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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)	BUCKET	METHOD	USC	WEATHERING	SOIL DESCRIPTION SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP LOG (Cone Resistance) VDCP10 (MPa) 0 4 8 12 16>20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	107.57										
0	107.52					Topsoil					
						Sandy CLAY 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					CI				PP(UCS) 307kPa		
	105.87					Sandy CLAY Pale grey with red Fe staining, high plasticity. Sand - coarse grained, quartz, increasing slightly with depth. Moist, very stiff. Fissuring evident.			PP(UCS) 440kPa MC = 16.2%	09G1487	
2					(CH)				PP(UCS) 337kPa		
	104.67					Silty CLAY with some gravel (Residual soil) 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) 390kPa MC = 20.9%	09G1488	
3					(CH)						
	103.97					Excavation terminated at 3.6m					
4	103.57										

REMARKS Parentheses indicate visual classification only. PP = Pocket penetrometer

LOGGED BY
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