



STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

Jericho
STPHES030-1(21)
VT-15

Boring No.: B-101
Page No.: 1 of 1
Pin No.: 10b090
Checked By: JAC

Boring Crew: Emerson, Garrow, Olden
Date Started: 1/13/17 Date Finished: 1/13/17
VTSPG NAD83: N 733964.89 ft E 1522246.14 ft
Station: 148+03 Offset: -8.50
Ground Elevation: 666.5 ft

Casing: WB Sampler: SS
Type: WB 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
01/13/17	5.4	W.T. after drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0		Asphalt Pavement, 0.0 ft - 0.9 ft					
1.5		A-1-b, GrSa, Dk/brn, Moist, Rec. = 1.5 ft	15-29-17-7 (46)	7.7	43.0	46.1	10.9
5.0		Field Note: No Recovery	5-5-5-5 (10)				
5.5		A-2-4, SiSa, brn, Wet, Rec. = 0.5 ft	4-3-2-2 (5)	22.1	17.9	55.3	26.8
6.0		Field Note: Rollercone, Cleaned out casing					
6.7		A-1-b, SaGr, brn, Moist, Rec. = 0.7 ft	5-7-9-8 (16)	14.0	47.2	39.3	13.5
7.4		Field Note: Rollercone, Cleaned out casing					
8.1		A-1-a, SaGr, brn, Moist, Rec. = 0.9 ft	7-6-7-6 (13)	11.9	63.8	27.6	8.6
9.0		Field Note: NXDC, Cleaned out casing					
10.2		A-2-4, SiSa, brn-gry, Moist, Rec. = 1.2 ft	4-1-1-1 (2)	33.9	12.1	65.2	22.7
11.4		A-1-b, SaGr, gry, Moist, Rec. = 0.2 ft	1-3-3-4 (6)	22.1	46.2	42.2	11.6
11.6		Field Note: Rollercone, Cleaned out casing					
13.1		A-4, Si, gry, Wet, Rec. = 1.5 ft, Lab Note: A very small amount of clay was within sample. Sample tested non-plastic.	2-2-2-2 (4)	30.8	3.3	2.9	93.8
20.0		A-1-b, SiSaGr, gry, Moist, Rec. = 0.4 ft	5-4-8-11 (12)	10.3	44.7	30.8	24.5
25.0		Field Note: NXDC, Cleaned out casing					
25.6		A-1-b, SiSaGr, gry, Moist, Rec. = 0.6 ft	16-16-9-14 (25)	10.8	47.2	32.3	20.5
27.0	Hole stopped @ 27.0 ft						
30.0	Remarks: Hole collapsed at 15.8 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.

BORING LOG 2 JERICHO STP HES 030-1(21).GPJ VERMONT AOT.GDT 1/26/17



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BORING LOG

Jericho
STPHES030-1(21)
VT-15

Boring No.: **B-102**
 Page No.: **1 of 1**
 Pin No.: **10b090**
 Checked By: **JAC**

Boring Crew: Whitlock, Garrow, Warner
 Date Started: 1/17/17 Date Finished: 1/17/17
 VTSPG NAD83: N 733926.29 ft E 1522274.77 ft
 Station: 147+93 Offset: 38.60
 Ground Elevation: 662.6 ft

Casing: WB Sampler: SS
 I.D.: 3 in 1.5 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: Dietrich D25 CE = Unknown

