



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

BORING LOG

HARTFORD  
 IM 91-2(79)  
 I-91 BR-43

Boring No.: B-202  
 Page No.: 1 of 1  
 Pin No.: 12A132  
 Checked By: BLS

Boring Crew: DAIGNEAULT, NIETO, HOOK  
 Date Started: 5/06/14 Date Finished: 5/07/14  
 VTSPG NAD83: N 417502.25 ft E 1683282.33 ft  
 Station: 150+23.81 Offset: 42.49  
 Ground Elevation: 551.6 ft

Type: 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 = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
05/07/14	5.1	AM

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 %
0-5		A-2-4, GrSiSa, brn, Moist, Rec. = 1.1 ft, Lab Note: Roots, grass, and Broken Rock were within sample.				WH-2-4-11 (6)	13.2	27.2	42.1	30.7
5-10		Field Note:, Roller Coned ahead and cleaned out casing. A-2-4, SiGrSa, brn, MTW, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.				11-14-18-28 (32)	13.2	33.0	37.5	29.5
10-15		Field Note:, Roller Coned ahead and cleaned out casing. A-4, SaSi, gry, MTW, Rec. = 1.5 ft				19-31-39-R@1,0" (70)	12.5	16.9	33.9	49.2
15-20		Field Note:, Roller Coned ahead and cleaned out casing. A-4, GrSaSi, gry, MTW, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.				12-30-48-R@1,0" (78)	11.5	25.0	28.2	46.8
20-25		Field Note:, Roller Coned ahead and cleaned out casing. Visual Description:, Broken Rock with silty sand, gry, Moist, Rec. = 0.2 ft, Insufficient sample for testing.				R@2,5" (R)				
25-30		25.0 ft - 30.0 ft, Dark-greenish-gray to medium-bluish-gray metamorphosed andesitic and basaltic Tuff, Moderately hard, Moderately weathered, Poor rock, NXMDC, Staining along fractures. RMR = 36	1	36 (0)	3					
30-35		30.0 ft - 35.0 ft, Dark-greenish-gray to medium-bluish-gray metamorphosed andesitic and basaltic Tuff, Moderately hard, Moderately weathered, Poor rock, NXMDC, Staining along fractures near end of run. RMR = 41	2	100 (48)	5					
35-40	Hole stopped @ 35.0 ft									
40-45	Remarks: Hole collapsed at 7.0 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 HARTFORD IM 91-2(79).GPJ VERMONT AOT.GDT 5/30/14