



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

BORING LOG

EAST MONTPELIER
STP SCRIP(9)
VT. 14

Boring No.: B-201

Page No.: 1 of 1

Pin No.: 10B200

Checked By: CEE

Boring Crew: WERNER, WELLS
Date Started: 5/17/11 Date Finished: 5/18/11
VTSPG NAD83: N 637099.80 ft E 1643875.40 ft
Station: _____ Offset: _____
Ground Elevation: _____

Casing Type: WB
I.D.: 4 in
Hammer Wt: N.A.
Hammer Fall: N.A.
Hammer/Rod Type: Auto/AWJ
Rig: CME 45C TRACK
Sampler Type: SS
S.D.: 1.5 in
140 lb.
30 in.
Auto/AWJ
CE = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
05/18/11	14.6	Inside casing.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Groundwater Observations					LL %	PI %
				Moisture Content %	Gravel %	Sand %	Fines %	Notes		
		A-1-b, GrSa, brn, Wet, Rec. = 0.7 ft	3-3-3-3 (6)	20.3	35.3	45.5	19.2			
		Visual Classification, SiSaGr (Mostly Broken Rock), brn, Moist, Rec. = 0.3 ft	2-3-5-3 (8)	5.5						
5		Field Note:, No Recovery, Some gravel	2-2-2-1 (4)							
		Field Note:, No Recovery, Some gravel in sampler	2-2-2-1 (4)							
		A-4, SaSi, gry, Wet, Rec. = 1.1 ft	3-2-2-1 (4)	27.9	2.9	27.6	69.5	30	6	
10		A-4, SaSi, gry, Wet, Rec. = 1.1 ft	2-2-2-3 (4)	26.6	3.7	23.7	72.6	30	6	
		A-4, CiSi, gry, Wet, Rec. = 0.7 ft	2-3-1-2 (4)	28.0	2.6	9.6	87.8	36	10	
		A-6, SiCl with some small roots, gry, Wet, Rec. = 1.5 ft	2-2-2-3 (4)	29.7	5.0	24.0	71.0	34	12	
		A-6, SiCl, gry, Wet, Rec. = 0.5 ft	1-1-2-15 (3)	30.6	17.3	15.6	67.1	36	13	
		Field Note:, Cored into Cobbles & Gravel								
20		A-4, CiSi, gry, Wet, Rec. = 0.6 ft	6-8-6 (14)	15.7	12.8	18.4	68.8	26	9	
		A-4, SaGrSi, gry, Wet, Rec. = 1.3 ft	4-2-9-12 (11)	12.6	30.9	25.9	43.2	19	3	
		A-4, CiSi, gry, Moist, Rec. = 0.8 ft	18-8-6-8 (14)	17.0	13.1	21.2	65.7	28	9	
25		A-6, SiCl, gry, Moist, Rec. = 1.4 ft	5-6-6-8 (12)	26.4	21.5	7.6	70.9	35	11	
		Hole stopped @ 26.0 ft NLTD								
30										

BORING LOG 2 EAST MONTPELIER STP SCRIP(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.