

VTTrans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-103			
				FERRISBURGH NHG SGNL(42) US-7		Page No.: 1 of 1			
						Pin No.: 13B016			
						Checked By: MLM			
Boring Crew: SALISBURY, DAIGNEAULT, JUDKINS		Casing: WB		Sampler: SS		Groundwater Observations			
Date Started: 5/01/13 Date Finished: 5/01/13		I.D.: 4 in 1.5 in		Date: 05/01/13		Depth (ft): 3.2			
VTSPG NAD83: N 622547.38 ft E 1444768.18 ft		Hammer Wt: N.A. 140 lb.		Notes: After drilling.					
Station: 164+50 Offset: 33.00		Hammer Fall: N.A. 30 in.							
Ground Elevation: 225.0 ft		Hammer/Rod Type: Auto/AWJ							
		Rig: CME 55 TRACK		C _s = 1.46					
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
5		A-1-b, SaGr, Dk/brn, Moist, Rec. = 0.9 ft		6-8-5-3 (13)	7.8	43.3	40.5	16.2	
		A-1-b, SiGrSa, Dk/brn, Moist, Rec. = 0.3 ft		2-3-7-9 (10)	8.7	37.1	37.9	25.0	
		A-4, GrSaSi, brn, Moist, Rec. = 0.3 ft			9.9	28.3	33.4	38.3	
		A-4, GrSiSa, brn, Moist, Rec. = 1.4 ft		14-27-26-22 (53)	10.3	27.6	36.3	36.1	
10		A-4, GrSiSa, brn, Moist, Rec. = 1.6 ft		27-30-38-R@1.0" (68)	9.7	20.6	42.6	36.8	
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.2 ft		21-30-R@5.0" (R)	9.9	24.1	41.9	34.0	
		A-2-4, GrSiSa, brn, Moist, Rec. = 0.8 ft, Lab Note: Some Broken Rock was within sample.		38-R@3.5" (R)	9.4	24.0	41.6	34.4	
		A-2-4, GrSiSa, gry, Moist, Rec. = 0.8 ft		25-48-R@2.5" (R)	9.3	26.0	43.0	31.0	
15		A-4, SaSi, gry, Moist, Rec. = 1.0 ft		30-49-R@3.5" (R)	10.6	17.2	37.9	44.9	
20		A-2-4, SiGrSa, gry, Moist, Rec. = 0.8 ft		45-R@5.0" (R)	8.4	28.4	43.7	27.9	
25		A-2-4, SiSa, gry, Moist, Rec. = 1.2 ft		21-38-R@2.5" (R)	12.3	7.0	57.6	35.4	
		Hole stopped @ 26.2 ft							
Remarks: Hole collapsed at 19.5 feet when casing was removed.									
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 FERRISBURGH NHG SGNL(42).GPJ VERMONT AOT.GDT 5/23/13

VTTrans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-104			
				FERRISBURGH NHG SGNL(42) US-7		Page No.: 1 of 1			
						Pin No.: 13B016			
						Checked By: MLM			
Boring Crew: SALISBURY, DAIGNEAULT, JUDKINS		Casing: WB		Sampler: SS		Groundwater Observations			
Date Started: 5/03/13 Date Finished: 5/03/13		I.D.: 4 in 1.5 in		Date: 05/03/13		Depth (ft): 3.0			
VTSPG NAD83: N 622627.95 ft E 1444795.78 ft		Hammer Wt: N.A. 140 lb.		Notes: While drilling.					
Station: 165+34 Offset: 38.00		Hammer Fall: N.A. 30 in.							
Ground Elevation: 229.0 ft		Hammer/Rod Type: Auto/AWJ		Date: 05/03/13		Depth (ft): 5.1			
		Rig: CME 55 TRACK		C _s = 1.46		Notes: Casing removed.			
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
5		A-2-4, SiGrSa, Dk/brn, Moist, Rec. = 1.2 ft		2-2-2-2 (4)	10.1	24.8	51.7	23.5	
		A-4, GrSiSa, brn-rust, Wet, Rec. = 1.4 ft		1-1-1-3 (2)	17.6	21.4	40.5	38.1	
		A-2-4, GrSiSa, Lt/brn, MTW, Rec. = 1.5 ft, Lab Note: A little Broken Rock was within sample.		7-16-22-29 (38)	10.2	29.7	35.9	34.4	
		A-4, GrSiSa, Lt/brn, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.		17-31-39-R@1.0" (70)	9.6	20.6	42.0	37.4	
10		A-2-4, SiGrSa, Lt/brn, Moist, Rec. = 0.8 ft		39-R@5.0" (R)	9.1	33.3	34.7	32.0	
		A-2-4, GrSiSa, Lt/brn, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.		R@5.0" (R)	8.6	29.3	36.6	34.1	
15		A-2-4, GrSiSa, Dk/brn, Moist, Rec. = 0.3 ft		R@3.5" (R)	9.6	24.1	42.2	33.7	
20		A-2-4, Sa, gry, Moist, Rec. = 1.0 ft		42-47-R@1.0" (R)	11.8	13.2	72.1	14.7	
25		A-4, SaSi (HP), Dk/gry, Wet, Rec. = 1.1 ft, Lab Note: A thin layer of Clay was noticeable.		36-42-R@2.5" (R)	12.2	4.7	35.0	60.3	
		Hole stopped @ 26.2 ft							
Remarks: Hole collapsed at 21.5 feet when casing was removed.									
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:	FERRISBURGH
PROJECT NUMBER:	NHG SGNL(42)
FILE NAME:	+13b016frm.dgn
PROJECT LEADER:	I. DEGUTIS
DESIGNED BY:	I. DEGUTIS
BORING LOG SHEET 2	PLOT DATE: 3/2/2016 DRAWN BY: I. DEGUTIS CHECKED BY: P. COBURN SHEET 8 OF 22