



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-304**
 Page No.: 1 of 1
 Pin No.: 13B192
 Checked By: MLM

Boring Crew: DAIGNEAULT, HOOK, GARROW
 Date Started: 11/19/14 Date Finished: 11/19/14
 VTSPG NAD83: N 399148.11 ft E 1596191.52 ft
 Station: 260+01 Offset: -10.90
 Ground Elevation: 872.0 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
11/19/14	4.2	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.97 ft					
		A-1-a, Gr, brn-gry, Moist, Rec. = 1.1 ft, Lab Note: Lots of Broken Rock was within sample.	10-12-23-20 (35)	3.1	71.4	18.1	10.5
5		Field Note: NXDC, Cleaned out casing					
		A-1-b, SaGr, brn-gry, MTW, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.	5-7-6-7 (13)	12.0	56.9	25.5	17.6
		Field Note: NXDC, Cleaned out casing					
10		Tested, SaGr, gry, MTW, Rec. = 0.6 ft, Lab Note: Mostly Broken Rock	6-6-7-11 (13)	11.3	66.7	24.2	9.1
		Field Note: NXDC, Cleaned out casing					
15		Field Note: No Recovery	17-9-5-7 (14)				
		Field Note: NXDC, Cleaned out casing					
20		A-2-4, Sa, brn, MTW, Rec. = 0.6 ft	3-2-5-3 (7)	22.4	5.2	81.1	13.7
		Field Note: NXDC, Cleaned out casing					
25		A-2-4, Sa, MTW, Rec. = 0.5 ft	1-2-2-3 (4)	26.8	1.4	83.3	15.3
		Field Note: NXDC, Cleaned out casing					
30		A-4, SaGrSi, gry, MTW, Rec. = 1.1 ft	44-13-10-16 (23)	23.0	21.7	20.0	58.3
		Field Note: NXDC, Cleaned out casing					
35		A-4, Si, gry, MTW, Rec. = 1.5 ft, Lab Note: A very thin layer of clay was noticeable. Sample tested (NP)	9-10-10-14 (20)	32.0	0.7	5.2	94.1
		Hole stopped @ 35.0 ft					
		Remarks: Hole collapsed at 10.7 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