

## **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 TP059

SHEET 1 of 1

DATE EXCAVATED 04/08/07

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 17 COORDINATES 482792.1 E; 7080852.1 N

PROJECT No FG5825 SURFACE R.L. 102.05 DATUM AHD SYSTEM MGA94

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

DEPTH (m)	R.L. (m)	METHOD	USC WEATHERING	SOIL DESCRIPTION	VDCP LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	VDCP 37 (MPa)			
				ROCK DESCRIPTION	0 4 8 12 16>20			
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	102.05	BUCKET		<b>Topsoil silty CLAY</b> , brown.		LL = 60; PI = 28; LS = 11.2; MC = 24.5%; WPI 2459	09G1263	22043
	102.00		MH	<b>SILT (Alluvium?)</b> Yellowish brown, high plasticity. Trace of gravel - subangular, low to medium strength, red, Fe stained and cemented.				
	101.20		MH	<b>SILT with some gravel, (Alluvium)</b> Mottled yellow/orange, high plasticity. Gravel - subangular, quartz. Moist, hard.		PP(UCS) >400kPa	09G1264	22097
	100.85		GM	<b>Silty GRAVEL with some sand (Residual Soil?)</b> Reddish brown, medium plasticity. Gravel - angular, low strength, medium to coarse grained, phyllite.		LL = 62; PI = 27; LS = 11.8; MC = 21.2%; WPI 2048 PP(UCS) >400kPa	09G1265	22172
	99.85			Excavation terminated at 2.2m		LL = 47; PI = 16; LS = 8.6; MC = 19.6%; WPI 748		
	98.05					PP(UCS) >400kPa		

OLD\_DMR\_LIB\_01.GLB Log A TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A.TPS.GPJ DWG66407.GDW Datagel CPT Tool gINT.Add.in 24/06/2010 17:40



REMARKS PP = Pocket penetrometer

LOGGED BY  
RK/GB P.Simson