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TEST PIT LOG

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

FEATURE No TP29
SHEET 1 of 1
DATE EXCAVATED 12/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Embankment 2 COORDINATES 473133.8 E; 7088676.9 N
PROJECT No FG5799 SURFACE R.L. 73.00 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	VDCP29 (MPa)			
0	73.00			SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	0 4 8 12 16 >20			
	72.82		ML	ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
				TOPSOIL Brown, dry, firm, gravelly silt. Low plasticity, organics throughout, gravel up to 300mm. Silty CLAY (Alluvium) Dark grey to brown, moist, stiff to very stiff. High plasticity, trace sand.		LL = 75; PI = 48; LS = 20; MC = 25.6%; WPI=4540, WLS=1880	11G0692	25181
1			CH	1.6m: Becoming dark brown to dark grey.				
2				2.2m: Becoming very stiff to hard.		MC = 20.7%	11G0693	24867
3	70.00			Excavation terminated at 3m				
4	69.00							

QLD.DMR.Lib_014.GLB Log_A_TEST PIT LOG FG5799 - BRUCE HIGHWAY SECTION C TEST PIT LOGS.GPJ DWG56902.GDW Daigal CPT Tool.gINT Add-in 28/11/2011 09:02

Site before excavation



Test pit profile



Excavated material from 0.18-1.6m



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

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