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# TEST PIT LOG

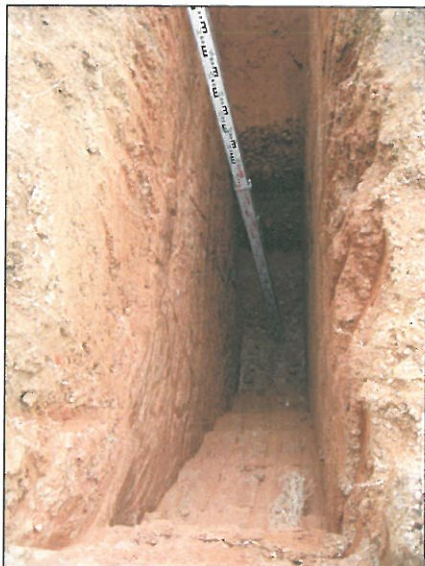
FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F:GEOT 017/5-2009

FEATURE No TP144  
SHEET 1 of 1  
DATE EXCAVATED 03/02/10

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation  
LOCATION Small embankment at CH 114,240 COORDINATES 481643.4 E; 7080740.9 N  
PROJECT No FG5825 SURFACE R.L. 101.64 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
0	101.64			ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	(Blow Count / 100mm) 0 4 8 12 16 >20				
101.49		OH		<b>Silty CLAY with Gravel (Topsoil)</b> Dark brown to grey, moist, soft to firm. Intermediate plasticity; gravel fraction is fine to medium grained, subrounded to angular comprising shale and phyllite; rootlets.		LL = 39; PI = 14; LS = 7.4; MC = 18.6%; WPI=696 DCP refusal  FSV (Su) Unable to push vane LL = 39; PI = 12; LS = 8; MC = 13.3%; WPI=619  MC = 14%			
101.29		CI							
		GM		<b>Silty CLAY (Colluvium)</b> Pale grey brown, moist, firm. Intermediate plasticity; trace gravel, fine to medium grained, sub-rounded to sub-angular, phyllite; occasional black carbonaceous flecks and pockets up to 5mm dia.				A	D,Bulk
				<b>Silty GRAVEL (Colluvium)</b> Pale red brown and mottled orange brown, dry, dense. Comprises fine to coarse grained, sub-rounded to angular, phyllite fragments.				B	D,Bulk
100.44				<b>Silty SAND with Gravel (Colluvium)</b> Dark brown, moist, very dense. Gravel comprises fine to coarse, sub-rounded to sub-angular, phyllite; occasional small cavities (~1mm). Below 1.5m: Fissures visible within matrix (<2mm); mottled and disturbed structure; occasional quartz gravel.				C	D,Bulk
		SM							
							D	D,Bulk	
							E	D,Bulk	
98.04									
				Excavation terminated at 3.6m					
4	97.64								

Testpit Profile



Excavated Material



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

LOGGED BY  
BJD