



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

BORING LOG

**Williston-Essex
 STP SGNL(46)
 VT 2A**

Boring No.: **B-114**

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Pin No.: 15t017

Checked By: ZMH

Boring Crew: NIETO, GARROW, COLETTI
 Date Started: 5/18/16 Date Finished: 5/19/16
 VTSPG NAD83: N 733498.54 ft E 1492820.82 ft
 Station: 265+26.00 Offset: -34.70
 Ground Elevation: 485.5 ft

Type: WB
 I.D.: 4 in
 Hammer Wt: N.A.
 Hammer Fall: N.A.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 55 TRACK CE = 1.41

Casing: WB
 Sampler: SS

Groundwater Observations

Date	Depth (ft)	Notes
05/19/16	7.6	W.T before and after

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-2-4, SiSa, brn, Moist, Rec. = 1.6 ft, Lab Note: Grass and grass roots were within sample.	1-2-3-4 (5)	11.5	14.3	63.1	22.6
		A-2-4, SiSa, Lt/brn, Moist, Rec. = 1.8 ft	4-3-3-3 (6)	8.6	4.3	71.9	23.8
		A-4, SiSa, Lt/brn, Moist, Rec. = 1.9 ft	3-6-6-7 (12)	10.5		59.4	40.6
		A-4, SaSi, brn, Moist, Rec. = 1.7 ft	6-7-7-9 (14)	21.3	0.4	24.0	75.6
		A-4, Si, brn, Moist, Rec. = 1.6 ft	5-4-5-6 (9)	27.4		15.9	84.1
10		A-4, Si, brn, Moist, Rec. = 2.0 ft, Lab Note: Sample tested non-plastic. Sample had a very strong smell like sewer.	3-2-2-1 (4)	31.0	0.1	15.2	84.7
15		A-4, Si, brn, MTW, Rec. = 1.7 ft	1-WH-1-2 (1)	33.4		2.9	97.1
20		A-4, Si, brn, MTW, Rec. = 1.8 ft, Lab Note: Sample tested non-plastic.	WH-WH-WH-1 (0)	34.0		3.1	96.9
25		A-4, Si, brn, MTW, Rec. = 1.7 ft	1-1-1-WH (2)	35.9	0.2	3.6	96.2
30		A-4, Si, brn, MTW, Rec. = 1.3 ft	WH-WH-3-4 (3)	28.5		4.0	96.0
35		A-4, Si, brn, MTW, Rec. = 1.4 ft	WH-WH-WH-WH (0)	34.0		3.6	96.4
		Hole stopped @ 37.0 ft					
40		Remarks: Hole collapsed at 34.6 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.

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