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TEST PIT LOG

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

FEATURE No TP002

SHEET 1 of 1

DATE EXCAVATED 15/09/09

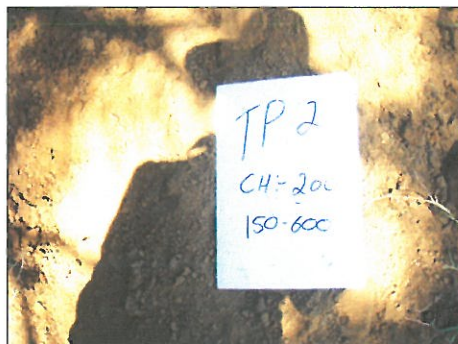
PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 1 COORDINATES 490947.5 E; 7076771.8 N

PROJECT No FG5825 SURFACE R.L. 118.05 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	118.05	BUCKET		Topsoil				
	117.90							
			SM	Silty SAND Light yellow, medium plasticity. Sand - coarse grained. Moist, Stiff.		LL = 43; PI = 14; LS = 11.4; MC = 21.3%; WPI 821	09G1443	22159
	117.45							
1			SM	Silty SAND Yellow with orange Fe staining, high plasticity. Sand - medium to coarse grained. Moist, very stiff.		LL = 54; PI = 22; LS = 14.2; MC = 24.2%; WPI 1303 PP(UCS) 283kPa	09G1444	22139
	116.25					PP(UCS) 440kPa		
2			CH	Silty CLAY with some gravel (Residual soil) Pale grey to white with red Fe staining, high plasticity. Moist to wet, hard becoming very stiff at depth.		PP(UCS) 302kPa LL = 67; PI = 35; LS = 16; MC = 25.6%; WPI 2861	09G1445	22145
	114.55					PP(UCS) 250kPa		
4	114.05			Excavation terminated at 3.5m				



REMARKS PP = Pocket penetrometer

LOGGED BY
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