

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: <b>B-101</b>		
		<b>WARDSBORO</b>		Page No.: 1 of 1		Pin No.: 13B072		
		<b>BF 013-1(21)</b>		Checked By: TDE		<b>VT-100 BR-70</b>		
Boring Crew: DAIGNEAULT, JUDKINS, HOOK		Type: WB	Sampler: SS	Groundwater Observations				
Date Started: 12/06/13	Date Finished: 12/06/13	I.D.: 4 in	1.5 in	Date	Depth (ft)	Notes		
VTSPG NAD83: N 193304.08 ft E 1550611.56 ft		Hammer Wt: N.A.	140 lb.	12/06/13	5.9	While drilling.		
Station: 175+24.2	Offset: -16.60	Hammer Fall: N.A.	30 in.					
Ground Elevation: 1291.0 ft		Hammer/Rod Type: Auto/AWJ						
		Rig: CME 55 TRACK	C <sub>e</sub> = 1.46					
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-a, SaGr, Dk/bm, Moist, Rec. = 1.0 ft, Lab Note: Lots of Broken Rock was within sample.		7-8-5-16 (13)	9.3	58.4	31.5	10.1
		A-1-a, SaGr, bm, Moist, Rec. = 0.8 ft, Lab Note: Lots of Broken Rock was within sample. Cleaned out casing with roller cone.		8-7-9-10 (16)	4.4	55.9	34.4	9.7
5		A-1-b, GrSa, bm, MTW, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.		4-3-12-14 (15)	11.6	38.9	51.8	9.3
		No Recovery, 6.0 ft - 6.2 ft Field Note: NXDC, Cleaned out casing		R@2.5'				
10		A-1-b, SaGr, brn, MTW, Rec. = 0.6 ft, Lab Note: Lots of Broken Rock was within sample. NXDC, Cleaned out casing.		11-12-11-16 (23)	12.5	55.3	32.7	12.0
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.		27-48-R@6.0' (R)	10.6	38.1	37.3	24.6
15		A-4, SaSi, Lt/bm, MTW, Rec. = 1.1 ft		17-17-21-23 (38)	19.4	6.1	39.3	54.6
		A-2-4, SiSa, brn, MTW, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample. Cleaned out casing with roller cone.		17-17-16-18 (33)	16.6	16.5	56.3	27.2
20		A-2-4, GrSiSa, Lt/bm, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.		9-33-45-R@2.5' (78)	12.2	24.0	42.0	34.0
		A-2-4, SiGrSa, Lt/bm, MTW, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.		34-41-R@5.0' (R)	10.5	31.2	45.5	23.3
25		A-4, SaSi, Lt/bm, MTW, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample. Cleaned out casing with roller cone.		25-19-25-25 (44)	17.4	12.8	39.1	48.1
		A-4, SiSa, Lt/bm, MTW, Rec. = 1.1 ft		21-24-22-25 (46)	17.8	6.1	53.1	40.8
25		A-2-4, Sa, Lt/bm, MTW, Rec. = 0.7 ft		6-18-23-22 (41)	16.8	12.7	70.3	17.0
		Hole stopped @ 26.0 ft						
Remarks:		1. Hole collapsed at 4.6 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 <sub>e</sub> 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 WARDSBORO BF 013-1(21) G.P.J. VERMONT ACT GDT 12/16/13

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: <b>B-102</b>		
		<b>WARDSBORO</b>		Page No.: 1 of 1		Pin No.: 13B072		
		<b>BF 013-1(21)</b>		Checked By: TDE		<b>VT-100 BR-70</b>		
Boring Crew: GARROW, JUDKINS		Type: WB	Sampler: SS	Groundwater Observations				
Date Started: 12/10/13	Date Finished: 12/10/13	I.D.: 4 in	1.5 in	Date	Depth (ft)	Notes		
VTSPG NAD83: N 193261.92 ft E 1550623.19 ft		Hammer Wt: N.A.	140 lb.	12/10/13	8.9	While drilling.		
Station: 175+57.5	Offset: 11.50	Hammer Fall: N.A.	30 in.					
Ground Elevation: 1296.0 ft		Hammer/Rod Type: Auto/AWJ						
		Rig: CME 55 TRACK	C <sub>e</sub> = 1.46					
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-1-b, GrSa, Dk/bm, Moist, Rec. = 0.7 ft		11-10-39-18 (49)	13.1	27.9	56.5	15.6
		A-1-b, SaGr, white-brn, Moist, Rec. = 0.7 ft, Lab Note: Lots of Broken & Pulverized Rock (Granite) were within sample. Cleaned out casing with roller cone.		4-7-8-10 (15)	11.8	44.3	44.0	11.7
5		A-1-b, SaGr, brn, Moist, Rec. = 0.6 ft, Lab Note: Lots of Broken Rock was within sample.		6-3-2-3 (5)	12.2	41.4	48.0	10.6
		A-1-b, GrSa, brn, Moist, Rec. = 0.5 ft, Lost water return at 4.0 feet. Lab Note: Lots of Broken & Pulverized Rock (Granite) w		7-4-4-2 (8)				
10		Field Note: No Recovery, Cleaned out casing with roller cone.		1-WH-1-1 (1)				
		Field Note: No Recovery		30-11-11-19 (22)	10.7	49.8	34.9	15.3
15		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft, Lab Note: Lots of Broken Rock was within sample.		35-R@5.0' (R)	9.2	41.2	34.5	24.3
		A-1-b, SiSaGr, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample. NXDC, Cleaned out casing.		17-23-21-22 (44)	18.1	9.3	52.2	38.5
20		A-4, SiSa, brn, MTW, Rec. = 1.2 ft		13-30-30-R@5.0' (60)	14.3	12.0	52.9	35.1
		A-2-4, SiSa, brn, MTW, Rec. = 1.5 ft		25-24-22-23 (46)	11.9	27.9	46.2	25.9
25		A-2-4, SiGrSa, brn, MTW, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample.		17-31-36-R@2.5' (67)	13.0	24.2	42.8	33.0
		A-2-4, GrSiSa, brn, MTW, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.		17-23-30-R@2.5' (53)	16.1	25.0	54.3	20.7
Hole stopped @ 26.7 ft								
Remarks:		1. Hole collapsed at 10.5 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 <sub>e</sub> 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 WARDSBORO BF 013-1(21) G.P.J. VERMONT ACT GDT 12/16/13

PROJECT NAME: WARDSBORO  
 PROJECT NUMBER: BF 013-1(21)  
 FILE NAME: sl3b072borIng.dgn  
 PROJECT LEADER: K HIGGINS  
 DESIGNED BY: J. SALVATORI  
 BORING LOGS  
 PLOT DATE: 26-FEB-2014  
 DRAWN BY: K. FRIEDLAND  
 CHECKED BY: J. SALVATORI  
 SHEET 413 OF 444