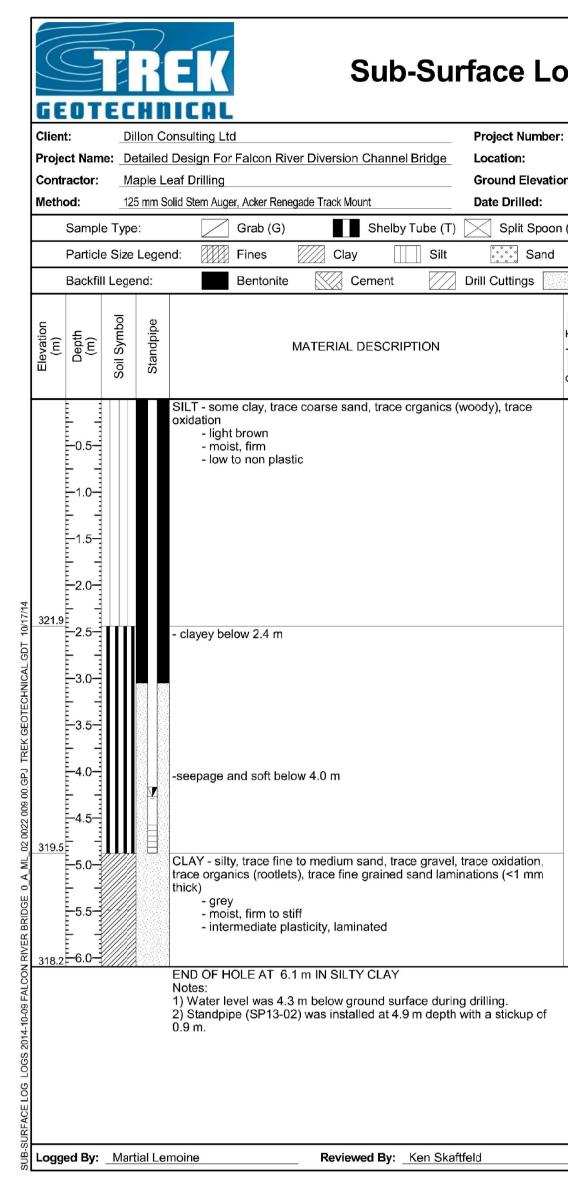
Contractor: TR	tailed EK G	Design For Falcon River Diversion Channel Bridge Location:   eotechnical Inc. Ground Elevati   nd Auger Date Drilled:	on:	5497 325.0	: 009 00 (101.25 05 m ember 4	m١		207.5
Sample Type:		Grab (G) Shelby Tube (T) Split Spool		5	~		arrel (	SB)
Particle Size I	_eger	nd: Fines Clay Silt Sand			Grav	el	57	∃ c
Backfill Leger	nd:	Bentonite Cement Drill Cuttings	3.3.4	Filter P Sand	ack		້ ເ	Grout
Elevation (m) Depth (m) Soil Symbol	Standpipe	MATERIAL DESCRIPTION	Sample Type	Sample Number	RQD (%)		7 18	MC
		SILT (FILL) - trace to some clay, trace fine sand, trace organics (roots), trace oxidation						
-0.5-		- light brown to brown - moist to wet - soft		G01	-		ə	
		- trace to some fine sand below 0.8 m					Ĭ	
		- compact to dense below 1.2 m						
-1.5-				G02		(	•	
323.2		SILT - trace to some clay, trace fine sand, trace organics (rootlets),						
-2.0-		trace oxidation - light brown to brown		G03			ə	
		- moist to wet, firm to soft						
-2.5		- soft with increasing moisture below 2.5 m		G04				
322.0 3.0		- firm and free water (pat test) below 2.9 m						
		SILT - clayey, trace fine sand, trace organics (rootlets), trace oxidation - brown		G05			⊖	
-3.5-		- moist to wet - stiff			_			
		- trace seepage		G06		H	$\ominus$	
-4.0-								
4.5		- increasing stiffness with depth below 4.5 m		G07				
5.0								
-5.5-				G08			$\ominus$	
319.3		CLAY - silty, trace fine sand, trace oxidation	- /	G09			⊖	
6.0-		- grey - moist to wet						
318.5		- firm to stiff, intermediate plasticity		G10		H	0	-
6.5		END OF HOLE AT 6.5 m IN CLAY Notes: 1) Seepage observed below 2.9 m. 2) No sloughing observed. 3) Water level at 2.6 m below ground surface 1/2 hr after drilling. 4) Standpipe piezometer SP13-01 installed upon completion. 5) Water level in standpipe piezometer at 2.56 m below ground surface 1-2 weeks after installation.			<u> </u>			

