

Boring Crew: <u>JUDKINS, GARROW, NIETO</u>		Type: _____	Casing WB	Sampler SS	Groundwater Observations		
Date Started: <u>3/02/16</u>	Date Finished: <u>3/08/16</u>	I.D.: _____	<u>4 in</u>	<u>1.5 in</u>	Date	Depth (ft)	Notes
VTSPG NAD83: <u>N 683112.65 ft E 1702839.88 ft</u>		Hammer Wt: <u>N.A.</u>	<u>140 lb.</u>		<u>03/08/16</u>	<u>2.0</u>	<u>W.T. After Drilling</u>
Station: <u>41+37.5</u>	Offset: <u>21.73</u>	Hammer Fall: <u>N.A.</u>	<u>30 in.</u>		<u>03/08/16</u>	<u>0.2</u>	<u>W.T. Before Drilling</u>
Ground Elevation: <u>1449.6 ft</u>		Hammer/Rod Type: <u>Auto/AWJ</u>					
		Rig: <u>CME 55 TRACK</u>	<u>C_c = 1.46</u>				

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6' (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
60		A-4, Si, gry, Moist, Rec. = 2.0 ft	5-9-13-16 (22)	31.1	0.4	3.6	96.0
		A-4, Si, gry, Moist, Rec. = 2.0 ft, Lab Note: Thin layers of clay were within sample. Sample tested non-plastic.	5-11-16-23 (27)	31.9		5.7	94.3
		A-4, Si, gry, Moist, Rec. = 1.8 ft	W.R.-4-12-16 (16)	33.7		4.8	95.2
70		A-4, Si, gry, Moist, Rec. = 1.8 ft, Lab Note: A small amount of clay was within sample. Sample tested non-plastic.	W.R.-4-11-15 (15)	32.5	0.1	4.0	95.9
		A-2-4, SiSa, gry, Moist, Rec. = 2.0 ft	5-18-30-30 (48)	25.4		65.2	34.8
		A-4, Si, gry, Moist, Rec. = 2.0 ft, Lab Note: Sample tested non-plastic.	5-4-13-19 (17)	30.8	0.1	16.7	83.2
100		A-4, Si, gry, Moist, Rec. = 2.0 ft	5-10-14-19 (24)	30.6	0.1	4.2	95.7
		Hole stopped @ 102.0 ft					
		Remarks: Hole filled with bentonite and portland cement grout.					

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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Date Started: <u>3/02/16</u>	Date Finished: <u>3/08/16</u>	I.D.: _____	<u>4 in</u>	<u>1.5 in</u>	Date	Depth (ft)	Notes
VTSPG NAD83: <u>N 683112.65 ft E 1702839.88 ft</u>		Hammer Wt: <u>N.A.</u>	<u>140 lb.</u>		<u>03/08/16</u>	<u>2.0</u>	<u>W.T. After Drilling</u>
Station: <u>41+37.5</u>	Offset: <u>21.73</u>	Hammer Fall: <u>N.A.</u>	<u>30 in.</u>		<u>03/08/16</u>	<u>0.2</u>	<u>W.T. Before Drilling</u>
Ground Elevation: <u>1449.6 ft</u>		Hammer/Rod Type: <u>Auto/AWJ</u>					
		Rig: <u>CME 55 TRACK</u>	<u>C_c = 1.46</u>				

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6' (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft, Lab Note: Wood fibers and pieces of wood were within sample.	1-1-2-2 (3)	25.5	14.6	62.1	23.3
		A-2-4, SiSa, brn, Moist, Rec. = 1.4 ft	3-5-6-4 (11)	21.6	16.0	53.0	31.0
		A-2-4, GrSiSa, brn-blk, MTW, Rec. = 2.0 ft	7-5-6-11 (11)	22.4	20.4	54.4	25.2
		Visual Description: GrSiSa, brn, Moist, Rec. = 0.3 ft, Lab Note: Insufficient sample size to perform gradation. Broken rock and plant material was within sample.	10-6-8-9 (14)	61.1			
10		A-4, SaSi, gry, MTW, Rec. = 0.8 ft	4-11-13-14 (24)	19.7	13.3	22.2	64.5
		A-4, GrSaSi, gry, MTW, Rec. = 0.6 ft	9-8-8-9 (16)	19.5	22.0	30.7	47.3
		A-4, SaSi, gry, Moist, Rec. = 1.0 ft	5-11-11-5 (22)	25.1	2.6	29.6	67.8
		A-4, Si, gry, MTW, Rec. = 1.3 ft	5-5-9-9 (17)	25.1	7.8	10.1	82.1
		A-4, Si, gry, MTW, Rec. = 1.3 ft	5-8-11-12 (19)	26.7	4.1	7.1	88.8
20		A-4, Si, gry, MTW, Rec. = 1.5 ft	8-10-10-10 (20)	26.3	4.1	4.7	91.2
		A-4, Si, gry, MTW, Rec. = 1.5 ft	4-8-9-9 (17)	28.0	5.7	5.8	88.5
		A-4, Si, gry, MTW, Rec. = 0.6 ft	9-10-10-12 (20)	28.1	11.3	15.4	73.3
		A-4, Si, gry, Moist, Rec. = 1.4 ft, Lab Note: A very small amount of clay was within sample. Sample tested non-plastic.	7-7-11-12 (18)	25.0	11.3	5.1	83.6
30		A-4, Si, gry, Moist, Rec. = 0.3 ft	5-18-23-21 (41)	15.8	6.2	16.3	77.5
		A-4, Si, gry-brn, MTW, Rec. = 1.8 ft	3-11-13-14 (24)	32.5	0.4	3.6	96.0
40		A-4, Si, gry, MTW, Rec. = 1.1 ft	3-12-13-15 (25)	34.5	3.0	4.7	92.3
		A-4, Si, gry, Moist, Rec. = 1.8 ft	3-13-15-16 (28)	30.6	1.5	5.5	93.0
50		A-4, Si, gry, Moist, Rec. = 1.8 ft	3-8-13-15 (21)	30.1	1.0	5.5	93.5

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BORING LOG 2 CABOT-DANVILLE FEGC-F 028-3(26) C/2 GPJ VERMONT AOT/GDT 5/16/16