

# **APPENDIX A**

**BH 15-9**

PROJECT: 15-149

# RECORD OF BOREHOLE 15-9

SHEET 1 OF 1

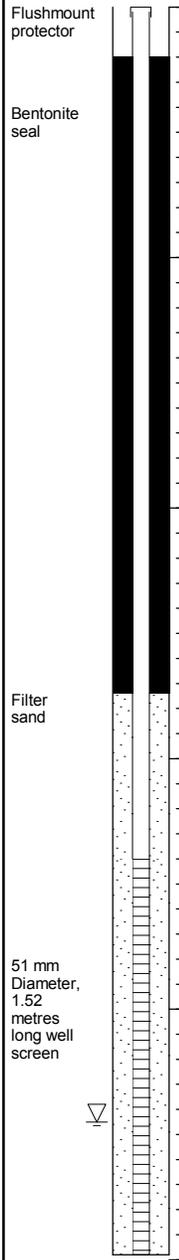
LOCATION: See Borehole Location Plan, Figure 2

DATUM: Geodetic

BORING DATE: June 11, 2015

SPT HAMMER: 63.5 kg; drop 0.76 metres

DEPTH SCALE METRES	BORING METHOD	SOIL PROFILE		SAMPLES			DYNAMIC PENETRATION RESISTANCE, BLOWS/0.3m		HYDRAULIC CONDUCTIVITY, k, cm/s				ADDITIONAL LAB. TESTING	PIEZOMETER OR STANDPIPE INSTALLATION	
		DESCRIPTION	STRATA PLOT	ELEV. DEPTH (m)	NUMBER	TYPE	BLOWS/0.3m	SHEAR STRENGTH Cu, kPa	nat. V - + Q - ● rem. V - ⊕ U - ○	WATER CONTENT, PERCENT					
							20 40 60 80		10 <sup>-5</sup> 10 <sup>-4</sup> 10 <sup>-3</sup> 10 <sup>-2</sup>	Wp	W	WI			
							20 40 60 80			20	40	60	80		
0	Power Auger 200 mm Diameter Hollow Stem	Ground Surface		97.37											
		Asphaltic concrete		97.29											
		Grey crushed sand and gravel, trace silt (ROADWAY BASE MATERIAL)		0.08	1	C.S.									Flushmount protector
		Brown sand, some gravel and silt (FILL MATERIAL)		97.12	2	C.S.									Bentonite seal
				0.25											
1					3	50 D.O.	16								
2					4	50 D.O.	48								
3					5	50 D.O.	37								
		Grey SILTY CLAY, trace sand		94.32											
				3.05											
		Dense to very dense, grey silty sand, some gravel (GLACIAL TILL)		94.02	6	50 D.O.	17								
				3.35											
4				7	50 D.O.	42									
5				8	50 D.O.	>50 for 100 mm									
		Practical auger refusal on possible boulders or bedrock		92.39											
				4.98											



GROUNDWATER OBSERVATIONS		
DATE	DEPTH (m)	ELEV. (m)
15-06-29	4.45	▽ 92.92

DEPTH SCALE

1 to 30

Houle Chevrier Engineering

LOGGED: M.L.

CHECKED:

BOREHOLE LOG, BOREHOLE LOGS, JUNE 11-12 2015, GPJ, HOULE CHEVRIER 2015, GDT, 6-29-15