



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

BORING LOG

EAST MONTPELIER
STP SCRP(9)
VT. 14

Boring No.: B102

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Pin No.: 10B200

Checked By: CEE

Boring Crew: PORTER, GARROW, WHITLOCK
Date Started: 3/14/11 Date Finished: 3/14/11
VTSPG NAD83: N 638193.10 ft E 1643939.50 ft
Station: _____ Offset: _____
Ground Elevation: _____

Casing: H.S.A. Sampler: SS
I.D.: 3 in 1.5 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

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note: Frozen ground., No Sample.					
5		A-2-4, SiSa, brn, Moist, Rec. = 2.0 ft	6-4-1-2 (5)	27.2	6.2	63.0	30.8
		A-4, SiSa, brn, MTW, Rec. = 1.3 ft	2-2-1-1 (3)	28.8	7.2		
		A-2-4, SiSa, brn, Wet, Rec. = 1.5 ft	WH-1-2-2 (3)	29.4	15.7	53.4	30.9
10		A-4, SiSa, brn, MTW, Rec. = 0.5 ft	1-1-3-5 (4)	23.2	7.9	47.0	45.1
		A-4, SaSi, brn, MTW, Rec. = 1.2 ft	2-3-4-5 (7)	28.9	14.1	22.6	63.3
		A-4, Si, brn, MTW, Rec. = 1.1 ft	3-3-4-3 (7)	33.2	0.2	8.5	91.3
15		A-4, Si, brn, MTW, Rec. = 1.4 ft	3-2-4-5 (6)	35.0	0.1	2.7	97.2
20		A-4, Si, brn, MTW, Rec. = 1.4 ft	2-2-2-4 (4)	33.9	0.1	5.0	94.9
25		A-4, SaSi, brn, MTW, Rec. = 2.0 ft	2-3-3-4 (6)	31.1		23.8	76.2
		Hole stopped @ 26.0 ft					
30		Remarks: Water table was at 18.0 feet on 03/14/11 with 24.0 feet of Hollow Stem Auger in the ground. Hole collapsed at 3.5 feet when the auger was removed.					

BORING LOG 2 EAST MONTPELIER STP SCRP(9).GPJ VERMONT AOT.GDT 7/7/11

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.