



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
 MATERIALS & RESEARCH SECTION
 SUBSURFACE INFORMATION

BORING LOG

WILLIAMSTOWN
 BRF 0204(4)
 VT-64 BR-10

Boring No.: B-201

Page No.: 1 of 1

Pin No.: 83E111

Checked By: NSM

Boring Crew: SALISBURY, GARROW
 Date Started: 4/24/12 Date Finished: 4/24/12
 VTSPG NAD83: N 591253.26 ft E 1629120.19 ft
 Station: _____ Offset: _____
 Ground Elevation: _____

Casing: WB
 Sampler: SS
 Type: WB SS
 I.D.: 4 in 3 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 55 TRACK CE = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
04/25/12	10.2	From top of Well.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
2.5		Visual Description:, GrSa, brn, Moist, Rec. = 1.3 ft		2-6-10-12 (16)					
5.0		Field Note:, NXDC, Gravely Sand A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft		5-15-24-16 (39)	8.0	39.9	48.5	11.6	
7.5		Field Note:, NXDC, Gravel							
10.0		Field Note:, No Recovery							
12.5		Hole stopped @ 11.5 ft TLOB							
15.0		Remarks: 1. Installed one 2.0 inch Monitoring Well. 2. Well goes to 10.9 feet with 5 feet of screen from 5.9 to 10.9 feet. 3. Top of Well is 2.5 feet above ground surface. 4. Boring was completed as part of Research Project RSCH015-720.							

Notes:
 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
 2. N Values have not been corrected for hammer energy. CE is the hammer energy correction factor.
 3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 WILLIAMSTOWN BRS 0204(4).GPJ VERMONT AOT.GDT 9/7/12



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BORING LOG

WILLIAMSTOWN
 BR# 0204(4)
 VT-64 BR-10

Boring No.: B-202
 Page No.: 1 of 1
 Pin No.: 83E111
 Checked By: NSM

Boring Crew: SALISBURY, GARROW
 Date Started: 4/25/12 Date Finished: 4/25/12
 VTSPG NAD83: N 591251.61 ft E 1629119.36 ft
 Station: _____ Offset: _____
 Ground Elevation: _____

Casing: WB Sampler: SS
 I.D.: 4 in 3 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 55 TRACK CE = 1.46

Groundwater Observations

Date	Depth (ft)	Notes
04/26/12	10.1	From top of Well.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
2.5		Visual Description:, GrSa, brn, Moist, Rec. = 1.3 ft		1-4-5-10 (9)				
5.0		Field Note:, NXDC, Gravel		9-15-12- 12 (27)	9.6	37.2	51.0	11.8
7.5		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft		7-8-14- 38 (22)				
10.0		Visual Description:, GrSa, brn, Moist, Rec. = 0.3 ft		8-7-4-3 (11)				
12.5		Field Note:, NXDC, Cobbles						
15.0		Field Note:, No Recovery. Unable to retain sample.						
15.0		Field Note:, NXDC, Gravely Sand						
17.5		Hole stopped @ 15.0 ft TLOB						
17.5		Remarks: 1. Installed one 2.0 inch Monitoring Well. 2. Well goes to 14.3 feet with 5 feet of screen from 9.3 to 14.3 feet. 3. Top of Well is 2.5 feet above ground surface. 4. Boring was completed as part of Research Project RSCH015-720.						

Notes:

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3. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.



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BORING LOG

WILLIAMSTOWN
 BR# 0204(4)
 VT-64 BR-10

Boring No.: B-203
 Page No.: 1 of 1
 Pin No.: 83E111
 Checked By: NSM

Boring Crew: SALISBURY, GARROW
 Date Started: 5/02/12 Date Finished: 5/02/12
 VTSPG NAD83: N 591234.21 ft E 1629114.40 ft
 Station: _____ Offset: _____
 Ground Elevation: _____

Casing: WB
 Sampler: SS
 Type: WB SS
 I.D.: 4 in 3 in
 Hammer Wt: N.A. 140 lb.
 Hammer Fall: N.A. 30 in.
 Hammer/Rod Type: Auto/AWJ
 Rig: CME 45C TRACK CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Well Diagram	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 2.5		Visual Description:, GrSa, brn, Moist, Rec. = 1.5 ft Field Note:, NXDC, Gravely Sand		7-11-15-23 (26)				
2.5 - 5.0		A-1-b, SiSaGr, brn, Moist, Rec. = 0.6 ft		9-8-8-8 (16)	23.1	46.7	32.7	20.6
5.0 - 7.5		Field Note:, NXDC, Gravel						
7.5 - 10.0		A-1-b, GrSa, brn, Wet, Rec. = 1.4 ft		10-15-12-12 (27)	14.4	54.8	30.8	14.4
10.0 - 12.5		Field Note:, NXDC, Gravel						
12.5 - 15.0		Visual Description:, GrSaSi, brn, Moist, Rec. = 1.1 ft Field Note:, NXDC, To ledge or boulder		20-22-45-R@5.0" (67)				
15.0 - 17.5		Hole stopped @ 14.5 ft TLOB Remarks: 1. Installed one 2.0 inch Monitoring Well. 2. Well goes to 14.5 feet with 5 feet of screen from 8.3 to 13.3 feet. 3. Top of Well is 1.7 feet above ground surface. 4. Boring was completed as part of Research Project RSCH015-720.						

BORING LOG 2 WILLIAMSTOWN BR# 0204(4).GPJ VERMONT AOT.GDT 9/7/12

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