



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-102**

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Pin No.: 13B072

Checked By: TDE

Boring Crew: GARROW, JUDKINS
 Date Started: 12/10/13 Date Finished: 12/10/13
 VTSPG NAD83: N 193261.92 ft E 1550623.19 ft
 Station: 175+57.5 Offset: 11.50
 Ground Elevation: 1296.0 ft

Casing: 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_r = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
12/10/13	8.9	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, GrSa, DK/brn, Moist, Rec. = 0.7 ft	11-10-39-18 (49)	13.1	27.9	56.5	15.6
		A-1-b, SaGr, white-brn, Moist, Rec. = 0.7 ft, Lab Note: Lots of Broken & Pulverized Rock (Granite) were within sample. Cleaned out casing with roller cone.		1.0	54.3	29.6	16.1
		A-1-b, SaGr, brn, Moist, Rec. = 0.6 ft, Lab Note: Lots of Broken Rock was within sample.	4-7-8-10 (15)	11.8	44.3	44.0	11.7
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft, Lost water return at 4.0 feet. Lab Note: Lots of Broken & Pulverized Rock (Granite) w	6-3-2-3 (5)	12.2	41.4	48.0	10.6
10		Field Note: No Recovery, Cleaned out casing with roller cone.	7-4-4-2 (8)				
		Field Note: No Recovery	1-WH-1-1 (1)				
		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Lots of Broken Rock was within sample.	30-11-11-19 (22)	10.7	49.8	34.9	15.3
15		A-1-b, SiSaGr, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	35-R@5.0" (R)	9.2	41.2	34.5	24.3
		A-4, SiSa, brn, MTW, Rec. = 1.2 ft	17-23-21-22 (44)	18.1	9.3	52.2	38.5
		A-2-4, SiSa, brn, MTW, Rec. = 1.5 ft	13-30-30-R@5.0" (60)	14.3	12.0	52.9	35.1
		A-2-4, SiGrSa, brn, MTW, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample.	25-24-22-23 (46)	11.9	27.9	46.2	25.9
20		A-2-4, GrSiSa, brn, MTW, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.	17-31-36-R@2.5" (67)	13.0	24.2	42.8	33.0
25		A-2-4, SiGrSa, brn, MTW, Rec. = 1.3 ft	17-23-30-R@2.5" (53)	16.1	25.0	54.3	20.7
		Hole stopped @ 26.7 ft					

Remarks:
 1. Hole collapsed at 10.5 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.

BORING LOG 2 WARDSBORO BF 013-1(21).GPJ VERMONT AOT.GDT 12/16/13