



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

BORING NUMBER: B-101
 SHEET 1 of 1
 DATE STARTED: 5/03/07
 DATE COMPLETED: 5/03/07

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 2210+00
 OFFSET: -270.00
 VTSPG: N 614298.81 ft E 1640494.97 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION: 673.29 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: SINGLETON

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-1-b, SaGr, brn, Moist, Rec. = 1.4 ft, The material retained on the 3/4" sieve was Granite (17%)	13	6.6	45.8	38.4	15.8
2.5		Visual Classification: A-1-b, Sa with broken Granite material., brn, Moist, Rec. = 0.1 ft, Insufficient sample for testing.	11				
5.0		Visual Classification: A-2-4, Si Sa, brn, Moist, Rec. = 0.1 ft, Insufficient sample for testing.	5				
		Hole stopped @ 5.3 ft					
7.5		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth. 3. Was unable to perform Infiltration test at 5.3' due to coarse nature of insitu material.					
10.0							
12.5							
15.0							
17.5							

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ - VT.AOT.GBT - 1/10/08



STATE OF VERMONT
 AGENCY OF TRANSPORTATION
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 SUBSURFACE INFORMATION

BORING NUMBER: B-102
 SHEET 1 of 1
 DATE STARTED: 11/03/06
 DATE COMPLETED: 11/03/06

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 2210+60
 OFFSET: -138.00
 VTSPG: N 614353.36 ft E 1640627.72 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION: 678.62 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: SINGLETON

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.0 - 0.3		Asphalt, 0.0 ft - 0.3 ft A-2-4, GrSiSa, brn, Moist, This sample was taken from the Auger flight.		9.0	24.3	49.1	26.6
5		Field Class, Appears to be Fill material with 12 inch minus broken Granite waste with sand., brn, Moist Rec. = 0.31 ft	68				
10		Rec. = 0.51 ft	8				
15		Rec. = 0.3 ft	18				
20		Field Note:, Plugged sample barrel. No recovery.	13				
22.0		Hole stopped @ 22.0 ft					
25		DRILLER'S NOTES: 1. There was no excess material while drilling. 2. The auger pushed material into the side walls of the hole. 3. Material was brought in to fill hole.					

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ - VT.AOT.GBT - 1/10/08



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BORING NUMBER: B-103
 SHEET 1 of 1
 DATE STARTED: 4/30/07
 DATE COMPLETED: 5/01/07

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1206+68
 OFFSET: 29.00
 VTSPG: N 613813.55 ft E 1641348.59 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION: 712.75 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: SINGLETON

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
2.5 5.0 7.5	[Hatched Pattern]	A-4, SaSi, brn, Moist, Rec. = 1.2 ft	6	18.7	7.8	41.8	50.4
		A-4, Si, brn, Moist, Rec. = 1.0 ft	6	29.7	0.0	5.3	94.7
		A-4, SaSi, brn, Moist, Rec. = 0.7 ft		15.8	0.1	40.4	59.5
		A-4, SaSi, brn, Moist, Rec. = 1.8 ft	10	24.5	0.0	26.8	73.2
		A-4, SaSi, brn, Moist, Rec. = 0.7 ft	7	27.2	0.1	20.3	79.6
		A-4, Si, brn, Wet, Rec. = 1.6 ft	9	28.5	0.0	9.7	90.3
10.0		Hole stopped @ 8.75 ft					
12.5		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth. 3. Infiltration test was performed at 6.75 feet.					
15.0							
17.5							

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ - VT.AOT.GBT 1/10/08



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BORING NUMBER: B-104
 SHEET 1 of 1
 DATE STARTED: 4/24/07
 DATE COMPLETED: 4/25/07

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1214+75
 OFFSET: -56.91
 VTSPG: N 613307.68 ft E 1641981.50 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION: 779.86 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: SINGLETON