Groundwater Observations

Date	Depth (ft)	Notes
01/17/17	1.0	W.T. during drilling

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. = 0.75 ft, Lab Note: Grass and grass roots were within sample	3-1-WH-1 (1)	39.0	16.6	62.5	20.9
		A-1-b, SaGr, brn, Wet, Rec. = 0.9 ft, Lab Note: Broken rock was within sample	5-4-6-8 (10)	21.5	45.1	41.5	13.4
		A-1-b, SaGr, brn, Wet, Rec. = 0.6 ft, Lab Note: Broken rock was within sample	4-10-6-6 (16)	22.4	43.9	41.8	14.3
		Field Note:, Cleaned out casing					
		A-1-a, SaGr, gry, Wet, Rec. = 0.3 ft, Lab Note: Broken rock was within sample	6-5-2-1 (7)	15.0	76.5	21.2	2.3
		A-1-b, SiSaGr, gry, Wet, Rec. = 0.3 ft	2-4-4-3 (8)	20.4	47.9	27.3	24.8
10		Field Note:, Cleaned out casing					
		A-4, Si, brn, Wet, Rec. = 1.1 ft	2-3-4-3 (7)	27.8	15.4	2.2	82.4
		A-4, GrSi, gry, Wet, Rec. = 0.9 ft	4-2-3-3 (5)	29.4	23.1	3.2	73.7
15		A-4, SaGrSi, gry, Wet, Rec. = 0.9 ft	4-5-2-2 (7)	15.1	36.1	20.6	43.3
		A-2-4, GrSiSa, gry, Wet, Rec. = 0.8 ft	3-3-4-5 (7)	10.6	24.5	41.9	33.6
		Field Note:, Cleaned out casing					
20		Gry, Wet, Rec. = 1.5 ft, 20.0 ft - 22.0 ft	15-21-28-41 (49)				
		Field Note:, Cleaned out casing					
Hole stopped @ 22.0 ft							
25	Remarks: Hole collapsed at 5.9 feet.						

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BORING LOG 2 JERICHO STP HES 030-1(21).GPJ VERMONT AOT.GDT 1/26/17



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Jericho
STPHES030-1(21)
VT-15

Boring No.: **B-103**

Page No.: **1 of 1**

Pin No.: **10b090**

Checked By: **JAC**

Boring Crew: Emerson, Garrow, Olden

Date Started: 1/12/17 Date Finished: 1/12/17

VTSPG NAD83: N 733715.90 ft E 1521829.36 ft

Station: 143+02 Offset: -18.50

Ground Elevation: 686.8 ft

Type:	Casing	Sampler
I.D.:	WB	SS
Hammer Wt:	3 in	1.5 in
Hammer Fall:	N.A.	140 lb.
Hammer/Rod Type:	N.A.	30 in.
Rig:	Auto/AWJ	
	Dietrich D25	CE = Unknown

Groundwater Observations

Date	Depth (ft)	Notes
01/12/17	7.2	W.T. after drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		A-2-4, SiGrSa, brn, Moist, Rec. = 1.6 ft	5-3-3-6 (6)	21.4	27.2	52.4	20.4
		A-1-b, GrSa, brn, Moist, Rec. = 1.4 ft	4-6-5-7 (11)	4.6	30.3	63.2	6.5
5		A-1-b, GrSa, brn, Moist, Rec. = 1.4 ft	5-4-4-5 (8)	6.0	25.5	67.2	7.3
		Field Note:, BXDC, Cleaned out casing					
		A-1-b, GrSa, brn, Moist, Rec. = 1.2 ft	6-4-5-4 (9)	13.7	33.8	59.7	6.5
		A-1-a, SaGr, brn, Moist, Rec. = 0.7 ft	10-9-5-5 (14)	8.7	53.7	38.5	7.8
10		Field Note:, BXDC, Cleaned out casing					
		A-1-b, GrSa, brn, Moist, Rec. = 0.7 ft	4-3-3-4 (6)	15.2	39.0	56.3	4.7
		Field Note:, BXDC, Cleaned out casing					
15		A-1-b, GrSa, gry, Moist, Rec. = 0.5 ft	5-5-5-5 (10)	17.1	26.8	66.0	7.2
		Field Note:, BXDC, Cleaned out casing					
20		A-4, Si, gry-brn, Wet, Rec. = 1.0 ft	4-3-3-2 (6)	34.1	1.2	3.6	95.2
		Field Note:, BXDC, Cleaned out casing					
25		A-4, Si, gry-brn, Wet, Rec. = 1.0 ft	4-2-3-4 (5)	34.4	0.3	2.7	97.0
		Field Note:, BXDC, Cleaned out casing					
		Hole stopped @ 27.0 ft					
30		Remarks: Hole collapsed at 25.0 feet.					

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BORING LOG 2: JERICHO STP: HES 030-1(21).GPJ VERMONT_AOT.GDT 1/26/17