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**TEST PIT LOG**

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

FEATURE No TP118

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 487340.2 E; 7080748.7 N

PROJECT No FG5825 SURFACE R.L. 111.94 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				
0	111.94			<b>ROCK DESCRIPTION</b> ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
111.74	111.59	GM		<b>Silty GRAVEL (Fill/Slope Debris)</b> Pale brown, moist, loose. Gravel is fine to coarse grained, sub-angular to angular; rootlets; trace sand.				
		ML		<b>SILT with Gravel (Topsoil)</b> Dark brown, moist, firm. Gravel is comprised of fine to medium grained, subangular to angular quartz and phyllite; rootlets; decomposed wood fragments.		FSV (Su) 120/33.		
		CH		<b>Silty CLAY with Gravel (FILL)</b> Pale red brown to mottled orange and yellow brown, moist, firm to stiff. High plasticity.  Gravel fraction is fine to coarse grained, subangular to angular, comprising of chert and quartz; occasional cobble size mudstone up to 200mm dia; trace concrete fragments (upto 300mm dia).		FSV (Su) 83/37. LL = 51; PI = 30; LS = 14; MC = 23.2%; WPI = 2508 FSV (Su) 164/58.	A	D, Bulk
109.44		SC-SM		<b>Silty SAND (ALLUMIUM)</b> Dark grey to dark brown, moist, medium dense. Tracy Clay; trace gravel, fine to coarse grained, rounded to subrounded, comprising of quartz and chert.  From 3.2m: grading to clayey Sand, dark grey to dark brown, roots (upto 60mm dia).		LL = 22; PI = 7; LS = 3.8; MC = 15.8%; WPI = 455	B	D, Bulk
108.24		CI		<b>Silty CLAY (ALUMIUM)</b> Grey with occasional red brown mottling, firm to stiff. Intermediate plasticity; trace sand; trace roots; slight organic odour.		▶ Slight seepage at east end of pit. FSV (Su) 80/35. LL = 46; PI = 25; LS = 13.4; MC = 21.7%	C	U100
107.64		CI		<b>Silty CLAY (RESIDUAL SOIL)</b> Pale grey with red and orange brown mottling, stiff. Intermediate plasticity; trace sand,				
107.14								
106.94				Excavation terminated at 4.8m				

Testpit Profile



Excavated Material



REMARKS FSV= Field shear vane (Peak/residual); RL is taken from the heighest point of the steeply inclined testpit.

LOGGED BY  
BJD

OLD\_DMR\_LUB\_01.GLB Log A TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A TFS.GPJ DWG:13036.GDW D:\gint\Add-In\25062010\14:11