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**Queensland
Government**

**GEOTECHNICAL
BOREHOLE LOG - SOIL**

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

BOREHOLE No **BH03**

Sheet 1 of 2

REFERENCE No **H12920**

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

LOCATION **CH 50.973km, offset 7.7m left of centre line.**

COORDINATES **342336.8 E; 8073624.8 N**

PROJECT No **FG6466** SURFACE RL **899.44m** PLUNGE **90°** DATE STARTED **30/05/2017** GRID DATUM **MGA Z55 K**

JOB No **281/32B/804** HEIGHT DATUM **AHD** BEARING **°** DATE COMPLETED **30/05/2017** DRILLER **Saxon Drilling**

DEPTH (m)	R.L. (m)	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	898.94		SILT (Topsoil) Dark red-brown, moist, soft. High plasticity.		(MH)		
1			SILT (Residual) Dark red-brown, to dark brown, moist, soft. High plasticity. Trace fine to medium sand.				
2		A					1, 2, 2 N=4 SPT
2		B	2.0m: Becoming firm.				2, 3, 4 N=7 LL=57% PI= 14% MC=43% <75µm= 88% SPT
3		C					3, 3, 4 N=7 SPT
4		D	3.75m: Becoming stiff.				4, 5, 7 N=12 LL=67% PI= 24% MC=38.9% LS= 14% <75µm= 95% SPT
5		E			MH		4, 5, 6 N=11 SPT
6		F	5.75m: Becoming very stiff.				5, 7, 9 N=16 LL=54% PI= 9% MC=43.5% LS= 6% <75µm= 82% SPT
7		G					10, 13, 14 N=27 SPT
8		H	8.0m: Becoming stiff.				4, 5, 6 N=11 SPT
9			9.0m: Becoming very stiff.				
9	889.44						

Continued on next sheet

REMARKS: Adjacent to DCP1. Borehole location approximate.

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REVIEWED BY

V. Pereira

S. Foley



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Sheet 2 of 2

REFERENCE No H12920

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

LOCATION CH 50.973km, offset 7.7m left of centre line.

COORDINATES 342336.8 E; 8073624.8 N

PROJECT No FG6466

SURFACE RL 899.44m

PLUNGE 90°

DATE STARTED 30/05/2017

GRID DATUM MGA Z55 K

JOB No 281/32B/804

HEIGHT DATUM AHD

BEARING °

DATE COMPLETED 30/05/2017

DRILLER Saxon Drilling

DEPTH (m)	R.L. (m)	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
888.99		J	SILT (Residual) Cont'd.		MH	3, 7, 14 N=21	SPT
			Borehole completed at 10.45m				
11							
12							
13							
14							
15							
16							
17							
18							
19							

REMARKS: Adjacent to DCP1. Borehole location approximate.

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