



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

BORING LOG

Williston-Essex
STP SGNL(46)
VT 2A

Boring No.: B-108
Page No.: 1 of 1
Pin No.: 15t017
Checked By: ZMH

Boring Crew: NIETO, GARROW, EMERSON
Date Started: 5/12/16 Date Finished: 5/12/16
VTSPG NAD83: N 732589.46 ft E 1487379.41 ft
Station: 208+40.80 Offset: -55.80
Ground Elevation: 502.3 ft

Casing WB Sampler SS
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 45C TRACK CE = 1.41

Groundwater Observations		
Date	Depth (ft)	Notes
05/12/16	6.1	W.T. after drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5	[Hatched]	A-4, SiSa, brn, Moist, Rec. = 0.9 ft, Lab Note: A lot of grass, grass roots, and some wood fibers were within sample. Field Note:, NXDC, cleaned out casing	3-2-4-4 (6)	24.6	10.6	48.6	40.8
		A-4, SaGrSi, brn-gry, Moist, Rec. = 1.1 ft	3-5-6-7 (11)	13.2	30.3	28.7	41.0
		A-4, SaSi, Lt/brn, Moist, Rec. = 1.7 ft	4-4-6-10 (10)	13.0	17.7	29.6	52.7
		A-4, SaGrSi, Lt/brn-gry, Moist, Rec. = 1.3 ft Field Note:, NXDC, cleaned out casing	8-11-14-22 (25)	10.3	26.8	26.5	46.7
10	[Hatched]	A-4, GrSaSi, Lt/brn-gry, Moist, Rec. = 1.2 ft, Lab Note: Broken rock was within sample. Field Note:, Roller Cone, cleaned out casing	20-24-44-R@2.5" (68)	10.2	29.6	30.4	40.0
		A-4, GrSaSi, Lt/gry-Lt/brn, Moist, Rec. = 0.6 ft	40-30-R@3.5" (R)	10.1	23.2	26.4	50.4
15	[Hatched]	Field Note:, Roller Cone, cleaned out casing					
		A-4, GrSaSi, gray, Moist, Rec. = 0.3 ft	9-R@3.5" (R)	9.7	23.2	28.9	47.9
		Field Note:, NXDC, cleaned out casing					
20	[Dotted]	A-1-b, SiSaGr, Lt/gry-Lt/brn, Moist, Rec. = 0.3 ft	R@5" (R)	10.6	50.8	26.1	23.1
		Field Note:, NXDC, cleaned out casing					
25	[Dotted]	Field Note:, NXDC, cleaned out casing					
		A-1-b, SaGr, Moist, Lab Note: Sample consisted entirely of broken and weathered rock. Hole stopped @ 25.3 ft	R@3.5" (R)	9.2	47.2	39.0	13.8

Remarks:
Hole collapsed at 22.7 feet.

Notes:
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. <<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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