



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

BORING LOG

KILLINGTON-WOODSTOCK
ER NH 020-2(38)
US-4

Boring No.: B-301
Page No.: 1 of 1
Pin No.: 13B192
Checked By: MLM

Boring Crew: DAIGNEAULT, HOOK, NIETO
Date Started: 12/01/14 Date Finished: 12/01/14
VTSPG NAD83: N 398880.88 ft E 1588356.83 ft
Station: 169+49 Offset: 17.20
Ground Elevation: 923.3 ft

Type: WB 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 45C SKID C = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
12/01/14	11.9	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.63 ft					
		A-1-a, SaGr, gry-brn, Moist, Rec. = 0.9 ft	10-9-9-5 (18)	10.0	57.1	29.4	13.5
5		Field Note:, NXDC, Cleaned out casing					
		A-1-b, SiSaGr, gry-Lt/brn, Moist, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample.	23-12-35-12 (47)	9.0	59.2	20.7	20.1
		Field Note:, NXDC, Cleaned out casing					
10		A-2-4, SiSa, blk, Moist, Rec. = 1.2 ft, Lab Note: Sample tested "Trace of Organics" (4.2%).	6-4-3-2 (7)	28.5	17.5	56.4	26.1
		Field Note:, NXDC, Cleaned out casing					
15		A-1-b, GrSa, Lt/brn-gry, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.	11-11-10-13 (21)	11.9	39.1	46.3	14.6
		Field Note:, NXDC, Cleaned out casing					
20		Tested, SiSaGr, gry, Moist, Rec. = 0.2 ft, Lab Note: Sample was Mostly Broken Rock.	R@2.5" (R)	11.4	52.3	25.2	22.5
		Field Note:, NXDC, Cleaned out casing					
25		A-2-4, GrSiSa, gry-Lt/brn, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.	10-12-11-14 (23)	14.2	29.6	36.3	34.1
		Field Note:, NXDC, Cleaned out casing					
30		A-4, SaGrSi, gry, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	9-11-14-17 (25)	14.1	32.7	26.6	40.7
		Field Note:, NXDC, Cleaned out casing					
35		A-2-4, GrSiSa, gry, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.	16-R@2.5" (R)	10.9	28.9	38.1	33.0
		Hole stopped @ 35.7 ft					
		Remarks: Hole collapsed at 22.0 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 KILLINGTON-WOODSTOCK ER NH 020-2(38).GPJ VERMONT AOT.GDT 12/18/14