



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

BORING LOG

KILLINGTON-STOCKBRIDGE
 STP 022-1(25)
 VT-100

Boring No.: **B-101**

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Pin No.: 12B234

Checked By: END

Boring Crew: DAIGNEAULT, GARROW
 Date Started: 8/04/14 Date Finished: 8/04/14
 VTSPG NAD83: N 445626.76 ft E 1555079.81 ft
 Station: A16+63.0 Offset: 17.03
 Ground Elevation: 1074.94 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_s = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
08/04/14	6.8	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, GrSa, brn, Moist, Rec. = 1.2 ft	WH-6-11-16 (17)	7.2	37.4	51.6	11.0
		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	8-11-10-9 (21)	6.2	58.9	31.4	9.7
		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	4-5-12-13 (17)	7.7	61.2	30.0	8.8
		A-1-b, SaGr, brn, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	16-45-R@6.0" (R)	14.6	51.5	34.0	14.5
10		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	33-30-R@6.0" (R)	11.6	53.4	32.5	14.1
		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	25-27-22-28 (49)	12.3	53.0	29.3	17.7
		A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	18-20-22-28 (42)	11.7	46.2	34.6	19.2
15		A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.	28-32-30-R@2.25" (62)	11.7	51.5	31.8	16.7
		A-1-a, Gr, brn, Moist, Rec. = 0.2 ft, Lab Note: Broken Rock was within sample. Rock in the end of sampler.	33-40-R@3.5" (R)	9.5	71.5	19.3	9.2
20		A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.	23-28-33-25 (61)	10.9	49.9	33.7	16.4
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft	20-36-R@6.0" (R)	13.2	37.0	44.3	18.7
25		A-1-b, SiGrSa, brn, Moist, Rec. = 0.6 ft	25-25-25-25 (50)	16.5	35.0	40.8	24.2
30		A-1-b, GrSa, brn, Moist, Rec. = 1.3 ft	22-26-32-27 (58)	12.3	36.6	44.6	18.8
		Hole stopped @ 32.0 ft					
35		Remarks: Hole collapsed at 20.4 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-STOCKBRIDGE STP 022-1(25).GPJ VERMONT AOT.GDT 8/13/14