



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-101
Page No.: 1 of 1
Pin No.: 14T190
Checked By: END

Boring Crew: DAIGNEAULT, JUDKINS, NIETO
Date Started: 1/14/15 Date Finished: 1/21/15
VTSPG NAD83: N 395992.24 ft E 1516329.15 ft
Station: _____ Offset: _____
Ground Elevation: 575.21 ft

Casing Sampler
Type: H.S.A. & WB 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_s = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
01/21/15	3.5	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-4, SiSa, brn, Moist, Rec. = 1.3 ft, Lab Note: Grass & roots were within sample. Drilling was performed with Hollow Stem augers.	10-4-4-6 (8)	23.9	16.4	47.8	35.8
5		Field Note:, No Recovery. Appears to be silty sand	7-3-5-6 (8)				
		Field Note:, No Recovery. Appears to be silty sand	3-2-3-3 (5)				
		A-4, SiSa, Lt/brn, Moist, Rec. = 0.1 ft	2-3-2-5 (5)	15.1	17.2		
10		A-1-b, GrSa, Lt/brn-gry, Moist, Rec. = 0.5 ft	4-6-5-6 (11)	12.7	33.8	48.8	17.4
		A-2-4, SiSa, Lt/brn-gry, Moist, Rec. = 0.7 ft	5-6-6-7 (12)	19.8	4.6	63.3	32.1
15		A-1-b, GrSa, brn, Wet, Rec. = 1.6 ft, Could not penetrate further with Hollow Stem Auger.	5-15-7-7 (22)	17.5	33.8	56.5	9.7
		Field Note:, Switched over to Wash Bore drilling. NXDC					
20		Field Note:, No Recovery. Appears to be sand	5-3-1-2 (4)				
		Field Note:, NXDC					
25		A-4, Si, gry, Moist, Rec. = 0.5 ft, Lab Note: A very tiny amount of clay was noticeable.	3-2-1-2 (3)				
		Hole stopped @ 27.0 ft					
		Remarks: Hole collapsed at 13.3 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_s 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.