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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 TP044

SHEET 1 of 1

DATE EXCAVATED 14/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 12

COORDINATES 484840.6 E; 7081148.2 N

PROJECT No FG5825

SURFACE R.L. 142.85

DATUM AHD

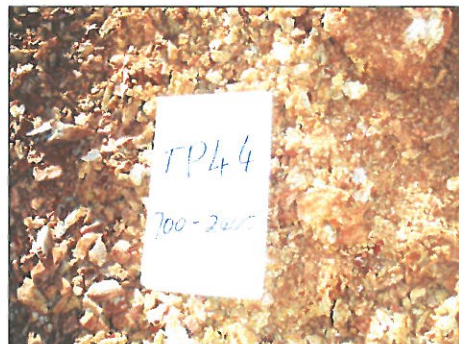
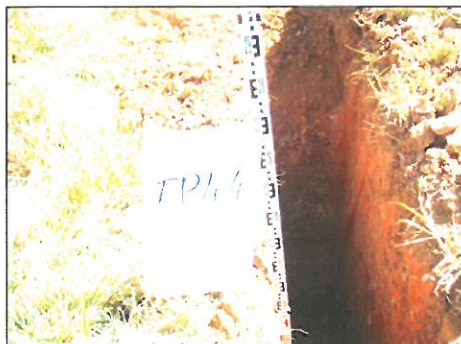
SYSTEM MGA94

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)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
					ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP 29 (MPa)			
0	142.85	BUCKET				0 4 8 12 16 >20			
	142.80				Topsoil Orange-brown.				
					XW Phyllite; Silty GRAVEL Reddish brown/Orange, high plasticity. Moist, hard. Gravel - coarse, angular, very low strength, Fe stained and cemented.		LL = 67; PI = 34; LS = 11.6; MC = 24.1%; WPI 469	09G1300	22108
	142.15						PP(UCS) 477kPa		
1					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.		MC = 16.5%	09G1301	
2									
	140.45						PP(UCS) 350kPa		
3					Excavation terminated at 2.4m				
4	138.85								



REMARKS PP = Pocket penetrometer

LOGGED BY
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