



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

BORING LOG

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

Boring No.: **B-115**
Page No.: **1 of 1**
Pin No.: **151017**
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

Casing Type: WB Sampler: 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: CME 55 TRACK CE = 1.41

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

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5	[Diagonal Hatching]	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	[Diagonal Hatching]	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
15	[Diagonal Hatching]	A-4, Si, Lt/brn, Moist, Rec. = 1.6 ft	6-3-3-3 (6)	24.4	0.3	13.4	86.3
		A-4, Si, brn, Moist, Rec. = 1.4 ft	2-WH-1-1 (1)	26.0		9.8	90.2
20	[Diagonal Hatching]	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
		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
25	[Diagonal Hatching]	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
		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
30	[Diagonal Hatching]	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	[Diagonal Hatching]	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
40		Hole stopped @ 37.0 ft					
		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.

2010 COPY 2 WILLISTON-ESSEX STPG SGNL(46) GPJ VERMONT AOT GDT 1/11/17

PROJECT NAME: **WILLISTON-ESSEX**
PROJECT NUMBER: **STPG SGNL(46)**
FILE NAME: t151017rm.dgn PLOT DATE: 3/21/2017
PROJECT LEADER: M. LACROIX DRAWN BY: K. RECORD
DESIGNED BY: K. RECORD CHECKED BY: M. LACROIX
BORING LOG SHEET 8 SHEET 15 OF 66