



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-303
Page No.: 1 of 1
Pin No.: 13B192
Checked By: MLM

Boring Crew: DAIGNEAULT, NIETO, GARROW
Date Started: 11/20/14 Date Finished: 11/25/14
VTSPG NAD83: N 400228.53 ft E 1591651.50 ft
Station: 207+34 Offset: 16.60
Ground Elevation: 901.5 ft

Casing WB Sampler SS
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 TRACK C_s = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
11/25/14	13.4	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.62		Asphalt Pavement, 0.0 ft - 0.62 ft					
5		A-1-b, GrSa, brn-white, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.	7-8-6-4 (14)	10.6	39.9	45.5	14.6
		Field Note:, NXDC, Cleaned out casing					
5		A-1-a, SaGr, brn-gry, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.	9-7-6-11 (13)	9.2	61.6	25.6	12.8
		Field Note:, Cobbles. Cleaned out casing					
10		A-1-b, SaGr, brn, Moist, Rec. = 1.1 ft, Lab Note: Lots of Broken Rock was within sample.	17-14-20-27 (34)	12.0	46.9	35.1	18.0
		Field Note:, Cleaned out casing, Appears to be silty sand.					
15		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft	6-9-20-16 (29)	13.8	38.7	43.9	17.4
		Field Note:, Cleaned out casing, Appears to be sand.					
20		A-1-b, SiGrSa, gry, Moist, Rec. = 1.3 ft, Lab Note: Lots of Broken Rock was within sample.	20-15-14-17 (29)	11.3	38.8	41.1	20.1
		Field Note:, Cleaned out casing, Appears to be sand.					
25		A-1-b, SaGr, brn-gry, Moist, Rec. = 0.8 ft, Lab Note: Lots of Broken Rock was within sample.	13-14-14-15 (28)	10.7	50.2	32.2	17.6
		Field Note:, Cobbles. Cleaned out casing					
30		A-1-b, SiSaGr, gry, Moist, Rec. = 1.2 ft, Lab Note: Broken & Weathered Rock were within sample.	29-33-25- R@2.5" (58)	10.9	42.8	34.6	22.6
		Field Note:, Cobbles. Cleaned out casing					
35		A-1-b, SiSaGr, gry, Moist, Rec. = 1.0 ft, Lab Note: Broken & Weathered Rock were within sample.	15-20-35- R@1.0" (55)	11.1	43.9	33.4	22.7
		Hole stopped @ 34.6 ft					
		Remarks: Hole collapsed at 17.3 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