



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

BORING LOG

POULTNEY
STP 015-2(9)
VT-30 SLIDE

Boring No.: B-101
Page No.: 1 of 1
Pin No.: 11B048
Checked By: NSM

Boring Crew: SALISBURY, GARROW
Date Started: 4/17/12 Date Finished: 4/18/12
VTSPG NAD83: N 375063.43 ft E 1446502.83 ft
Station: 278+06 Offset: -4.00
Ground Elevation: 424.3 ft

Casing: H.S.A. 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: CME 45C TRACK CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0.0 - 0.8		Asphalt Pavement, 0.0 ft - 0.8 ft							
0.8 - 1.2		A-1-b, SaGr, brn, Dry, Rec. = 0.4 ft	10-10-8-5 (18)	4.7	47.7	34.5	17.8		
1.2 - 1.4		Visual Description:, SaGr, brn, Dry, Rec. = 0.2 ft	4-4-4-4 (8)						
1.4 - 3.0		A-4, SaSi, gry, Moist, Rec. = 1.6 ft, Material was Weathered.	6-7-10-12 (17)	18.0	12.8	21.1	66.1	28	4
3.0 - 4.7		Visual Description:, Severely Weather Rock with some clay, gry, Moist, Rec. = 1.4 ft	7-11-11-R@1.0	13.0					
4.7 - 8.7	Hole stopped @ 8.7 ft TLOB - CNPF								

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 POULTNEY STP 015-2(9).GPJ VERMONT AOT.GDT 2/20/13



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BORING LOG

POULTNEY
 STP 015-2(9)
 VT-30 SLIDE

Boring No.: B-102
 Page No.: 1 of 1
 Pin No.: 11B048
 Checked By: NSM

Boring Crew: SALISBURY, GARROW
 Date Started: 4/17/12 Date Finished: 4/18/12
 VTSPG NAD83: N 375220.50 ft E 1446564.10 ft
 Station: 279+75 Offset: -7.00
 Ground Elevation: 421.6 ft

Casing H.S.A. 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: CME 45C TRACK CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0.0 - 0.8		Asphalt Pavement, 0.0 ft - 0.8 ft							
0.8 - 2.5		A-2-4, SiSaGr, brn, Moist, Rec. = 0.7 ft, Material was Weathered.	7-8-5-4 (13)	9.6	36.1	36.0	27.9		
2.5 - 5.0		A-5, Cisi, brn, Moist, Rec. = 1.3 ft, Material was Weathered.	4-3-4-5 (7)	29.7	17.2	24.4	58.4	42	8
5.0 - 7.5		Visual Description:, Cisi, brn, Moist, Rec. = 1.2 ft, Similar material as 3'-5'. Material was Weathered.	2-4-4-4 (8)	22.5	26.4	23.1	50.5		
7.5 - 10.0		A-7-6, Cl, brn, Moist, Rec. = 1.0 ft	3-3-6-8 (9)	33.0	2.0	6.7	91.3	51	26
10.0 - 12.0		Visual Description:, Cl, gry, Moist, Rec. = 1.0 ft, Similar material as 7'-8'. Material was Weathered.		26.9	7.0	3.7	89.3		
12.0 - 12.5		A-4, SaGrSi, brn-gry, Moist, Rec. = 1.4 ft, Material was Weathered.	4-4-4-3 (8)	16.4	29.1	26.2	44.7	28	4
12.5 - 17.5		Hole stopped @ 12.0 ft TLOB - CNPF							

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 POULTNEY_STP_015-2(9).GPJ VERMONT AOT.GDT 2/20/13



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BORING LOG

POULTNEY
 STP 015-2(9)
 VT-30 SLIDE

Boring No.: B-102A
 Page No.: 1 of 1
 Pin No.: 11B048
 Checked By: MLM

Boring Crew: SALISBURY, GARROW, MEYERS
 Date Started: 8/27/12 Date Finished: 8/27/12
 VTSPG NAD83: N 375218.82 ft E 1446562.97 ft
 Station: 279+73 Offset: -7.50
 Ground Elevation: 421.6 ft

Casing: H.S.A. Sampler: TUBE
 I.D.: 3.25 in 3 in
 Hammer Wt: N.A. N.A.
 Hammer Fall: N.A. N.A.
 Hammer/Rod Type: _____
 Rig: CME 45C TRACK CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		Same day drilling.

Depth (ft)	Strata (I)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Field Note:, Asphalt Pavement							
2.5									
		Field Note:, Si Shelby Tube, brn, Moist, Rec. = 1.7 ft							
5.0									
		Field Note:, Si Shelby Tube, brn, Moist, Rec. = 1.7 ft							
7.5		A-7-5, Cl, brn, Moist, Rec. = 1.3 ft, Shelby Tube sample U3		21.9				45	24
		Hole stopped @ 8.0 ft TLOB - CNPF							
10.0									
12.5									
15.0									
17.5									

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.

