



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

BORING LOG

WATERBURY
 FEGC F013-4(13)
 US-2 ROADWAY

Boring No.: **B-116**

Page No.: 1 of 1

Pin No.: 85B006

Checked By: CEE

Boring Crew: GARROW, HALL, STAAB

Date Started: 9/03/13 Date Finished: 9/03/13

VTSPG NAD83: N 668841.52 ft E 1574181.37 ft

Station: 64+35.1 Offset: -34.00

Ground Elevation: 429.12 ft

Type: H.S.A. SS
 I.D.: 4.25 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 55 TRACK C_s = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
09/03/13	21.6	While drilling.
09/05/13	18.5	From top of well.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5	[Diagonal lines]	A-2-4, GrSiSa, brn, Moist, Rec. = 0.9 ft	[Well Diagram]	2-3-4-2 (7)	9.2	22.3	52.5	25.2
		A-2-4, SiSa, brn, Moist, Rec. = 0.5 ft		WH-WH-1-1 (1)	9.7	19.1	49.1	31.8
		A-4, SiSi, brn, Moist, Rec. = 1.7 ft		1-2-2-2 (4)	13.1	2.6	61.0	36.4
10	[Diagonal lines]	A-2-4, Sa, brn, Moist, Rec. = 1.4 ft	[Well Diagram]	2-1-2-2 (3)	8.0	4.4	77.7	17.9
		A-3, Sa, brn, Moist, Rec. = 1.4 ft		1-1-1-1 (2)	6.5	0.7	89.4	9.9
		A-2-4, SiSa, brn, Moist, Rec. = 1.3 ft		1-2-1-1 (3)	12.6	0.3	74.6	25.1
		A-2-4, Sa, brn, Moist, Rec. = 1.5 ft		1-2-1-5 (3)	8.3	0.7	85.8	13.5
15	[Diagonal lines]	Visual Description: SaGr, brn, Moist, Rec. = 0.2 ft, Material similar as 14-16 ft., Insufficient sample for testing.	[Well Diagram]	3-12-11-13 (23)	3.2	53.4	36.9	9.7
		A-1-a, SaGr, brn, Moist, Rec. = 1.3 ft						
20	[Diagonal lines]	A-1-a, SaGr, brn, Wet, Rec. = 0.8 ft	[Well Diagram]	2-3-2-2 (5)	14.2	58.3	31.1	10.6
25	[Diagonal lines]	A-1-b, SaGr, brn, Wet, Rec. = 0.3 ft	[Well Diagram]	2-3-4-3 (7)	16.4	44.0	41.2	14.8
		A-4, Si, gry, Wet, Rec. = 0.9 ft			28.3	1.1	6.0	92.9
Hole stopped @ 27.0 ft								
30		Remarks: 1. Installed one 1.5 inch Monitoring Well. 2. Well goes to 25.0 feet with 5 feet of screen from 20.0 to 25.0 feet. 3. Top of Well is at ground surface.						

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 WATERBURY FEGC F013-4(13).GPJ VERMONT AOT.GDT 10/24/13