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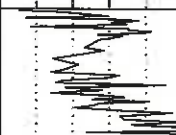
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TEST PIT LOG

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

FEATURE No TP42
SHEET 1 of 1
DATE EXCAVATED 18/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Embankment 10 COORDINATES 471179.3 E; 7095580.3 N
PROJECT No FG5799 SURFACE R.L. 59.20 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 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	VDCP42 (MPa)			
0	59.20	BUCKET				0 4 8 12 16 >20			
	59.10			ML	TOPSOIL Light brown, moist, firm to stiff, clayey silt. Low plasticity, organics throughout, trace fine gravel <10mm. Sandy CLAY (Residual) Brown and slightly mottled with red, moist, very stiff to hard. Low plasticity, trace gravel		LL = 33; PI = 17; LS = 10.4; MC = 16.8%; WPI=1338, WLS=842	11G0764	25174
1				CL					
2									
3	55.90				2.45m: Becoming hard and grading into XW rock.		MC = 20.1%	11G0765	24879
4	55.20				Excavation terminated at 3.3m				

Site before excavation



Test pit profile



Excavated material from 0.1-2.45m



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, PP-Pocket Penetrometer, EC-Emerson Class Number

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