



BORING LOG

Bolton
IM 089-2(45)
I-89

Boring No.: **B-106**
Page No.: **1 of 2**
Pin No.: **13a090**
Checked By: **MLM**

Boring Crew: **HOOK, JUDKINS, NIETO**
Date Started: **10/01/15** Date Finished: **10/06/15**
VTSPG NAD83: **N 685898.57 ft E 1531441.44 ft**
Station: **129+65** Offset: **27.00**
Ground Elevation: **349.6 ft**

Type: **WB**
I.D.: **4 in**
Hammer Wt: **N.A.**
Hammer Fall: **N.A.**
Hammer/Rod Type: **Auto/AWJ**
Rig: **CME 45C TRACK**

Groundwater Observations		
Date	Depth (ft)	Notes
10/02/15	10.4	W.T. before drilling.
10/05/15	36.8	W.T. before drilling.
10/06/15	38.4	W.T. before drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/(N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, SaGr, blk, Moist, Rec. = 0.5 ft, Lab Note: Broken rock was within sample.				1-1-3-3 (4)	8.5	48.2	41.1	10.7
		A-1-a, Gr, gry, Moist, Rec. = 0.3 ft, Lab Note: Broken rock was within sample.				2-3-5-11 (8)	4.8	72.8	18.8	8.4
		A-1-a, Gr, gry-brn, Moist, Rec. = 1.0 ft, Lab Note: Broken rock was within sample.				6-9-8-11 (17)	1.6	78.5	14.6	6.9
		A-2-4, SiGrSa, brn-gry, Moist, Rec. = 1.5 ft, Lab Note: Broken rock was within sample.				4-14-7-8 (21)	9.5	35.4	35.5	29.1
		A-2-4, GrSiSa, brn-gry, Moist, Rec. = 1.9 ft				12-12-12-13 (24)	9.2	22.7	47.2	30.1
10		Field Note: Cleaned out with NXDC				14-14-13-14 (27)	8.0	31.3	38.8	29.9
		A-2-4, SiGrSa, brn-gry, Moist, Rec. = 2.0 ft, Lab Note: Broken rock was within sample.				14-13-16-19 (29)	12.5	19.5	36.8	43.7
		A-4, SaSi, brn-gry, Moist, Rec. = 1.2 ft				13-11-14-16 (25)	17.3	13.5	21.3	65.2
		A-4, SaSi, Lt/brn-gry, Moist, Rec. = 1.7 ft				4-5-7-5 (12)	15.2	26.9	36.6	36.5
		Field Note: Cleaned out with NXDC				6-5-4-6 (9)	14.9	20.0	40.2	39.8
15		A-4, GrSiSa, Lt/brn, Moist, Rec. = 0.3 ft, Lab Note: Brown broken glass was within sample.				30-32-R@5" (R)	11.6	34.2	31.4	34.4
		A-4, SiSa, Lt/brn, Moist, Rec. = 0.8 ft				23-8-7-5 (15)	21.1	10.2	33.6	56.2
		Field Note: Cleaned out with NXDC								
		A-4, SaSi, Lt/brn, Moist, Rec. = 1.0 ft								
		Field Note: No Recovery.								
20		Field Note: No Recovery.				14-15-15-16 (30)				
		Field Note: No Recovery.								
		Field Note: No Recovery.								
		Field Note: No Recovery.								
		Field Note: No Recovery.								
25		A-1-a, SaGr, brn, Moist, Rec. = 1.0 ft, Lab Note: Sample had a very rusty color when washing.				14-7-9-19 (16)	9.7	56.5	32.0	11.5
		Field Note: No Recovery.								
		Field Note: No Recovery.								
		Field Note: No Recovery.								
		Field Note: No Recovery.								
30		A-1-b, GrSa, brn, Moist, Rec. = 0.7 ft				9-6-7-6 (13)	15.1	27.1	64.6	8.3
		Field Note: No Recovery.								
		Field Note: No Recovery.								
		Field Note: No Recovery.								
		Field Note: No Recovery.								
35		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft				18-36-39-R@2.5" (75)	13.9	38.9	49.8	11.3
		Field Note: No Recovery.								
		Field Note: No Recovery.								
		Field Note: No Recovery.								
		Field Note: No Recovery.								
40		Field Note: Cleaned out with NXDC								
		Field Note: Cleaned out with NXDC								
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45		Field Note: Cleaned out with NXDC								
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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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											C = 1.34
55		A-2-4, SiGrSa, Lt/brn, Moist, Rec. = 0.8 ft, Lab Note: Broken rock was within sample.				27-26-23-24 (49)	14.5	24.1	54.7	21.2	
		Field Note: Cleaned out with NXDC									
		Field Note: No Recovery.					15-12-11-13 (23)				
		Field Note: No Recovery.									
		Field Note: No Recovery.									
60		Field Note: No Recovery., Appears to be sand.				21-20-21-20 (41)					
		Field Note: No Recovery.									
		Field Note: No Recovery.									
		Field Note: No Recovery.									
		Field Note: No Recovery.									
65		Field Note: No Recovery.				18-13-15-17 (28)					
		Field Note: No Recovery.									
		Field Note: No Recovery.									
		Field Note: No Recovery.									
		Field Note: No Recovery.									
70		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft				15-14-13-13 (27)	10.5	69.7	21.4	8.9	
		Field Note: No Recovery.									
		Field Note: No Recovery.									
		Field Note: No Recovery.									
		Field Note: No Recovery.									
75		Field Note: Cleaned out with NXDC				R@5"	17.9	7.5	60.1	32.4	
		Field Note: Cleaned out with NXDC									
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80		A-2-4, SiSa, brn, Moist, Rec. = 0.4 ft	1	100	3	Top of Bedrock @ 76.1 ft					
		76.1 ft - 81.1 ft, Light gray to dark gray, Biotite-muscovite-quartz SCHIST, with few pyrite porphyroblasts. Faint brown staining on joints. Hard. Very slightly weathered, Fair rock, NX, RMR=57	(75-80)	(52)	3						
		81.1 ft - 86.1 ft, Dark gray, Biotite-muscovite-quartz SCHIST, Vertical fracture at 82.9-84.1 feet. Light brown and orange staining on joints. Hard, Slightly weathered, Fair rock, NX, RMR=49	2	100	3						
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85		Hole stopped @ 86.1 ft									
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90		Remarks: Hole collapsed at 16.8 feet.									
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95		Remarks: Hole collapsed at 16.8 feet.									
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