



STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 CONSTRUCTION AND  
 MATERIALS BUREAU  
 CENTRAL LABORATORY

BORING LOG

HARTFORD-ROYALTON  
 IMG SIGN(48)  
 I-89 NB & SB

Boring No.: B-106  
 Page No.: 1 of 1  
 Pin No.: 13A618  
 Checked By: MLM

Boring Crew: JUDKINS, HOOK, NIETO  
 Date Started: 5/12/15 Date Finished: 5/12/15  
 VTSPG NAD83: N 413803.79 ft E 1685304.60 ft  
 Station: MM 0.050 NB Offset: 10.00  
 Ground Elevation: 418.01 ft

Casing WB Sampler 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 55 TRACK C<sub>c</sub> = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, SiGrSa, brn, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.	1-6-9-9 (15)	14.2	32.2	45.4	22.4
		A-1-a, SaGr, gry-brn, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.	8-6-21-25 (27)	4.0	49.8	37.9	12.3
		Lab Note, Mostly Broken Rock, gry, Moist, Rec. = 1.0 ft, NXDC, Cleaned out casing.	18-17-18-21 (35)	1.7	73.2	19.6	7.2
		Lab Note, Mostly Broken Rock, gry-Dk/brn, Moist, Rec. = 0.5 ft, NXDC, Cleaned out casing.	21-16-R@0.0" (R)	7.9	51.3	33.5	15.2
10		Field Note:, NXDC, Boulder					
		Visual Description:, Broken Rock with sandy silt, gry, Moist, Rec. = 0.4 ft, Lab Note: Insufficient sample for testing.	14-18-17-16 (35)				
15		Field Note:, NXDC, Cleaned out casing.					
		Visual Description:, Broken Rock with silty sand, brn, Moist, Rec. = 0.4 ft, Lab Note: Insufficient sample for testing.	20-8-6-8 (14)				
20		Field Note:, NXDC, Cleaned out casing.					
		Field Note:, No Recovery	R@0.0" (R)				
25		Field Note:, NXDC, Cleaned out casing.					
		Visual Description:, Broken Rock with sand, gry, Moist, Rec. = 0.2 ft, Lab Note: Insufficient sample for testing.	R@5.0" (R)				
30		Field Note:, NXDC, Cleaned out casing.					
		Field Note:, No Recovery	R@0.0" (R)				
35		Visual Description:, Broken Rock with sand, gry, Moist, Rec. = 0.3 ft, Lab Note: Insufficient sample for testing.	9-6-9-R@5.0" (15)				
		Hole stopped @ 36.9 ft					
40		Remarks: 1. Hole collapsed at 2.0 ft. 2. Offset measured as the distance from the edge of pavement.					

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.