



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

BORING LOG

Boring No.: **B-101**

GUILFORD
BF 0113(68)
US-5 BR-5

Page No.: **1 of 1**

Pin No.: **13C064**

Checked By: **CEE**

Boring Crew: GARROW, WHITLOCK, NIETO

Date Started: 10/22/14 Date Finished: 10/23/14

VTSPG NAD83: N 115364.14 ft E 1620347.75 ft

Station: 3+01 Offset: -8.90

Ground Elevation: 400.8 ft

Type: WB Sampler 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 TRACK C = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.44 ft								
5		A-1-b, SaGr, brn, gry, Moist, Rec. = 1.6 ft				25-13-12-12 (25)	10.2	43.6	41.9	14.5
		A-1-b, SiGrSa, gry, Moist, Rec. = 1.8 ft, Cleaned out with NXDC.				14-12-10-12 (22)	9.7	29.5	50.2	20.3
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.3 ft				6-8-7-8 (15)	14.2	21.6	54.6	23.8
10		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft, Cleaned out with NXDC.				9-8-9-10 (17)	8.9	48.3	39.9	11.8
		A-1-b, GrSa, brn, gry, Moist, Rec. = 0.8 ft, Cleaned out with Roller Cone.				6-6-9-9 (15)	11.4	42.5	45.1	12.4
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.5 ft, Cleaned out with Roller Cone.				3-6-6-9 (12)	11.8	27.7	51.3	21.0
15		A-1-b, GrSa, brn, gry, Moist, Rec. = 11.6 ft, Cleaned out with NXDC.				6-4-4-4 (8)	11.6	34.8	51.7	13.5
		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft				5-6-6-6 (12)	12.9	48.0	40.7	11.3
		Lab Note, Mostly Broken Rock, brn, Moist, Rec. = 0.5 ft				23-28-19-R@5.0" (47)	11.1	64.7	29.2	6.1
20		Field Note: Cobbles & stones								
		Field Note: No Recovery				9-4-5-9 (9)				
		A-4, SiSa, gry-Dk/brn, Moist, Rec. = 0.8 ft, Material tested: Little Organics (12.4%)				5-3-5-5 (8)	63.8	17.5	45.1	37.4
25		A-1-b, GrSa, gry-brn, Moist, Rec. = 0.8 ft, Lab Note: Lots of Broken Rock was within sample.				5-3-44-R@1.0" (47)	12.6	51.8	30.8	17.4
30		28.1 ft - 33.1 ft, Dark-gray to black, Phyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Poor rock, NXMDC, RMR = 36	1 (?)	27 (0)	7	Top of Bedrock @ 28.1 ft				
					8					
					12					
35		33.1 ft - 38.1 ft, Dark-gray to black, Phyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Poor rock, NXMDC, Black Phyllite beds very contorted. RMR = 36	2 (10)	82 (0)	12					
					7					
					4					
40		38.1 ft - 43.1 ft, Dark-gray to black, Phyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Poor rock, NXMDC, RMR = 36	3 (70)	74 (14)	3					
					4					
					4					
		Hole stopped @ 43.1 ft								

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 GUILFORD BF 0113(68).GPJ VERMONT AOT.GDT 11/12/14



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CENTRAL LABORATORY

BORING LOG

GUILFORD
BF 0113(68)
US-5 BR-5

Boring No.: **B-102**
Page No.: **1 of 1**
Pin No.: **13C064**
Checked By: **CEE**

Boring Crew: GARROW, HOOK, NIETO
Date Started: 10/24/14 Date Finished: 10/27/14
VTSPG NAD83: N 115367.27 ft E 1620364.21 ft
Station: 2+99 Offset: 9.80
Ground Elevation: 400.2 ft

