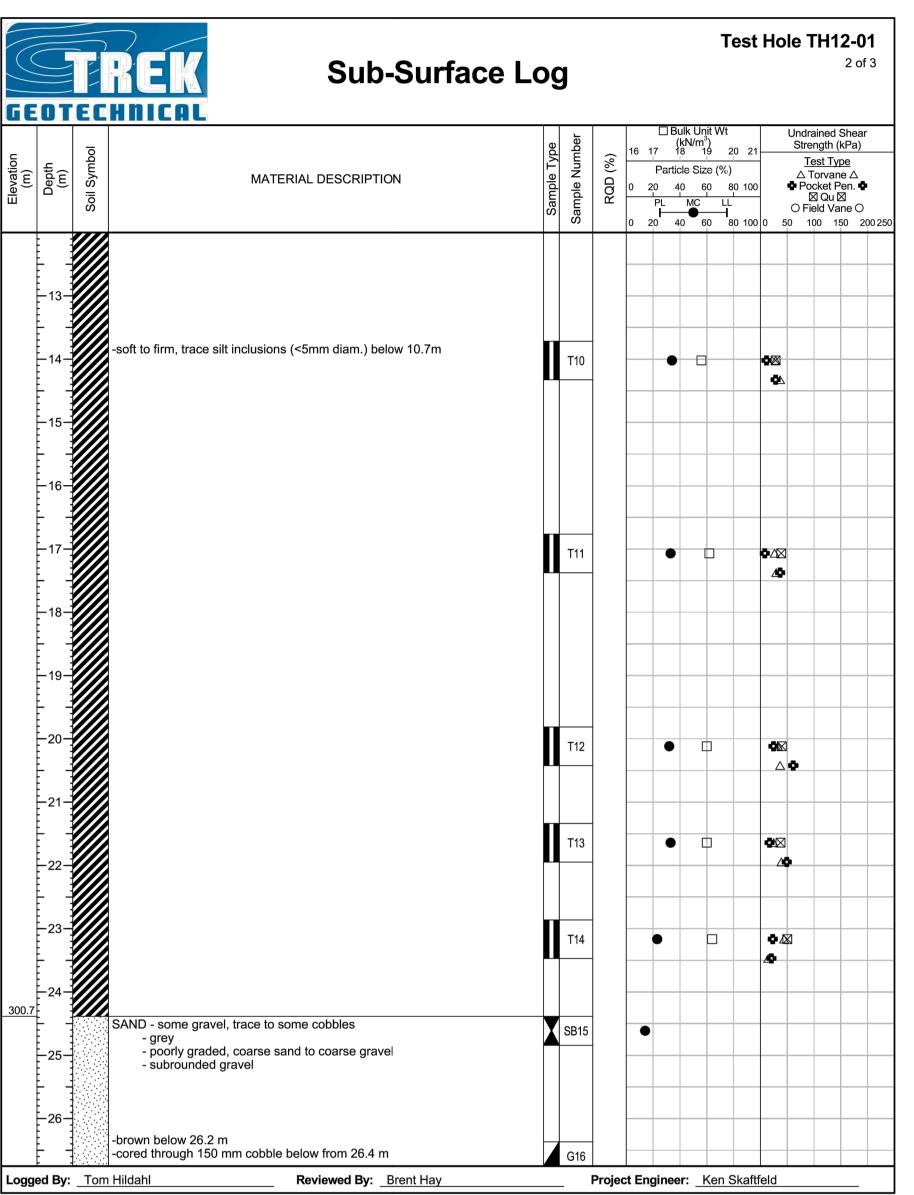
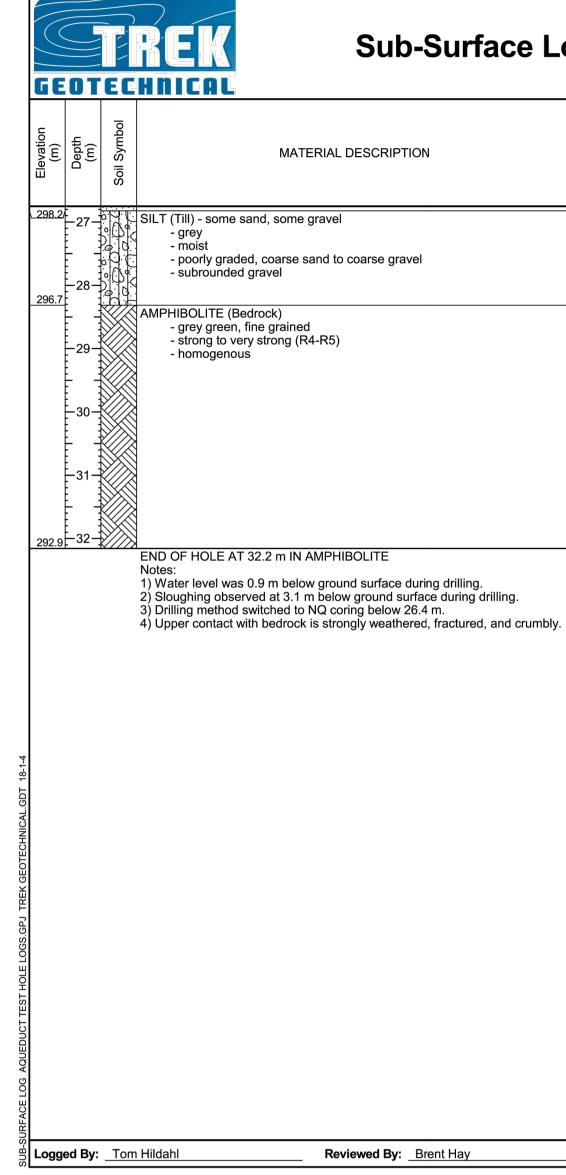


