



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

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

Boring No.: B-103
Page No.: 1 of 1
Pin No.: 94J154
Checked By: NSM

Boring Crew: PORTER, GARROW
Date Started: 4/27/11 Date Finished: 4/29/11
VTSPG NAD83: N 370162.50 ft E 1531069.11 ft
Station: 102+76 Offset: -16.00
Ground Elevation: 1019.85 ft

Casing: WB
Sampler: SS
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
05/02/11	14.2	After Weekend

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
10		A-2-4, SiSa Topsoil, Dk/brn, Moist, Rec. = 0.5 ft	1-1-R@6.0"	26.9	13.8	55.8	30.4
		A-4, SaSi, brn, Moist, Rec. = 0.5 ft Field Note: NXDC, Cobbles & Gravel		17.3	10.1	43.0	46.9
20		A-4, SaSi, brn, Moist, Rec. = 1.5 ft	1-1-1-1 (2)	19.1	18.2	39.6	42.2
		Field Note: No Recovery, Appears to be SaSi	1-1-1-1 (2)				
30		Field Note: NXDC, Cobbles					
		A-1-b, SiGrSa, brn, Moist, Rec. = 1.0 ft Field Note: NXDC, Cobbles & Gravel	8-14-11-30 (25)	15.9	38.5	38.9	22.6
40		A-1-b, SiGrSa, brn, Moist, Rec. = 0.7 ft Field Note: NXDC, Cobbles & Gravel	8-R@6.0"	10.2	23.5	54.7	21.8
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.5 ft Field Note: NXDC, Cobbles & Gravel	40-R@2.5"	7.6	36.2	36.9	26.9
50		A-1-b, GrSa, gry, Moist, Rec. = 0.5 ft Field Note: NXDC, Cobbles & Gravel	R@6.0"	14.3	22.5	70.5	7.0
		Visual Classification, SaGr, brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing. Field Note: NXDC, SaGr	10-R@2.5"	8.5			
50		A-4, SaSi (HP), gry, Moist, Rec. = 0.8 ft	40-80-R@0.0"	8.7	14.5	32.9	52.6
		A-4, SaSi (HP), gry, Moist, Rec. = 1.0 ft	33-70-R@0.0"	9.3	16.3	31.8	51.9
50		A-4, SaSi (HP), brn, Moist, Rec. = 0.3 ft	R@3.5"	9.5	18.8	32.0	49.2
		A-4, SaSi (HP), brn, Moist, Rec. = 0.5 ft	R@6.0"	9.4	15.3	35.4	49.3
50		A-2-4, SiSaGr, red-brn, Moist, Rec. = 0.3 ft, Lab Note: A small amount of Weathered Rock was within sample.	R@3.5"	9.2	38.5	34.6	26.9
		Hole stopped @ 48.3 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.