
 STATE OF VERMONT AGENCY OF TRANSPORTATION CONSTRUCTION AND MATERIALS BUREAU CENTRAL LABORATORY		BORING LOG		Boring No.: B-103					
		RUTLAND TOWN NHG 019-3(60) US-7, TH-36 MAST ARMS		Page No.: 1 of 1 Pin No.: 14T190 Checked By: END					
Boring Crew: <u>DAIGNEAULT, HOOK, NIETO</u> Date Started: <u>1/14/15</u> Date Finished: <u>1/14/15</u> VTSPG NAD83: <u>N 395898.94 ft E 1516345.20 ft</u> Station: _____ Offset: _____ Ground Elevation: <u>576.71 ft</u>		Casing Type: <u>H.S.A.</u> Sampler: <u>SS</u> I.D.: <u>4 in</u> <u>1.5 in</u> Hammer Wt: <u>N.A.</u> <u>140 lb.</u> Hammer Fall: <u>N.A.</u> <u>30 in.</u> Hammer/Rod Type: <u>Auto/AWJ</u> Rig: <u>CME 45C TRACK</u> <u>C_c = 1.34</u>		Groundwater Observations Date Depth (ft) Notes _____ _____ <u>No water to depth.</u>					
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)			Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5	[Diagonal Hatching]	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
		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	[Diagonal Hatching]	A-2-4, SiSa, Lt/brn, Moist, Rec. = 1.4 ft			8-7-6-6 (13)	15.5	7.6	60.6	31.8
		A-3, Sa, Lt/brn, Wet, Rec. = 1.2 ft			2-5-5-5 (10)	23.2	2.5	88.8	8.7
20	[Diagonal Hatching]	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
		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

 STATE OF VERMONT AGENCY OF TRANSPORTATION CONSTRUCTION AND MATERIALS BUREAU CENTRAL LABORATORY		BORING LOG		Boring No.: B-104					
		RUTLAND TOWN NHG 019-3(60) US-7, TH-36 MAST ARMS		Page No.: 1 of 1 Pin No.: 14T190 Checked By: END					
Boring Crew: <u>DAIGNEAULT, HOOK, NIETO</u> Date Started: <u>1/12/15</u> Date Finished: <u>1/12/15</u> VTSPG NAD83: <u>N 395935.27 ft E 1516447.37 ft</u> Station: _____ Offset: _____ Ground Elevation: <u>577.63 ft</u>		Casing Type: <u>H.S.A.</u> Sampler: <u>SS</u> I.D.: <u>4 in</u> <u>1.5 in</u> Hammer Wt: <u>N.A.</u> <u>140 lb.</u> Hammer Fall: <u>N.A.</u> <u>30 in.</u> Hammer/Rod Type: <u>Auto/AWJ</u> Rig: <u>CME 45C TRACK</u> <u>C_c = 1.34</u>		Groundwater Observations Date Depth (ft) Notes _____ _____ <u>No water to depth.</u>					
Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)			Blows/ft (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5	[Diagonal Hatching]	A-2-4, SiSa with grass & roots, brn, Moist, Rec. = 0.5 ft			16-20-15-8 (35)	27.0	19.2	52.6	28.2
		A-2-4, Sa, Lt/brn, Moist, Rec. = 0.5 ft			4-4-2-2 (6)	8.1	8.1	75.7	16.2
		A-2-4, Sa, Lt/brn, Moist, Rec. = 1.1 ft			1-2-2-4 (4)	9.8	20.2	72.2	7.6
		A-1-b, GrSa, Lt/brn, Moist, Rec. = 1.3 ft			4-4-5-6 (9)	16.2	4.5	69.2	26.3
		A-2-4, SiSa, Lt/brn, Moist, Rec. = 1.6 ft			4-4-5-4 (9)	8.9	0.8	85.6	13.6
10	[Diagonal Hatching]	A-2-4, Sa, Lt/brn, Moist, Rec. = 1.9 ft			4-4-4-5 (8)	7.7	10.7	78.4	10.9
		A-2-4, Sa, Lt/brn, Moist, Rec. = 1.1 ft			2-2-2-2 (4)	36.2	0.4	10.3	89.3
20	[Diagonal Hatching]	A-4, Si, Lt/brn, MTW, Rec. = 0.3 ft, Lab Note: A small layer of clay was noticeable. Sample tested (NP).			4-4-7-10 (11)	14.3	15.2	32.7	52.1
		A-4, SaSi, Lt/brn, Moist, Rec. = 1.1 ft			15-20-36-33 (56)	11.4	27.5	26.6	45.9
Hole stopped @ 27.0 ft									
Remarks: Hole collapsed at 9.9 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.									

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PROJECT NAME: RUTLAND TOWN	
PROJECT NUMBER: NHG 019-3(60)	
FILE NAME: t14t190frm.dgn	PLOT DATE: 2/7/2017
PROJECT LEADER: P. COBURN	DRAWN BY: M. BOGACZYK
DESIGNED BY: M. BOGACZYK	CHECKED BY: P. COBURN
BORING LOG SHEET 2	SHEET 7 OF 17