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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 TP019

SHEET 1 of 1

DATE EXCAVATED 21/09/09

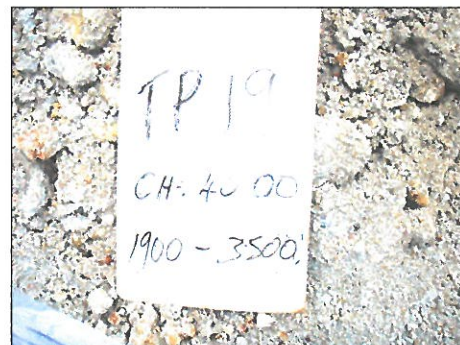
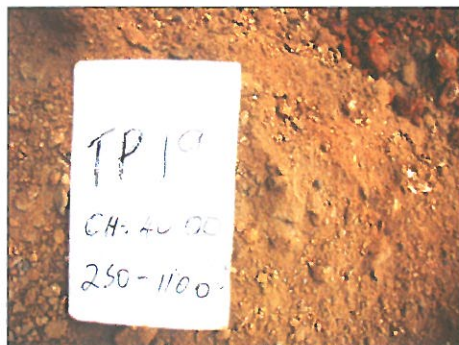
PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 6 COORDINATES 488712.3 E; 7079707.3 N

PROJECT No FG5825 SURFACE R.L. 114.82 DATUM AHD SYSTEM MGA94

JOB No 128/10A/901 EQUIPMENT TYPE AND MODEL JCB BACKHOE BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	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
		BUCKET	ROCK DESCRIPTION Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP14 (MPa)			
0	114.82			0 4 8 12 16 >20			
	114.57		Topsoil				
			Clayey SAND with some gravel Yellowish brown, medium plasticity. Sand - coarse grained, quartz. Gravel - subrounded, high strength, white, quartz. Very stiff to hard. Dry becoming moist at base.		LL = 23; PI = 8; LS = 5.6; MC = 6.4%; WPI 485 PP(UCS) 380kPa	09G1507	22247
1	113.72		Sandy CLAY with some gravel Yellowish brown with red Fe staining, medium plasticity. Sand - coarse grained, quartz. Gravel - subrounded, high strength, white, quartz. Moist, hard.		PP(UCS) 460kPa MC = 16.2%	09G1508	
2	112.92		Clayey SAND with some gravel Pale grey with red Fe staining, low plasticity. Sand - medium to coarse, quartz grains. Gravel - fine grained, subrounded, high strength, white, quartz. Moist becoming wetter with depth. Hard decreasing to very stiff with depth.		PP(UCS) 407kPa MC = 14.5% PP(UCS) 390kPa	09G1509	
3							
4	110.82		Excavation terminated at 3.5m				



REMARKS Parentheses indicate visual classification only. PP = Pocket penetrometer

LOGGED BY
RK/GB P.Simson