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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 TP032

SHEET 1 of 1

DATE EXCAVATED 06/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 9 COORDINATES 486948.4 E; 7080824.4 N

PROJECT No FG5825 SURFACE R.L. 116.66 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	VDCP LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				ROCK DESCRIPTION	VDCP 24 (MPa)			
0	116.66	BUCKET		SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	0 4 8 12 16 >20			
	116.61			ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
				TOPSOIL Silty CLAY , brown with some fine, quartz sand.				
			MH	Gravelly SILT with some sand Mottled yellow/orange, high plasticity. Moist, hard. Sand - fine, quartz. Gravel - angular, red, low strength, Fe cemented lumps and angular, very high strength, white quartz, mainly below 0.6m.		LL = 57; PI = 23; LS = 10.8; MC = 23.4%; WPI 1258	09G1243	22039
1	115.66		MH	Gravelly SILT with some sand Mottled red/brown, high plasticity. Moist, hard. Sand - fine, quartz. Gravel - angular, red, low strength, Fe cemented lumps and angular, very high strength, white quartz.		PP(UCS) 227kPa		
2			MH	XW Phyllite; Sandy Silty CLAY Mottled dark brown/red/grey, medium plasticity. Moist, hard. Trace of gravel - medium grained, angular, low strength, dark red, Fe stained to max size 40mm. Sand - coarse, Fe cemented particles.		PP(UCS) 340kPa LL = 19; PI = 52; LS = 10.2; MC = 21.5%; WPI 1106	09G1244	22082
3	114.06		CI			PP(UCS) 217kPa		
	112.96					LL = 39; PI = 14; LS = 5.4; MC = 21.1%; WPI 1087	09G1245	22094
4	112.66			Excavation terminated at 3.7m		PP(UCS) 450kPa		



REMARKS PP = Pocket penetrometer

LOGGED BY
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