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**Queensland
Government**

Department of
Main Roads

TEST PIT LOG

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

FEATURE No TP034

SHEET 1 of 1

DATE EXCAVATED 06/08/09

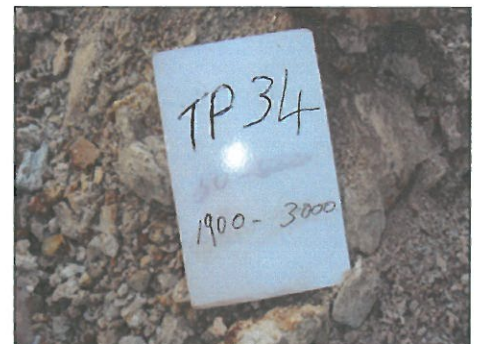
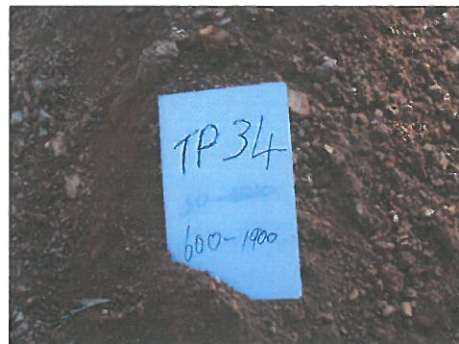
PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 10 COORDINATES 486500.9 E; 7080858.9 N

PROJECT No FG5825 SURFACE R.L. 121.80 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	VDCP 25				
				ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	(MPa)				
					0 4 8 12 16>20				
0	121.80	BUCKET		Topsoil		Organic material present to 0.2m			
	121.78					LL = 47; PI = 21; LS = 10.2; MC = 20.7%; WPI 1749 PP(UCS) 390kPa	09G1247	22041	
	121.20		CI	Silty CLAY with a trace of sand and gravel Yellow, medium plasticity. Moist, very stiff. Sand & gravel - angular, high strength, quartz.			PP(UCS) 350kPa LL = 23; PI = 51; LS = 10.8; MC = 19.5%; WPI 2019	09G1248	22098
1			CH	Silty CLAY with a trace of sand and gravel (Colluvium?) Mottled red/yellow, high plasticity. Moist, hard. Sand & gravel - subangular, high strength, quartz.			PP(UCS) 367kPa LL = 43; PI = 16; LS = 6.8; MC = 16.7%; WPI 1056	09G1249	22080
2	119.90			Gravelly SILT (Residual soil) White with red Fe staining in patches, medium plasticity. Moist, hard, highly friable structure. Gravel - angular, high strength, quartz.		PP(UCS) 343kPa			
			ML						
3	118.80			Small amount of XW appearing at base of pit.					
				Excavation terminated at 3m					
4	117.80								



REMARKS PP = Pocket penetrometer

LOGGED BY
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