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TEST PIT LOG

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

FEATURE No TP138

SHEET 1 of 1

DATE EXCAVATED 29/01/10

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 17 COORDINATES 482727.4 E; 7080834.3 N

PROJECT No FG5825 SURFACE R.L. 99.83 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	99.83			ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	(Blow Count / 100mm)			
					0 4 8 12 16 >20			
	99.68		OL	SILT with clay and gravel (Topsoil) Pale brown, dry, firm. Gravel is fine to medium grained, sub-angular to sub-rounded, phyllite and iron nodules; rootlets.		FSV (Su) Unable to push vane. LL = 52; PI = 23; LS = 10.8; MC = 20.4%; WPI=2118	A	D,Bulk
	99.23		ML	Gravelly SILT (Colluvium) Pale orange brown to yellow brown, dry, firm to stiff. Low plasticity; gravel fraction comprises fine to coarse grained, sub-rounded to sub-angular, phyllite; trace clay and fine to coarse sand.				
1				Clayey SILT (Residual Soil?) Orange brown to pale yellow brown, dry, stiff to very stiff. Intermediate to high plasticity; trace sand; trace gravel (<5%); gravel is fine to medium grained, sub-angular to angular, tabular of Phyllite. ... below 0.7m predominately pale yellow brown. Below 1.0m: Red brown mottling/streaks; fine to coarse sand; gravel content decreasing; becoming slightly moist. Below 1.5m: Becoming pale grey/pale yellow brown with red brown mottling.				
2			MH	Below 2.0m: Becoming Clayey SILT with gravel.				
				2.5 - 2.6m: Gravelly SILT with clay; dark brown to dark grey and red brown. From 2.6m: Occasional dark flecks; possible iron or manganese staining.		LL = 63; PI = 29; LS = 12.2; MC = 22.8%; WPI=2666	B	D,Bulk
				From 3.3m: Occasional moist pockets within clay.		LL = 45; PI = 18; LS = 9.8; MC = 21%; WPI=1510	C	D,Bulk
	96.33			Excavation terminated at 3.5m				
4	95.83							

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:13026.GDW D:\gdl\c\p\Tool\gl\N\Add-in_25/06/2010_14:11