



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

BORING LOG

RUTLAND-HARTFORD  
 NH 020-2(35)  
 US-4

Boring No.: **B-234**

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Pin No.: 12B188

Checked By: \_\_\_\_\_

Boring Crew: SALISBURY, JUDKINS, DAIGNEAULT  
 Date Started: 5/13/13 Date Finished: 5/14/13  
 VTSPG NAD83: N 419907.27 ft E 1529059.90 ft  
 Station: MM 1.65 Offset: 41.10  
 Ground Elevation: 1076.42 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>s</sub> = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
05/14/13	16.5	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. = 0.8 ft, Broken Rock was within sample.	21-38-R@5.0" (R)	3.5	58.9	28.8	12.3
		A-2-4, SiSa, brn, Moist, Rec. = 1.1 ft	16-13-8-8 (21)	22.0	7.5	57.8	34.7
		A-4, SiSa, brn, Moist, Rec. = 1.1 ft	6-4-5-6 (9)	23.5	15.3	47.9	36.8
10		Visual Description:, Broken Rock (Cobbles), gry, Moist, Rec. = 0.1 ft	4-11-16-11 (27)				
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.8 ft, Broken (Cobbles) Rock was within sample.	16-24-19-16 (43)	12.1	37.3	38.2	24.5
		A-1-a, SaGr, brn, MTW, Rec. = 1.0 ft, Lots of Broken (Cobbles) Rock was within sample.	16-15-11-20 (26)	7.6	66.6	24.1	9.3
		Visual Description:, SaGr with Broken (Cobbles) Rock, brn, MTW, Rec. = 0.2 ft, Insufficient sample for testing. Field Note:, NXDC, Boulder	R@2.5" (R)				
15		Field Note:, No Recovery	26-24-15-15 (39)				
		Field Note:, Lost water return Field Note:, NXDC, Cobbles					
		Field Note:, No Recovery	32-32-R@0.0" (R)				
25		Field Note:, NXDC, Cobbles					
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.6 ft, Some Broken (Cobbles) Rock was within sample.	27-31-R@5.0" (R)	13.3	34.4	45.2	20.4
Hole stopped @ 26.4 ft							
Remarks: Hole collapsed at 15.8 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.