



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

BORING LOG

RUTLAND TOWN
NHG 019-3(60)
US-7, TH-36 MAST ARMS

Boring No.: B-103
Page No.: 1 of 1
Pin No.: 14T190
Checked By: END

Boring Crew: DAIGNEAULT, HOOK, NIETO
Date Started: 1/14/15 Date Finished: 1/14/15
VTSPG NAD83: N 395898.94 ft E 1516345.20 ft
Station: _____ Offset: _____
Ground Elevation: 576.71 ft

Type: _____
I.D.: _____
Hammer Wt: _____
Hammer Fall: _____
Hammer/Rod Type: _____
Rig: _____

Casing H.S.A. Sampler SS
4 in 1.5 in
N.A. 140 lb.
N.A. 30 in.
Auto/AWJ
CME 45C TRACK C = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
		A-2-4, GrSiSa, Lt/brn, Moist, Rec. = 1.6 ft, Lab Note: Grass & roots were within sample.	12-9-6-3 (15)	21.5	20.1	51.3	28.6	
		A-4, SiSa, Lt/brn, Moist, Rec. = 1.0 ft	3-3-3-5 (6)	16.6	15.7	46.2	38.1	
5		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft	2-3-2-4 (5)	15.0	14.3	64.1	21.6	
		A-2-4, SiSa, Lt/brn, Moist, Rec. = 1.3 ft	3-4-4-4 (8)	13.7	3.1	64.3	32.6	
		A-2-4, SiSa, Lt/brn, Moist, Rec. = 1.7 ft	4-5-6-8 (11)	12.3	0.5	69.4	30.1	
10		A-2-4, SiSa, Lt/brn, Moist, Rec. = 1.4 ft	8-7-6-6 (13)	15.5	7.6	60.6	31.8	
15		A-3, Sa, Lt/brn, Wet, Rec. = 1.2 ft	2-5-5-5 (10)	23.2	2.5	88.8	8.7	
20		A-4, Si, Lt/brn, Wet, Rec. = 1.7 ft, Lab Note: Small layers of clay were noticeable. Sample tested:(NP)	2-2-2-2 (4)	32.2		11.3	88.7	
25		A-4, Si, Lt/brn, Wet, Rec. = 1.7 ft, Lab Note: Small layers of clay were noticeable. Sample tested:(NP)	1-2-2-3 (4)	35.1		6.9	93.1	
		Hole stopped @ 27.0 ft						
		Remarks: Hole collapsed at 7.2 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 2 RUTLAND TOWN NHG 019-3(60).GPJ VERMONT AOT.GDT 2/11/15