



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-103  
 Page No.: 1 of 1  
 Pin No.: 10A060  
 Checked By: TDE

Boring Crew: PORTER, GARROW, SALISBURY  
 Date Started: 9/13/11 Date Finished: 9/14/11  
 VTSPG NAD83: N 779448.80 ft E 1473607.80 ft  
 Station: 2782+65.2 Offset: -22.30  
 Ground Elevation: 153.0 ft

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

Groundwater Observations		
Date	Depth (ft)	Notes
09/14/11	1.75	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Groundwater Observations				
						Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, SaGr, gry, MTW, Rec. = 1.5 ft, Lots of Broken Rock was within sample.				5-6-1-1 (7)	19.9	51.3	34.4	14.3
10		A-2-4, GrSa, gry, MTW, Rec. = 0.8 ft, Wood pieces were within sample. Field Note: NXDC, Broken ledge pieces				3-R@3.5"	22.9	21.1	64.8	14.1
15		11.0 ft - 16.0 ft, Gray, Phyllitic Slate, with calcite veins. Moderately hard, Unweathered, Very good rock, NXMDC, RMR = 81	1 (55)	100 (88)	6	Top of Bedrock @ 11.0 ft				
20		16.0 ft - 21.0 ft, Gray, Phyllitic Slate, with calcite veins. Iron stained joint at 16.35', at 18.6'-18.8', and at 19.6'-19.8'. Moderately hard, Very slightly weathered, Fair rock, NXMDC, RMR = 67	2 (55)	100 (64)	6					
25		Hole stopped @ 21.0 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