



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

BORING LOG

HARTFORD
 NH 020-2(37)
 US-4 MM 0.8

Boring No.: B-101
 Page No.: 1 of 1
 Pin No.: 12B480
 Checked By: CEE

Boring Crew: GARROW, JUDKINS
 Date Started: 11/29/12 Date Finished: 12/04/12
 VTSPG NAD83: N 414130.80 ft E 1654091.10 ft
 Station: 228+42 Offset: -10.00
 Ground Elevation: 694.5 ft

Casing: WB
 Sampler: SS
 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 55 TRACK CE = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
12/04/12	4.8	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 1.0	Asphalt Pavement	Asphalt Pavement, 0.0 ft - 1.0 ft					
1.0 - 1.7	A-2-4, SiSa, Dk/brn, Moist, Rec. = 0.7 ft	A-2-4, SiSa, Dk/brn, Moist, Rec. = 0.7 ft	5-3-3-2 (6)	18.0	14.0	61.2	24.8
1.7 - 3.0	A-4, SiSa, Dk/gry, Moist, Rec. = 1.3 ft	A-4, SiSa, Dk/gry, Moist, Rec. = 1.3 ft	5-5-4-8 (9)	14.2	14.6	46.2	39.2
3.0 - 11.0	Field Note: NXDC, Silt, 11'-12'	Field Note: NXDC, Silt, 11'-12'					
11.0 - 15.0	Field Note: Visual Description: Broken Rock with Sand, Dk/gry, Moist, Rec. = 0.4 ft, Insufficient sample for testing.	Field Note: Visual Description: Broken Rock with Sand, Dk/gry, Moist, Rec. = 0.4 ft, Insufficient sample for testing.	R@5.0"	8.2			
15.0 - 17.0	Field Note: NXDC, Boulder, 15'-17'	Field Note: NXDC, Boulder, 15'-17'					
17.0 - 17.3	A-4, SaSi, gry, Moist, Rec. = 0.3 ft	A-4, SaSi, gry, Moist, Rec. = 0.3 ft	R@3.5"	9.3	18.4	34.3	47.3
17.3 - 18.3	Field Note: NXDC, Cobbles, 17.3'-18.3'	Field Note: NXDC, Cobbles, 17.3'-18.3'					
18.3 - 20.3	Field Note: NXDC, Boulder, 20.3'-22'	Field Note: NXDC, Boulder, 20.3'-22'					
20.3 - 25.0	A-4, GrSaSi, Dk/gry, Moist, Rec. = 0.6 ft	A-4, GrSaSi, Dk/gry, Moist, Rec. = 0.6 ft	25-35-36-R (71)	9.3	29.2	30.5	40.3
25.0 - 27.0	Field Note: NXDC, Cobbles, 27'-28'	Field Note: NXDC, Cobbles, 27'-28'					
27.0 - 38.7	A-4, GrSaSi, Dk/gry, Moist, Rec. = 1.5 ft	A-4, GrSaSi, Dk/gry, Moist, Rec. = 1.5 ft	8-22-36-38 (58)	9.1	20.5	36.0	43.5
38.7 - 39.7	Field Note: NXDC, Boulder, 36'-38'	Field Note: NXDC, Boulder, 36'-38'					
39.7 - 46.4	Field Note: No Recovery, 38'-39.7'	Field Note: No Recovery, 38'-39.7'	25-33-35-R (68)				
46.4 - 47.0	Field Note: NXDC, Silt, 46'-47'	Field Note: NXDC, Silt, 46'-47'					
47.0 - 54.4	A-4, GrSaSi, gry, Moist, Rec. = 0.9 ft	A-4, GrSaSi, gry, Moist, Rec. = 0.9 ft	13-15-23-R (38)	9.8	24.4	34.6	41.0
54.4 - 57.0	Field Note: NXDC, 54.4'-57.0'	Field Note: NXDC, 54.4'-57.0'					
57.0 - 66.3	A-4, SaSi, gry, Moist, Rec. = 1.0 ft	A-4, SaSi, gry, Moist, Rec. = 1.0 ft	35-28-37-R (65)	9.1	15.5	40.9	43.6
66.3 - 67.0	Field Note: NXDC, Silt, 66'-67'	Field Note: NXDC, Silt, 66'-67'					
67.0 - 67.3	Field Note: No Recovery, 67'-67.3'	Field Note: No Recovery, 67'-67.3'	R@3.5"				
67.3 - 71.0	Field Note: NXDC, Silt, 71'-72'	Field Note: NXDC, Silt, 71'-72'					
71.0 - 72.9	A-2-4, SiSaGr, gry, Moist, Rec. = 0.6 ft	A-2-4, SiSaGr, gry, Moist, Rec. = 0.6 ft	28-R@4.5"	8.1	37.6	32.9	29.5
72.9	Hole stopped @ 72.9 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. CE is the hammer energy correction factor.
 3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 HARTFORD NH 020-2(37).GPJ VERMONT AOT.GDT 1/28/13