



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-102
Page No.: 1 of 1
Pin No.: 14T190
Checked By: END

Boring Crew: DAIGNEAULT, GARROW, HOOK
Date Started: 1/07/15 Date Finished: 1/07/15
VTSPG NAD83: N 396001.52 ft E 1516438.71 ft
Station: _____ Offset: _____
Ground Elevation: 574.84 ft

Casing H.S.A. Sampler 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: CME 45C TRACK C_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 %
5		A-2-4, SiSa, brn, Moist, Rec. = 0.8 ft, Lab Note: Grass & small roots were within sample.	6-3-4-4 (7)	42.7	2.4	63.5	34.1
		A-2-4, SiSa, brn, Moist, Rec. = 0.1 ft	4-4-3-4 (7)	13.6	8.2	65.4	26.4
		A-2-4, SiSa, brn, Moist, Rec. = 0.3 ft	3-2-2-4 (4)	10.9	16.0	60.1	23.9
		A-2-4, SiSa, brn, Moist, Rec. = 1.4 ft	2-2-3-4 (5)	16.3	3.6	64.1	32.3
		A-2-4, SiSa, brn, Moist, Rec. = 1.5 ft, Lab Note: Broken Rock was within sample.	6-8-7-7 (15)	12.6	8.4	65.9	25.7
10		A-2-4, SiSa, brn, Moist, Rec. = 1.5 ft	3-5-6-7 (11)	14.4	7.6	69.0	23.4
		A-2-4, Sa, brn, MTW, Rec. = 1.1 ft	1-4-4-4 (8)	24.1	0.7	84.8	14.5
		A-4, SiSa, brn, Wet, Rec. = 0.9 ft	3-2-2-1 (4)	30.0		54.8	45.2
15		A-4, Si, brn, Wet, Rec. = 1.1 ft, Lab Note: Small layers of clay were noticeable. Sample tested:(NP)	WH-2-2-1 (4)	35.7		5.5	94.5
		A-4, GrSaSi, brn, Wet, Rec. = 0.7 ft	3-5-2-2 (7)	17.0	23.1	23.7	53.2
		A-4, SaGrSi, brn, MTW, Rec. = 0.7 ft	2-4-8-10 (12)	11.6	32.9	29.1	38.0
		A-4, SaSi, brn, Moist, Rec. = 1.4 ft	4-8-10-14 (18)	15.4	9.4	42.6	48.0
		A-4, SaSi, brn, Moist, Rec. = 1.5 ft	WH-4-18-26 (22)	14.3	8.6	37.0	54.4
Hole stopped @ 26.0 ft							
Remarks: Hole collapsed at 7.5 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 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.