



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

BORING LOG

SHREWSBURY  
BRO 1443(44)  
TH-4 BR-37

Boring No.: B-101  
Page No.: 1 of 1  
Pin No.: 94J154  
Checked By: NSM

Boring Crew: PORTER, GARROW  
Date Started: 4/21/11 Date Finished: 4/27/11  
VTSPG NAD83: N 370120.02 ft E 1531053.50 ft  
Station: 102+53 Offset: 23.00  
Ground Elevation: 1017.74 ft

Casing Type: WB  
Sampler Type: 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
04/27/11	19.1	AM, Before drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-1-b, GrSa, brn, Moist, Rec. = 2.0 ft	3-5-8-8 (13)	9.5	22.9	57.5	19.6
		Field Note:, No Recovery	26-17-12-9 (29)				
		Field Note:, NXDC, Cobbles					
10		Visual Classification, GrSa, Rec. = 0.3 ft, Insufficient sample for testing. Field Note:, NXDC, Cobbles & Boulders	42- R@6.0"				
		Visual Classification, SaGr, Rec. = 0.3 ft, Insufficient sample for testing. Field Note:, NXDC, Cobbles & Boulders, Sleaved down to 3.0" casing.	R@5.0"				
20		Field Note:, BXDC, Cobbles & Gravel					
30		A-2-4, GrSiSa, brn, Moist, Rec. = 0.8 ft	20- R@6.0"	11.4	22.2	44.9	32.9
		A-2-4, SiSa, brn, Moist, Rec. = 2.0 ft	13-29-35-48 (64)	10.4	11.7	58.1	30.2
		A-1-b, SiSa, brn, Moist, Rec. = 1.0 ft	22-34- R@6.0"	10.6	17.4	61.5	21.1
		A-2-4, SaGrSi, brn, Moist, Rec. = 0.5 ft Field Note:, BXDC, Gravel	R@6.0"	10.8	33.4	31.8	34.8
		A-4, SaSi (HP), brn, Moist, Rec. = 0.7 ft	16- R@2.5"	9.0	19.0	33.5	47.5
40		A-4, SaSi (HP), brn, Moist, Rec. = 1.0 ft Field Note:, SiSa, Roller coned ahead.	30- R@6.0"	10.1	12.6	34.6	52.8
		Visual Classification, SiSa, red-brn, Moist, Rec. = 0.5 ft, Insufficient sample for testing. Field Note:, Sa, Roller coned ahead.	R@6.0"	11.6			
50		A-2-4, GrSiSa, red-brn, Moist, Rec. = 1.0 ft	11-40- R@2.5"	12.8	29.5	36.4	34.1
		Hole stopped @ 49.2 ft NLTD					

BORING LOG 2 SHREWSBURY BRO 1443(44).GPJ VERMONT AOT.GDT 6/1/11

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.