



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

**BORING LOG**  
 CABOT-DANVILLE  
 FECC-F 028-3(26) C/2  
 US-2 BR-87

Boring No.: B-102  
 Page No.: 1 of 1  
 Pin No.: 78D347  
 Checked By: LAR

Boring Crew: PORTER, RIPLEY  
 Date Started: 7/31/12 Date Finished: 8/01/12  
 VTSPG NAD83: N 681881.70 ft E 1700529.30 ft  
 Station: 14+60 Offset: 25.00  
 Ground Elevation: 1428.95 ft

Type: WB 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
08/01/12	6.0	AM
08/03/12	11.8	AM

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5		Field Note:, No Recovery	4-4-6-6 (10)						
10		Field Note:, No Recovery, Traces of Wood & Sand.	4-5-4-2 (9)						
		A-2-4, SiSa, gry-brn, MTW, Rec. = 1.2 ft, Wood pieces were within sample.	3-2-2-2 (4)	46.2	0.5	64.0	35.5		
		Field Note:, Boulder							
15		Field Note:, Cobbles							
		A-4, SaSi, gry, MTW, Rec. = 1.2 ft	2-2-2-3 (4)	13.8	16.3	28.6	55.1		
		A-4, SaGrSi, gry, MTW, Rec. = 0.8 ft	9-7-8-13 (15)	12.4	27.0	23.9	49.1		
20		A-2-4, GrSiSa, gry, Moist, Rec. = 0.5 ft	15-R@2.5"	12.3	28.9	36.8	34.3		
		A-4, SaSi, gry, Moist, Rec. = 1.1 ft	11-14-12-12 (26)	12.9	15.2	24.1	60.7		
25		Visual Description:, Si, gry, Moist, Rec. = 1.5 ft, Material similar as 26-28 ft.	8-8-11-12 (19)	20.2					
		A-4, Si, gry, Moist, Rec. = 1.6 ft	6-9-11-11 (20)	25.7		3.2	96.8		
		Visual Description:, Si, gry, Moist, Rec. = 1.3 ft, Material similar as 26-28 ft.	7-6-9-10 (15)	27.3					
30		A-4, Si, gry, Moist, Rec. = 1.4 ft	5-7-10-10 (17)	27.0		1.5	98.5		
		Visual Description:, Si, gry, Moist, Rec. = 1.9 ft, Material similar as 34-36 ft.	7-19-21-21 (40)	25.2					
35		A-4, Si, gry, Moist, Rec. = 2.0 ft	10-12-17-19 (29)	26.7		1.2	98.8	31	3
		Visual Description:, Si, gry, Moist, Rec. = 2.0 ft, Material similar as 34-36 ft.	8-10-12-18 (22)	29.6					
40		A-4, Si, gry, Moist, Rec. = 1.5 ft	9-13-18-28 (31)	30.0		0.4	99.6		
		Hole stopped @ 40.0 ft							

Remarks:  
 1. Very thin layers of clay were noticeable from 26-40 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 FECC-F 028-3(26)C-2.GPJ VERMONT AOT.GDT 9/7/12