



STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 CONSTRUCTION AND  
 MATERIALS BUREAU  
 CENTRAL LABORATORY

BORING LOG

EAST MONTPELIER  
 BR# 037-1(7)  
 VT-14 BR-68

Boring No.: B-401

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Pin No.: \_\_\_\_\_

Checked By: MRG

Boring Crew: GARROW, NIETO  
 Date Started: 11/18/15 Date Finished: 11/18/15  
 VTSPG NAD83: N 644488.50 ft E 1643254.08 ft  
 Station: 143+65 Offset: -17.30  
 Ground Elevation: 670.8 ft

Type: \_\_\_\_\_  
 I.D.: \_\_\_\_\_  
 Hammer Wt: \_\_\_\_\_  
 Hammer Fall: \_\_\_\_\_  
 Hammer/Rod Type: \_\_\_\_\_  
 Rig: \_\_\_\_\_

Casing H.S.A. Sampler SS  
3 in 1.5 in  
N.A. 140 lb.  
N.A. 30 in.  
Auto/AWJ  
CME 45C SKID C. = Unknown

Groundwater Observations

Date	Depth (ft)	Notes
11/18/15	17.1	W.T. after drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.3		Asphalt Pavement, 0.0 ft - 0.3 ft					
2.5		A-1-b, SiGrSa, brn, Moist, Rec. = 1.1 ft	8-13-12-12 (25)	6.0	33.0	45.0	22.0
		A-1-b, SiSaGr, gry, Moist, Rec. = 1.5 ft, Lab Note: Broken rock was within sample.	9-8-7-6 (15)	8.0	41.8	36.5	21.7
5.0		A-4, GrSaSi, Dk/brn, Moist, Rec. = 1.2 ft, Lab Note: Sample tested non-plastic.	3-4-5-3 (9)	17.3	22.8	31.7	45.5
7.5		A-4, SiSa, gry-brn, Moist, Rec. = 0.8 ft, Lab Note: Wood fibers and pieces of wood were within sample.	1-4-3-2 (7)	25.1	12.8	47.4	39.8
10.0		A-4, GrSaSi, gry, Moist, Rec. = 0.9 ft, Lab Note: A lot of wood fibers were within sample.	2-6-8-8 (14)	18.0	20.6	31.7	47.7
12.5		A-2-4, GrSaSi, gry, Moist, Rec. = 1.1 ft, Lab Note: Wood fibers and pieces of wood were within sample.	13-7-5-6 (12)	13.5	31.9	32.9	35.2
15.0		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	2-3-20-40 (23)	13.6	17.6	27.1	55.3
		A-4, SaSi, gry, Moist, Rec. = 1.5 ft, Lab Note: Wood fibers were within sample.	10-18-28-24 (46)	13.0	14.7	25.2	60.1
17.5		A-4, SaSi, gry, Moist, Rec. = 1.8 ft	13-16-48- R@3.5" (64)	12.0	15.2	21.3	63.5
20.0		A-4, SaGrSi, gry, Moist, Rec. = 0.5 ft	R@6" (R)	12.5	21.3	21.2	57.5
Hole stopped @ 19.5 ft							
Remarks: Hole Collapsed at 9.6 feet.							

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
 2. N Values have not been corrected for hammer energy. C. is the hammer energy correction factor.  
 3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 EAST MONTPELIER BR# 037-1(7).GPJ VERMONT AOT.GDT 12/3/15