

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 TP144a

SHEET 1 of 1

DATE EXCAVATED 03/02/10

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Approximately 20m west of TP144 COORDINATES 481631.0 E; 7080731.0 N

PROJECT No FG5825 SURFACE R.L. 100.00 DATUM AHD SYSTEM MGA94

JOB No 128/10A/901 EQUIPMENT TYPE AND MODEL Hitachi 5T Tracked Excavator BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	USC	WEATHERING	SOIL DESCRIPTION SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	DCP LOG (Blow Count / 100mm)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	100.00				ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	0 4 8 12 16 >20			
99.80			OL		Gravelly SILT (Topsoil) Dark brown moist, firm. Low plasticity; trace clay; gravel fraction is fine to coarse grained, sub-rounded to angular, phyllite and quartz; rootlets.				
99.20			GM		Silty GRAVEL (Alluvium) Dark Brown, moist, loose to medium dense. Trace sand; gravel fraction is fine to coarse grained, sub-rounded to angular; trace cobbles of quartz, phyllite, fine grained sandstone, shale; phyllite gravel is generally tabular; rootlets.		LL = 44; PI = 15; LS = 8.2; MC = 13.7%; WPI=331	A	D,Bulk
98.70			GM		Silty GRAVEL (Alluvium) Dark brown to red brown, moist, medium dense. Low plasticity; trace clay; gravel fraction is composed of fine to coarse grained, sub-rounded to angular, phyllite, quartz and occasionally sandstone; trace rootlets.		LL = 42; PI = 16; LS = 7.2; MC = 10.3%; WPI=486	B	U100
					GRAVEL with silt (Alluvium) Pale brown, moist, dense. Trace sand; gravel fraction comprises fine to coarse grained, sub-rounded to angular, phyllite, quartz and shale; trace cobbles of quartz and phyllite up to 200mm dia.		LL = 40; PI = 13; LS = 8.2; MC = 8.7%; WPI=263	C	D,Bulk
96.80									
96.40			XW		PHYLLITE (XW): Generally exhibits the engineering properties of pale red brown and mottled pale grey, moist, hard, silty Clay. Trace gravels of phyllite; rock structure/foliation visible in parts; rootlets - up to 4mm dia.		▶ Slight seepage at north end of pit. LL = 41; PI = 13; LS = 6.6; MC = 17.4%; WPI=724	D	D,Bag
					Excavation terminated at 3.6m				
4	96.00								

Testpit Profile



Excavated Material



REMARKS FSV= Field shear vane (Peak/residual);

LOGGED BY
BJD

QLD_DMR_LIB_01_GLB_Log_A_TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A TFS GPJ DWG13036 GDW Datagel CPT Tool gINI Add-In 25/06/2010 14:12