



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

BORING LOG

MILTON
 IM 089-3(66)
 I-89 NB&SB BR-81 NB&SB

Boring No.: B-108
 Page No.: 1 of 1
 Pin No.: 10A060
 Checked By: TDE

Boring Crew: PORTER, HOLT
 Date Started: 8/09/11 Date Finished: 8/11/11
 VTSPG NAD83: N 779831.69 ft E 1473748.11 ft
 Station: 2786+67.0 Offset: 46.80
 Ground Elevation: 202.0 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 45C SKID CE = 1.33

Groundwater Observations

Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate (minutes/ft)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0.0 - 0.75		Asphalt Pavement, 0.0 ft - 0.75 ft										
0.75 - 1.2		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft				18-17-10-9 (27)	10.9	11.0	64.8	24.2		
1.2 - 1.8												
1.8 - 2.4		A-2-4, SiSa, brn, Moist, Rec. = 0.6 ft Field Note: 6"+ stones were encountered.				5-4-21-12 (25)	16.8	12.7	61.9	25.4		
2.4 - 3.8		A-3, Sa, brn, Moist, Rec. = 1.4 ft				6-8-14-18 (22)	10.6	11.8	78.4	9.8		
3.8 - 5.2												
5.2 - 6.6		A-2-4, Sa, brn, Moist, Rec. = 1.4 ft				13-22-29-38 (51)	13.2	10.3	77.1	12.6		
6.6 - 8.2												
8.2 - 9.8		A-1-b, Sa, brn, Moist, Rec. = 1.6 ft				17-32-38-39 (70)	14.9	18.7	71.4	9.9		
9.8 - 10.9												
10.9 - 12.0		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft				22-38-46-51 (84)	7.8	20.7	70.7	8.6		
12.0 - 13.5												
13.5 - 15.0		A-3, Sa, brn, Moist, Rec. = 1.5 ft				29-40-43-53 (83)	15.3	7.2	84.0	8.8		
15.0 - 17.0												
17.0 - 19.0		A-7-5, Cl, brn, Moist, Rec. = 2.0 ft				1-2-3-4 (5)	46.3		2.3	97.7	68	37
19.0 - 20.5												
20.5 - 21.5		A-6, SiCl, brn, Moist, Broken rock was within sample.				R@5.0"	25.3	16.9	14.3	68.8	31	12
21.5 - 24.4		42.4 ft - 47.4 ft, Gray, Phyllitic Slate, with calcite bands. Moderately hard, Unweathered, Very good rock, NXMDC, RMR = 89	1 (10)	100 (94)	9 8 7 7							
24.4 - 25.4		47.4 ft - 52.4 ft, Gray, Phyllitic Slate, with calcite bands. Moderately hard, Unweathered, Very good rock, NXMDC, RMR = 89	2 (10)	94 (94)								
25.4 - 52.4		Hole stopped @ 52.4 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 MILTON IM 089-3(66).GPJ VERMONT AOT.GDT 9/22/11