



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-104
Page No.: 1 of 1
Pin No.: 10A060
Checked By: TDE

Boring Crew: PORTER, SALISBURY
Date Started: 9/14/11 Date Finished: 9/14/11
VTSPG NAD83: N 779433.14 ft E 1473676.38 ft
Station: 2782+62.0 Offset: 48.00
Ground Elevation: 153.0 ft

Casing: WB
Sampler: SS
Type: WB
I.D.: 4 in
Hammer Wt: N.A. 140 lb.
Hammer Fall: N.A. 30 in.
Hammer/Rod Type: Auto/AWJ
Rig: CME 45C TRACK CE = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
09/14/11	2.5	While drilling.

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 %
5		A-1-b, GrSa, brn, MTW, Rec. = 1.0 ft, Lots of Wood was within sample.				9-10-10-8 (20)	27.1	33.9	54.1	12.0		
10		A-4, SiSa, gry, MTW, Rec. = 1.2 ft, A small amount of Wood was within sample.				4-3-2-2 (5)	34.0	2.3	60.7	37.0		
15		A-4, SiSa, gry, MTW, Rec. = 1.6 ft, A small amount of charcoal colored material was noticeable. (decaying small sticks)				1-1-1-1 (2)	48.4		61.4	38.6		
20		A-4, Si, gry, MTW, Rec. = 1.2 ft				8-6-5-6 (11)	20.8	11.0	8.6	80.4	24	4
25		21.7 ft - 26.7 ft, Gray, Phyllitic Slate, with calcite veins. Calcite growth observed along joint surface at 25.6 ft.. Moderately hard, Unweathered, Good rock, NXMDC, RMR = 77	1 (60)	94 (62)	5 5 5 5							
30		26.7 ft - 31.7 ft, Gray, Phyllitic Slate, with calcite veins. Calcite coated joint observed at 27.1 ft.. Moderately hard, Unweathered, Very good rock, NXMDC, RMR = 89	2 (55)	100 (96)	5 5 5 5							
35		Hole stopped @ 31.7 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