

## **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/>



**Queensland  
Government**

Department of  
**Main Roads**

# TEST PIT LOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F:GEOT 017/5-2009

FEATURE No TP026

SHEET 1 of 1

DATE EXCAVATED 22/09/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

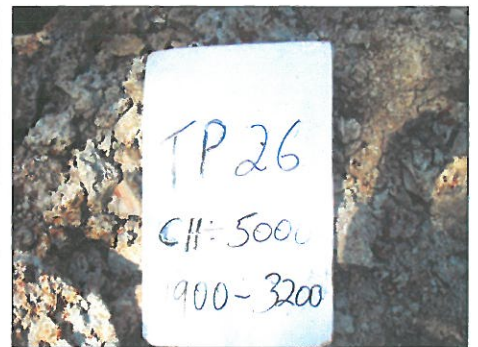
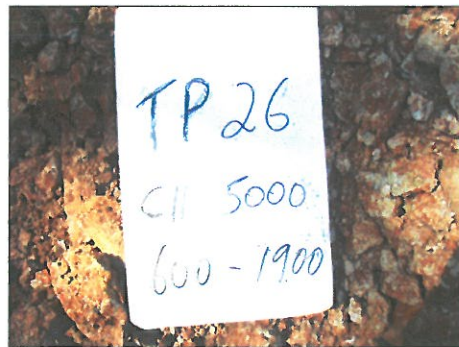
LOCATION Embankment Z COORDINATES 488017.5 E; 7080436.2 N

PROJECT No FG5825 SURFACE R.L. 114.74 DATUM AHD SYSTEM MGA94

JOB No 128/10A/901 EQUIPMENT TYPE AND MODEL JCB BACKHOE BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	WEATHERING	SOIL DESCRIPTION	VDCP LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	(Cone Resistance)			
				ROCK DESCRIPTION	VDCP19			
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	(MPa)			
					0 4 8 12 16>20			
0	114.74	BUCKET	USC	<b>Topsoil</b>		LL = 16; PI = 3; LS = 1.4; MC = 7.4%; WPI 215  PP(UCS) 413kPa LL = 63; PI = 29; LS = 17.8; MC = 24.7%; WPI 2205  PP(UCS) 333kPa  MC = 21.9% PP(UCS) 280kPa  MC = 19%  ▶ Minor seepage	09G1529	22196
	114.59		SM	<b>Silty SAND</b> Light brown, low plasticity. Sand - medium to fine grained. Dry, medium dense.				
	114.14		MH	<b>Sandy SILT</b> Grey with orange/red Fe staining, high plasticity. Sand - coarse, quartz. Less sand with depth. Moist, hard.				
	112.84		(CI)	<b>Silty CLAY</b> Pale grey with red Fe staining, medium plasticity. Very stiff, moist becoming wet below 2.7m.				
	111.54		(SC)	<b>Clayey SAND</b> Pale grey with yellow Fe staining low plasticity. Moist to wet, very stiff.				
4	110.64			Excavation terminated at 4.1m				
5	109.74							

QLD\_DMR\_LIB\_01.GLB Log A TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A.TPS.GPJ DWG59759.GDW Datalog CPT Tool.gINI Add-In: 24/06/2010 17:28



REMARKS Parentheses indicate visual classification only. PP = Pocket penetrometer

LOGGED BY  
RK/GB P.Simson