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**Queensland
Government**
Department of
Main Roads

TEST PIT LOG

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

FEATURE No TP029
SHEET 1 of 1
DATE EXCAVATED 23/09/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation
LOCATION Embankment 8 COORDINATES 487334.8 E; 7080719.7 N
PROJECT No FG5825 SURFACE R.L. 115.38 DATUM AHD SYSTEM MGA94
JOB No 128/10A/901 EQUIPMENT TYPE AND MODEL JCB BACKHOE BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	BUCKET	USC	WEATHERING	SOIL DESCRIPTION SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	VDCP LOG (Cone Resistance) VDCP21 (MPa) 0 4 8 12 16 >20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
						ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	115.38					Topsoil				
	115.18					Sandy CLAY Dark grey with orange Fe staining, medium plasticity. Sand - medium to fine, quartz. Moist, hard.		LL = 43; PI = 24; LS = 13.4; MC = 24.1%; WPI 1728 PP(UCS) 450kPa	09G1540	22253
1	114.28				CI	Clayey SAND (Alluvium?) Pale grey with yellow Fe staining, low plasticity. Sand - medium to coarse grained, quartz. Dry to moist, hard.		PP(UCS) >500kPa MC = 15.8%	09G1541	
2					(SC)					
	112.68					Clayey SAND with some gravel Light grey, low plasticity. Moist to wet, hard. Gravel - angular, low strength, cemented particles. Indurated.		PP(UCS) >500kPa Minor seepage MC = 14.6%	09G1542	
3	112.18				(SC)					
4	111.38					Excavation terminated at 3.2m				

Q.L.D. DMR_LIB_01.GLB Log A TEST PIT LOG FG5825 BRUCE HWY COOROY CURRA SECTION A TFS.GPJ DWG02759.GDW Datagel CPT Tool gINT Add-In 24/08/2010 17:28



REMARKS Parentheses indicate visual classification only. PP = Pocket penetrometer

LOGGED BY
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