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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 TP048

SHEET 1 of 1

DATE EXCAVATED 19/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 14

COORDINATES 484510.4 E; 7081266.3 N

PROJECT No FG5825

SURFACE R.L. 156.98

DATUM AHD

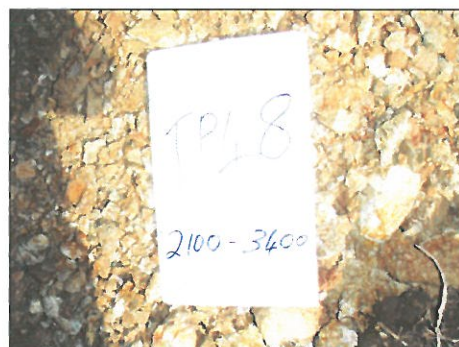
SYSTEM MGA94

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 SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	156.98	BUCKET			Topsoil light brown.				
	156.75								
	156.53		MH		SILT with some sand (Residual soil) Red-brown, high plasticity. Moist, stiff. Sand - coarse, angular, low strength, dark red, Fe stained and cemented.		LL = 53; PI = 18; LS = 9.6; MC = 28.3%; WPI 1373 PP(UCS) 163kPa	09G1361	22087
1					XW Phyllite; Silty GRAVEL Mottled pale grey and reddish brown, medium plasticity. Moist, hard. Gravel - coarse to medium grained, angular, very low to medium strength, red, Fe stained and cemented. Some pale grey MH seams.		LL = 36; PI = 11; LS = 7.2; MC = 10.4%; WPI 223	09G1362	22095
2			GM						
	154.88				HW Phyllite; Silty GRAVEL Pale grey with red-brown Fe staining, very close jointing and foliation, very low to medium strength. Some pale grey MH seams. Moist, hard.		PP(UCS) 230kPa		
3							LL = 37; PI = 11; LS = 6.8; MC = 11%; WPI 317	09G1363	22117
	153.58		HW						
4	152.98				Excavation terminated at 3.4m				



REMARKS PP = Pocket penetrometer

LOGGED BY
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