



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

BORING LOG

MOUNT HOLLY  
 STP 0133(8)  
 VT-155 MM 5.57

Boring No.: B-101

Page No.: 1 of 1

Pin No.: 12C406

Checked By: MLM

Boring Crew: JUDKINS, DAIGNEAULT, GARROW

Date Started: 10/29/13 Date Finished: 10/29/13

VTSPG NAD83: N 336758.86 ft E 1545810.98 ft

Station: 609+45 Offset: 13.54

Ground Elevation: 1443.45 ft

Type: WB Sampler: SS  
 I.D.: 4.25 in 1.5 in  
 Hammer Wt: N.A. 140 lb.  
 Hammer Fall: N.A. 30 in.  
 Hammer/Rod Type: Auto/AWJ  
 Rig: CME 55 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
10/29/13	11.7	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0.0 - 0.45		Asphalt Pavement, 0.0 ft - 0.45 ft A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft	6-21-17-19 (38)	11.7	28.7	56.9	14.4		
		Field Note: No Recovery	R@2.5"						
10		Field Note: Cobbles, Cleaned out casing A-4, SaSi, brn, Moist, Rec. = 0.7 ft	7-3-6-6 (9)	25.9	6.5	20.9	72.6	26	2
		A-4, Si, brn, Moist, Rec. = 0.3 ft	3-4-11-5 (15)	25.0	13.3	17.7	69.0		
20		A-2-4, GrSiSa with varved layers, brn, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.	8-25-28-R@3.5" (53)	11.5	24.7	41.6	33.7		
		Field Note: Cleaned out casing. Appears to be Sandy Gravel A-4, SaSi (HP), gry, Moist, Rec. = 0.7 ft	35-R@5.0"	11.5	16.5	33.6	49.9		
30		A-4, SaSi, gry, Moist, Rec. = 0.2 ft	R@3.5"	10.4	12.4	43.7	43.9		
		Field Note: No Recovery	R@2.5"						
40		A-4, SiSa, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.	42-R@5.0"	12.6	12.2	46.4	41.4		
		Field Note: No Recovery. Appears to be Sandy Silt	R@5.0"						
50		Field Note: No Recovery. Appears to be Sandy Silt	R@6.0"						
		A-4, SaSi, gry, Moist, Rec. = 0.5 ft	28-R@5.0"	21.2	2.9	37.8	59.3		
60		A-4, GrSaSi, gry, Moist, Rec. = 0.3 ft	R@3.5"	10.3	26.8	35.2	38.0		
		A-4, Si, gry, Moist, Rec. = 1.2 ft, Lab Note: A very small layer of Clay was noticeable, but not enough for testing.	28-35-R@6.0" (R)	25.3	0.4	2.0	97.6		
70		A-4, Si, gry, Moist, Rec. = 1.3 ft	13-32-R@6.0" (R)	27.9		0.9	99.1	32	4
		Hole stopped @ 72.0 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 MOUNT HOLLY STP 0133(8).GPJ VERMONT AOT.GDT 3/10/14