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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 TP043

SHEET 1 of 1

DATE EXCAVATED 14/08/09

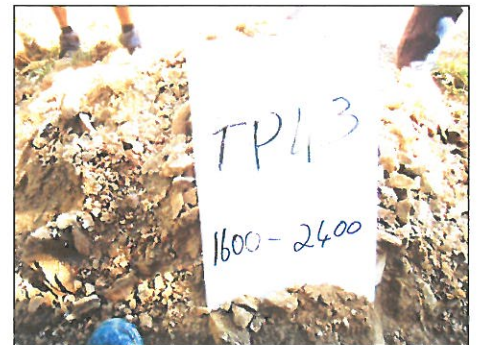
PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 12 COORDINATES 485033.2 E; 7081094.4 N

PROJECT No FG5825 SURFACE R.L. 175.98 DATUM AHD SYSTEM MGA94

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

DEPTH (m)	R.L. (m)	BUCKET	METHOD	USC WEATHERING	SOIL DESCRIPTION SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	VDCL LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
					ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	(MPa) 0 4 8 12 16 >20			
0	175.98				Topsoil				
	175.96			MH	SILT (Residual soil) Orange brown, high plasticity. Moist, hard.		LL = 67; PI = 24; LS = 9.4; MC = 29.8%; WPI 2263	09G1297	22089
1	175.28			XW-HW	XW-HW Phyllite; Gravelly Silty SAND Grey with red brown Fe staining, very close jointing and foliation, very low to medium strength. Some XW seams and red MH silt lining joints. Moist, hard.		PP(UCS) 500kPa LL = 49; PI = 15; LS = 7.6; MC = 18.6%; WPI 376	09G1298	22115
2	174.38			HW	HW Phyllite; Silty Sandy GRAVEL Grey with red brown Fe staining, very close jointing and foliation, very low to medium strength. Some red MH silt lining joints. Moist, hard.		PP(UCS) 440kPa LL = 40; PI = 10; LS = 4.2; MC = 12.8%; WPI 307	09G1299	22111
	173.58				Excavation terminated at 2.4m				
3									
4	171.98								



REMARKS PP = Pocket penetrometer

LOGGED BY
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