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TEST PIT LOG

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

FEATURE No TP31
SHEET 1 of 1
DATE EXCAVATED 11/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Embankment 3 COORDINATES 472910.1 E; 7089236.3 N
PROJECT No FG5799 SURFACE R.L. 92.40 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
0	92.40	BUCKET		ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP31 (MPa)			
	92.22		ML	TOPSOIL Brown, moist, firm, clayey silt. Low plasticity, organics throughout. Sandy Silty CLAY (Alluvium?) Dark grey to brown, moist, very stiff. High plasticity	0 4 8 12 16>20	FSV=143/44 kPa		
1			CH			LL = 63; PI = 40; LS = 17.4; MC = 27.6%; WPI=3615, WLS=1566	11G0666	25209
2	90.30		ML	Sandy SILT (Residual) Light brown, moist, hard. Low plasticity, HW siltstone gravel.		MC = 17.5%	11G0667	24869
3	89.40			Excavation terminated at 3m				
4	88.40							

Site before excavation



Test pit profile



Excavated material from 0.18-2.1m



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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