

## **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 017/5-2009

FEATURE No TP028

SHEET 1 of 1

DATE EXCAVATED 23/09/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 9

COORDINATES 487772.4 E; 7080599.0 N

PROJECT No FG5825

SURFACE R.L. 129.79

DATUM AHD

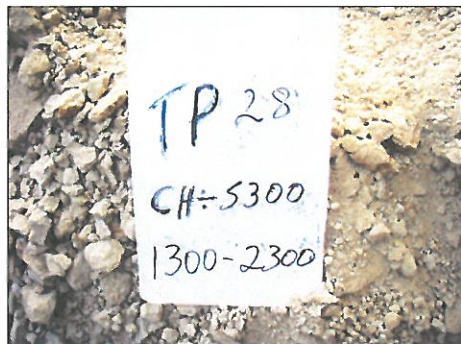
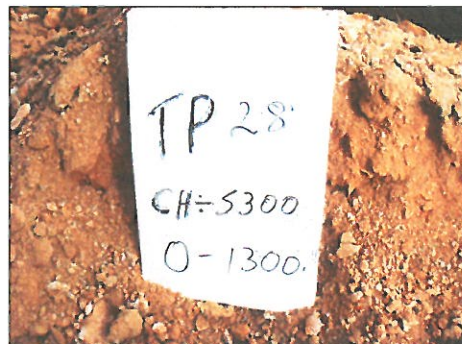
SYSTEM MGA94

JOB No 128/10A/901

EQUIPMENT TYPE AND MODEL JCB BACKHOE

BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	USC WEATHERING	SOIL DESCRIPTION SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	VDCP LOG (Cone Resistance)  (MPa) 0 4 8 12 16>20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	129.79	BUCKET	SC-SM	<b>Clayey SAND</b> Pale grey with red and orange Fe staining, high plasticity. Sand - medium to coarse grained, quartz. Dry to moist, hard.		LL = 51; PI = 26; LS = 12.8; MC = 12%; WPI 2789 PP(UCS) 483kPa	09G1537	22218
1	128.49		CI	<b>Sandy CLAY</b> Pale grey, edium plasticity. Sand - medium to fine grained, quartz. Dry to moist, very stiff to hard.		PP(UCS) 330kPa  LL = 39; PI = 17; LS = 9.8; MC = 20.3%; WPI 960 PP(UCS) >500kPa	09G1538	22273
2	127.49		SC	<b>Clayey SAND</b> Pale grey with yellow Fe staining, medium plasticity. Sand - medium to fine grained, quartz. Moist, hard.		LL = 35; PI = 12; LS = 7.4; MC = 14.8%; WPI 794 PP(UCS) >500kPa	09G1539	22267
3	126.19			Excavation terminated at 3.6m				
4	125.79							



REMARKS PP = Pocket penetrometer

LOGGED BY  
RK/GB P.Simson