

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-103		
		BRUNSWICK BF 0271(23) VT-102 BR-6		Page No.: 1 of 3		Checked By: END		
Boring Crew: GARROW, HOOK, NIETO		Type: WB		Casing SS		Sampler SS		
Date Started: 8/21/14 Date Finished: 8/29/14		I.D.: 4 in 1.5 in		Date 08/22/14 11.5 AM		Groundwater Observations		
VTSPG NAD83: N 802008,42 ft E 1873627,34 ft		Hammer Wt: N.A. 140 lb.		Date 08/26/14 5.4		Notes Overnight.		
Station: 14+70 Offset: 19.00		Hammer Fall: N.A. 30 in.		Date 08/29/14 4.1		Notes Overnight.		
Ground Elevation: 873.0 ft		Hammer/Rod Type: Auto/AWJ		Date 08/29/14 4.1		Notes Overnight.		
		Rig: CME 55 TRACK		C: 1.46				
Depth (ft)	Strata (f)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg)	Core Rec. % (Core %)	Moisture Content % (M.C. %)	Gravel %	Sand %	Fines %
0-1	A-2-4	Sa, brn, Molst, Rec. = 0.6 ft, Lab Note: Grass & Roots were within sample.	1.1-1.1	15.1	12.2	70.9	16.9	
1-2	A-2-4	Sa, tan-brn, Molst, Rec. = 1.3 ft	1.1-2.2	12.2	0.1	82.2	17.7	
2-3	A-1-b	GrSa, L/brn, Molst, Rec. = 1.3 ft, Lab Note: Broken Rock was within sample.	3.7-11.16	5.2	33.5	62.3	4.2	
3-4	A-1-a	SaGr, L/gy, Molst, Rec. = 0.6 ft, Lab Note: Broken Rock was within sample.	26-27-21-20	8.8	50.1	40.1	9.8	
4-5	A-4	SiSa, L/brn, Molst, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample.	25-13-15-5	24.0	9.1	47.2	43.7	
5-6	A-2-4	SiSa, L/brn, Molst, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.	3-3-1-3	22.8	1.2	54.0	44.8	
6-7	A-4	SiSa, L/brn, Molst, Rec. = 1.2 ft	5-2-1-2	24.0	2.0	86.9	11.1	
7-8	A-2-4	Sa, L/brn, Molst, Rec. = 0.4 ft	2-2-2-2	24.0	2.2	73.3	24.5	
8-9	A-2-4	SiSa, L/brn, Molst, Rec. = 1.1 ft	4-1-4-2	23.4	0.8	84.7	14.5	
9-10	A-3	Sa, L/brn, Molst, Rec. = 0.3 ft	4-5-4-5	21.8	4.1	89.4	6.5	
10-11	A-2-4	Sa, gry, Molst, Rec. = 1.3 ft	2-2-3-4	24.0	0.8	83.0	16.2	
11-12	A-3	Sa, gry, Molst, Rec. = 0.7 ft	3-3-4-5	20.8	4.0	89.1	6.9	
12-13	A-3	Sa, gry, Molst, Rec. = 0.6 ft	4-5-4-5	25.0		92.3	7.7	
13-14	A-3	Sa, gry, Molst, Rec. = 0.9 ft	2-3-3-4	23.6	0.2	90.0	9.8	
14-15	A-2-4	SiSa, gry, Molst, Rec. = 1.3 ft	1-3-3-4	21.5	0.5	73.8	25.7	
15-16	A-2-4	Sa, gry, Molst, Rec. = 0.2 ft	4-4-5-7	25.4	0.3	83.8	15.9	
16-17	A-3	Sa, gry, Molst, Rec. = 0.5 ft	5-9-7-14	17.4	0.5	95.3	4.2	
17-18	A-4	Sl, gry, Molst, Rec. = 0.7 ft	5-8-10-11	25.9		18.9	81.1	

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.

