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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/5-2009

	PRELIMINARY 21/10/	11-	1
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PRO	DJECT <u>EIGHT MILE CREEK BRIDGE APPROACH CUT (CH83540 - CH83800) GEOTECHNICAL INVESTIGATION</u>													
LOC	ATION	TION Centre Line (Ch.83600) COORDINATES 261174.7 E; 7380486.2 N										2 N		
PROJECT No_FG5934 SURFACE R.L15.09m PLUNGE				SURFACE R.L. 15.09m PLUNGE90 °			DATE STARTED		16/8/	11 GRID			ne 56	
			<u>/10E/1</u>		HEIGHT DATUM <u>AHD</u> BEARING									
DEPTH (m)	R.L. (m)	JGER SING ASH BORING	RQD ()%	SAMPLE	MATERIAL DESCRIPTION	O	ATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG		ITIONAL D		SAMPLES TESTS
.0	15.09	CASIN	REC %	ŝ		nsc	3	M>HZIN	78888 N	R		SA ∰		
	14.59				Clayey Sandy SILT (FILL) Yellow to brown, moist to dry, soft. Low plasticity; some gravel.		ΛL)	1111111			— Based on D	riller's logs	sonly	
-1 -1 				Α	SILTSTONE Fine grained, thinly laminated sedimentary roc XW: Generally exhibits the engineering properties of yellow to brown, hard, clayey sandy silt. Low plasticity.								8,20,25 N=45	SPT
-2				В		^	:w						25,30/60mm N>50	SPT -
-3	11.89			С									30/110mm N>50	SPT
	8.09		(0) 100 (20) 100 (27)		SANDSTONE Fine grained, mainly massive, poorly cemented sedimentary rock. HW: Brown yellow to pale grey, fine grained, massive, low to medium strength. Defects: - Lamination partings @ 15-25° (3/m) - Joints @ 45-50° (2/m) - Joints @ 65-85° (2/m) Defect surfaces are generally planar, rough, open, iron stained and weathered. Interbedded siltstone layers; convolute bedding.		w					ls(5	0)=0.32 MPa 0)=0.23 MPa 0)=0.20 MPa 0)=0.14 MPa	x
- -9 -10					Doronois terminated at /III									
RE	MARKS	S										LC	GGED BY	
									N	MS / AD				

Project: EIGHT MILE CREEK BRIDGE

Borehole No: BH11 Start Depth: 3.20m Finish Depth: Project No: H No: 7.00m FG5934



