

VTTrans Working to Get You There Vermont Agency of Transportation		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-101		
				COLCHESTER HES 028-1(28) US-2 ROADWAY		Page No.: 1 of 1		
						Pin No.: 13B028		
						Checked By: LAR		
Boring Crew: SALISBURY, JUDKINS		Type: WB SS		Groundwater Observations				
Date Started: 6/13/13 Date Finished: 6/13/13		I.D.: 4 in 1.5 in		Date	Depth (ft)	Notes		
VTSPG NAD83: N 766112.10 ft E 1457765.82 ft		Hammer Wt: N.A. 140 lb.		06/13/13	6.6	While drilling.		
Station: 17+00 Offset: -25.00		Hammer Fall: N.A. 30 in.		06/13/13	10.8	30 min. later		
Ground Elevation: 186.54 ft		Hammer/Rod Type: Auto/AWJ						
		Rig: CME 55 TRACK C _r = 1.46						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0		Visual Description: Topsoil with Gravely Sand, Dk/brn, Moist, Rec. = 0.4 ft		1-8-11-10 (19)	19.0			
0.4		A-1-b, GrSa, brn, Moist, Rec. = 1.4 ft, Broken Rock was within sample.		18-16-13-11 (29)	5.8	26.5	66.0	7.5
1.8		A-2-4, SiSa, brn, Moist, Rec. = 1.1 ft		7-7-6-7 (13)	16.0	16.3	51.6	32.1
2.9		A-2-4, Sa, brn, Moist, Rec. = 1.1 ft		3-6-5-6 (11)	18.4	0.7	82.8	16.5
4.0		A-4, SiSa, brn, Moist, Rec. = 0.7 ft, Broken Rock was within sample.		2-4-3-4 (7)	23.9	12.7	46.6	40.7
4.7		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft		3-3-6-9 (9)	18.4	8.0	60.0	32.0
5.9								
7.0		A-3, Sa, brn, MTW, Rec. = 0.7 ft		3-2-3-1 (5)	24.7	0.4	90.5	9.1
7.7								
8.4		A-3, Sa, brn, MTW, Rec. = 1.1 ft		7-9-9-8 (18)	18.2	2.5	88.2	9.3
9.5								
10.6		A-2-4, Sa, brn, MTW, Rec. = 1.0 ft, Broken Rock was within sample.		1-2-6-4 (8)	24.8	2.7	81.4	15.9
11.6								
12.6		A-4, SiSa, gry, Wet, Rec. = 0.5 ft		4-4-4-4 (8)	23.9	0.8	55.2	44.0
13.1								
13.6		A-4, SaSi, gry, Wet, Rec. = 1.2 ft		3-4-3-4 (7)	25.0	0.1	30.6	69.3
14.8								
16.0		A-4, Si, gry, Wet, Rec. = 1.1 ft		2-5-5-5 (10)	26.0		16.8	83.2
17.1								
18.3	Hole stopped @ 42.0 ft							
45	Remarks: Hole collapsed at 18.3 ft.							
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.								

BORING LOG 2 COLCHESTER HES 028-1(28).GPJ VERMONT AOT.GDT 7/8/13

VTTrans Working to Get You There Vermont Agency of Transportation		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-102		
				COLCHESTER HES 028-1(28) US-2 ROADWAY		Page No.: 1 of 1		
						Pin No.: 13B028		
						Checked By: LAR		
Boring Crew: JUDKINS, GARROW		Type: WB SS		Groundwater Observations				
Date Started: 6/19/13 Date Finished: 6/19/13		I.D.: 4 in 1.5 in		Date	Depth (ft)	Notes		
VTSPG NAD83: N 765942.03 ft E 1457886.96 ft		Hammer Wt: N.A. 140 lb.		06/19/13	15.0	While drilling.		
Station: 19+00 Offset: 35.00		Hammer Fall: N.A. 30 in.						
Ground Elevation: 186.96 ft		Hammer/Rod Type: Auto/AWJ						
		Rig: CME 55 TRACK C _r = 1.46						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0		Visual Description: Topsoil with sand, brn, Moist, Rec. = 1.2 ft		1-2-4-6 (6)	13.1			
1.2		A-2-4, Sa, brn, Moist, Rec. = 1.9 ft		5-8-9-10 (17)	8.0	3.7	83.2	13.1
3.1		A-3, Sa, brn, Moist, Rec. = 1.1 ft		6-6-6-6 (12)	13.3	8.6	83.7	7.7
4.2		A-3, Sa, brn, MTW, Rec. = 1.0 ft		3-3-4-3 (7)	19.5	2.0	94.0	4.0
5.2		Field Note: No Recovery		WH-7-7-9 (14)				
6.2		A-3, Sa, brn, MTW, Rec. = 1.2 ft		5-7-6-7 (13)	21.4		92.3	7.7
7.4								
8.6		A-4, SaSi, gry, Wet, Rec. = 1.0 ft		1-1-1-1 (2)	30.7		38.1	61.9
9.6								
10.6		A-4, SiSa, gry, Wet, Rec. = 1.4 ft		4-5-4-5 (9)	24.6		64.4	35.6
12.0								
13.4		A-3, Sa, gry, Wet, Rec. = 1.0 ft		11-7-10-WH (17)	22.6		92.6	7.4
14.4								
15.4		A-3, Sa, gry, MTW, Rec. = 1.2 ft		4-3-4-8 (7)	28.3	0.2	91.4	8.4
16.6								
18.0		A-4, SiSa, gry, MTW, Rec. = 1.5 ft		5-6-8-10 (14)	25.8		61.2	38.8
19.5								
21.0		A-2-4, SiSa, gry, MTW, Rec. = 1.7 ft		4-5-5-8 (10)	26.1		77.4	22.6
22.7								
42.0	Hole stopped @ 42.0 ft							
45	Remarks: Hole collapsed at 27.6 ft.							
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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PROJECT NAME:	COLCHESTER
PROJECT NUMBER:	HES 028-1(28)
FILE NAME:	t13b028frm.dgn
PROJECT LEADER:	P. COBURN
DESIGNED BY:	M. BOGACZYK
BORING LOG SHEET 1	
PLOT DATE:	11/23/2015
DRAWN BY:	M. BOGACZYK
CHECKED BY:	M. LACROIX
SHEET 18 OF 91	