



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

BORING LOG

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

Boring No.: **B-105**

Page No.: 1 of 1

Pin No.: 12B234

Checked By: END

Boring Crew: DAIGNEAULT, GARROW

Date Started: 8/01/14 Date Finished: 8/01/14

VTSPG NAD83: N 460540.61 ft E 1556308.50 ft

Station: A168+63.7 Offset: -17.00

Ground Elevation: 852.39 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
08/01/14	6.2	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
5		A-2-4, Sa, brn, Moist, Rec. = 0.5 ft, Lab Note: Roots were within sample.				2-9-5-5 (14)	7.4	14.9	68.9	16.2	
		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				4-7-7-6 (14)	7.3	49.5	37.0	13.5	
		A-1-b, SaGr, brn, Moist, Rec. = 1.7 ft, Lab Note: Broken Rock was within sample.				11-15-15-12 (30)	7.7	44.1	42.0	13.9	
		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.				18-15-4-4 (19)	10.7	68.7	23.2	8.1	
		A-2-4, SiSa, brn, MTW, Rec. = 0.7 ft, Lab Note: Small Roots were within sample.				5-6-14-26 (20)	21.3	32.9	55.0	12.1	
		A-1-b, GrSa, brn, MTW, Rec. = 1.3 ft, Lab Note: Broken Rock was within sample.				26-26-20-28 (46)	10.1	66.6	23.6	9.8	
		A-1-a, SaGr, brn, MTW, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample.				24-21-27-12 (48)	10.0	62.9	26.8	10.3	
		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				5-2-2-3 (4)	24.4	10.6	64.1	25.3	
		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.				4-3-5-9 (8)	26.5	13.7	26.1	60.2	
		A-1-a, SaGr, brn, MTW, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample.				10-10-15-10 (25)	14.6	54.9	31.0	14.1	
20		A-1-b, SiGrSa, red, Moist, Rec. = 0.4 ft, Lab Note: Sample was very rusty-red in color.				30-29-22-23 (51)	21.5	28.4	47.2	24.4	
		A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.					12.0	50.8	32.2	17.0	
25		24.5 ft - 29.5 ft, Dark gray, Phyllite, with quartz nodules. Soft, Moderately severe weathering, Poor to very poor rock, NXMDC, Numerous very closely spaced stained partings along foliation planes. RMR = 21	1 (70)	94 (0)	5 3 3 15 9		Top of Bedrock @ 24.5 ft				
30		Hole stopped @ 29.5 ft									
35		Remarks: Hole collapsed at 13.0 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-STOCKBRIDGE STP 022-1(25).GPJ VERMONT AOT.GDT 8/13/14