STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

Williston
NH 2949(1)
VT 2A Mast Arms

Boring No.: **B-108**
Page No.: 1 of 1
Pin No.: 12d224
Checked By: MLM

Boring Crew: Whitlock, Garrow, Emerson
Date Started: 7/05/17 Date Finished: 7/05/17
VTSPG NAD83: N 710271.68 ft E 1480897.58 ft
Station: 187+16.10 Offset: 32.50
Ground Elevation: 412.7 ft

	Casing	Sampler
Type:	H.S.A.	SS
I.D.:	4 in	1.5 in
Hammer Wt:	N.A.	140 lb.
Hammer Fall:	N.A.	30 in.

Hammer/Rod Type: Auto/AWJ
Rig: Diedrich D25 CE = Unknown

Groundwater Observations		
Date	Depth (ft)	Notes
07/05/17	3.7	W.T. Present

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		A-1-b, SaGr, brn, Moist, Rec. = 0.6 ft, Lab Note: Broken rock was within sample	1-1-7-8 (8)	6.4	47.1	35.3	17.6		
		A-1-a, Gr, brn, Moist, Rec. = 0.5 ft, Lab Note: A lot of broken rock was within sample	8-12-8-7 (20)	1.7	77.1	16.3	6.6		
5		A-4, GrSaSi, brn, Moist, Rec. = 1.3 ft, Lab Note: Broken rock and a small amount of clay were within sample. Sample tested non-plastic	4-7-6-7 (13)	14.0	29.3	30.5	40.2		
		A-2-4, SiSaGr, gry, Moist, Rec. = 1.6 ft, Lab Note: Broken rock and a small amount of clay were within sample. Sample tested non-plastic	4-11-6-3 (17)	13.2	37.7	32.9	29.4		
		A-6, SiCl, brn, Moist, Rec. = 2.0 ft	2-5-7-11 (12)	23.4	4.0	13.1	82.9	39	16
10		A-7-6, Cl, brn, Moist, Rec. = 2.0 ft	10-5-6-7 (11)	31.2	2.6	6.0	91.4	52	26
15		A-4, GrSaSi, brn, Moist, Rec. = 1.9 ft, Lab Note: A small amount of clay was within sample. Sample tested non-plastic	9-11-24-28 (35)	9.9	26.8	30.0	43.2		
		Field Note:, Could not advance with hollow stem augers, switched to solid stem auger with 3" casing							
20		A-4, SaGrSi, brn, Moist, Rec. = 1.1 ft	41-48-R@1" (R)	10.7	29.7	27.0	43.3		
25		A-1-b, GrSa, brn, Moist, Rec. = 0.3 ft	R@5" (R)	7.2	44.8	46.5	8.7		
		Hole stopped @ 25.4 ft							
30		Remarks: Hole collapsed at 10.2 feet.							

Notes:
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
<<SUB>><<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.