



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

BORING LOG

Bolton
IM 089-2(45)
I-89

Boring No.: **B-112**
Page No.: 1 of 2
Pin No.: 13a090
Checked By: MLM

Boring Crew: HOOK, JUDKINS, NIETO
Date Started: 9/28/15 Date Finished: 9/29/15
VTSPG NAD83: N 685863.56 ft E 1531494.63 ft
Station: 129+04 Offset: 8.70
Ground Elevation: 351.0 ft

Type: Casing 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 45C TRACK C = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
09/29/15	22.4	W.T. During Drilling.
09/29/15	42.6	W.T. After Drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.92 ft					
		A-1-a, SaGr, gry-brn, Moist, Rec. = 1.3 ft	19-36-27-16 (63)	1.8	58.2	30.9	10.9
		A-1-b, SiSaGr, brn-gry, Moist, Rec. = 1.8 ft, Lab Note: Broken rock was within sample. Field Note:; Cleaned out with NXDC	20-26-23-27 (49)	4.0	43.9	35.1	21.0
5		Field Note:; No Recovery.	8-9-9-10 (18)				
		A-4, SaSi, Lt/brn-gry, Moist, Rec. = 0.8 ft	9-5-4-4 (9)	11.8	11.3	40.0	48.7
		Field Note:; Cleaned out with NXDC					
10		A-4, SaSi, Lt/brn, Moist, Rec. = 1.0 ft	4-3-3-4 (6)	17.6	17.9	32.0	50.1
		A-4, GrSaSi, Lt/brn, Moist, Rec. = 0.7 ft	3-3-4-5 (7)	13.0	22.2	38.7	39.1
		A-1-b, GrSa, brn-gry, Moist, Rec. = 0.7 ft, Lab Note: Broken rock was within sample.	7-6-8-9 (14)	13.4	35.9	46.2	17.9
15		Field Note:; Cleaned out with NXDC					
		A-4, SiSa, brn-gry, Moist, Rec. = 0.8 ft	4-4-5-9 (9)	15.3	14.3	45.9	39.8
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.0 ft	9-7-8-21 (15)	11.3	26.8	46.3	26.9
20		A-1-b, SiGrSa, brn-gry, Moist, Rec. = 0.8 ft, Lab Note: Broken rock was within sample.	21-8-9-6 (17)	11.1	38.9	39.8	21.3
		Field Note:; Cleaned out with NXDC					
25		A-2-4, SiGrSa, brn-gry, Moist, Rec. = 0.8 ft, Lab Note: Wood and broken rock was within sample.	28-38-@2.5" (R)	11.7	34.0	35.3	30.7
		Field Note:; Cleaned out with roller cone					
30		A-4, Si, gry, Moist, Rec. = 1.2 ft, Lab Note: A very small amount of clay was within sample. Sample tested non-plastic.	2-2-3-5 (5)	32.3		9.4	90.6
		Field Note:; Cleaned out with roller cone					
35		A-4, Si, gry-brn, Moist, Rec. = 1.3 ft	2-4-7-6 (11)	28.0	7.5	10.2	82.3
		Field Note:; Cleaned out with roller cone					
40		A-2-4, SiGrSa, orange-Lt/brn, Moist, Rec. = 0.9 ft	10-12-16-18 (28)	14.7	26.7	52.0	21.3

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. C 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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		A-1-b, GrSa, blk-Lt/brn, Moist, Rec. = 0.7 ft	10-8-9-8 (17)	15.6	30.6	51.1	18.3
50		Field Note:; Cleaned out with NXDC Field Note:; No Recovery.	11-11-9-9 (20)				
55		Field Note:; Cleaned out with NXDC A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft	12-10-7-7 (17)	13.1	35.2	53.5	11.3
60		A-2-4, Sa, brn, Moist, Rec. = 0.2 ft	12-11-13-13 (24)	14.0	4.6	77.4	18.0
		Hole stopped @ 62.0 ft					
65		Remarks: Hole collapsed at 4.8 feet.					
70							
75							
80							
85							

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