



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

BORING LOG

LUDLOW  
 BR# 025-1 (42)

Boring No.: B-101  
 Page No.: 1 of 1  
 Pin No.: 10J068  
 Checked By: SMC

Boring Crew: Geosearch, Inc. Fitchburg, MA, MJC  
 Date Started: 1/26/12 Date Finished: 1/27/12  
 VTSPG NAD83: N 326718.81 ft E 1588076.53 ft  
 Station: 102+33.54 Offset: 30.7 LT  
 Ground Elevation: 994.0 ft

Type: HW Sampler SS  
 I.D.: 4 in 1.38 in  
 Hammer Wt: 300 140 lb.  
 Hammer Fall: 24 30 in.  
 Hammer/Rod Type: Auto/N  
 Rig: CME 75 CE = 1.3

Groundwater Observations		
Date	Depth (ft)	Notes
01/26/12	7.0	

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt, 0.0 ft - 0.3 ft					
	x x x	A-2-4, SiGrSa, gry, Moist, Rec. = 1.5 ft	50-14-7-5 (21)	14.9	26.6	49.7	23.7
	x x x	A-2-4, Sa, brn, Moist, Rec. = 1.3 ft	4-2-2-2 (4)	5.3	0.9	87.7	11.4
		A-1-b, SaGr, brn, Moist, Rec. = 0.7 ft	8-5-4-6 (9)	12.6	53.8	35.7	10.5
		A-1-a, SaGr, brn, Wet, Rec. = 0.3 ft	7-4-5-4 (9)	10.2	64.1	30.1	5.8
10		A-2-4, GrSa, brn, Wet, Rec. = 0.5 ft	11-5-4-4 (9)	24.1	27.7	54.4	17.9
		A-1-a, Gr, brn, Wet, Rec. = 0.5 ft	15-16-13-10 (29)	14.7	73.5	17.1	9.4
		A-1-a, Gr, brn, Wet, Rec. = 0.8 ft	15-16-25-44 (41)	11.7	75.5	16.0	8.5
		A-3, GrSa, brn, Wet, Rec. = 1.5 ft	40-13-12-15 (25)	19.3	25.2	64.7	10.1
20		A-1-b, SaGr, tan, Wet, Rec. = 0.8 ft	24-33-31-25 (64)	11.9	55.8	28.1	16.1
		A-1-b, SaGr, tan, Wet, Rec. = 1.1 ft	8-29-26-36 (55)	11.5	49.2	36.1	14.7
30		A-2-4, SiSa, brn, Wet, Rec. = 1.2 ft	10-15-16-15 (31)	23.8		68.8	31.2
		Cobbles, 33.0 ft - 35.0 ft					
		Cobbles, 36.0 ft - 37.0 ft					
40		A-4, SaSi, gry, Wet, Rec. = 0.7 ft	75-50/2 (100+)	9.8	19.7	33.1	47.2
		Cobbles, 41.0 ft - 42.0 ft					
		A-2-4, SaGrSi, gry, Wet, Rec. = 0.4 ft	100/5 (100+)	8.4	33.4	32.8	33.8
		Cobbles, 45.0 ft - 47.0 ft					
50		A-4, GrSaSi, gry, Wet, Rec. = 0.4 ft	100/5 (100+)	9.1	25.7	36.6	37.7
		Hole stopped @ 49.5 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. CE is an estimated value.
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.

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