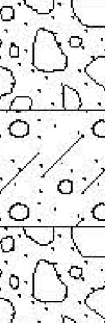
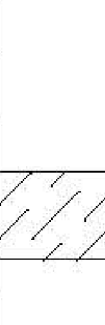
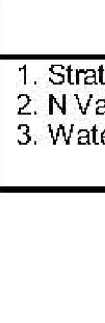
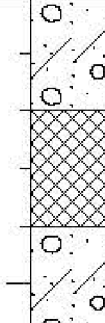
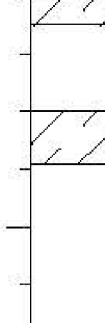
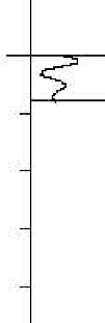
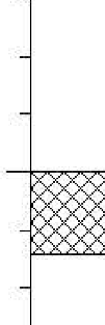
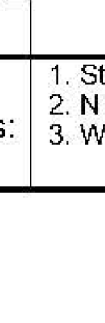


		STATE OF VERMONT AGENCY OF TRANSPORTATION CONSTRUCTION AND MATERIALS BUREAU CENTRAL LABORATORY		BORING LOG		Boring No.: B-101				
				ST ALBANS TOWN BF 0279(5) VT 104 BR #19		Page No.: 1 of 1				
						Pin No.: 12c598				
						Checked By: END				
Boring Crew: GARROW, NIETO				Casing WB		Sampler SS				
Date Started: 8/27/15 Date Finished: 8/27/15				Type: WB		Groundwater Observations				
VTSPG NAD83: N 841037.41 ft E 1492898.53 ft				I.D.: 4 in 1.5 in		Date Depth Notes				
Station: 120+90.00 Offset: -25.00				Hammer Wt: N.A. 140 lb.		08/27/15 10.1 After Drilling.				
Ground Elevation: 566.61 ft				Hammer Fall: N.A. 30 in.						
				Hammer/Rod Type: Auto/AWJ						
				Rig: CME 45C SKID AUTO C _E = 1.33						
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
5		A-1-b, GrSa, bm-Lt/gry, Moist, Rec. = 1.4 ft, Lab Note: Broken Rock was within sample.		WH-6-6-5 (12)	6.4	36.6	49.9	13.5		
		A-2-4, Sa, Lt/bm-Lt/gry, Moist, Rec. = 1.6 ft		5-5-5-5 (10)	8.8	19.4	66.2	14.4		
		A-1-b, GrSa, Lt/bm, Moist, Rec. = 0.9 ft, Lab Note: Broken Rock was within sample.		10-12-10-8 (20)	8.6	37.6	43.8	18.6		
		A-2-4, SiGrSa, Lt/bm, Moist, Rec. = 0.2 ft		4-4-1-1 (5)	10.1	28.6	50.8	20.6		
10		Field Note: No Recovery		(WR)						
		A-1-b, SaGr, bm, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.		WH-WH-2-12 (2)	12.7	49.6	35.3	15.1		
		A-4, GrSaSi, gry, Moist, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample.		3-20-37-27 (57)	11.0	25.3	27.2	47.5		
		A-4, SaSi, gry, Moist, Rec. = 1.3 ft		27-48-R@2.5" (R)	10.3	16.9	22.4	60.7	19	4
15		A-4, GrSaSi, gry, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock was within sample.		35-R@5.0" (R)	11.6	22.0	23.3	54.7		
		A-4, GrSaSi, gry, Moist, Rec. = 1.3 ft, Lab Note: Broken Rock was within sample.		18-35-R@5.0" (R)	11.3	20.4	20.9	58.7	20	6
20										
25		A-4, SaSi, gry, Moist, Rec. = 1.6 ft		25-33-R@6.0" (R)	9.2	16.8	25.2	58.0	19	5
30		A-4, SaSi, gry, Moist, Rec. = 1.1 ft		32-48-R@1.0" (R)	9.1	14.5	25.0	60.5		
35		A-4, SaSi, gry, Moist, Rec. = 1.3 ft, Lab Note: Broken Rock was within sample. A Trace of clay was noticeable. Sample tested non-plastic		26-39-R@6.0" (R)	8.7	17.4	24.2	58.4		
		Hole stopped @ 36.5 ft								
40		Remarks: Hole collapsed at 24.0 feet.								
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 _E 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.								

		STATE OF VERMONT AGENCY OF TRANSPORTATION CONSTRUCTION AND MATERIALS BUREAU CENTRAL LABORATORY		BORING LOG		Boring No.: B-102		
				ST ALBANS TOWN BF 0279(5) VT 104 BR #19		Page No.: 1 of 1		
						Pin No.: 12c598		
						Checked By: END		
Boring Crew: GARROW, NIETO				Casing WB		Sampler SS		
Date Started: 8/26/15 Date Finished: 8/26/15				Type: WB		Groundwater Observations		
VTSPG NAD83: N 841036.31 ft E 1492957.78 ft				I.D.: 4 in 1.5 in		Date Depth Notes		
Station: 121+10.00 Offset: 30.00				Hammer Wt: N.A. 140 lb.		08/26/15 5.7 After Drilling.		
Ground Elevation: 564.92 ft				Hammer Fall: N.A. 30 in.				
				Hammer/Rod Type: Auto/AWJ				
				Rig: CME 45C SKID AUTO C _E = 1.33				
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)		Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5		A-2-4, SiGrSa, bm, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock, grass, and roots were within sample.		1-2-3-5 (5)	10.5	29.7	44.9	25.4
		Field Note: No Recovery		5-4-4-3 (8)				
		Visual Description: SiSa, bm, Moist, Rec. = 0.1 ft, Lab Note: Insufficient sample size for testing.		5-4-4-4 (8)	11.1			
		A-1-B, SiSaGr, bm-Lt/bm, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock was within sample.		6-9-5-4 (14)	10.8	48.0	31.6	20.4
10		A-1-B, SiSaGr, bm-gry, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.		12-6-6-6 (12)	12.1	45.1	33.0	21.9
		A-1-B, GrSa, Lt/bm-gry, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.			17.5	37.9	42.1	20.0
		A-4, GrSaSi, gry-Lt/bm, Moist, Rec. = 1.0 ft		3-2-6-R@5.0" (8)	12.7	24.2	32.5	43.3
		Visual Description: Broken Rock with SaSi, gry, Moist, Rec. = 0.3 ft, Lab Note: Insufficient sample size for testing.		R@3.5" (R)	7.9			
15		A-4, SaGrSi, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample. A trace of clay was noticeable. Sample tested non-plastic.		R@6.0" (R)	7.9	35.4	23.7	40.9
		A-4, SaSi, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken Rock was within sample. A trace of clay was noticeable. Sample tested non-plastic.		R@6.0" (R)	9.9	17.8	26.5	55.7
		A-4, Si, gry, Moist, Rec. = 1.1 ft, Lab Note: A trace of clay was noticeable. Sample tested non-plastic.		37-R@5.0" (R)	13.2	11.6	19.1	69.3
20								
25		Visual Description: Broken Rock with Si, gry, Moist, Rec. = 0.3 ft, Lab Note: Insufficient sample size for testing.		R@3.5" (R)	9.5			
30		A-4, SaGrSi, gry, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.		R@5.0" (R)	7.9	33.4	28.2	38.4
35		Field Note: No Recovery		26-35-R@5.0" (R)				
		Hole stopped @ 36.4 ft						
40		Remarks: Hole collapsed at 7.6 feet.						
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 _E 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.						