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-103		
		BRUNSWICK BF 0271(23) VT-102 BR-6		Page No.: 2 of 3		Checked By: END		
Boring Crew: GARROW, HOOK, NIETO		Type: WB		Casing SS		Sampler SS		
Date Started: 8/21/14 Date Finished: 8/29/14		I.D.: 4 in 1.5 in		Date 08/22/14 11.5 AM		Groundwater Observations		
VTSPG NAD83: N 802008,42 ft E 1873627,34 ft		Hammer Wt: N.A. 140 lb.		Date 08/26/14 5.4		Notes Overnight.		
Station: 14+70 Offset: 19.00		Hammer Fall: N.A. 30 in.		Date 08/29/14 4.1		Notes Overnight.		
Ground Elevation: 873.0 ft		Hammer/Rod Type: Auto/AWJ		Date 08/29/14 4.1		Notes Overnight.		
		Rig: CME 55 TRACK		C: 1.46				
Depth (ft)	Strata (f)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg)	Core Rec. % (Core %)	Moisture Content % (M.C. %)	Gravel %	Sand %	Fines %
0-1	A-4	SiSa, gry, Molst, Rec. = 0.8 ft	2-3-5-10	26.6	0.2	51.9	47.9	
1-2	A-4	SaSl, gry, Molst, Rec. = 1.3 ft	5-9-11	22.9		47.6	52.4	
2-3	A-4	SiSa, gry, Molst, Rec. = 0.7 ft	7-10-10	22.7	0.3	62.1	37.6	
3-4	A-2-4	SiSa, gry, Molst, Rec. = 1.0 ft	7-9-12	22.7	0.2	78.2	21.6	
4-5	A-4	SiSa, gry, Molst, Rec. = 0.5 ft	10-12-18-20	24.5	0.2	63.8	36.0	
5-6	A-3	Sa, gry, Molst, Rec. = 0.6 ft	9-10-10	19.0	4.0	90.7	5.3	
6-7	A-4	SaSl, gry, Molst, Rec. = 1.3 ft	13-18-23-30	22.7		44.3	55.7	
7-8	A-2-4	SiSa, gry, Molst, Rec. = 1.4 ft	10-18-21-25	22.4		64.8	35.2	
8-9	A-4	Sl, gry, Molst, Rec. = 1.6 ft, Lab Note: Some very thin layers of clay were noticeable.	11-21-22-26	22.4		5.0	95.0	
9-10	A-4	Sl, gry, Molst, Rec. = 1.5 ft	20-24-25-30	21.5		3.5	96.5	
10-11	A-4	Sl, gry, Molst, Rec. = 0.9 ft, Lab Note: Some very thin layers of clay were noticeable.	10-15-21-24	24.5	0.2	5.1	94.9	
11-12	A-3	Sa, L/brn, Molst, Rec. = 1.0 ft	14-15-17-19	20.7	0.2	55.1	46.7	
12-13	Field Note:	Advanced casing and cleaned out to 135.0 feet.						
13-14	A-1-b	Sa, brn, Molst, Rec. = 0.8 ft	12-16-18-27	13.6	8.9	81.6	9.5	

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.

VT Trans		STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH SECTION SUBSURFACE INFORMATION		BORING LOG		Boring No.: B-103		
		BRUNSWICK BF 0271(23) VT-102 BR-6		Page No.: 3 of 3		Checked By: END		
Boring Crew: GARROW, HOOK, NIETO		Type: WB		Casing SS		Sampler SS		
Date Started: 8/21/14 Date Finished: 8/29/14		I.D.: 4 in 1.5 in		Date 08/22/14 11.5 AM		Groundwater Observations		
VTSPG NAD83: N 802008,42 ft E 1873627,34 ft		Hammer Wt: N.A. 140 lb.		Date 08/26/14 5.4		Notes Overnight.		
Station: 14+70 Offset: 19.00		Hammer Fall: N.A. 30 in.		Date 08/29/14 4.1		Notes Overnight.		
Ground Elevation: 873.0 ft		Hammer/Rod Type: Auto/AWJ		Date 08/29/14 4.1		Notes Overnight.		
		Rig: CME 55 TRACK		C: 1.46				
Depth (ft)	Strata (f)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg)	Core Rec. % (Core %)	Moisture Content % (M.C. %)	Gravel %	Sand %	Fines %
0-1	A-1-b	GrSa, brn-gry, MTW, Rec. = 0.9 ft	8-16-23-25	18.5		23.3	68.8	7.9
1-2	Field Note:	Sleaved 3" casing into 4" casing. Cleaned out casing.						
2-3	Visual Description:	Broken Rock with sand, brn-gry, Molst, Rec. = 0.2 ft, insufficient sample for testing.	6-11-5-9	16				
3-4	A-1-b	GrSa, gry, Molst, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.	R@5.0"	9.7		29.4	57.3	13.3
4-5	Field Note:	Cleaned out with roller cone						
5-6	Field Note:	No Recovery. Appears to be Gravely Sand	R@5.0"					
6-7	Field Note:	No Recovery. Appears to be Gravely Sand	17-17					
7-8	188.7 ft - 193.7 ft. White to dark-gray to pink, medium to coarse-grained Granite, with close to very closely spaced horizontal jointing. Very hard, Unweathered, Fair rock, BXMDC, RMR = 42	1	80	3	5	8	22	15
8-9	193.7 ft - 198.7 ft. White to dark-gray to pink, medium to coarse-grained Granite, with the top 1.6 feet of run having close to very closely spaced horizontal jointing. Remainder of the run is unjointed. Very hard, Unweathered, Fair rock, BXMDC, RMR = 52	2	100	7	7	6	8	8
9-10	Remarks: 1. Hole collapsed at 9.0 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 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 - BRUNSWICK BF 0271(23) G.P. - VERMONT AGT GDT 10/2/14

BORING LOG - BRUNSWICK BF 0271(23) G.P. - VERMONT AGT GDT 10/2/14

BORING LOG - BRUNSWICK BF 0271(23) G.P. - VERMONT AGT GDT 10/2/14