BORING LOG 2 POULTNEY STP 015-2(9).GPJ VERMONT AOT.GDT 2/20/13



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BORING LOG

POULTNEY
STP 015-2(9)
VT-30 SLIDE

Boring No.: B-103
Page No.: 1 of 1
Pin No.: 11B048
Checked By: NSM

Boring Crew: SALISBURY, GARROW
Date Started: 4/17/12 Date Finished: 4/17/12
VTSPG NAD83: N 375384.53 ft E 1446639.37 ft
Station: 281+55 Offset: -4.20
Ground Elevation: 419.0 ft

Casing: H.S.A. 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: CME 45C TRACK CE = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (I)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Asphalt Pavement, 0.0 ft - 0.6 ft							
2.5		Visual Description:, Gravely sand, brn, Moist, Rec. = 1.0 ft, Asphalt mixed with the sample.	4-7-7-5 (14)						
5.0		Visual Description:, CIsi, brn, Moist, Rec. = 1.2 ft, Similar material as B-102 3'-5' Material was Weathered.	6-5-5-5 (10)	21.8	20.3	18.8	60.9		
5.0		A-7-6, Cl, brn, Moist, Rec. = 1.5 ft	2-3-5-6 (8)	33.4		4.7	95.3	54	28
7.5		Visual Description:, CIsi, brn, Moist, Rec. = 1.5 ft, Material had less clay and more silt then the 5'-7' sample. Material was Weathered.	2-4-5-7 (9)	25.5	8.4	9.1	82.5		
10.0		Visual Description:, Broken Rock with sandy silt, brn, Moist, Rec. = 1.0 ft	6-20- R@6.0"	8.4					
		Hole stopped @ 10.5 ft TLOB - CNPF							

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BORING LOG 2 POULTNEY STP 015-2(9).GPR VERMONT AOT.GDT 2/20/13



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BORING LOG

POULTNEY
 STP 015-2(9)
 VT-30 SLIDE

Boring No.: B-103A
 Page No.: 1 of 1
 Pin No.: 11B048
 Checked By: MLM

Boring Crew: SALISBURY, GARROW, MEYERS
 Date Started: 8/27/12 Date Finished: 8/27/12
 VTSPG NAD83: N 375386.53 ft E 1446639.68 ft
 Station: 281+57.2 Offset: -4.70
 Ground Elevation: 419.0 ft

Casing Type: H.S.A. Sampler: TUBE
 I.D.: 3.25 in 3 in
 Hammer Wt: N.A. N.A.
 Hammer Fall: N.A. N.A.
 Hammer/Rod Type: _____
 Rig: CME 45C TRACK CE = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		Same day drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
		Field Note:, Asphalt Pavement							
2.5									
		Field Note:, SiSa Shelby Tube, brn, Moist, Rec. = 1.2 ft							
5.0		A-7-6, Cl, brn, Moist, Rec. = 2.0 ft, Shelby Tube sample U2		35.8				66	41
7.5		Field Note:, GrCl Shelby Tube, brn, Moist, Rec. = 1.5 ft							
10.0		Hole stopped @ 9.0 ft							
12.5									
15.0									
17.5									

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BORING LOG 2 POULTNEY STP 015-2(9).GPJ VERMONT AOT.GDT 2/20/13



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BORING LOG

POULTNEY
 STP 015-2(9)
 VT-30 SLIDE

Boring No.: B-104
 Page No.: 1 of 1
 Pin No.: 11B048
 Checked By: NSM

Boring Crew: SALISBURY, GARROW
 Date Started: 4/17/12 Date Finished: 4/17/12
 VTSPG NAD83: N 375476.80 ft E 1446695.72 ft
 Station: 282+63 Offset: 8.50
 Ground Elevation: 417.9 ft

Casing: H.S.A. 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: CME 45C TRACK CE = 1.34

Groundwater Observations		
Date	Depth (ft)	Notes
04/17/12	12.1	While Drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	LL %	PI %
0.0 - 0.8		Asphalt Pavement, 0.0 ft - 0.8 ft							
0.8 - 2.5		A-1-b, SiSaGr, brn, Dry, Rec. = 0.7 ft	8-10-6-5 (16)	6.1	44.3	33.9	21.8		
2.5 - 5.0		A-2-4, GrSiSa, gry, Moist, Rec. = 1.2 ft	5-8-6-3 (14)	11.3	31.5	35.9	32.6		
5.0 - 7.5		Visual Description:, SiCl, gry, Moist, Rec. = 1.4 ft, Similar material as 7'-9'.	2-3-5-6 (8)	25.8	3.4	14.9	81.7		
7.5 - 10.0		A-6, SiCl, gry, Moist, Rec. = 1.5 ft	3-2-4-7 (6)	28.4	1.3	15.2	83.5	33	11
10.0 - 15.0		A-2-4, SaSiGr, brn, Moist, Rec. = 1.1 ft	4-8-8-10 (16)	10.3	36.6	30.9	32.5		
15.0 - 16.0		Visual Description:, Mostly Weathered Rock with silt, brn, Moist, Rec. = 1.0 ft	5-25-R@0.0"	17.6					
16.0 - 17.5		Hole stopped @ 16.0 ft TLOB - CNPF							

BORING LOG 2 POULTNEY STP 015-2(9) GPJ VERMONT AGT.GDT 2/20/13

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