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TEST PIT LOG

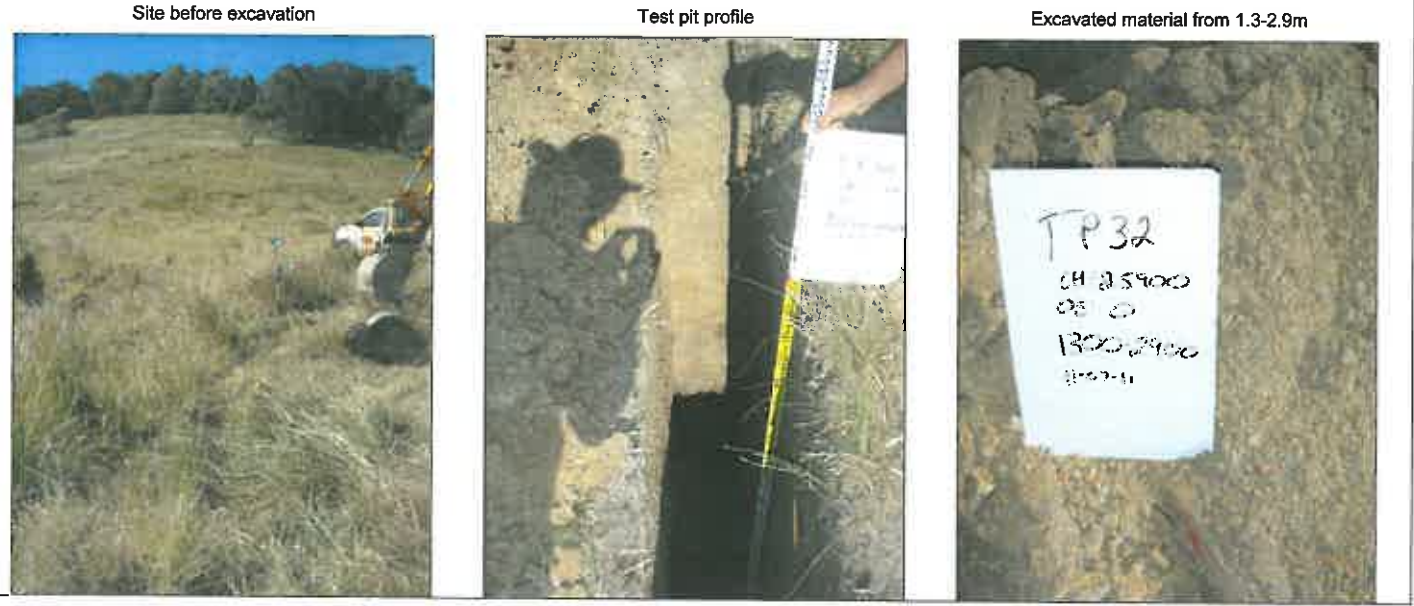
FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

FEATURE No TP32
SHEET 1 of 1
DATE EXCAVATED 11/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Embankment 3 COORDINATES 472844.7 E; 7089427.5 N
PROJECT No FG5799 SURFACE R.L. 89.00 DATUM AHD SYSTEM MGA94 Zone 56
JOB No 232/10A/2 EQUIPMENT TYPE AND MODEL JCB Backhoe BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	USC WEATHERING	SOIL DESCRIPTION	VDCP LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				ROCK DESCRIPTION	VDCP32 (MPa)			
0	89.00	BUCKET		SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components				
	88.82		CI	ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	0 4 8 12 16 >20			
				TOPSOIL Brown, moist, firm, gravelly silty clay. Intermediate plasticity, organics throughout, gravel up to 10mm. Sandy Gravelly CLAY (Alluvium?) Light brown to grey, moist, very stiff to hard. Low plasticity, trace sand.		FSV=152/41 kPa LL = 29; PI = 10; LS = 6.6; MC = 20%; WPI=748, WLS=482	11G0661	25132
1			CL	0.7m: Becoming intermediate plasticity, increase in gravel content.		LL = 42; PI = 21; LS = 11.2; MC = 21.1%; WPI=1378, WLS=717	11G0662	25178
	87.70			Sandy CLAY (Residual) Brown mottled with orange, moist, very stiff. Low plasticity, occasional gravel.				
2			CL			MC = 20.5%	11G0663	24870
	86.10 86.00		XW	METASANDSTONE XW: When excavated exhibits the properties of grey mottled with orange, moist, very dense, silty sand. Excavation terminated at 3m		MC = 21.5%	11G0664	24870
4	85.00							

QLD_DMR_LIB_01A.GLB Log A_TEST PIT LOG FG5799 - BRUCE HIGHWAY SECTION C TEST PIT LOGS.GPJ DWG56902.GDW Dalgel CPT Tool gINT Awd-in 28/11/2011 09:02



REMARKS MC-Moisture Content, LL-Liquid Limit, PI-Plastic Index, LS-Linear Shrinkage, WPI=PI x % pass 0.425mm sieve, WLS=LS x % pass 0.425mm sieve, FSV-Field Shear Vane, PP₁₀₀-Pocket Penetrometer, EC-Emerson Class Number

LOGGED BY
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