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 TRACK C = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Groundwater Observations				
						Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.83 ft								
		Visual Description:, Broken Asphalt Pavement, blk-brn, Moist, Rec. = 0.4 ft				10-17-12-8 (29)	10.0			
5		A-1-b, GrSa, brn, Moist, Rec. = 0.4 ft, Cleaned out casing with roller cone.				5-6-4-3 (10)	10.7	38.8	44.9	16.3
		A-2-4, GrSiSa, brn, Moist, Rec. = 0.7 ft				4-4-3-5 (7)	14.6	21.0	57.0	22.0
		Visual Description:, SiGrSa, brn, Moist, Rec. = 0.2 ft, Insufficient sample for testing.				4-5-3-4 (8)	9.4			
10		Visual Description:, GrSiSa, brn-white, Moist, Rec. = 0.2 ft, Insufficient sample for testing.				5-5-15-8 (20)	7.8			
		NXDC, Cleaned out casing.				16-12-7-22 (19)	11.7	44.7	44.5	10.8
		A-1-b, SaGr, brn-gry, Moist, Rec. = 0.3 ft, NXDC, Cleaned out casing.				R@3.5" (R)				
15		Field Note:, Boulders and stones, NXDC, Cleaned out casing.								
		A-2-4, GrSiSa, brn, Moist, Rec. = 0.8 ft				3-1-3-4 (4)	32.7	20.5	52.2	27.3
		A-2-4, SiSa, brn, Moist, Rec. = 0.4 ft, Lab Note: Broken Rock was within sample.				16-19-22-28 (41)	13.5	18.3	47.3	34.4
20		A-1-b, SaGr, gry-brn, Moist, Rec. = 0.2 ft, Lab Note: Mostly Broken Rock with sand.				R@2.5" (R)	9.1	47.4	34.9	17.7
		A-1-b, SaGr, gry, Moist, Rec. = 0.2 ft, Lab Note: Mostly Broken Rock with sand.				R@2.5" (R)	11.4	45.3	40.6	14.1
25		22.2 ft - 26.2 ft, Dark-gray to black, Phyllite and slate and light-gray metasandstone, Moderately hard, Moderately weathered, Poor rock, NXMDC, Black Phyllite beds contorted. RMR = 30	1 (70)	45 (0)	6 6 6 7					
		26.2 ft - 31.2 ft, Dark-gray to black, Phyllite and slate and light-gray metasandstone, Moderately hard, Moderately weathered, Poor rock, NXMDC, Black Phyllite beds contorted. RMR = 30	2 (20)	50 (24)	4 5 7 5 5					
30		31.2 ft - 36.2 ft, Dark-gray to black, Phyllite and slate and light-gray metasandstone, Moderately hard, Moderately weathered, Poor rock, NXMDC, Black Phyllite beds contorted. RMR = 35	3 (20-80)	94 (34)	4 5 4 6 5					
35										
		Hole stopped @ 36.2 ft								
40		Remarks: Hole collapsed at 16.2 ft.								

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 GUILFORD BF 0113(68).GPJ VERMONT AOT.GDT 11/12/14



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BORING LOG

GUILFORD
BF 0113(68)
US-5 BR-5

Boring No.: **B-103**
Page No.: 1 of 1
Pin No.: 13C064
Checked By: CEE

Boring Crew: GARROW, WHITLOCK, NIETO
Date Started: 10/20/14 Date Finished: 10/21/14
VTSPG NAD83: N 115447.99 ft E 1620320.83 ft
Station: 3+89 Offset: -9.70
Ground Elevation: 398.9 ft

Casing Type: WB Sampler: 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 TRACK C_s = 1.34

Groundwater Observations

Date	Depth (ft)	Notes
		No water to depth.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.65 ft								
		A-1-b, SiGrSa, brn-gry, Moist, Rec. = 1.2 ft, Lab Note: Broken Rock was within sample.				25-13-11-7 (24)	7.5	28.9	48.0	23.1
		A-2-4, SiGrSa, brn, Moist, Rec. = 0.8 ft, Lab Note: Broken Rock was within sample.				4-2-10-6 (12)	19.5	24.5	54.8	20.7
5		A-2-4, SiGrSa, brn, Moist, Rec. = 0.6 ft, NXDC, Cleaned out casing. Lab Note: Broken Rock was within sample.				2-5-2-2 (7)	10.7	28.9	47.5	23.6
		Visual Description:, Broken Rock, gry, Moist, Rec. = 0.4 ft, NXDC, Cleaned out casing.				2-4-5-11 (9)	5.1			
10		A-1-a, SaGr, gry-brn, Moist, Rec. = 1.0 ft, Lab Note: Broken Rock & some Weathered Rock were within sample.				5-4-7-7 (11)	11.9	56.3	32.3	11.4
		A-1-a, SaGr, gry, Moist, Rec. = 1.3 ft, Lab Note: Very soft Broken Rock pieces & some Weathered Rock were within sample.				19-22-27-30 (49)	7.5	57.0	30.7	12.3
		Visual Description:, Very Weathered Rock, gry, Moist, Rec. = 0.6 ft				35-R@1.0" (R)	14.9			
15		Field Note:, NXDC, Cleaned out casing.								
		Field Note:, No Recovery								
		15.1 ft - 20.1 ft, Dark-gray to black, Pyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Fair rock, NXMDC, Black Phyllite beds very contorted. RMR = 46	1 (70)	88 (60)	3					
20		20.1 ft - 25.1 ft, Dark-gray to black, Pyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 46	2 (45)	100 (70)	3					
25		Hole stopped @ 25.1 ft								

