



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-301**
 Page No.: **1 of 1**
 Pin No.: **78d347**
 Checked By: **ZMH**

Boring Crew: Judkins, Garrow, Coletti
 Date Started: 5/24/16 Date Finished: 5/24/16
 VTSPG NAD83: N 685007.22 ft E 1703547.22 ft
 Station: 61+50 Offset: 43.00
 Ground Elevation: 1471.1 ft

Casing H.S.A. Sampler SS
 Type: H.S.A. SS
 I.D.: 4 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: Diedrich 25 CE = Unknown

Groundwater Observations		
Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5 5.0 7.5 10.0		A-4, SaSi, brn, Moist, Rec. = 1.9 ft, Lab Note: Wood fibers and pieces of wood were within sample	WH-2-3-7 (5)	25.7	7.1	43.1	49.8
		A-4, SaSi, brn, Moist, Rec. = 1.9 ft	5-5-6-7 (11)	23.1	13.1	33.9	53.0
		A-4, SaSi, brn, Moist, Rec. = 2.0 ft	3-3-4-4 (7)	18.9	7.1	37.7	55.2
		A-4, SaSi, brn-gry, Moist, Rec. = 2.0 ft	2-2-4-7 (6)	20.7	5.9	42.1	52.0
		A-4, SaSi, brn, Moist, Rec. = 1.9 ft	2-4-5-5 (9)	20.2	7.6	39.4	53.0
		A-4, SaSi, brn-gry, Moist, Rec. = 0.8 ft	5-R@3.5" (R)	14.5	14.0	39.5	46.5
12.5		A-4, SiSa, brn, Moist, Rec. = 0.4 ft, Lab Note: Roots and plant material were within sample Hole stopped @ 12.4 ft	R@5" (R)	20.3	16.7	49.9	33.4
15.0		Remarks: Refusal with auger at 12.4 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.