BORE HOLE NO. 1 (1 OF 3) TREK TEST HOLE TH12-01





BORE HOLE NO. 1 (2 OF 3) TREK TEST HOLE TH12-01

NOTES:

- ADDITIONAL INFORMATION.
- APPLICABLE. ADDITIONAL INFORMATION IS AVAILABLE IN THE REPORT AND IN CASE OF DISCREPANCY, THE GEOTECHNICAL REPORT GOVERNS.
- 3. FOR THE LOCATION OF BORE HOLES IN PLAN SEE SHEET 2.

					''''''''''''''''''''''''''''''''''''''				ENGINEER'S SEAL
					DILLON CONSULTING				REALINCE OF MA
					DESIGNED BY	KGW	CHECKED BY	NR/MBL	WILLIS
					DRAWN BY	RCB	APPROVED BY	GCL	PROFESS IC
					HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION		
	0	ISSUED FOR TENDER	18/01/10	RCB	VERTICAL	AS SHOWN			CONSULTANT PROJEC
	NO.	REVISIONS	DATE	BY	DATE	2017.12.01	DATE		16-448

COR	Winnipeg WATER AND WASTE DEPARTMENT							
COMERCIAL COMERCIAL	SHOAL LAKE AQUEDUCT CROSSING	CITY DRAWING NUMBER 1-0701A-S0001-001						
MIL CITY	AND ASSOCIATED ROADWORKS	SHEET OF 3 14						
T NUMBER		CONSULTANT DRAWING NUMBER						
1	BORE HOLE DETAILS 1 OF 3	CS - 02						

THE CITY OF WINNIPEG

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 "MILE 93 AQUEDUCT BRIDGE - DETAILED DESIGN GEOTECHNICAL INVESTIGATION REPORT" DATED JANUARY 9, 2018, PROVIDED BY TREK GEOTECHNICAL. ALL DISCLAIMERS IN THIS REPORT ARE

BORE HOLE NO. 1 (3 OF 3) TREK TEST HOLE TH12-01

Reviewed By: Brent Hay

Q

Project Engineer: Ken Skaftfeld

1) Water level was 0.9 m below ground surface during drilling.

END OF HOLE AT 32.2 m IN AMPHIBOLITE

MATERIAL DESCRIPTION

Test Hole TH12-01 3 of 3

Bulk Unit W Undrained Shear (kN/m³) 18 19 20 Strength (kPa) <u>Test Type</u> Particle Size (%) \triangle Torvane \triangle 🗣 Pocket Pen. 🗣 20 40 60 80 100 🛛 Qu 🖾 ○ Field Vane ○ 50 100 150 20025 20 40 60 80 100 0 G17 • C18 55 C19 97 C20

Sub-Surface Log