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TEST PIT LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/5-2009

FEATURE No TP122

SHEET 1 of 1

DATE EXCAVATED 27/01/10

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 9

COORDINATES 487137.2 E; 7080760.8 N

PROJECT No FG5825

SURFACE R.L. 111.72

DATUM AHD

SYSTEM MGA94

JOB No 128/10A/901

EQUIPMENT TYPE AND MODEL Hitachi 5T Tracked Excavator

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	DCP LOG (Blow Count / 100mm) 0 4 8 12 16 >20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
0	111.72							
	111.42		OL	Clayey SILT (Topsoil) Pale grey to brown, dry, stiff. Low plasticity; trace fine to coarse sand; trace fine to coarse, sub-angular, phyllite and quartz gravel; roots up to 20mm dia.				
	111.12		CI	Silty CLAY (Colluvium) Pale orange and red brown with pale grey mottling, moist, stiff to very stiff. Intermediate plasticity; trace fine to medium, sub-angular to sub-rounded gravel comprised of phyllite, chert and quartz; trace rootlets.		LL = 48; PI = 21; LS = 12; MC = 16.9%; WPI=1888	A	D,Bulk
1				Silty CLAY (Residual Soil) Pale grey with red and brown mottling, moist, very stiff. High plasticity. Trace iron corestones/nodules up to 10mm diameter; occasional pale brown staining and rootlets.		LL = 47; PI = 21; LS = 11.8; MC = 16.7%	B	U100
2			CH			LL = 59; PI = 32; LS = 16.2; MC = 16.9%; WPI=2997	C	D,Bulk
3				Below 2.5m: Becoming predominately pale grey with occasional pale brown and red brown mottling.		LL = 60; PI = 35; LS = 15.6; MC = 18.1%; WPI=3180	D	D,Bulk
	108.02					FSU (Su) 114/18 181/24 170/30		
4	107.72			Excavation terminated at 3.7m				

Testpit Profile



Excavated Material



REMARKS FSV= Field shear vane (Peak/residual);

LOGGED BY
BJD

OLD_DMR_LIB_01_GLB_Log_A_TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A TFS GPJ DWG-13036 GDW Dalgia CPT Tool gln Add-In 25/06/2010 14:11