



BORING LOG

Addison
BF 0172(9)
VT-125 Br. #1

Boring No.: B-101
Page No.: 1 of 2
Pin No.: 15b092
Checked By: MLM



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Boring Crew: Garrow, Judkins, Emerson
Date Started: 3/30/17 Date Finished: 4/03/17
VTSPG NAD83: N 557938.27 ft E 1403945.47 ft
Station: 65+18 Offset: 9.40
Ground Elevation: 102.05 ft

Type: WB SS
I.D.: 4 in 1.5 in
Casing Sampler
Type: 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 SKID CE = 1.42

Groundwater Observations		
Date	Depth (ft)	Notes
03/30/17	8.0	W.T. after drilling
04/03/17	5.7	W.T. before drilling

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Groundwater Observations		
Date	Depth (ft)	Notes
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Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Asphalt pavement, 0.0 ft - 1.7 ft							
		A-1-a, Gr, blk, Moist, Rec. = 0.7 ft, Lab Note: Broken rock was within sample	7-6-4-8 (10)	1.3	88.8	8.4	2.8		
		Field Note:; NXDC, cleaned out casing, cobbles							
		A-1-a, SaGr, brn, Moist, Rec. = 0.5 ft	2-3-3-4 (6)	9.2	58.1	34.0	7.9		
		A-4, ClSi, gry, Moist, Rec. = 1.4 ft	1-1-2-2 (3)	25.8	2.8	17.1	80.1	25	9
		Field Note:; NXDC, cleaned out casing							
		Field Note:; No Recovery							
		Field Note:; NXDC, cleaned out casing	2-2-2-2 (4)						
		Field Note:; Pushed 3" x 30" Shelby Tube, Rec. = 2.0 ft							
		Field Note:; Pushed 3" x 30" Shelby Tube, Rec. = 1.6 ft							
		A-6, SiCl, gry-brn, Moist, Rec. = 1.5 ft, Lab Note: Sample contained trace (4.3%) organic material (AASHTO T-267)	(WH)	56.2	31.7	11.9	56.4	39	18
		A-4, GrSaSi, gry-brn, Moist, Rec. = 1.5 ft, Lab Note: Sample contained little (15.9%) organic material (AASHTO T-267). Plant material / sticks, broken concrete pieces, and a small amount of clay were within sample. Sample tested non-plastic	2-3-4-1 (7)	114.9	24.9	34.5	40.6		
		A-8, SiGrSa, gry-brn, MTW, Rec. = 1.6 ft, Lab Note: Decomposing wood and wood fibers were within sample. Sample contained 20.6% organic material, AASHTO T-267 dictates soil type A-8	WH-1-1 (1)	161.4	27.6	48.7	23.7		
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.6 ft, Lab Note: Sample contained little (13.1%) organic material (AASHTO T-267)	(WH)	117.4	24.1	41.4	34.5		
		A-4, SaSi, gry-brn, Moist, Rec. = 2.0 ft, Lab Note: Wood, wood fibers, and a small amount of clay were within sample. Sample tested non-plastic	WH-1 (WH)	25.6	0.1	20.3	79.6		
		A-6, SaSiCl, gry, Moist, Rec. = 2.0 ft, Lab Note: Similar to 35-37 ft. sample	3-4-4-4 (8)	24.8	0.1	21.5	78.4		

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
35		A-6, SiCl, gry, Moist, Rec. = 2.0 ft	1-1-2-2 (3)	32.2	0.1	4.3	95.6	33	14
40		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft, Lab Note: Similar to 50-52 ft. sample	(WH)	68.8	0.1	0.6	99.3		
45		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft, Lab Note: Similar to 50-52 ft. sample	(WH)	66.7	0.1	0.5	99.4		
50		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft	(WH)	58.5	0.1	0.6	99.3	51	26
55		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft	WR-WH (WR)	46.6		0.5	99.5	43	20
60		A-6, SiCl, gry, Moist, Rec. = 2.0 ft	(WR)	47.0		0.4	99.6	40	17
Hole stopped @ 62.0 ft									
65		Remarks: Hole collapsed at 2.3 feet.							

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
 <<SUB>><<SUB>> 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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BORING LOG 2 ADDISON BF0172(9) VERMONT AOT.GDT 5/8/17

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