



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

BORING LOG

WALLINGFORD
 STP 0138(11)
 VT-140

Boring No.: **B-201**

Page No.: 1 of 1

Pin No.: 12C408

Checked By: END

Boring Crew: JUDKINS, DAIGNEAULT, HOOK
 Date Started: 11/07/14 Date Finished: 11/07/14
 VTSPG NAD83: N 349878.71 ft E 1527189.79 ft
 Station: 164+87.5 Offset: 10.50
 Ground Elevation: 1198.76 ft

Casing: WB
 Sampler: _____
 Type: WB
 I.D.: 4 in
 Hammer Wt: N.A. N.A.
 Hammer Fall: N.A. N.A.
 Hammer/Rod Type: _____
 Rig: CME 55 TRACK C = _____

Groundwater Observations		
Date	Depth (ft)	Notes
11/07/14	3.4	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.42		Asphalt Pavement, 0.0 ft - 0.42 ft					
2.5		Field Note:, NXDC, Cobbles & stones					
5.0		Field Note:, NXDC, Cobbles & stones					
7.5							
10.0		Field Note:, NXDC, Cobbles & stones					
10.5		Hole stopped @ 10.5 ft No bedrock to depth.					
12.5		Remarks: Hole collapsed at 4.5 ft.					
15.0							
17.5							
20.0							
22.5							

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 WALLINGFORD STP 0138(11).GPJ_VERMONT AOT.GDT 1/16/15



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Boring No.: B-202
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 Checked By: END

Boring Crew: JUDKINS, HOOK, NIETO
 Date Started: 11/06/14 Date Finished: 11/06/14
 VTSPG NAD83: N 349896.76 ft E 1527262.57 ft
 Station: 165+62.5 Offset: 10.30
 Ground Elevation: 1201.49 ft

Casing WB Sampler _____
 Type: WB
 I.D.: 4 in
 Hammer Wt: N.A. N.A.
 Hammer Fall: N.A. N.A.
 Hammer/Rod Type: _____
 Rig: CME 55 TRACK C. =

Groundwater Observations		
Date	Depth (ft)	Notes
11/06/14	4.0	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.42		Asphalt Pavement, 0.0 ft - 0.42 ft					
2.5 - 4.5		NXDC, Cobbles & stones, 2.5 ft - 4.5 ft					
4.5 - 6.5		NXDC, Cobbles & stones, 4.5 ft - 6.5 ft					
6.5 - 8.5		NXDC, Cobbles & stones, 6.5 ft - 8.5 ft					
8.5 - 10.1		NXDC, Cobbles & stones, 8.5 ft - 10.1 ft					
10.1 - 12.5		Hole stopped @ 10.1 ft No bedrock to depth.					
12.5 - 22.5		Remarks: Hole collapsed at 6.2 ft.					

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Boring No.: B-203

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Checked By: END

Boring Crew: JUDKINS, HOOK, NIETO
 Date Started: 11/06/14 Date Finished: 11/06/14
 VTSPG NAD83: N 349966.50 ft E 1527459.59 ft
 Station: 167+70.0 Offset: 10.40
 Ground Elevation: 1208.51 ft

Casing WB Sampler _____
 Type: WB
 I.D.: 4 in
 Hammer Wt: N.A. N.A.
 Hammer Fall: N.A. N.A.
 Hammer/Rod Type: _____
 Rig: CME 55 TRACK C. =

Groundwater Observations		
Date	Depth (ft)	Notes
11/06/14	1.8	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.6		Asphalt Pavement, 0.0 ft - 0.6 ft					
0.6 - 2.5		Gravel & Sand, 0.6 ft - 2.5 ft, Cleaned out with roller cone.					
2.5 - 3.4							
3.4 - 5.0		NXDC, Sand & Cobbles, 3.4 ft - 5.0 ft					
5.0 - 6.0							
6.0 - 7.8		NXDC, Cobbles & stones, 6.0 ft - 7.8 ft					
7.8 - 8.2							
8.2 - 10.0		NXDC, Gravel & Sand, 8.2 ft - 10.0 ft					
10.0 - 12.5		Hole stopped @ 10.0 ft No bedrock to depth.					
12.5 - 15.0		Remarks: Hole collapsed at 6.1 ft.					
15.0 - 17.5							
17.5 - 20.0							
20.0 - 22.5							

Notes: 1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
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Boring No.: B-204
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Boring Crew: DAIGNEAULT, JUDKINS, NIETO
 Date Started: 11/05/14 Date Finished: 11/06/14
 VTSPG NAD83: N 349997.19 ft E 1527519.76 ft
 Station: 168+37.5 Offset: 7.90
 Ground Elevation: 1213.07 ft

Casing WB Sampler _____
 Type: WB
 I.D.: 4 in
 Hammer Wt: N.A. N.A.
 Hammer Fall: N.A. N.A.
 Hammer/Rod Type: _____
 Rig: CME 45C SKID C =

Groundwater Observations

Date	Depth (ft)	Notes
11/06/14	4.9	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.72		Asphalt Pavement, 0.0 ft - 0.72 ft					
1.4 - 3.0		NXDC, Appears to be Cobbles, 1.4 ft - 3.0 ft					
6.7 - 7.8		NXDC, Cobbles, 6.7 ft - 7.8 ft					
8.0 - 11.8		NXDC, Boulder, 8.0 ft - 11.8 ft, Broke through boulder at 11.8 ft.					
12.5 - 11.8		Hole stopped @ 11.8 ft No bedrock to depth.					
4.7		Remarks: Hole collapsed at 4.7 ft.					

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Boring Crew: DAIGNEAULT, HOOK, NIETO
 Date Started: 11/05/14 Date Finished: 11/05/14
 VTSPG NAD83: N 350025.20 ft E 1527580.91 ft
 Station: 169+05.0 Offset: 7.80
 Ground Elevation: 1219.32 ft

Casing WB Sampler _____
 Type: WB
 I.D.: 4 in
 Hammer Wt: N.A. N.A.
 Hammer Fall: N.A. N.A.
 Hammer/Rod Type: _____
 Rig: CME 45C SKID C =

Groundwater Observations		
Date	Depth (ft)	Notes
11/05/14	5.2	Casing removed.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0.0 - 0.72		Asphalt Pavement, 0.0 ft - 0.72 ft					
2.5							
3.8 - 5.0		NXDC, Appears to be Cobbles, 3.8 ft - 5.0 ft					
5.0 - 8.7							
8.7 - 10.0		NXDC, Appears to be Cobbles, 8.7 ft - 10.0 ft					
10.0 - 22.5		Hole stopped @ 10.0 ft No bedrock to depth. Remarks: Hole collapsed at 9.5 ft.					

Notes:
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