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
1.9		A-2-4, Sa, brn, Moist, Rec. = 1.9 ft	5	9.7	4.2	81.4	14.4
2.5		A-2-4, Sa, brn, Moist, Rec. = 1.7 ft	21	9.3	18.5	62.1	19.4
5.0		A-1-b, GrSa, brn, Moist, Rec. = 1.4 ft	15	6.9	30.1	52.7	17.2
7.5		A-2-4, Sa, brn, Moist, Rec. = 1.7 ft	8	7.5	10.6	73.9	15.5
10.0		A-2-4, Sa, brn, MTW, Rec. = 1.5 ft	3	22.0	3.8	78.3	17.9
10.0		Hole stopped @ 10.0 ft					
12.5		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth. 3. Infiltration test was attempted at 10.0 feet. Casing was plugged. Drilled a new hole named B-104A and performed the infiltration test there.					
15.0							
17.5							

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ - VT.AOT.GBT 1/10/08



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BORING NUMBER: B-104A
 SHEET 1 of 1
 DATE STARTED: 4/26/07
 DATE COMPLETED: 4/27/07

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1214+70
 OFFSET: -57.00
 VTSPG: N 613306.35 ft E 1641971.30 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION: 779.86 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: SINGLETON

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
2.5							
5.0							
6.7		A-2-4, Sa, brn, Moist, Rec. = 1.7 ft	8	6.9	11.7	70.2	18.1
8.1		A-2-4, Sa, brn, Wet, Rec. = 1.4 ft	3	18.1	5.5	77.7	16.8
10.0		Hole stopped @ 10.0 ft					
12.5		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth. 3. Infiltration test was performed at 8.0 feet.					
15.0							
17.5							

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ - VT.AOT.GBT 1/10/08



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BORING NUMBER: B-105
 SHEET 1 of 1
 DATE STARTED: 11/21/06
 DATE COMPLETED: 11/21/06

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1202+00
 OFFSET: -13.00
 VTSPG: N 614068.03 ft E 1640950.20 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION:
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: SINGLETON

BORING RIG: AUGER TRUCK
 BORING TYPE: AUGER
 SAMPLE TYPE: AUGER
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Field Class., Asphalt					
	x x x x x x	Lab Note., (Possible Fill) The majority of this sample is Granite material., gry, Moist		2.8	23.7	47.3	29.0
2.5		A-4, SiSa, brn, Moist, Some broken Granite material was within this sample.		6.5	17.0	42.9	40.1
		A-4, Si, brn, Moist		17.2	0.3	12.9	86.8
7.5		A-4, Si, brn, Moist		24.1	0.1	9.8	90.1
15.0		Hole stopped @ 15.0 ft					
17.5		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth.					

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BORING NUMBER: B-106
 SHEET 1 of 1
 DATE STARTED: 11/21/06
 DATE COMPLETED: 11/21/06

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1204+00
 OFFSET: -9.00
 VTSPG: N 613980.00 ft E 1641130.54 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION:
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: SINGLETON

BORING RIG: AUGER TRUCK
 BORING TYPE: AUGER
 SAMPLE TYPE: AUGER
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.0 - 2.5		A-4, SaSi, brn, Moist		17.7	4.3	35.5	60.2
2.5 - 6.5		A-4, SiSa, brn, Moist		9.5	0.2	62.0	37.8
6.5 - 15.0		Hole stopped @ 15.0 ft					
15.0 - 17.5		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth.					

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BORING NUMBER: B-107
 SHEET 1 of 1
 DATE STARTED: 11/21/06
 DATE COMPLETED: 11/21/06

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1206+00
 OFFSET: 7.00
 VTSPG: N 613858.87 ft E 1641306.40 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION:
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: SINGLETON

BORING RIG: AUGER TRUCK
 BORING TYPE: AUGER
 SAMPLE TYPE: AUGER
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.0 - 12.5		A-4, SaSi, brn, Moist		17.3	2.4	41.2	56.4
12.5 - 15.0		A-4, SaSi, brn, Wet		23.3	0.5	35.0	64.5
15.0 - 17.5		Hole stopped @ 15.0 ft DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth.					

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BORING NUMBER: B-108
 SHEET 1 of 1
 DATE STARTED: 11/21/06
 DATE COMPLETED: 11/21/06

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1208+50
 OFFSET: 0.00
 VTSPG: N 613745.19 ft E 1641518.30 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION:
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: SINGLETON

BORING RIG: AUGER TRUCK
 BORING TYPE: AUGER
 SAMPLE TYPE: AUGER
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.0		A-2-4, GrSiSa, Dk/brn, Moist		13.7	20.6	49.2	30.2
2.5		A-4, SaSi, brn, Moist		16.9	3.8	31.3	64.9
7.5		A-4, SaSi, brn, Moist		23.7	0.4	35.0	64.6
15.0		Hole stopped @ 15.0 ft					
17.5		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth.					

