



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

<b>BORING LOG</b>	Boring No.: <u>B-104</u>
	Page No.: <u>1 of 1</u>
CABOT-DANVILLE FEGC-F 028-3(26) C/2 US-2 BR-87	Pin No.: <u>78D347</u>
	Checked By: <u>LAR</u>

Boring Crew: <u>PORTER, RIPLEY</u>	Casing: <u>WB</u>	Sampler: <u>SS</u>	Groundwater Observations		
Date Started: <u>8/02/12</u> Date Finished: <u>8/03/12</u>	Type: <u>WB</u>		Date	Depth (ft)	Notes
VTSPG NAD83: <u>N 681951.60 ft E 1700612.01 ft</u>	I.D.: <u>3 in</u>	<u>1.5 in</u>	<u>08/03/12</u>	<u>6.0</u>	<u>AM</u>
Station: <u>15+40</u> Offset: <u>-32.00</u>	Hammer Wt: <u>N.A.</u>	<u>140 lb.</u>			
Ground Elevation: <u>1428.45 ft</u>	Hammer Fall: <u>N.A.</u>	<u>30 in.</u>			
	Hammer/Rod Type: <u>Auto/AWJ</u>				
	Rig: <u>CME 45C TRACK</u>	<u>CE = 1.34</u>			

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-4, SiSa, gry-brn, Moist, Rec. = 1.3 ft, Chunks of Wood were within sample.	2-1-2-12 (3)	38.0	11.5	50.9	37.6
		A-1-a, SaGr, gry, MTW, Rec. = 1.1 ft, Pieces of Wood & Broken Rock were within sample.	5-7-10- 10 (17)	13.8	65.0	26.0	9.0
10		A-4, SaGrSi, gry, MTW, Rec. = 1.0 ft	12-33- 10- R@5.0" (43)	10.4	30.1	25.1	44.8
		A-4, GrSaSi, gry, Moist, Rec. = 0.9 ft, Broken Rock was within sample.	7-7-3-5 (10)	12.1	25.7	28.1	46.2
		Visual Description:, GrSaSi, gry, MTW, Rec. = 1.4 ft, Material similar as 11-13 ft.	20-12- 21-16 (33)	12.9			
15		A-4, SaSi, gry, MTW, Rec. = 1.8 ft	5-7-6-7 (13)	16.3	9.5	23.3	67.2
		Visual Description:, SaSi, gry, MTW, Rec. = 1.4 ft, Material similar as 15-17 ft.	48-11- 21-18 (32)	13.2			
20		A-4, Si, gry, MTW, Rec. = 1.7 ft	15-20- 18-16 (38)	14.8	15.1	18.8	66.1
25		A-4, Si, gry, MTW, Rec. = 1.9 ft	8-9-11- 14 (20)	25.9	0.5	2.7	96.8
30		A-4, Si, gry, MTW, Rec. = 1.9 ft	9-11-17- 18 (28)	23.2	3.3	4.4	92.3
		Hole stopped @ 30.0 ft					
		Remarks: 1. Very thin layers of clay were noticeable from 23-30 ft.					

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.

BORING LOG 2 CABOT-DANVILLE FEGC-F 028-3(26)C-2.GPJ VERMONT AOT.GDT 9/7/12