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TEST PIT LOG

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

FEATURE No TP41

SHEET 1 of 1

DATE EXCAVATED 7/7/11

PROJECT Bruce Highway Upgrade (Coorey to Curra) Section C

LOCATION Embankment 9 COORDINATES 471389.3 E; 7095107.1 N

PROJECT No FG5799 SURFACE R.L. 62.60 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	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	VDCP41 (MPa)			
0	62.60	BUCKET	USC	TOPSOIL	0 4 8 12 16 >20	MC = 19%	11G0647	24801
	62.40		SC	Gravelly Clayey SAND (Residual?) Dark brown, moist, medium dense.		FSV= 152/23 kPa LL = 29; PI = 11; LS = 5.4; MC = 16%; WPI=611, WLS=308	11G0648	25179
1	61.80		CI	Sandy CLAY (Residual?) Dark brown to red, moist, stiff to very stiff. Intermediate to high plasticity, trace fine to medium grained gravel.		LL = 49; PI = 29; LS = 15; MC = 22.3%; WPI=2400, WLS=1230 PP _(su) = 108kPa	11G0649	25180
2	60.10			Excavation terminated at 2.5m				
3								
4	58.60							

Site before excavation



Test pit profile



Excavated material from 0.2-0.8m



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_(su)-Pocket Penetrometer, EC-Emerson Class Number

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