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TEST PIT LOG

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

FEATURE No TP117
SHEET 1 of 1
DATE EXCAVATED 05/02/10

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation
LOCATION Elm St offramp into existing embankment toe. COORDINATES 487384.0 E; 7080729.1 N
PROJECT No FG5825 SURFACE R.L. 113.71 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	DCP LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components				
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	(Blow Count / 100mm)			
					0 4 8 12 16 >20			
0	113.71							
	113.41		CI	Silty CLAY with Gravel (FILL) Pale grey, pale brown and red brown, moist, stiff. Intermediate plasticity; fine to medium grained phyllite gravel; rootlets.		LL = 47; PI = 21; LS = 13.6; MC = 22.4%; WPI = 1512	A	D,Bulk
			CI	Silty CLAY with Gravel (FILL) Red brown to pale grey and yellow brown, moist, stiff. Intermediate plasticity; gravel fraction consists of fine to medium grained, subangular to angular phyllite.				
	112.41							
	112.11		ML	Sandy SILT (Relict Topsoil) Dark brown, moist, stiff. Trace quartz and phyllite gravel, fine to medium grained, subangular to angular.		LL = 58; PI = 30; LS = 14.4; MC = 25.4%; WPI = 2730	B	D,Bulk
			XW	SILTSTONE (XW) Generally exhibits the engineering properties of pale grey to mottled brown and orange, moist, hard silty Clay of high plasticity. Roots up to 4mm dia.				
	109.71			From 3.6m: Showing the engineering properties of silty sand with gravel. Gravel consists of fine to coarse grained, subangular to angular sandstone; pockets of conglomerate material.				
				Excavation terminated at 4m				
	108.71							

Testpit Profile



Excavated Material



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

LOGGED BY
BJD

Q.L.D. DMR_LIB_01.GLB Log A TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A TPS.GPJ DWG13036.GDW Dargel CPT Tool glNI Add-In 25/06/2010 14:11