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TEST PIT LOG

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

FEATURE No TP095

SHEET 1 of 1

DATE EXCAVATED 05/02/10

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation
 LOCATION Embankment 5, CH 105,750, into the existing embankment toe COORDINATES 489039.8 E; 7078954.0 N
 PROJECT No FG5825 SURFACE R.L. 106.61 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 DESCRIPTION	(Blow Count / 100mm)			
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	0 4 8 12 16 >20			
0	106.61							
	106.46		OL	Silty CLAY (Fill) Dark brown to brown, moist, firm. Trace fine to medium gravel; rootlets.				
				CLAY (Fill) Pale grey to mottled red and orange, moist, stiff. High plasticity. Disturbed structure visible in west end of pit to 1.3m.				
			CH					
						Slight spalling of western pit face at 1.3m.		
						LL = 54; PI = 30; LS = 14.8; MC = 24.9%; WPI = 2649	A	D,Bulk
	103.11		CL	Silty CLAY with Sand (Alluvium) Grey and dark grey to mottled dark brown, moist, firm to stiff. Low plasticity; trace fine to medium quartz gravel; pockets of black organic material;				
	102.91		CL-CI	Sandy CLAY (Residual Soil) Grey to red and orange brown, moist, very stiff. Low to intermediate plasticity; trace fine to medium grained quartz gravel; roots up to 5mm dia.				
	102.21							
				Excavation terminated at 4.4m				
						Slight seepage at west end of pit at 3.5m.		
						LL = 49; PI = 30; LS = 14.8; MC = 17.5%; WPI = 2460	B	D,Bulk
5	101.61							

Testpit Profile



Excavated Material



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

LOGGED BY
BJD