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## TEST PIT LOG

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

FEATURE No TP43  
SHEET 1 of 1  
DATE EXCAVATED 06/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C  
LOCATION Embankment 10 COORDINATES 471050.2 E; 7095935.9 N  
PROJECT No FG5799 SURFACE R.L. 61.50 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)	BUCKET	METHOD	USC WEATHERING	SOIL DESCRIPTION SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	VDCLP LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	61.50				ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCLP43 (MPa)			
	61.30				<b>TOPSOIL</b>		MC = 23.5%	11G0631	24798
	60.90			SC	<b>Clayey SAND (Residual)</b> Light brown, moist, medium dense to dense. Occasional fine gravel		FSV= 128/26 kPa LL = 35; PI = 14; LS = 7.8; MC = 19.7%; WPI=783, WLS=421	11G0632	24933
1	60.00			CI	<b>Sandy CLAY (Residual)</b> Brown to red, moist, stiff to very stiff. Intermediate plasticity, occasional gravel.		LL = 43; PI = 22; LS = 12.6; MC = 20.7%; WPI=1328, WLS=769	11G0633	25133
2	59.50			HW	<b>SILTSTONE HW:</b> When excavated exhibits the properties of grey to brown, moist, very dense, silty gravel. Gravel is low strength.		MC = 16.1%	11G0634	24798
2					Excavation terminated at 2m				
3									
4	57.50								

Site before excavation



Test pit profile



Excavated material from 0.2-0.6



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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