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**Queensland
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Department of
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TEST PIT LOG

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

FEATURE No TP061

SHEET 1 of 1

DATE EXCAVATED 05/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 18 COORDINATES 482325.2 E; 7080681.7 N

PROJECT No FG5825 SURFACE R.L. 101.88 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
				ROCK DESCRIPTION	VDCP 39 (MPa)			
0	101.88	BUCKET		SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	0 4 8 12 16>20			
	101.63			Topsoil; Silty CLAY , brown.				
			CH	Gravelly silty CLAY (Residual soil) Mottled red/grey, high plasticity. Gravel - angular, low to high strength, quartz and Fe stained and cemented particle. Moist, very stiff. Becoming Fe stained below 0.5m		Organics throughout stratum PP(UCS) 250kPa LL = 63; PI = 32; LS = 14.8; MC = 26.5%; WPI 1795 PP(UCS) 337kPa	09G1269	22054
	100.48		GC	XW Phyllite; Clayey GRAVEL Mottled red/pale grey, medium plasticity. Gravel - angular, low strength, red and grey Fe stained and cemented particles. Moist, very stiff.		PP(UCS) 350kPa Small amount of Rock LL = 48; PI = 22; LS = 10.6; MC = 20.8%; WPI 879	09G1270	22124
	100.18		HW	HW Phyllite; Clayey GRAVEL Grey with yellow Fe staining, closely jointed, low to medium strength, some clay lined joints. Moist, hard.		LL = 32; PI = 10; LS = 6.6; MC = 10%; WPI 250	09G1271	22104
	99.18			Excavation terminated at 2.7m				
	97.88							



REMARKS PP = Pocket penetrometer

LOGGED BY
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