number

LOGGED BY  
 JD/JA