



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

BORING LOG
MILTON
IM 089-3(68)
I-89 SB MM 101.8 & MM102.3

Boring No.: B-109
Page No.: 1 of 1
Pin No.: 11A046
Checked By: CEE

Boring Crew: PORTER, GARROW, WELLS
Date Started: 6/15/11 Date Finished: 6/16/11
VTSPG NAD83: N 783226.46 ft E 1473646.05 ft
Station: 639+58 Offset: -120.00
Ground Elevation: 252.0 ft

Casing Type: WB
I.D.: 4 in
Sampler Type: SS
I.D.: 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
		See Remarks.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5	[Diagonal Hatching]	A-4, Si, brn, Moist, Rec. = 1.7 ft	[Well Diagram]	WH-1-3-6 (4)	22.9		12.7	87.3		
		A-4, Si, brn, Moist, Rec. = 1.7 ft		8-8-8-8 (16)	16.2		18.9	81.1		
		A-4, Si, brn-gry, MTW, Rec. = 2.0 ft		6-5-5-5 (10)	22.6		11.1	88.9	25	2
		A-4, Si, brn, MTW, Rec. = 2.0 ft		3-3-3-3 (6)	28.2		1.3	98.7	29	3
		A-4, ClSi, brn, MTW, Rec. = 2.0 ft		3-2-2-3 (4)	28.6		3.0	97.0	32	8
10	[Diagonal Hatching]	A-6, SiCl, brn, MTW, Rec. = 2.0 ft	[Well Diagram]	WH-2-2-2 (4)	32.2		2.6	97.4	34	11
		A-7-6, Cl, brn, MTW, Rec. = 2.0 ft		WH-1-2-1 (3)	42.3	0.8	2.6	96.6	54	30
15	[Diagonal Hatching]	A-7-6, Cl, gry, MTW, Rec. = 2.0 ft	[Well Diagram]	WH-1-1 (1)	41.4	0.3	3.3	96.4	50	27
		Shelby Tube (Clay), gry, MTW, Rec. = 1.8 ft, 16.0 ft - 18.0 ft								
20	[Diagonal Hatching]	A-7-6, Cl, gry, MTW, Rec. = 2.0 ft, Material from Triaxial "B" sample.	[Well Diagram]		50.0		0.8	99.2	67	41
		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft		WH-WH-WH (WH)	58.2		0.8	99.2	69	42
25	[Diagonal Hatching]		[Well Diagram]							
		Field Note: NXDC, Probable Bedrock at 27.0 ft.								
30		Hole stopped @ 29.0 ft Probable Bedrock								
35		Remarks: 1. Installed Inclinerometer Well to 29.0 ft. 2. Top of well is 2.5 feet above ground level.								
		Ground water table: a. Artesian Condition: Overflow on 06/16/11 (drilled to 29.0', water stabilized at 3.5' above ground)								

BORING LOG 2 MILTON IM 089-3(68) GPJ VERMONT AOT.GDT 7/20/11

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.