



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

BORING LOG

WARDSBORO
BF 013-1(21)
VT-100 BR-70

Boring No.: B-101

Page No.: 1 of 1

Pin No.: 13B072

Checked By: TDE

Boring Crew: DAIGNEAULT, JUDKINS, HOOK
Date Started: 12/06/13 Date Finished: 12/06/13
VTSPG NAD83: N 193304.08 ft E 1550611.56 ft
Station: 175+24.2 Offset: -16.60
Ground Elevation: 1291.0 ft

Casing Type: WB Sampler: SS
I.D.: 4 in 1.5 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 55 TRACK C = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
12/06/13	5.9	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-a, SaGr, Dk/brn, Moist, Rec. = 1.0 ft, Lab Note: Lots of Broken Rock was within sample	7-8-5-16 (13)	9.3	58.4	31.5	10.1
		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Lots of Broken Rock was within sample. Cleaned out casing with roller cone.	8-7-9-10 (16)	4.4	55.9	34.4	9.7
		A-1-b, GrSa, brn, MTW, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	4-3-12-14 (15)	11.6	38.9	51.8	9.3
		No Recovery, 6.0 ft - 6.2 ft Field Note: NXDC, Cleaned out casing	R@2.5"				
10		A-1-b, SaGr, brn-gry, MTW, Rec. = 0.6 ft, Lab Note: Lots of Broken Rock was within sample. NXDC, Cleaned out casing.	11-12-11-16 (23)	12.5	55.3	32.7	12.0
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	27-48-R@6.0" (R)	10.6	38.1	37.3	24.6
15		A-4, SaSi, Lt/brn, MTW, Rec. = 1.1 ft	17-17-21-23 (38)	19.4	6.1	39.3	54.6
		A-2-4, SiSa, brn, MTW, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample. Cleaned out casing with roller cone.	17-17-16-18 (33)	16.6	16.5	56.3	27.2
		A-2-4, GrSiSa, Lt/brn, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.	9-33-45-R@2.5" (78)	12.2	24.0	42.0	34.0
		A-2-4, SiGrSa, Lt/brn, MTW, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	C34-41-R@5.0" (R)	10.5	31.2	45.5	23.3
20		A-4, SaSi, Lt/brn, MTW, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample. Cleaned out casing with roller cone.	25-19-25-25 (44)	17.4	12.8	39.1	48.1
		A-4, SiSa, Lt/brn, MTW, Rec. = 1.1 ft	21-24-22-25 (46)	17.8	6.1	53.1	40.8
		A-2-4, Sa, Lt/brn, MTW, Rec. = 0.7 ft	6-18-23-22 (41)	16.8	12.7	70.3	17.0
		Hole stopped @ 26.0 ft					
		Remarks: 1. Hole collapsed at 4.6 ft.					

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.