STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH SECTION
SUBSURFACE INFORMATION

BORING LOG

MORRISTOWN
STP F029-1(2)
VT-100 BYPASS

Boring No.: **B-301**
Page No.: 1 of 1
Pin No.: 78D082
Checked By: CCB

Boring Crew: DAIGNEAULT, JUDKINS, HALL
Date Started: 7/01/13 Date Finished: 7/03/13
VTSPG NAD83: N 230021.50 m E 491956.48 m
Station: 9+138.167 Offset: -2.56
Ground Elevation: 193.42 m

	Casing	Sampler
Type:	WB	SS
I.D.:	3.00 cm	1.50 cm
Hammer Wt:	N.A.	140 lb.
Hammer Fall:	N.A.	30 in.
Hammer/Rod Type:	Auto/AWJ	
Rig:	CME 55 TRACK	C_E = 1.46

Groundwater Observations

Date	Depth (m)	Notes
07/03/13	3.40	While drilling.
07/03/13	3.30	While drilling.

Depth (m)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/0.3m	Blows/15cm (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-1-b, SaGr, brn, Moist, Rec. = 0.30 m, Very little Broken Rock.				1-2-11-9 (13)	9.7	42.8	38.8	18.4
		Field Note:, No Recovery				4-4-3-3 (7)				
2		A-4, Si, brn, Moist, Rec. = 0.15 m				5-4-5-3 (9)	37.3	2.3	2.7	95.0
4		Field Note:, No Recovery				9-11-11-10 (22)				
6		A-4, SaSi, brn, Moist, Rec. = 0.27 m				2-4-8-9 (12)	23.2	0.9	47.1	52.0
8		A-4, SaSi, gry, Moist, Rec. = 0.34 m				4-3-5-6 (8)	27.7	0.9	26.4	72.7
		A-2-4, SiSaGr, gry, Moist, Rec. = 0.26 m				4-9-14-11 (23)	10.7	38.5	33.6	27.9
10		A-2-4, GrSiSa, gry, MTW, Rec. = 0.15 m				8-6-6-7 (12)	13.0	23.2	41.4	35.4
12		A-4, SaSi, gry, MTW, Rec. = 0.24 m				4-2-6-7 (8)	15.5	12.3	41.4	46.3
		12.80 m - 14.30 m, Gray, Phyllitic Metawacke, Moderately hard, Unweathered, Fair rock, BXGDC, RMR = 57	1 (85)	97 (55)	3 6 5 5 4	Top of Bedrock @ 12.80 m				
14		Hole stopped @ 14.30 m								
16		Remarks: Hole collapsed near top of hole.								

Notes:
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. C is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 MORRISTOWN STP F029-1(2).GPJ VERMONT AOT.GDT 7/16/13