



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-302  
 Page No.: 1 of 1  
 Pin No.: 13B192  
 Checked By: MLM

Boring Crew: DAIGNEAULT, NIETO, GARROW  
 Date Started: 11/26/14 Date Finished: 11/26/14  
 VTSPG NAD83: N 399573.80 ft E 1589636.94 ft  
 Station: 184+66 Offset: 14.20  
 Ground Elevation: 914.8 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 45C TRACK C<sub>r</sub> = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
11/26/14	3.6	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.82		Asphalt Pavement, 0.0 ft - 0.82 ft					
0.82 - 5.0		Lab Note, Mostly Broken Rock with some sand, grn, Moist, Rec. = 0.8 ft	6-6-6-5 (12)	5.2	75.1	16.0	8.9
5.0 - 10.0		Field Note:, No Recovery	R@1.0" (R)				
10.0 - 15.0		Field Note:, Cobbles, Cleaned out casing.					
15.0 - 20.0		A-1-b, SaGr, gry, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	37-27-20-16 (47)	11.4	49.5	34.8	15.7
20.0 - 25.0		Visual Description:, Broken Rock, yel-gry, Moist, Rec. = 0.8 ft	16-R@6.0" (R)	4.4			
25.0 - 30.0		A-1-b, SaGr, yel-gry, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.	12-24-15-11 (39)	12.3	50.7	35.6	13.7
30.0 - 35.0		A-1-a, SaGr, grn-brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	14-21-11-9 (32)	10.8	57.7	30.3	12.0
35.0 - 36.0		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.	22-18-8-5 (26)	13.6	37.9	44.5	17.6
36.0 - 37.0		A-2-4, SiSa, brn, Moist, Rec. = 1.5 ft	20-25-11-7 (36)	16.1	15.3	54.5	30.2
37.0 - 38.0		Hole stopped @ 35.0 ft					
38.0 - 39.0		Remarks: Hole collapsed at 8.8 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<sub>r</sub> 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