



BORING LOG

CAMBRIDGE  
BRO 1448(39)  
TH-46 BR-28

Boring No.: B-102  
Page No.: 1 of 2  
Pin No.: 12J166  
Checked By:

Boring Crew: GARROW, DAIGNEAULT, WHITLOCK  
Date Started: 2/04/13 Date Finished: 2/21/13  
VTSPG NAD83: N 761519.87 ft E 1545223.83 ft  
Station: 23+50 Offset: 15.00  
Ground Elevation: 649.19 ft

Casing Type: WB I.D.: 4 in  
Sampler Type: SS I.D.: 1.5 in  
Groundwater Observations Date: 02/06/13 Depth (ft): 7.9 AM  
Notes: 02/14/13 6.3 AM  
02/21/13 4.3 AM  
Hammer Wt: N.A. 140 lb.  
Hammer Fall: N.A. 30 in.  
Hammer/Rod Type: Auto/AWJ  
Rig: CME 55 TRACK CE = 1.46

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
10	[Pattern]	A-1-b, SaGr, gry, Moist, Rec. = 1.2 ft, Broken Rocks were within sample.				7-31-27-22 (58)	8.2	47.0	37.9	15.1		
		A-1-b, SiSaGr, gry, Moist, Rec. = 0.6 ft, Roots & Broken Rock were within sample.				10-3-20-9 (23)	19.2	51.1	27.5	21.4		
		Field Note: NXDC, GrSa										
20	[Pattern]	A-1-b, SiSaGr, brn, Moist, Rec. = 0.5 ft, Broken Rocks were within sample.				2-4-7-5 (11)	14.0	48.8	30.3	20.9		
		Field Note: No Recovery				4-3-3-6 (6)						
		Field Note: NXDC, SaSi										
30	[Pattern]	A-4, Si, gry, MTW, Rec. = 0.9 ft				1-2-3-3 (5)	32.1	0.6	12.1	87.3		
		A-6, SiCl, gry, MTW, Rec. = 1.4 ft				2-2-2-3 (4)	40.6		3.7	96.3	32	13
		A-6, SiCl, gry, Moist, Rec. = 0.7 ft, No N-Value data.					39.6	0.6	99.4	35	11	
40	[Pattern]	A-4, Si, gry, Moist, Rec. = 1.5 ft				WH-2-2-3 (4)	33.9		12.0	88.0		
		A-6, SiCl, gry, Moist, Rec. = 2.0 ft				2-WH-WH-WH (WH)	33.9		1.8	98.2	35	11
		A-4, SaSi, gry, Moist, Rec. = 1.1 ft				2-4-5-7 (9)	30.9		26.8	73.2	25	6
50	[Pattern]	A-4, Si, gry, Moist, Rec. = 1.4 ft				1-2-4-5 (6)	33.0		11.4	88.6		
		A-4, SaSi, gry, Moist, Rec. = 1.0 ft				1-3-6-10 (9)	29.6		24.6	75.4		
		A-4, Si, gry, Moist, Rec. = 0.7 ft				2-5-5-4 (10)	33.4		16.7	83.3		

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.  
2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.  
3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.



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70	[Pattern]	A-4, Si, gry, Moist, Rec. = 0.5 ft				1-1-WH-WH (1)	33.5		1.8	98.2	29	2
		A-4, Si, gry, Moist, Rec. = 1.2 ft				3-4-4-3 (8)	30.4		9.8	90.2	24	2
		A-4, SaSi, gry, Moist, Rec. = 1.2 ft				1-1-4-4 (5)	24.2		27.4	72.6		
80	[Pattern]	A-4, SaSi, gry, Moist, Rec. = 1.4 ft				2-3-4-1 (7)	26.8		24.0	76.0		
		Field Note: Cleaned out casing. Appears to be Gr Sa										
		A-1-b, SiGrSa, gry, Moist, Rec. = 0.3 ft					7-2-3-5 (5)	9.8		35.7	39.2	25.1
100	[Pattern]	Field Note: Cleaned out casing. Appears to be Gravel										
		A-2-4, GrSiSa, gry, Moist, Rec. = 0.7 ft				31-R (R)	9.6		29.4	37.5	33.1	
		102.0 ft - 107.0 ft, Silvery-green, Phyllite, Moderately soft, Moderately weathered, Poor rock, NXMDC, RMR = 25	1 (80)	54 (0)	6 6 5 6 5							Top of Bedrock @ 102.0 ft
110	[Pattern]	107.0 ft - 112.0 ft, Silvery-green, Phyllite, Moderately soft, Slightly weathered, Poor rock, NXMDC, RMR = 25	2 (80)	94 (10)	6 6 7 6 7							
		Hole stopped @ 112.0 ft										

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BORING LOG 2 CAMBRIDGE BRO 1448(39).GPJ VERMONT.AOT.GDT 3/12/13

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