



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

BORING LOG

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

Boring No.: B-102

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Pin No.: 94J154

Checked By: NSM

Boring Crew: PORTER, GARROW  
Date Started: 4/19/11 Date Finished: 4/21/11  
VTSPG NAD83: N 370096.59 ft E 1531076.24 ft  
Station: 102+70 Offset: 50.00  
Ground Elevation: 1018.33 ft

Casing Type: WB  
Sampler: 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
04/20/11	9.5	
04/21/11	15.0	

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
10		A-1-b, SaGr, brn, Moist, Rec. = 1.4 ft	2-4-5-8 (9)	6.8	43.5	42.3	14.2
		Field Note: Cleaned out casing. Appears to be Gravel. Visual Classification, GrSaSi, brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing.	2-2-2-2 (4)				
20		Field Note: Cobbles, Cleaned out casing.					
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.8 ft	1-1-2-1 (3)	19.8	29.9	40.2	29.9
30		Field Note: Cobbles, Cleaned out casing.					
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft	4-11-6-4 (17)	12.1	42.2	47.5	10.3
40		Field Note: Boulder, Cleaned out casing.					
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft	4-4-5-12 (9)	15.3	32.5	53.7	13.8
50		Field Note: NXDC, Boulder, Sleaved down to 3.0 in.					
		A-2-4, SiGrSa, gry, Moist, Rec. = 1.5 ft	3-10-50-30 (60)	13.1	38.4	41.2	20.4
50		Field Note: BXDC, Cobbles					
		A-1-b, GrSa, brn, Moist, Rec. = 1.7 ft	7-16-30-46 (46)	11.6	32.3	49.2	18.5
50		A-1-b, SiSaGr, brn, Moist, Rec. = 1.9 ft	26-42-38-32 (80)	9.3	46.8	27.9	25.3
		A-2-4, SiGrSa, gold-brn, Moist, Rec. = 1.1 ft, Lab Note: Sample was rusty-orange colored.	17-30-R@6.0" (40)	12.5	33.2	36.3	30.5
50		A-1-b, SaGr, gold-brn, Moist, Rec. = 0.7 ft, Lab Note: Sample was rusty-orange colored. Sample was mostly Broken Rock.	R@6.0" (40)	9.4	55.0	26.2	18.8
		A-1-b, SiGrSa, brn, Moist, Rec. = 1.0 ft	52-R@6.0" (64)	13.7	30.9	48.9	20.2
50		A-2-4, SiGrSa, brn, Moist, Rec. = 2.0 ft	30-36-28-36 (64)	14.8	31.0	42.5	26.5
		A-2-4, SiGrSa, red-brn, Moist, Rec. = 1.0 ft	25-R@6.0" (64)	13.8	28.9	42.7	28.4
50		Field Note: BXDC, Sandy Gravel					
		A-1-b, SaGr, Rec. = 0.5 ft, Lab Note: Broken weathered Schist rock was within sample.	R@6.0" (64)	11.6	49.4	32.9	17.7
50		Hole stopped @ 48.5 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.