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# TEST PIT LOG

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

FEATURE No TP015  
SHEET 1 of 1  
DATE EXCAVATED 17/09/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation  
LOCATION Embankment 5 COORDINATES 488975.7 E; 7079008.9 N  
PROJECT No FG5825 SURFACE R.L. 107.57 DATUM AHD SYSTEM MGA94  
JOB No 128/10A/901 EQUIPMENT TYPE AND MODEL JCB BACKHOE BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	USC WEATHERING	SOIL DESCRIPTION	VDCP LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	(Cone Resistance)			
				ROCK DESCRIPTION	VDCP10			
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	(MPa)			
0	107.57	BUCKET			0 4 8 12 16 >20			
	107.52			<b>Topsoil</b>				
			CI	<b>Sandy CLAY</b> Yellowish brown with red Fe staining, medium plasticity. Sand - medium to fine grained. Moist, hard.		PP(UCS) 480kPa LL = 47; PI = 23; LS = 14; MC = 17.5%; WPI 1863	09G1486	22199
1						PP(UCS) 307kPa		
	105.87		(CH)	<b>Sandy CLAY</b> Pale grey with red Fe staining, high plasticity. Sand - coarse grained, quartz, increasing slightly with depth. Moist, very stiff. Fissuring evident.		PP(UCS) 440kPa	09G1487	
2						MC = 16.2%		
	104.67		(CH)	<b>Silty CLAY with some gravel (Residual soil)</b> Pale grey with red Fe staining, high plasticity. Gravel - angular, low strength, dark red, confined to Fe cemented bands. Moist, very stiff. Fissuring evident.		PP(UCS) 337kPa	09G1488	
3						PP(UCS) 390kPa MC = 20.9%		
	103.97			Excavation terminated at 3.6m				
4	103.57							

Q.L.D. DMR\_LIB\_01.GLB\_Log\_A\_TEST PIT LOG FG5825 BRUCE HWY COOROY-CURRA SECTION A TFS.GPJ DV\G92759.GDW Datigel CPT\_Tool.gln Add-In 24/06/2010 17:28

REMARKS Parentheses indicate visual classification only. PP = Pocket penetrometer

LOGGED BY  
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