



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

BORING LOG

Williston-Essex
STP SGNL(46)
VT 2A

Boring No.: **B-115**

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Pin No.: 15t017

Checked By: ZMH

Boring Crew: GARROW, NIETO

Date Started: 5/19/16 Date Finished: 5/19/16

VTSPG NAD83: N 733445.57 ft E 1492897.74 ft

Station: 265+93.60 Offset: 24.80

Ground Elevation: 487.2 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 Sampler

WB SS

4 in 1.5 in

N.A. 140 lb.

N.A. 30 in.

Auto/AWJ

CME 55 TRACK CE = 1.41

Groundwater Observations

Date	Depth (ft)	Notes
05/19/16	7.7	W.T. after drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-2-4, SiSa, Lt/brn-orange, Moist, Rec. = 1.4 ft, Lab Note: Grass and grass roots were within sample.	WH-WH-1-2 (1)	12.3			
		A-2-4, Sa, Lt/brn-orange, Moist, Rec. = 1.6 ft, Lab Note: Roots were within sample.	1-2-2-2 (4)	7.1		82.1	17.9
10		A-4, SiSa, Lt/brn, Moist, Rec. = 1.9 ft	3-4-4-4 (8)	10.7		69.2	30.8
		A-4, SiSa, Lt/brn, Moist, Rec. = 1.8 ft	5-5-5-5 (10)	11.7		65.1	34.9
		A-4, Si, Lt/brn, Moist, Rec. = 1.4 ft	4-5-6-8 (11)	24.1		11.3	88.7
		A-4, Si, Lt/brn, Moist, Rec. = 1.6 ft	6-3-3-3 (6)	24.4	0.3	13.4	86.3
15		A-4, Si, brn, Moist, Rec. = 1.4 ft	2-WH-1-1 (1)	26.0		9.8	90.2
20		A-4, Si, brn, Moist, Rec. = 1.7 ft, Lab Note: A thin layer of clay was within sample. Sample tested non-plastic.	1-1-WH-WH (1)	48.5		3.7	96.3
25		A-4, Si, brn-gry, Moist, Rec. = 1.0 ft, Lab Note: A small amount of clay was within sample. Sample tested non-plastic.	1-1-WH-WH (1)	35.6		6.9	93.1
		A-4, Si, gry, Moist, Lab Note: A small amount of clay was within sample. Sample tested non-plastic.	1-1-WH-WH (1)	38.9	0.1	0.9	99.0
30		A-4, Si, gry, Moist, Rec. = 1.5 ft, Lab Note: A small amount of clay was within sample. Sample tested non-plastic.	1-1-WH-WH (1)	33.1		2.8	97.2
35		A-4, Si, gry, Moist, Rec. = 1.2 ft, Lab Note: A small amount of clay was within sample. Sample tested non-plastic.	WH-1-2-2 (3)	30.3		5.6	94.4
Hole stopped @ 37.0 ft							
40		Remarks: Hole collapsed at 34.5 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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