

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-103			
				COLCHESTER HES 028-1(28) US-2 ROADWAY		Page No.: 1 of 1			
						Pin No.: 13B028			
						Checked By: LAR			
Boring Crew: JUDKINS, HALL		Casing: WB		Sampler: SS		Groundwater Observations			
Date Started: 6/12/13 Date Finished: 6/12/13		I.D.: 4 in 1.5 in		Date		Depth (ft)			
VTSPG NAD83: N 765866.72 ft E 1458081.71 ft		Hammer Wt: N.A. 140 lb.		06/12/13		12.0			
Station: 21+00 Offset: -25.00		Hammer Fall: N.A. 30 in.		06/13/13		No water present.			
Ground Elevation: 188.57 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		A-2-4, Sa, brn, Moist, Rec. = 1.1 ft		1-1-1-3 (2)	14.4	9.6	76.6	13.8	
5		A-3, Sa, brn, Moist, Rec. = 1.7 ft		3-6-7-8 (13)	9.3	2.1	91.0	6.9	
		A-3, Sa, brn, Moist, Rec. = 1.1 ft		3-5-4-5 (9)	14.7	9.9	84.4	5.7	
		A-3, Sa, brn, MTW, Rec. = 1.0 ft		2-3-3-4 (6)	23.0	2.0	94.3	3.7	
		A-3, Sa, brn, Moist, Rec. = 1.1 ft		1-4-6-8 (10)	19.8	3.8	91.2	5.0	
10		A-3, Sa, brn, Moist, Rec. = 1.3 ft, Lost water return at 10.0 ft.		2-3-4-5 (7)	23.5	0.1	97.0	2.9	
15		A-2-4, Sa, brn, Moist, Rec. = 0.9 ft		3-2-3-2 (5)	25.3		84.1	15.9	
20		A-4, SiSa, brn, Moist, Rec. = 1.1 ft		1-2-2-1 (4)	26.8		60.5	39.5	
25		A-2-4, SiSa, brn, Moist, Rec. = 0.8 ft		1-2-3-3 (5)	25.7		69.5	30.5	
30		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft		3-4-4-4 (8)	25.8		68.0	32.0	
35		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft		3-3-4-2 (7)	25.2		67.5	32.5	
40		A-4, Si, brn, Moist, Rec. = 1.7 ft		2-1-2-3 (3)	27.9	0.5	19.2	80.3	
		Hole stopped @ 42.0 ft							
		Remarks: Hole collapsed at 16.6 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.	

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-104			
				COLCHESTER HES 028-1(28) US-2 ROADWAY		Page No.: 1 of 1			
						Pin No.: 13B028			
						Checked By: LAR			
Boring Crew: GARROW, JUDKINS		Casing: WB		Sampler: SS		Groundwater Observations			
Date Started: 6/06/13 Date Finished: 6/10/13		I.D.: 4 in 1.5 in		Date		Depth (ft)			
VTSPG NAD83: N 765777.69 ft E 1458198.33 ft		Hammer Wt: N.A. 140 lb.		06/10/13		9.6			
Station: 22+47 Offset: -25.00		Hammer Fall: N.A. 30 in.							
Ground Elevation: 189.94 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 wit Silty Sand, Dk/brn, Moist, Rec. = 0.5 ft		1-5-9-8 (14)	15.6				
		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft		5-5	5.5	35.6	53.6	10.8	
		A-2-4, Sa, brn, Moist, Rec. = 1.8 ft		5-9-8-8 (17)	8.0	3.6	79.9	16.5	
5		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft		5-6-4-5 (10)	14.8	1.8	76.5	21.7	
		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft		5-5-4-4 (9)	17.2	13.7	53.9	32.4	
		A-2-4, SiSa, brn, Moist, Rec. = 1.0 ft		2-4-3-4 (7)	21.7		73.3	26.7	
10		A-4, Si, brn, Moist, Rec. = 1.2 ft		3-4-4-5 (8)	28.9		7.3	92.7	
15		A-4, Si, brn, MTW, Rec. = 0.7 ft		1-3-2-2 (5)	28.1	0.4	7.0	92.6	
20		A-4, SaSi, brn, Wet, Rec. = 1.2 ft		1-3-1-2 (4)	26.4		21.1	78.9	
25		A-4, Si, brn, MTW, Rec. = 0.7 ft		WR-3-2-1 (5)	26.3	0.3	9.6	90.1	
30		A-4, Si, brn, Wet, Rec. = 1.0 ft		1-2-2-1 (4)	27.9	0.7	19.9	79.4	
35		A-4, Si, brn-gry, Wet, Rec. = 1.5 ft, Lab Note: A very thin layer of clay was noticeable.		1-2-1-2 (3)	26.8		2.9	97.1	
40		A-4, Si, gry, Wet, Rec. = 1.3 ft		3-2-1-2 (3)	26.3		13.0	87.0	
		Hole stopped @ 42.0 ft							
		Remarks: Hole collapsed at 12.9 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 2	
PLOT DATE:	11/23/2015
DRAWN BY:	M. BOGACZYK
CHECKED BY:	M. LACROIX
SHEET 19 OF 91	