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**Queensland
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Department of
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TEST PIT LOG

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

FEATURE No TP016

SHEET 1 of 1

DATE EXCAVATED 17/09/09

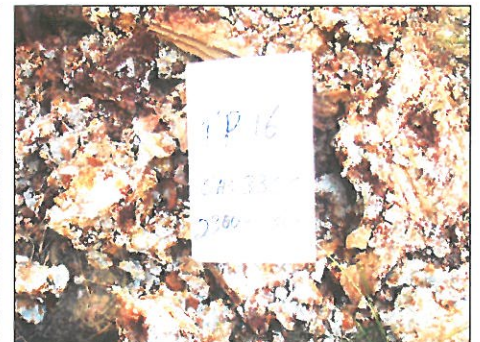
PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 5 COORDINATES 488965.4 E; 7079058.1 N

PROJECT No FG5825 SURFACE R.L. 109.66 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 SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	VDCP LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	109.66	BUCKET			ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP11 (MPa)			
						0 4 8 12 16 >20			
	109.16		CI		Silty CLAY with some sand and gravel Yellowish brown, medium plasticity. Sand - medium to fine grained. Gravel - fine grained, quartz. Dry to moist, hard.		LL = 38; PI = 16; LS = 10.8; MC = 14.3%; WPI 1064	09G1489	22187
1			CI		Silty Sandy CLAY Mottled grey/red, medium plasticity. Sand - fine grained. Moist, very stiff.		PP(UCS) 280kPa LL = 48; PI = 23; LS = 14.4; MC = 18.9%; WPI 2035	09G1490	22191
2	107.36		(CH)		Silty Clay with some gravel Pale grey with red and yellow Fe staining, high plasticity. Gravel - angular, low strength, dark red, FGe cemented particles. Moist, very stiff.		PP(UCS) 320kPa MC = 27.2% PP(UCS) 340kPa	09G1491	
3	106.36				Excavation terminated at 3.3m				
4	105.66								



REMARKS Parentheses indicate visual classification only. PP = Pocket penetrometer

LOGGED BY
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