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-102
Page No.: 1 of 1
Pin No.: 11A046
Checked By: CEE

Boring Crew: PORTER, GARROW
Date Started: 5/11/11 Date Finished: 5/13/11
VTSPG NAD83: N 783225.97 ft E 1473745.71 ft
Station: 639+45 Offset: -21.00
Ground Elevation: 278.15 ft

	Casing	Sampler
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
		No accurate data.
		Casing in clay.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Field Note:, Fill Material (Gr), NXDC								
		A-2-4, Sa, brn, Moist, Rec. = 1.1 ft		2-4-4-4 (8)	14.6	20.0	63.4	16.6		
		Field Note:, NXDC, Gravel								
		Mostly Broken Rock, gry, Moist, Rec. = 0.6 ft, 7.0 ft - 9.0 ft		5-6-5-7 (11)	8.9	72.2	16.5	11.3		
10		Field Note:, NXDC, Gravel								
		A-4, Si, brn-gry, MTW, Rec. = 1.0 ft		5-3-3-4 (6)	22.5	8.0	13.4	78.6		
		A-2-4, Sa, brn, MTW, Rec. = 1.0 ft		1-2-2-2 (4)	20.5	0.6	87.0	12.4		
20		A-4, Si, gry, MTW, Rec. = 1.6 ft		2-3-3-3 (6)	27.1		1.2	98.8	29	4
		No Recovery in Shelby Tube, 24.0 ft - 26.0 ft								
		A-4, Si, gry, MTW, Rec. = 1.4 ft		WH-WH-WH-WH (WH)	32.3		0.6	99.4	27	4
30		Shelby Tube, gry, MTW, Rec. = 2.0 ft, 29.0 ft - 31.0 ft								
		A-7-6, Cl, gry, MTW, Rec. = 1.99 ft			53.4		0.3	99.7	72	43
		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft		WH-WH-2-5 (2)	46.3	0.5	1.2	98.3	61	37
		A-4, ClSi with Gravely Sand, gry, MTW, Rec. = 1.0 ft		1-4-3-2 (7)	24.9	22.3	29.1	48.6	23	9
40		Field Note:, NXDC, Gravel								
		A-4, GrSiSa, gry, MTW, Rec. = 1.0 ft		4-4-5-46 (9)	12.9	20.7	39.8	39.5		
		Field Note:, Probable Bedrock at 45.5 feet, Cored 2 feet of rock to seat inclinometer.								
		Hole stopped @ 47.5 ft Probable Bedrock								
50										

Remarks:
1. Installed Inclinometer Well to 46.4 ft.
2. Top of well is 2.5 feet above ground level.

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(68).GPJ VERMONT AOT.GDT 7/20/11