



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

BORING LOG

Williston-Essex
STP SGNL(46)
VT 2A

Boring No.: B-113
Page No.: 1 of 1
Pin No.: 15t017
Checked By: ZMH

Boring Crew: JUDKINS, GARROW
Date Started: 5/16/16 Date Finished: 5/16/16
VTSPG NAD83: N 733236.44 ft E 1489560.88 ft
Station: 23+31.80 Offset: 31.40
Ground Elevation: 507.3 ft

Type: WB 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	Depth (ft)	Notes
05/16/16	4.0	W.T. taken during

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, SiSaGr, brn, Moist, Rec. = 1.2 ft	4-7-4-4 (11)	8.1	46.8	27.6	25.6
		A-4, SaSi, gry, Moist, Rec. = 1.5 ft	9-9-10-12 (19)	11.2	17.9	37.4	44.7
5		A-4, SaSi, gry-brn, Moist, Rec. = 1.6 ft	11-10-5-7 (15)	12.2	16.5	29.3	54.2
		A-4, SaSi, brn, Moist, Rec. = 1.7 ft	1-12-7-8 (19)	11.9	22.9	39.5	37.6
		Field Note:, Cleaned out casing					
		A-1-b, GrSiSa, brn, Moist, Rec. = 1.0 ft	17-13-21-15 (34)	9.7	37.4	38.3	24.3
10		Field Note:, Cleaned out casing					
		A-1-b, SiGrSa, gry, Moist, Rec. = 0.4 ft	25-R@3.5" (R)	9.0	48.2	30.0	21.8
		Field Note:, Cleaned out casing					
15		A-2-4, SiSaGr, gry, Moist, Rec. = 1.2 ft, Lab Note: Broken rock was within sample.	19-14-12-19 (26)	10.4	44.5	28.1	27.4
		Field Note:, Cleaned out casing					
20		A-2-4, SaSiGr, gry, Moist, Rec. = 1.2 ft, Lab Note: A lot of broken rock was within sample.	17-33-33-R@2" (66)	9.1	44.5	25.9	29.6
		Field Note:, Cleaned out casing					
25		Visual Description:, Broken rock, gry, Moist, Rec. = 0.1 ft, Lab Note: Insufficient sample size for testing.	R@1" (R)				
		Hole stopped @ 25.1 ft					
		Remarks: Hole collapsed at 14.0 feet. 1.) Moved hole due to utilities					

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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