



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

BORING LOG

**CABOT-DANVILLE**  
**FEGC-F 028-3(26) C/2**  
**US-2**

Boring No.: **B-302**

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Pin No.: 78d347

Checked By: **ZMH**

Boring Crew: Judkins, Garrow, Coletti  
 Date Started: 5/25/16 Date Finished: 5/26/16  
 VTSPG NAD83: N 685078.87 ft E 1703569.87 ft  
 Station: 62+25 Offset: 43.00  
 Ground Elevation: 1469.9 ft

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

Casing: WB Sampler: SS  
4 in 1.5 in  
N.A. 140 lb.  
N.A. 30 in.  
Auto/AWJ  
Diedrich 25 CE = Unknown

Groundwater Observations

Date	Depth (ft)	Notes
05/26/16	5.3	W.T. before drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5	[Diagonal Hatching]	A-4, SaSi, brn, Moist, Rec. = 1.7 ft, Lab Note: Grass and grass roots were within sample	1-1-3-2 (4)	22.4	11.5	42.0	46.5
		A-4, SaSi, gry, Moist, Rec. = 1.8 ft, Lab Note: A lot of wood fibers and pieces of wood were within sample	2-3-2-2 (5)	29.9	6.9	46.3	46.8
		A-4, SaSi, gry, Moist, Rec. = 1.8 ft	3-3-3-3 (6)	22.4	6.2	43.8	50.0
		Field Note: Rollercone, cleaned out casing A-4, SaSi, gry-brn, Moist, Rec. = 2.0 ft	8-7-5-6 (12)	18.1	7.0	45.3	47.7
10	[Dotted Pattern]	A-2-4, SiSa, gry-brn, Moist, Rec. = 1.1 ft	6-6-7-7 (13)	18.1	10.7	55.1	34.2
		A-2-4, SiSa, brn, Moist, Rec. = 1.3 ft	4-6-7-6 (13)	18.5	8.8	66.5	24.7
15	[Diagonal Hatching]	A-4, SaSi, brn, Moist, Rec. = 1.3 ft	6-8-8-9 (16)	20.4	2.5	45.4	52.1
		A-4, SaSi, gry, Moist, Rec. = 1.2 ft	6-5-7-9 (12)	26.1	0.4	35.6	64.0
		A-4, SaSi, gry, Moist, Rec. = 1.3 ft	5-4-6-9 (10)	27.0	3.4	41.9	54.7
		A-4, SaSi, gry, Moist, Rec. = 1.7 ft	6-8-10-12 (18)	25.9	1.1	45.4	53.5
25	[Diagonal Hatching]	A-4, SiSa, gry, Moist, Rec. = 1.3 ft	8-10-11-14 (21)	22.5	4.7	50.2	45.1
30		Hole stopped @ 27.0 ft					
		Remarks: Hole collapsed at 13.2 feet.					

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
 <<SUB>><<SUB>> 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.