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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 TP068

SHEET 1 of 1

DATE EXCAVATED 20/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

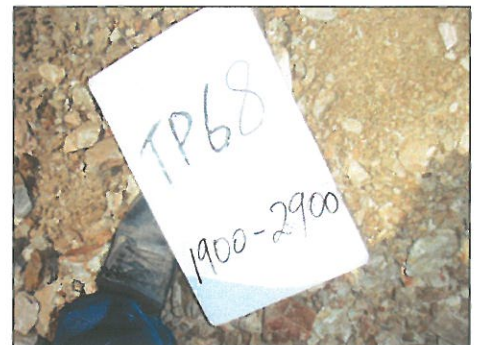
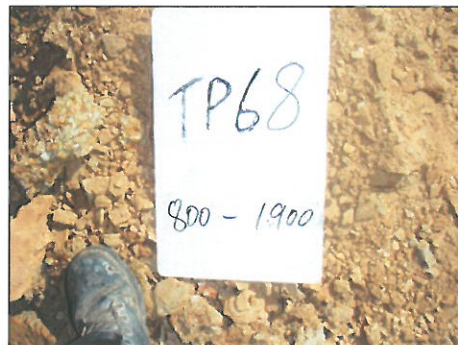
LOCATION Cut 25 COORDINATES 481204.7 E; 7080898.9 N

PROJECT No FG5825 SURFACE R.L. 109.88 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	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	(Cone Resistance)			
				ROCK DESCRIPTION	(MPa)			
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	0 4 8 12 16 >20			
0	109.88	BUCKET		Topsoil light grey-brown, dry.				
	109.83		GM	Silty GRAVEL with some sand (Residual soil) Light orange-brown, medium plasticity. Moist, hard. Gravel - medium to coarse grained, subangular to angular, low to medium strength, phyllite particles.		LL = 50; PI = 14; LS = 8.6; MC = 13.7%; WPI 473	09G1382	22112
1	109.08		GM	XW Phyllite; Silty GRAVEL Mottled red/yellow/pale grey, medium plasticity. Moist, very stiff. Gravel - angular, very low to medium strength, pale grey and red Fe stained.		PP(UCS) >600kPa		
	107.98		GM			LL = 42; PI = 15; LS = 8.4; MC = 16.6%; WPI 313	09G1383	22114
2	107.98		HW	HW Phyllite; Clayey GRAVEL Pale grey with red & yellow Fe staining, closely jointed, low to medium strength, some clay lined joints. Moist, hard.		PP(UCS) 210kPa		
	106.98					LL = 30; PI = 8; LS = 6.2; MC = 7.9%; WPI 178	09G1384	22113
3				Excavation terminated at 2.9m				
4	105.88							

OLD_DMR_LIB_01.GLB Log A TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A TPS.GPJ DWG64067.GDW D:\geot\cpt\Tool\glnt\Add-In\24/08/2010 17:40



REMARKS PP = Pocket penetrometer

LOGGED BY
RW/GB P.Simson