



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

BORING LOG

KILLINGTON-STOCKBRIDGE

STP 022-1(25)

VT-100

Boring No.: **B-102**

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Pin No.: 12B234

Checked By: END

Boring Crew: DAIGNEAULT, GARROW  
 Date Started: 8/05/14 Date Finished: 8/05/14  
 VTSPG NAD83: N 445627.90 ft E 1555054.50 ft  
 Station: A16+76.75 Offset: -16.74  
 Ground Elevation: 1076.48 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<sub>r</sub> = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
08/05/14	8.5	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-a, SaGr, brn, Moist, Rec. = 1.2 ft, Lab Note: Asphalt Pavement was within sample.	11-9-6-7 (15)	4.9	64.9	26.8	8.3
		A-1-a, SaGr, brn, Moist, Rec. = 1.2 ft	6-9-5-5 (14)	6.5	55.0	34.7	10.3
		A-1-a, SaGr, brn, Moist, Rec. = 1.4 ft	4-5-6-4 (11)	7.7	54.1	35.7	10.2
		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft, NXDC, Cleaned out casing.	9-3-8-18 (11)	7.4	57.9	35.2	6.9
10		A-1-a, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	20-23-18-11 (41)	13.1	58.7	30.0	11.3
		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	15-13-9-7 (22)	14.1	56.2	31.5	12.3
15		A-1-b, SaGr, brn, Moist, Rec. = 0.9 ft, NXDC, Cleaned out casing.	7-7-9-11 (16)	13.0	48.6	38.7	12.7
		A-1-b, SaGr, brn, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	24-21-24-25 (45)	11.6	41.9	40.7	17.4
		A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.	16-22-22-27 (44)	10.6	47.4	35.8	16.8
		A-1-b, SaGr, brn, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.	22-24-23-22 (47)	12.8	44.0	36.7	19.3
20		A-1-b, SaGr, brn, Moist, Rec. = 1.3 ft, Lab Note: Broken Rock was within sample.	22-20-16-16 (36)	12.1	46.3	37.6	16.1
25		Field Note: NXDC, Cleaned out casing	R@0.0" (R)	Hole stopped @ 25.0 ft			
		Field Note: No Recovery					
Remarks:		1. Lost water return at 11.0 ft. 2. Regained water at 15.0 ft. 3. Hole collapsed at 14.7 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-STOCKBRIDGE STP 022-1(25).GPJ VERMONT AOT.GDT 8/13/14