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BORING NUMBER: B-109
 SHEET 1 of 1
 DATE STARTED: 11/20/06
 DATE COMPLETED: 11/20/06

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1211+00
 OFFSET: -4.00
 VTSPG: N 613601.76 ft E 1641726.37 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION:
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: SINGLETON

BORING RIG: AUGER TRUCK
 BORING TYPE: AUGER
 SAMPLE TYPE: AUGER
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.0		A-4, SaSi, brn, Moist		16.5	2.6	38.8	58.6
2.5		A-4, SaSi, brn, Moist		17.8	0.6	27.1	72.3
11.0		A-4, SiSa, brn, Moist		9.2	1.0	56.7	42.3
15.0		Hole stopped @ 15.0 ft					
17.5		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth.					

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ - VT.AOT.GBT - 1/10/08



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BORING NUMBER: B-110
 SHEET 1 of 1
 DATE STARTED: 11/20/06
 DATE COMPLETED: 11/20/06

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1213+00
 OFFSET: -4.00
 VTSPG: N 613453.11 ft E 1641858.11 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION:
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: SINGLETON

BORING RIG: AUGER TRUCK
 BORING TYPE: AUGER
 SAMPLE TYPE: AUGER
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
0.0 - 1.0	○ ○ ○ ○	A-2-4, Sa, brn, Moist		14.1	11.1	70.7	18.2
1.0 - 7.5	○ ○ ○ ○	A-4, SaSi, brn, Moist		23.7	1.6	22.9	75.5
7.5 - 15.0	○ ○ ○ ○	A-4, SaSi, brn, Moist		18.2	1.0	24.4	74.6
15.0 - 17.5		Hole stopped @ 15.0 ft					
		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth.					

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ - VT.AOT.GBT - 1/10/08



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BORING NUMBER: B-111
 SHEET 1 of 1
 DATE STARTED: 11/20/06
 DATE COMPLETED: 11/20/06

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1215+00
 OFFSET: -15.00
 VTSPG: N 613275.23 ft E 1641946.92 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION:
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: SINGLETON

BORING RIG: AUGER TRUCK
 BORING TYPE: AUGER
 SAMPLE TYPE: AUGER
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Field Class., Asphalt					
	x x x	Lab Note., (Possible Fill) The majority of this sample is Granite material., gry, Moist		2.0	33.4	49.9	16.7
2.5	o o o	A-2-4, SiSa, brn, Moist		9.3	11.7	62.6	25.7
5.0	/ / /	A-4, SaSi, brn, Moist		16.1	9.8	36.3	53.9
10.0	/ / /	A-4, SiSa, brn, Moist		9.5	10.7	51.5	37.8
15.0		Hole stopped @ 15.0 ft					
17.5		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth.					

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ - VT.AOT.GBT - 1/10/08



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BORING NUMBER: B-112
 SHEET 1 of 1
 DATE STARTED: 11/16/06
 DATE COMPLETED: 11/16/06

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 2208+73.41
 OFFSET: 39.00
 VTSPG: N 614161.13 ft E 1640800.02 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION: 687.44 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: SINGLETON

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		Visual Class: Topsoil, brn, Moist, Rec. = 0.7 ft	6				
		A-4, SaSi, brn, Moist, Rec. = 0.2 ft		22.8	1.0	33.3	65.7
		A-4, SaSi, brn, Moist, Rec. = 1.0 ft	WH	23.8	0.7	34.0	65.3
5		A-2-4, SiSa, brn, Moist, Rec. = 1.8 ft	12	14.7	0.9	67.6	31.5
		A-4, SaSi, brn, Moist, Rec. = 1.1 ft	7	22.3	0.3	31.4	68.3
		A-2-4, Sa, brn, Moist, Rec. = 0.5 ft		12.4	7.4	81.9	10.7
		A-1-b, Sa, brn, Moist, Rec. = 1.3 ft	6	10.3	13.7	74.9	11.4
10		A-2-4, SiSa, brn, Moist, Rec. = 0.4 ft, Stone in sampler.	13	12.6	10.9	68.8	20.3
		A-2-4, Sa, brn, Moist, Rec. = 1.3 ft	11	7.9	4.4	80.4	15.2
15		A-4, SiSa, brn, Moist, Rec. = 1.7 ft	11	7.8	0.2	53.0	46.8
20		A-4, SaSi, brn, Moist, Rec. = 1.8 ft	12	13.4	3.3	31.9	64.8
25		A-4, SaSi, brn, Moist, Rec. = 1.8 ft	19	15.5	4.0	36.9	59.1
30		A-4, SaSi, brn, Moist, Rec. = 1.9 ft	18	12.6	2.6	34.8	62.6
		Hole stopped @ 32.0 ft					