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BORING LOG

GUILFORD
BF 0113(68)
US-5 BR-5

Boring No.: **B-104**
Page No.: **1 of 1**
Pin No.: **13C064**
Checked By: **CEE**

Boring Crew: GARROW, HOOK, NIETO
Date Started: 10/28/14 Date Finished: 10/29/14
VTSPG NAD83: N 115452.66 ft E 1620333.79 ft
Station: 3+89 Offset: 8.60
Ground Elevation: 398.7 ft

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 C = 1.33

Groundwater Observations

Date	Depth (ft)	Notes
10/29/14	10.1	AM, Before drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (ROD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 0.75 ft								
		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft, Cleaned out casing with roller cone.				19-14-9-6 (23)	10.6	38.8	45.4	15.8
		A-1-a, SaGr, brn, Moist, Rec. = 0.5 ft, Lab Note: Mostly Broken Rock with sand.				10-7-R@0.0" (R)	6.8	68.6	24.5	6.9
5		Field Note: NXDC, Cleaned out casing				R@3.5" (R)	7.2			
		Visual Description: Broken Rock, gry, Moist, Rec. = 0.2 ft								
		Field Note: NXDC, Boulders & Cobbles								
		A-1-a, SaGr, gry-brn, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock & some Weathered Rock pieces were within sample.				22-27-18-21 (45)	11.2	49.9	36.1	14.0
10		A-1-a, SaGr, gry, Moist, Rec. = 1.1 ft, Lab Note: Broken Rock & some Weathered Rock pieces were within sample.				28-41-30-R (71)	11.9	49.3	33.3	17.4
		Field Note: NXDC, Cleaned out casing								
15		12.8 ft - 17.8 ft, Dark gray, Pyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 50	1 (85)	100 (72)	6					
					7					
					8					
					8					
					4					
		17.8 ft - 22.8 ft, Dark gray, Pyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 50	2 (85)	100 (50)	5					
20					8					
					7					
					6					
					7					
		22.8 ft - 25.3 ft, Dark gray, Pyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 45	3 (80)	100 (43)	7					
25					6					
					3					
		25.3 ft - 27.3 ft, Dark-gray to black, Phyllite, Moderately hard, Unweathered, Poor rock, NXMDC, RMR = 40	4 (?)	50 (0)	4					
					10					
		27.3 ft - 29.3 ft, Dark gray, Pyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Poor rock, NXMDC, RMR = 40	5 (50)	65 (0)	5					
30					9					
		29.3 ft - 31.0 ft, Dark gray, Pyllite and slate and light-gray metasandstone, Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 50	6 (70)	65 (50)	4					
					4					
		Hole stopped @ 31.0 ft								
35		Remarks: Hole collapsed at 11.2 ft.								

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 GUILFORD BF 0113(68).GPJ VERMONT AOT.GDT 11/12/14



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BORING LOG


**GUILFORD
 BF 0113(68)
 US-5 BR-5**

Boring No.: **B-105**
 Page No.: 1 of 1
 Pin No.: 13C064
 Checked By: CEE

Boring Crew: GARROW, DAIGNEAULT, NIETO
 Date Started: 10/30/14 Date Finished: 10/30/14
 VTSPG NAD83: N 115468.22 ft E 1620341.27 ft
 Station: 4+00 Offset: 19.10
 Ground Elevation: 396.6 ft

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 55 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
10/30/14	6.2	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5										
10		NXDC, Cobbles with sand and some wood particles, 10.7 ft								
15		13.8 ft - 18.8 ft, Dark gray, Pyllite and slate and light-gray metasandstone, Moderately hard, Moderately weathered, Fair rock, NXMDC, RMR = 47	1 (60)	98 (98)	4	Top of Bedrock @ 13.8 ft				
20		Hole stopped @ 18.8 ft								
25		Remarks: 1. Hole collapsed at 10.3 ft. 2. No soil samples were taken.								

Notes:
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 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 GUILFORD BF 0113(68).GPJ VERMONT AOT.GDT 11/12/14



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BORING LOG

GUILFORD
BF 0113(68)
US-5 BR-5

Boring No.: **B-106**
 Page No.: **1 of 1**
 Pin No.: **13C064**
 Checked By: **CEE**

Boring Crew: GARROW, HOOK, NIETO
 Date Started: 10/31/14 Date Finished: 10/31/14
 VTSPG NAD83: N 115452.99 ft E 1620300.71 ft
 Station: 4+00 Offset: -25.80
 Ground Elevation: 396.9 ft

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 C_e = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
10/31/14	4.9	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %	
5		NXDC, Cobbles & stones, 11.0 ft NXDC, 12.8 ft									
15		14.4 ft - 17.4 ft, Dark gray, Phyllite & Slate, Moderately hard, Moderately weathered, Poor rock, NXMDC, RMR = 30	1 (?)	20 (0)	3	Top of Bedrock @ 14.4 ft					
20		17.4 ft - 22.4 ft, Light gray, Metasandstone and dark-gray slate and phyllite, Moderately hard, Unweathered, Fair rock, NXMDC, RMR = 46	2 (40)	86 (70)	5 5 7 7 6						
25		Hole stopped @ 22.4 ft Remarks: 1. Hole collapsed at 10.0 ft. 2. No soil samples were taken.									

