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TEST PIT LOG

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

FEATURE No TP145
SHEET 1 of 1
DATE EXCAVATED 03/02/10

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation
LOCATION Embankment 21 COORDINATES 481397.3 E; 7080828.5 N
PROJECT No FG5825 SURFACE R.L. 95.61 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
				ROCK DESCRIPTION				
0	95.61			SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	Blow Count / 100mm 0 4 8 12 16 >20			
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
	95.26	ML		Gravelly SILT with clay (Topsoil) Brown to pale brown, moist, firm. Low plasticity; gravel fraction comprises fine to coarse grained, sub-rounded to sub-angular, quartz and phyllite; rootlets up to 25mm dia. From 0.2m: Becoming yellow brown to pale brown.		FSV (Su) 114/25 MC = 23.2%	A	D,Bulk
			Silty CLAY (Colluvium) Red brown to mottled pale brown and orange brown, moist, siff and becoming very stiff to hard with depth. Intermediate plasticity; trace gravel (<5%); gravel comprises fine to medium grained, sub-angular to angular, phyllite; trace black carbonaceous flecks; rootlets. From 0.9m: Becoming silty clay with gravel. Gravel comprises fine to coarse grained, sub-rounded to sub-angular, quartz and phyllite; phyllite is typically tabular; becoming very stiff.	FSV (Su) Unable to push vane DCP refusal				
			From 1.5m: Gravel becoming sub-angular to angular; predominately comprised of extremely low strength phyllite.	MC = 13.2%		B	D,Bulk	
		CI	1.9m - 2.1m: Becoming predominately pale grey to pale brown.	MC = 15.2%		C	D,Bulk	
	92.26			Excavation terminated at 3.35m				
4	91.61							

Testpit Profile



Excavated Material



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

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