## BORE HOLE NO. 3 (1 OF 1) TREK TEST HOLE TH13-01







BORE HOLE NO. 5 (1 OF 1) TREK TEST HOLE TH13-03

## NOTES:

- ADDITIONAL INFORMATION.
- THE REPORT AND IN CASE OF DISCREPANCY, THE GEOTECHNICAL REPORT GOVERNS.
- 3. FOR THE LOCATION OF BORE HOLES IN PLAN SEE SHEET 01.

	B.M ELE				DESIGNED BY	GCL	<b>'</b> I,	ENGINEER'S SEAL	ENGINEER'S SEAL
					DRAWN BY	JLD		ROUNCE OF MANNER	OPUNCE OF A OPUNCE OF A STAMPED BY K.G.
					CHECKED BY	MBL	DILLON		4    \
					APPROVED BY	MBL	CONSULTING	24656 E	RECEMBER 17 DECEMBER 17 Membe 33036
<b>MB)</b> 7/14					HOR. SCALE		RELEASED FOR CONSTRUCTION	CONSULTANT PR	
<u>,</u>	0	ISSUED FOR TENDER	14/12/17	GCL	VERTICAL				
	NO.	REVISIONS	DATE	BY	DATE	2014/12/17	DATE	13-8	3363

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	324.3			0041	200 11	· ∟, ∠						
	Nove	mber	2, 2	2013								_
5	S) 📐	Sr	olit E	Barre	el (SB)		Co	ore (	C)			
		Gra		[	12	Cobb	les		Bo	oulde	ers	
	Filter Pa Sand	ack			Grou Bulk U				Slot		Shear	
odi ndi no	Sample Number	RQD (%)	16 0 0	17	(kN/m 18 rticle Si 40 MC	19 2 2e (%) 60 8 LL	0 21 0 100		Stre	ngth est Ty orvar cket F Q Qu eld Va	(kPa) pe ne ∆ Pen. <b>●</b> ⊠ ane ○	
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1. THE TEST HOLE LOGS PROVIDED FOR THIS PROJECT HAVE BEEN COMPILED FOR DESIGN PURPOSES ONLY. WHILE THEY ARE BELIEVED TO CORRECTLY REPRODUCE OR SUMMARIZE OBSERVATIONS DURING TESTING, THE INFORMATION IS VALID ONLY FOR THE PRECISE LOCATIONS SHOWN AND IS NOT TO BE CONSTRUED AS GUARANTEEING THE ACTUAL MATERIALS AND CONDITIONS EXISTING THROUGHOUT THE SITE, THE TESTING METHODS USED MAY NOT HAVE DETERMINED THE PRESENCE, ABSENCE OR EXTENT OF BOULDERS, HARD OR SOFT FORMATIONS, WATER TABLES, ARTESIAN CONDITIONS AND OTHER VARIABLES. IT IS THE RESPONSIBILITY OF OTHERS USING THIS INFORMATION TO ENSURE THAT IT IS ADEQUATE FOR THEIR PURPOSES OR TO SUPPLEMENT IT WITH

2. THIS INFORMATION IS COMPILED FOR CONVENIENCE FROM THE "GEOTECHNICAL REPORT FALCON RIVER DIVERSION BRIDGE", PROVIDED BY TREK GEOTECHNICAL. ALL DISCLAIMERS IN THIS REPORT ARE APPLICABLE. ADDITIONAL INFORMATION IS AVAILABLE IN



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IS 17, 2014 er 6 6 10 10 10	BRIDGE OVER THE FALCON RIVER DIVERSION & ASSOCIATED ROADWORKS	CITY DRAWING NUMBER								
	BORE HOLE DETAILS 2 OF 3	CONSULTANT DRAWING NUMBER								