Notes:
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 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

GUILFORD
BF 0113(68)
US-5 BR-5

Boring No.: **B-107**
 Page No.: 1 of 1
 Pin No.: 13C064
 Checked By: CEE

Boring Crew: GARROW, DAIGNEAULT, NIETO
 Date Started: 10/30/14 Date Finished: 10/30/14
 VTSPG NAD83: N 115362.41 ft E 1620378.09 ft
 Station: 2+87 Offset: 20.80
 Ground Elevation: 399.1 ft

Casing Type: WB Sampler: 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 55 TRACK C = 1.46

Groundwater Observations		
Date	Depth (ft)	Notes
10/30/14	13.1	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
0 - 6.0		Gravelly sand, 6.0 ft								
6.0 - 21.0		NXDC, Cobbles, 15.0 ft								
30.5 - 35.5		30.5 ft - 35.5 ft, Black, Phyllite, Moderately hard, Moderately weathered, Poor rock, NXMDC, Highly contorted bedding. RMR = 30	1 (?)	26 (0)	4 5 5 5					
35.5 - 40.5		35.5 ft - 40.5 ft, Black, Phyllite, Moderately hard, Moderately weathered, Poor rock, NXMDC, Highly contorted bedding. RMR = 30	2 (?)	26 (0)	5 7 5 6 6					
40.5 - 41.5		40.5 ft - 41.5 ft, Quartz, vein	3 (?)	38 (0)	9					
41.5 - 45.5		41.5 ft - 45.5 ft, Black, Phyllite, Moderately hard, Moderately weathered, Poor rock, NXMDC, Highly contorted bedding. RMR = 30			7 5 5 5					
45.5 - 50.0		Hole stopped @ 45.5 ft								
50.0 - 55.0		Remarks: 1. Hole collapsed at 5.3 ft. 2. No soil samples were taken.								

Notes:
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 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 GUILFORD BF 0113(68).GPJ VERMONT AOT.GDT 11/12/14



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BORING LOG


GUILFORD
BF 0113(68)
US-5 BR-5

Boring No.: **B-108**
 Page No.: **1 of 1**
 Pin No.: **13C064**
 Checked By: **CEE**

Boring Crew: DAIGNEAULT, HOOK, JUDKINS
 Date Started: 11/03/14 Date Finished: 11/04/14
 VTSPG NAD83: N 115340.58 ft E 1620342.59 ft
 Station: 3+21 Offset: -21.10
 Ground Elevation: 401.3 ft

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 C = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
11/04/14	6.7	While drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5										
10										
15		Field Note:, NXDC, Cleaned out casing								
20										
25		Field Note:, NXDC, Cleaned out casing								
30										
35		30.7 ft - 35.7 ft, Dark gray, Phyllite & Slate, Moderately hard, Moderately weathered, Poor rock, NXMDC, RMR = 30	1 (?)	40 (0)	4 7 7 7 8	Top of Bedrock @ 30.7 ft				
40		Hole stopped @ 35.7 ft Remarks: 1. Hole collapsed at 7.6 ft. 2. No soil samples were taken.								

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 GUILFORD BF 0113(68).GPJ VERMONT AOT.GDT 11/12/14



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

BORING LOG


GUILFORD
BF 0113(68)
US-5 BR-5

Boring No.: **B-109**
 Page No.: 1 of 1
 Pin No.: 13C064
 Checked By: CEE

Boring Crew: DAIGNEAULT, HOOK, NIETO
 Date Started: 11/04/14 Date Finished: 11/04/14
 VTSPG NAD83: N 115352.91 ft E 1620343.86 ft
 Station: 3+10 Offset: -16.30
 Ground Elevation: 401.2 ft

Casing WB Sampler 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 C_s = 1.33

Groundwater Observations		
Date	Depth (ft)	Notes
11/04/14	9.3	After drilling.

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
5							
10							
15							
20		Field Note:, NXDC, Cobbles & stones					
25							
30		Hole stopped @ 28.3 ft Top of bedrock at 28.3 ft.					
35		Remarks: 1. Top of inferred bedrock, no coring completed to verify. 2. Hole collapsed at 16.6 ft. 3. No soil samples were taken.					
40							

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