



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-103
Page No.: 1 of 1
Pin No.: 11A046
Checked By: CEE

Boring Crew: PORTER, GARROW, STAAB
Date Started: 5/16/11 Date Finished: 5/19/11
VTSPG NAD83: N 783230.08 ft E 1473707.03 ft
Station: 639+54 Offset: -59.00
Ground Elevation: 263.19 ft

Casing Type: WB
I.D.: 4 in
Hammer Wt: N.A.
Hammer Fall: N.A.
Hammer/Rod Type: Auto/AWJ
Rig: CME 55 TRACK
Sampler Type: SS
I.D.: 1.5 in
140 lb.
30 in.
Auto/AWJ
CE = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
05/16/11	1.4	
05/19/11	1.0	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		A-4, Si, gry, Moist, Rec. = 1.2 ft		WH-2-2 (2)	29.9	0.1	18.2	81.7		
		A-4, Si, gry, Wet, Rec. = 1.4 ft		2-3-3-3 (6)	28.1		10.8	89.2		
		A-4, Si, gry, Wet, Rec. = 1.2 ft		1-3-2-3 (5)	25.6		2.0	98.0	28	2
		A-4, Si, gry, Wet, Rec. = 1.5 ft		2-2-2-2 (4)	27.0		1.7	98.3	28	2
10		Tube sample, gry, Wet, Rec. = 1.8 ft, 8.0 ft - 10.0 ft								
		A-4, Si, gry, MTW, Rec. = 1.5 ft		2-2-3-2 (5)	28.3		0.8	99.2		
		Tube sample, gry, MTW, Rec. = 1.5 ft, 13.0 ft - 15.0 ft								
		A-4, Si, gry, MTW, Rec. = 1.4 ft		2-3-2-3 (5)	26.3		0.7	99.3	25	2
		Tube sample, gry, MTW, Rec. = 1.9 ft, 18.0 ft - 20.0 ft								
20		A-4, Si, gry, MTW, Rec. = 2.0 ft		1-2-3-4 (5)	26.0		0.6	99.4	24	2
		A-4, Si, gry, MTW, Rec. = 1.8 ft, Material from Triaxial sample "A"			25.0		0.6	99.4	25	2
		A-4, Si, gry, MTW, Material from Triaxial sample "C"			39.1		0.4	99.6	26	2
		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft		WH-2-2 (2)	40.3	0.3	4.2	95.5	51	28
		A-7-6, Cl, gry, MTW, Rec. = 2.0 ft		WH-1-1 (1)	48.8	1.8	2.5	95.7	57	32
30		A-4, ClSi, gry, MTW, Rec. = 1.5 ft, Small artesian at 33.0 ft.		2-2-2-2 (4)	27.4	18.4	26.5	55.1	23	10
		A-2-4, SiSa, gry, MTW, Rec. = 1.3 ft		5-11-10-13 (21)	12.4	18.8	46.1	35.1		
		Field Note: When the casing was at 38.0', flowing water was recorded up to 13.5' above the ground surface.								
40		A-1-b, SaGr, gry, MTW, Rec. = 1.0 ft		11-19-22-28 (41)	7.5	49.0	33.0	18.0		
		Field Note: NXDC, Probable Bedrock at 42.0 ft.								
		Hole stopped @ 45.5 ft								
50		Remarks: 1. Installed Inclinometer Well to 44.2 ft. 2. Top of well is 2.5 feet above ground level.								

BORING LOG 2 MILTON IM 089-3(68).GPJ VERMONT AOT.GDT 7/29/11

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.