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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 TP063

SHEET 1 of 1

DATE EXCAVATED 05/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Embankment 19 COORDINATES 482126.4 E; 7080662.9 N

PROJECT No FG5825 SURFACE R.L. 102.23 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
					ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	VDCP 40 (MPa)			
0	102.23	BUCKET				0 4 8 12 16 >20			
	101.98				Topsoil; Silty Clay Brown.				
					Silty CLAY with sand and gravel, (Alluvium?) Mottled red/brown, medium plasticity. Sand - coarse grained, quartz. Gravel - fine grained, subangular, high strength, quartz. Moist, firm. Organics throughout.		LL = 43; PI = 17; LS = 10; MC = 20.6%; WPI 1299 PP(UCS) 213kPa PP(UCS) 130kPa	09G1275	22051
1	101.33				Clayey Sandy GRAVEL(Colluvial) Mottled red/brown, low plasticity. Gravel - medium to fine grained, angular, medium to high strength, quartz and red Fe cemented particles. Moist, hard.		PP(UCS) 487kPa LL = 31; PI = 10; LS = 6.4; MC = 15.7%; WPI 429	09G1276	22088
2							PP(UCS) 417kPa		
3	99.43				Excavation terminated at 2.8m				
4	98.23								



REMARKS PP = Pocket penetrometer

LOGGED BY
RK/GB P.Simson