

VT Trans 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-107				
				COLCHESTER HES 028-1(28) US-2 ROADWAY		Page No.: 1 of 1				
						Pin No.: 13B028				
						Checked By: LAR				
Boring Crew: SALISBURY, JUDKINS		Casing: WB		Sampler: SS		Groundwater Observations				
Date Started: 6/17/13 Date Finished: 6/18/13		I.D.: 4 in 1.5 in		Date		Depth (ft)				
VTSPG NAD83: N 765549.75 ft E 1458405.47 ft		Hammer Wt: N.A. 140 lb.				Notes				
Station: 25+50 Offset: 30.00		Hammer Fall: N.A. 30 in.				No water showing.				
Ground Elevation: 196.5 ft		Hammer/Rod Type: Auto/AWJ								
		Rig: CME 55 TRACK		C _r = 1.46						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RCD %)	Drill Rate minutes/ft	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5		A-2-4, GrSa, brn, Moist, Rec. = 1.5 ft				1-1-4-10 (5)	13.6	25.2	60.2	14.6
2.5		Visual Description: Broken Rock, pink, Moist, Rec. = 1.1 ft, Material similar as 4-6 ft.				27-20-17-18 (37)	2.2			
5.0		Lab Note, Broken Rock, pink, Moist, Rec. = 0.5 ft				11-16-20-22 (36)	6.3	68.6	23.7	7.7
7.5		Visual Description: Broken Rock, pink-gry, MTW, Rec. = 1.1 ft, Material similar as 4-6 ft.				10-13-16-21 (29)	5.2			
8.0		8.0 ft - 12.0 ft, Pink-mottled, Dolomite, Moderately hard, Unweathered, Fair rock, BXMDC, RMR = 47	1 (0)	43 (0)	2					
10.0										
12.5		12.0 ft - 17.0 ft, Light gray, Dolomite, Moderately hard, Unweathered, Fair rock, BXGDC, RMR = 57	2 (0)	92 (60)	2					
15.0										
17.5		Hole stopped @ 17.0 ft								
Remarks: Hole collapsed at 8.6 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 _r 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

VT Trans 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-108				
				COLCHESTER HES 028-1(28) US-2 ROADWAY		Page No.: 1 of 1				
						Pin No.: 13B028				
						Checked By: LAR				
Boring Crew: GARROW, JUDKINS, HALL		Casing: WB		Sampler: SS		Groundwater Observations				
Date Started: 6/03/13 Date Finished: 6/04/13		I.D.: 4 in 1.5 in		Date		Depth (ft)				
VTSPG NAD83: N 765536.36 ft E 1458521.32 ft		Hammer Wt: N.A. 140 lb.				Notes				
Station: 26+50 Offset: -30.00		Hammer Fall: N.A. 30 in.				06/03/13 7.4 While drilling.				
Ground Elevation: 201.13 ft		Hammer/Rod Type: Auto/AWJ								
		Rig: CME 55 TRACK		C _r = 1.46						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RCD %)	Drill Rate minutes/ft	Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.4		Visual Description: Topsoil with Gravely Sand, Dk/brn, Moist, Rec. = 0.4 ft				1-4-13-8 (17)	15.8			
0.3		Visual Description: Sand with Broken Rock, brn, Moist, Rec. = 0.3 ft					8.2			
2.5		A-1-a, Gr, pink-gry, Moist, Rec. = 1.3 ft, Lots of Broken Rock was within sample.				8-24-46-R@4.5" (70)	1.2	75.2	18.9	5.9
5.0		A-1-a, Gr, pink-gry, Moist, Rec. = 0.9 ft, Lots of Broken Rock was within sample.				22-17-R@5.0" (R)	4.6	76.7	17.8	5.5
7.5		A-1-a, Gr, pink-gry, Moist, Rec. = 1.0 ft, Lots of Broken Rock was within sample.				30-22-R@5.0" (R)	6.5	74.1	19.6	6.3
8.2		8.2 ft - 13.2 ft, Pink-mottled, And light gray Dolomite, Moderately hard, Unweathered, Fair rock, BXGDC, RMR = 47	1 (0)	80 (18)	5					
10.0										
12.5										
15.0										
17.5										
18.2		Hole stopped @ 18.2 ft								
Remarks: Hole collapsed at 7.0 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 _r 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 4	
PLOT DATE:	11/23/2015
DRAWN BY:	M. BOGACZYK
CHECKED BY:	M. LACROIX
SHEET	21 OF 91