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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 TP045

SHEET 1 of 1

DATE EXCAVATED 14/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 13

COORDINATES 484792.5 E; 7081161.6 N

PROJECT No FG5825

SURFACE R.L. 144.33

DATUM AHD

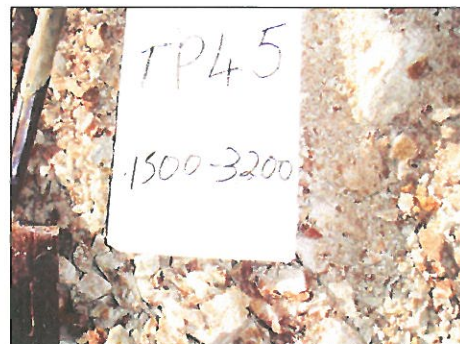
SYSTEM MGA94

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 DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	144.33	BUCKET	USC	Topsoil; Sandy Clay Light brown.				
	144.23			SILT with some gravel, (Residual soil) Mottled red/orange, high plasticity. Moist, hard. Gravel - red, angular to subangular, very low to low strength, Fe stained & cemented.		LL = 62; PI = 27; LS = 11.2; MC = 20.6%; WPI 1899	09G1302	22069
1			MH					
	142.83			XW Phyllite; Silty GRAVEL Mottled, grey, brown and red, medium plasticity. Moist, hard. Gravel - coarse, angular, very low to medium strength, red, Fe stained. Some highly jointed HW zones.		PP(UCS) 467kPa		
2			GM			LL = 43; PI = 14; LS = 7.6; MC = 18.7%; WPI 515 PP(UCS) 577kPa	09G1303	22100
3								
	141.13			Excavation terminated at 3.2m				
4	140.33							



REMARKS PP = Pocket penetrometer

LOGGED BY
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