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**Queensland  
Government**

**GEOTECHNICAL  
BOREHOLE LOG - SOIL**

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F.GEOT 017/8-2014

BOREHOLE No BH02

Sheet 1 of 1

REFERENCE No H12919

PROJECT Kennedy Highway Embankment Widening Project (Mareeba to Ravenshoe, CH 50.965 - 51.010 km)

LOCATION CH 50.973km, offset 1.9m right of centre line.

COORDINATES 342328.5 E; 8073627.7 N

PROJECT No FG6466

SURFACE RL 903.15m

PLUNGE 90°

DATE STARTED 29/05/2017

GRID DATUM MGA Z55 K

JOB No 281/32B/804

HEIGHT DATUM AHD

BEARING °

DATE COMPLETED 29/05/2017

DRILLER Saxon Drilling

DEPTH (m)	R.L. (m)	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
902.97		AAA	Sandy GRAVEL (Road Base)		GW		BULK	
902.75		AA	Pale grey, moist, dense to very dense. Fine to medium grained gravel, angular, well graded; sand is coarse grained.		SM		BULK	
		A	Silty Gravelly SAND (Sub Base) Pale brown, moist, medium dense to dense. Fine to medium grained gravel, angular; low plasticity silt.	(MH)		LL=30% PI= 0% MC=2.3% LS= 9% LL=27% PI= 5% MC=2.8% LS= 3% <75µm= 14%	SPT	
901.95		B	SILT (Fill) Dark brown to dark red-brown, moist, stiff. High plasticity.			4, 5, 5 N=10	SPT	
		C	SILT (Residual) Dark brown, moist, stiff. High plasticity. 1.75m: Becoming firm.			3, 3, 4 N=7	SPT	
		D	2.75m: Becoming stiff.			4, 5, 6 N=11	SPT	
		E		(MH)		5, 6, 6 N=12	SPT	
		F				4, 5, 5 N=10	SPT	
		G				4, 6, 8 N=14	SPT	
			Borehole completed at 6.45m					

REMARKS: Borehole location approximate.

LOGGED BY	REVIEWED BY
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