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BORING NUMBER: B-113
 SHEET 1 of 1
 DATE STARTED: 5/15/07
 DATE COMPLETED: 5/15/07

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1201+15
 OFFSET: 11.00
 VTSPG: N 614083.23 ft E 1640859.05 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION: 694.88 ft
 GROUNDWATER DEPTH: 46.7 ft 5/15/07
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: SINGLETON

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-4, SaSi, brn, Moist, Rec. = 1.7 ft	5	14.2	2.6	22.1	75.3
		A-4, SaSi, brn, Moist, Rec. = 1.6 ft	5	11.8	1.5	31.5	67.0
10		A-4, Si, brn, Moist, Rec. = 1.9 ft	20	13.5	1.8	19.3	78.9
		A-4, Si, brn, Moist, Rec. = 1.9 ft	21	12.6	3.1	19.7	77.2
20		A-4, Si, brn, Moist, Rec. = 2.0 ft	18	18.2	0.8	6.8	92.4
		A-4, Si, brn, Moist, Rec. = 2.0 ft	26	11.9	1.8	14.9	83.3
30		A-4, SaSi, brn, Moist, Rec. = 2.0 ft	29	9.0	0.5	28.4	71.1
		A-4, Si, brn, Moist, Rec. = 1.9 ft	20	17.1	1.3	18.9	79.8
40		A-4, SaSi, brn, Moist, Rec. = 2.0 ft, Sample contained numerous concretions.	26	14.6	9.7	21.0	69.3
		A-4, SiSa, brn, MTW, Rec. = 1.7 ft	19	22.7	0.5	60.0	39.5
50		A-4, SiSa, brn, Wet, Rec. = 2.0 ft	15	27.6	1.4	56.1	42.5
		Hole stopped @ 52.0 ft					
		DRILLER'S NOTES: 1. No ledge to depth.					

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ VT AOT.GBT 1/10/08



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

BORING NUMBER: B-114
 SHEET 1 of 1
 DATE STARTED: 5/11/07
 DATE COMPLETED: 5/14/07

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1201+75
 OFFSET: 55.00
 VTSPG: N 614024.38 ft E 1640905.42 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION: 716.26 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: SINGLETON

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-4, Si, brn, Moist, Rec. = 1.5 ft	4	19.4	0.2	15.4	84.4
		A-4, Si, brn, Moist, Rec. = 1.9 ft	4	26.9	0.1	8.5	91.4
10		A-4, Si, brn, Moist, Rec. = 1.8 ft	7	20.0	0.0	13.3	86.7
		A-4, Si, brn, Moist, Rec. = 1.8 ft	8	24.2	1.1	7.7	91.2
20		A-4, SaSi, brn, Moist, Rec. = 1.9 ft	33	13.4	8.2	29.4	62.4
		A-4, Si, brn, Moist, Rec. = 1.8 ft	26	20.7	0.7	18.0	81.3
30		A-4, Si, brn, Moist, Rec. = 1.9 ft	39	12.7	3.9	18.6	77.5
		A-4, Si, brn, Moist, Rec. = 1.9 ft	27	21.0	0.1	11.2	88.7
40		A-4, Si, brn, Moist, Rec. = 2.0 ft	33	19.2	9.5	19.2	71.3
		A-4, SiSa, brn, Moist, Rec. = 1.9 ft	32	7.4	0.7	60.2	39.1
50		A-2-4, SiSa, brn, Moist, Rec. = 2.0 ft	35	5.4	1.8	67.8	30.4
		Hole stopped @ 52.0 ft					
		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth.					

