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**Queensland
Government**

Department of
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TEST PIT LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/5-2009

FEATURE No TP038

SHEET 1 of 1

DATE EXCAVATED 11/09/09

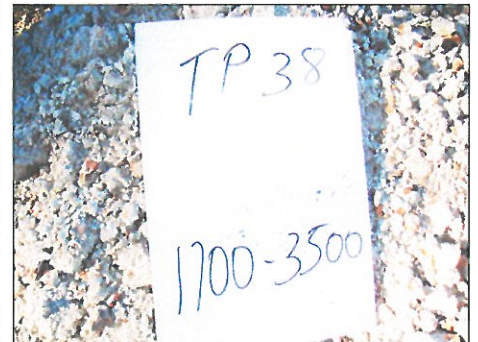
PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 11 COORDINATES 485949.0 E; 7080833.2 N

PROJECT No FG5825 SURFACE R.L. 166.33 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)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
					ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	166.33	BUCKET				0 4 8 12 16>20			
	166.18				Topsoil - brown Sandy CLAY				
1				(MH)	XW Siltstone; SILT with a trace of gravel Mottled pale grey/red, high plasticity. Moist, hard. Gravel - angular, low strength, Fe stained and cemented.		PP(UCS) 343kPa LL = 70; PI = 33; LS = 13.2; MC = 23.7%; WPI 1637	09G1431	22134
	164.63						PP(UCS) 460kPa		
2				CI	XW Claystone; CLAY with some gravel Mottled white/red, medium plasticity. Moist, hard. Gravel as above.		PP(UCS) 560kPa		
							LL = 47; PI = 21; LS = 9.4; MC = 14.6%; WPI 1522	09G1432	22127
							PP(UCS) 553kPa		
3									
	162.83				Excavation terminated at 3.5m				
4	162.33								



REMARKS Parentheses indicate visual classification only. PP = Pocket penetrometer

LOGGED BY
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