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## TEST PIT LOG

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

FEATURE No TP47  
SHEET 1 of 1  
DATE EXCAVATED 12/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C  
LOCATION Embankment 2 COORDINATES 473135.3 E; 7088754.7 N  
PROJECT No FG5799 SURFACE R.L. 73.30 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	ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP LOG (Cone Resistance) VDCP47 (MPa)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	73.30						0 4 8 12 16 >20			
73.10				CH	TOPSOIL Brown, moist, soft, silty clay. High plasticity, organics throughout, occasional sand and gravel particles.			FSV= 128/38 kPa LL = 40; PI = 18; LS = 10.6; MC = 25.1%; WPI=1402, WLS=827	11G0698	25182
				CI	Gravelly Sandy CLAY (Alluvium) Dark brown, moist, very stiff to hard.  Intermediate plasticity. 0.5m: Becoming hard			LL = 41; PI = 20; LS = 11.4; MC = 28.1%; WPI=1508, WLS=844	11G0699	25140
72.00				SC	Gravelly Clayey SAND (Alluvium) Brown, wet, dense.			1.3m: Rapid seepage  MC = 32.2%	11G0700	24788
71.50										
2					Excavation terminated at 1.8m					
3										
4	69.30									

Site before excavation



Test pit profile



Excavated material from 0.2-0.5m



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<sub>150</sub>-Pocket Penetrometer, EC-Emerson Class Number

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