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ VT AOT.GBT 1/10/08



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

BORING NUMBER: B-115
 SHEET 1 of 1
 DATE STARTED: 5/09/07
 DATE COMPLETED: 5/09/07

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1202+63
 OFFSET: 20.00
 VTSPG: N 614006.63 ft E 1640998.25 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION: 715.32 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: SINGLETON

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-4, SaSi, brn, Moist, Rec. = 1.4 ft	4	21.3	1.5	25.5	73.0
		A-4, SaSi, brn, Moist, Rec. = 1.4 ft	2	21.2	0.6	23.7	75.7
10		A-4, SaSi, brn, Moist, Rec. = 1.7 ft	5	18.9	0.3	22.0	77.7
		A-4, SiSa, brn, Moist, Rec. = 1.9 ft	7	12.7	0.5	57.4	42.1
20		A-4, SaSi, brn, Moist, Rec. = 1.9 ft	6	14.0	0.1	38.2	61.7
		A-4, SaSi, brn, Moist, Rec. = 2.0 ft	18	7.3	3.2	44.6	52.2
30		A-4, SaSi, brn, Moist, Rec. = 2.0 ft	27	9.1	11.5	41.7	46.8
		A-2-4, Sa, brn, Moist, Rec. = 1.8 ft	21	7.1	4.8	77.9	17.3
40		A-4, SaSi, brn, Moist, Rec. = 1.8 ft	30	16.2	2.3	24.1	73.6
		A-2-4, Sa, brn, Moist, Rec. = 2.0 ft	26	3.5	0.3	82.1	17.6
50		A-4, SaSi, brn, Moist, Rec. = 1.0 ft	35	8.5	0.3	37.8	61.9
		A-4, Si, Dk/gry, Moist, Rec. = 1.0 ft		18.0	0.4	14.8	84.8
Hole stopped @ 52.0 ft							
DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth.							

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ - VT.AOT.GBT 1/10/08



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

BORING NUMBER: B-117
 SHEET 1 of 1
 DATE STARTED: 5/17/07
 DATE COMPLETED: 5/17/07

PROJECT NAME: BARRE CITY - BARRE TOWN
 SITE NAME: VT-14 & TH-6
 STATION: 1205+00
 OFFSET: 15.00
 VTSPG: N 613910.15 ft E 1641208.87 ft

PROJECT NUMBER: MEGC M 6000(11)
 SITE NUMBER: QUARRY ST.
 GROUND ELEVATION: 710.7 ft
 GROUNDWATER DEPTH: No Water Found
 PROJECT PIN NUMBER: 83D106

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: SINGLETON

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
		A-4, SaSi, brn, Moist, Rec. = 1.2 ft	2	26.7	0.4	25.3	74.3
		A-4, Si, brn, Moist, Rec. = 1.6 ft	15	25.8	0.0	5.4	94.6
10		A-4, Si, brn, Moist, Rec. = 1.8 ft	11	21.5	0.0	9.9	90.1
		A-4, Si, brn, Moist, Rec. = 1.9 ft	17	21.8	1.7	6.2	92.1
20		A-4, Si, brn, Moist, Rec. = 2.0 ft	21	20.4	3.4	3.6	93.0
		A-4, Si, brn, Moist, Rec. = 1.9 ft	20	18.0	3.5	9.1	87.4
30		A-4, SaSi, brn, Moist, Rec. = 1.9 ft	12	8.0	0.4	48.8	50.8
		A-4, SaSi, brn, Moist, Rec. = 1.8 ft	22	7.3	2.5	44.1	53.4
40		A-4, SaSi, brn, Moist, Rec. = 1.8 ft	27	6.0	5.6	40.4	54.0
		A-4, SiSa, brn, Moist, Rec. = 1.9 ft	29	5.1	2.4	51.9	45.7
50		A-4, SaSi, brn, Moist, Rec. = 2.0 ft	29	10.3	2.2	31.4	66.4
		Hole stopped @ 52.0 ft					
		DRILLER'S NOTES: 1. No ledge to depth. 2. No water to depth.					

LOG OF BORING - BARRE CITY BARRE TOWN MEGC M6000(11).GPJ VT AOT.GBT 1/10/08