



BORING LOG

Bolton
IM 089-2(45)
I-89

Boring No.: **B-113**
Page No.: **1 of 2**
Pin No.: **13a090**
Checked By: **MLM**

Boring Crew: **HOOK, JUDKINS, NIETO**
Date Started: **10/06/15** Date Finished: **10/07/15**
VTSPG NAD83: **N 685776.23 ft E 1531443.98 ft**
Station: **129+27** Offset: **-89.50**
Ground Elevation: **346.0 ft**

Type: _____
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 C = 1.46**

Groundwater Observations		
Date	Depth (ft)	Notes
10/07/15	24.3	W.T. After Drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/(ft) (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0-1.0		Asphalt Pavement, 0.0 ft - 1.0 ft					
1.0-1.1		A-1-a, SaGr, gry-brn, Moist, Rec. = 1.1 ft, Lab Note: Broken rock was within sample.	20-28-21-14 (49)	4.2	61.3	29.5	9.2
1.1-2.0		A-4, SiSa, brn-gry, Moist, Rec. = 2.0 ft	13-11-11-11 (22)	7.9	16.3	46.7	37.0
2.0-1.7		A-4, SaSi, Lt/brn-gry, Moist, Rec. = 1.7 ft	10-4-6-5 (10)	10.4	16.1	37.2	46.7
1.7-1.4		A-4, SiSa, Lt/brn, Moist, Rec. = 1.4 ft	4-3-2-3 (5)	8.9	12.8	44.2	43.0
1.4-0.3		A-4, SiSa, Lt/brn, Moist, Rec. = 0.3 ft	1-3-1-2 (4)	11.0	5.8	47.7	46.5
0.3-1.1		A-2-4, GrSiSa, brn, Moist, Rec. = 1.1 ft	3-2-1-3 (3)	9.7	29.8	36.9	33.3
1.1-0.9		A-4, SiSa, brn, Moist, Rec. = 0.9 ft	15-10-2-3 (12)	9.9	16.6	46.7	36.7
0.9-2.0		A-4, SaSi, brn, Moist, Rec. = 2.0 ft Field Note: Cleaned out with NXDC.	3-3-3-4 (6)	12.9	10.7	39.0	50.3
2.0-0.7		A-1-b, GrSi, brn, Moist, Rec. = 0.7 ft, Lab Note: Broken rock was within sample.	6-6-13-6 (19)	10.9	60.7	19.2	20.1
0.7-0.8		A-1-b, SiGrSa, brn, Moist, Rec. = 0.8 ft	4-3-3-3 (6)	11.2	32.7	44.5	22.8
0.8-1.3		Field Note: Cleaned out with NXDC.					
1.3-1.3		A-4, SiSa, Lt/brn-Lt/gry, Moist, Rec. = 1.3 ft, Lab Note: Wood fibers and a rusty nail were within sample, removed before testing.	23-22-18-11 (40)	13.7	14.9	49.6	35.5
1.3-1.8		Field Note: Cleaned out with NXDC.					
1.8-1.8		A-4, Si, Dk/gry, Moist, Rec. = 1.8 ft, Lab Note: Sample tested non-plastic.	WH-WH-WH-WH (WH)	36.2	3.8	17.1	79.1
1.8-1.5		A-4, SaSi, gry, Moist, Rec. = 1.5 ft, Lab Note: Sample tested non-plastic.	WH-WH-3-2 (3)	30.5	4.6	23.2	72.2
1.5-0.5		A-4, SiSa, gry, Moist, Rec. = 0.5 ft, Lab Note: Sample tested non-plastic.		27.4	4.4	56.2	39.4

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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0-1.0		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Broken rock was within sample.	6-11-9-9 (20)	13.8	44.4	39.9	15.7
1.0-45		Field Note: Cleaned out with NXDC.					
45-1.0		A-2-4, GrSa, brn, Moist, Rec. = 1.0 ft	10-11-16-21 (27)	13.8	25.4	62.1	12.5
1.0-50		Field Note: Cleaned out with NXDC.					
50-1.0		A-1-b, GrSa, Lt/brn, Moist, Rec. = 1.0 ft	12-11-12-14 (23)	12.0	38.3	51.8	9.9
1.0-55		A-1-b, GrSa, Lt/brn-Lt/gry, Moist, Rec. = 0.8 ft	16-13-14-17 (27)	10.8	40.3	46.2	13.5
55-60		A-1-b, Sa, Lt/gry, Moist, Rec. = 0.6 ft	4-8-9-14 (17)	15.6	5.7	87.5	6.8
60-62		Hole stopped @ 62.0 ft					
62-65		Remarks: Hole Collapsed at 25.3 feet. 1.) Soft drilling 27.0-40.0 feet.					
65-70							
70-75							
75-30							

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BORING LOG - 2 BOLTON IM089-2(45) GP1 VERMONT AOT.GSDT 12/4/15

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