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QLD_DMR_LIB_01A.GLB Log_A_ENGINEERING BOREHOLE LOG W LITHOLOGY FG5934 - EIGHT MILE CREEK BH1 TO BH6.GPJ <<DrawngFile>> Datgel CPT Tool gilkt Add-in 11/10/2011 11:30

ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No _______ BH06 ___ SHEET ___1__ of __2_ __ REFERENCE No _______

PROJECT		EIGHT MILE CREEK BRIDGE FOUNDATION INVESTIGATION											
		Pier 2 - RHS (Ch.									DRDINATES 260925.2 E; 7380666.0 N		
					SURFACE R.L. <u>6.12m</u> PLUNGE								
JOB No		200/ 1	<u>UE/1</u> _		HEIGHT DATUM <u>AHD</u> BEARING			DATE COMPLETED _	10/8/	<u> </u>	DRILLER <u>Saxon Drilling</u>	Pty Lta_	
DEPTH (m)	SER SNG	ASH BORING ORE DRILLING	RQD ()%	SAMPLE	MATERIAL DESCRIPTION	ПТНОГОСУ	USC WEATHERING	INTACT DEFECT STRENGTH SPACING (mm) UNITED STRENGTH SPACING (mm) 000000000000000000000000000000000	GRAPHIC LOG		DDITIONAL DATA AND FEST RESULTS	SAMPLES TESTS	
0 6	.12 < 0	5≤0 	REC %	Ŝ	Silty SAND (FILL) Pale brown, moist, loose.	=	⊃ ≤ (SM)		O	Upper are	a based on Driller's log only	S F	
- - - - - - - -	.62			A	Fine to medium grained; some gravel. Sitty CLAY (ALLUVIAL) Dark brown to grey, moist to wet, soft. High plasticity; some tree roots.		(CH)			10/08/1	1,2,2		
-2 -2 -3 -3	.32				Silty SAND (ALLUVIAL) Grey to brown, wet, loose. Fine to medium grained.		(SM)					SPI	
- 4 2	.12			В	SILTSTONE						3,2,3 N=5	SPT -	
- - - - - - - - - - - - - - - - - - -				С	Fine grained, thinly laminated sedimentary rock XW: Generally exhibits the engineering properties of dark brown to grey, moist, hard clayey silt. Low plasticity.		xw				30/120mm N>50	SPT	
	.32			D							24,30/90mm N>50	SPT _	
			100 (63)		SANDSTONE Fine grained, mainly massive, poorly cemented sedimentary rock MW: Dark grey to pale brown, fine grained, massive, mainly low to medium with occasional high strength. Defects: - Lamination partings @ 10-20° (5-7/m) - Joints @ 40-50° (2/m) - Joints @ 50-60° (4/m) - Joint @ 80-85° (1/m) Defect surfaces are generally planar, rough, open and iron stained.		MW			MC = 2	seam, Is(50) = 0.32MPa Is(50) = 0.24MPa Is(50) = 0.11MPa = 2.62t/m³; WD = 2.68t/m³; 2.4%; Soil UCS=17235kPa with HW rock kernels Is(50) = 0.17MPa Is(50) = 0.30MPa	x	
9											Is(50) = 0.53MPa Is(50) = 0.21MPa Is(50) = 1.41MPa Is(50) = 0.50MPa Is(50) = 0.78MPa	x _ 0	
T 10 REMA	RKS E	Boreho	ole locate	ed_1.4	4m away from the originally pegged location. Failure	es m	a <u>y</u> hav	v <u>e been taken</u> place alor	ng pre	existing	Is(50) = 0.49MPa LOGGED BY	0 -	
defect plains MS / AD								MS / AD					



ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No	<u>BH06</u>
SHEET	_2_ of _2_
REFERENCE No	

PROJEC	CT	EIGHT MILE CREEK BRIDGE FOUNDATION INVESTIGATION												
LOCATION	ON	Pier_	<u> 2 - RHS</u>	<u>(Ch</u>	.83910.000)					CO	ORDINATES	S 260925.2 E; 7380666.0 N		
PROJECT No		FG5934			SURFACE R.L. <u>6.12m</u> PLUNGE _	DATE STARTED			TARTED _	10/8/1	3/ <u>11</u> GRID DATUM <u>MGA94 Zor</u>			56
JOB No		258/	10E/1		HEIGHT DATUM <u>AHD</u> BEARING _			DATE COM	IPLETED _	10/8/1	/8/11 DRILLER Saxon			Pty Ltd
DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD ()%	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH ボデェミュラゴ	DEFECT SPACING (mm)	GRAPHIC LOG		DITIONAL I AND EST RESU		SAMPLES
-	-3.00		(13)		SANDSTONE MW: (Cont'd)								50) = 0.66MPa 50) = 0.51MPa	x 0
11 			100 (0)				MW							-
<u>8</u>	-6.08		100	-	Borehole terminated at 12.2m									
OLD DMR_LIB 01AGLB Log A_ENGINEERING BOREHOLE LOG W LITHOLOGY FG85834 - EIGHT MILE OREEK BHT TO BHG GPJ < cDrawingFile>> Datgei CPT Tool givit Add-in 1/170/2011 11:30 C														
17 L L L L L L L L L L L L L L L L L L L														-
1. Log A, ENGINEERING BOXENO														-
	IARKS			ted 1.	4m away from the originally pegged location. Failu	res m	ay ha	ve been taker	n place alor	ng pre-	-existing	l	OGGED BY	_
		defec	t plains										IVIO / AD	

Project: EIGHT MILE CREEK BRIDGE (Pier 2)

Borehole No: **BH6**Start Depth: 5.80m
Finish Depth: 12.20m
Project No: FG5934

H No:



