



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

BORING NUMBER: B-101
 SHEET 1 of 1
 DATE STARTED: 7/25/07
 DATE COMPLETED: 7/25/07

PROJECT NAME: MILTON
 SITE NAME: US7 & TH3
 STATION: 300+75.00
 OFFSET: -27.00
 VTSPG: N 784885.92 ft E 1480298.22 ft

PROJECT NUMBER: STP 5800(2)
 SITE NUMBER: ROADWAY-INTERSECTION
 GROUND ELEVATION: 325.5 ft
 GROUNDWATER DEPTH: Hole Caved In
 PROJECT PIN NUMBER: 92D289

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG #9 w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: DLG

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
5	[diagonal lines]	A-4, Si, brn, Moist, Rec. = 1.3 ft	5	25.5	1.6	13.6	84.8		
		A-4, Si, brn, Moist, Rec. = 1.5 ft	2	27.1	0.5	15.4	84.1		
		A-4, Si, brn, Moist, Rec. = 1.4 ft	7	28.2	2.9	10.8	86.3		
		A-4, Si, brn, Wet, Rec. = 1.5 ft	4	28.8	0.8	6.4	92.8		
		A-4, Si, brn, Wet, Rec. = 1.4 ft	1	29.4	2.3	5.2	92.5		
10	[diagonal lines]	A-4, Si, brn, Wet, Rec. = 1.1 ft	4	27.6	2.9	7.5	89.6		
		A-4, Si, brn, Wet, Rec. = 1.4 ft	4	27.9	1.1	3.0	95.9		
		A-4, Si, brn, Wet, Rec. = 1.3 ft	4	28.7	0.1	1.4	98.5		
15	[diagonal lines]	A-4, Si, brn, Wet, Rec. = 1.5 ft	5	28.2	0.1	6.6	93.3		
		A-4, Si, gry, Wet, Rec. = 1.8 ft	3	28.4	0.0	0.7	99.3		
		A-4, Cisi, gry, Wet, Rec. = 0.7 ft	WH	28.7	0.0	1.1	98.9	27	7
20	[diagonal lines]	A-4, Si, gry, Wet, Rec. = 1.1 ft		27.7	0.0	2.7	97.3	23	4
25	[diagonal lines]	A-4, Cisi, gry, Wet, Rec. = 2.0 ft	WH	31.7	0.0	1.3	98.7	29	8
30	[diagonal lines]	A-6, Cl, gry, Moist, Rec. = 2.0 ft	WH	40.6	0.3	3.5	96.2	40	21
		Hole stopped @ 32.0 ft							
35									

LOG OF BORING MILTON STP 5800(2).GPJ VT AOT.GDT 9/5/07



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BORING NUMBER: B-102
 SHEET 1 of 1
 DATE STARTED: 7/31/07
 DATE COMPLETED: 7/31/07

PROJECT NAME: MILTON
 SITE NAME: US7 & TH3
 STATION: 301+66.50
 OFFSET: -33.90
 VTSPG: N 784963.54 ft E 1480234.65 ft

PROJECT NUMBER: STP 5800(2)
 SITE NUMBER: ROADWAY-INTERSECTION
 GROUND ELEVATION: 335.77 ft
 GROUNDWATER DEPTH: Hole Caved In
 PROJECT PIN NUMBER: 92D289

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG #9 w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: DLG

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
5		A-2-4, SiSa, brn, Moist, Rec. = 1.5 ft	3	10.4	0.9	68.4	30.7		
		A-2-4, Sa, brn, Moist, Rec. = 0.9 ft	4	6.2	0.7	85.5	13.8		
10		A-3, Sa, brn, Moist, Rec. = 1.3 ft	9	4.7	0.9	91.0	8.1		
		A-3, Sa, brn, Moist, Rec. = 1.1 ft	11	3.5	19.5	76.0	4.5		
15		A-1-b, GrSa, brn, Moist, Rec. = 1.0 ft	5	3.8	21.5	72.8	5.7		
		A-4, SiSa, brn, Moist, Rec. = 1.0 ft	9	17.7	12.0	49.9	38.1		
20		A-4, Si, brn, Wet, Rec. = 1.6 ft	6	26.3	0.6	8.6	90.8		
		A-4, SaSi, brn, Wet, Rec. = 1.7 ft	5	28.5	1.3	34.2	64.5		
25		A-4, Si, gry, Wet, Rec. = 1.6 ft	3	26.7	0.4	11.6	88.0		
		A-4, Si, gry, Wet, Rec. = 1.5 ft	1	28.2	0.0	3.4	96.6	24	3
30		A-4, Si, gry, Wet, Rec. = 1.0 ft	4	26.9	0.0	9.9	90.1		
		A-4, Si, gry, Wet, Rec. = 2.0 ft	1	29.6	0.0	3.2	96.8	23	3
35		A-4, Si, gry, Wet, Rec. = 2.0 ft	1	30.4	0.0	0.6	99.4	28	5
		Hole stopped @ 32.0 ft							

LOG OF BORING MILTON STP 5800(2).GPJ VT AOT.GDT 9/5/07



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BORING NUMBER: B-103
 SHEET 1 of 1
 DATE STARTED: 7/30/07
 DATE COMPLETED: 7/30/07

PROJECT NAME: MILTON
 SITE NAME: US7 & TH3
 STATION: 302+86.80
 OFFSET: -22.90
 VTSPG: N 785072.79 ft E 1480183.32 ft

PROJECT NUMBER: STP 5800(2)
 SITE NUMBER: ROADWAY-INTERSECTION
 GROUND ELEVATION: 335.99 ft
 GROUNDWATER DEPTH: Hole Caved In at 6.0'
 PROJECT PIN NUMBER: 92D289

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG #9 w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: DLG

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)	
5		A-2-4, Sa, brn, Moist, Rec. = 1.5 ft	5	7.3	11.3	72.5	16.2			
		A-2-4, Sa, brn, Moist, Rec. = 1.6 ft	2	8.1	2.2	82.6	15.2			
		A-2-4, Sa, brn, Moist, Rec. = 0.6 ft	2	9.2	5.9	76.7	17.4			
10		A-3, Sa, brn, Moist, Rec. = 1.3 ft	10	5.2	4.2	90.9	4.9			
			A-1-b, Sa, brn, Wet, Rec. = 1.6 ft	9	9.5	7.9	87.1	5.0		
			A-1-b, Sa, brn, Wet, Rec. = 1.3 ft	5	15.9	17.9	72.5	9.6		
			A-4, SaSi, brn, Wet, Rec. = 1.0 ft	3	23.3	6.6	35.6	57.8		
			A-4, Si, brn, Wet, Rec. = 1.2 ft	2	31.1	0.0	12.2	87.8		
20		A-4, Si, brn, Wet, Rec. = 1.2 ft	3	28.1	0.0	3.8	96.2	25	3	
		A-4, ClSi, gry, Wet, Rec. = 2.0 ft	WH	30.5	0.0	1.4	98.6	28	7	
		A-4, Si, gry, Wet, Rec. = 2.0 ft	WH	30.6	0.0	0.8	99.2	26	4	
		A-4, ClSi, gry, Wet, Rec. = 2.0 ft	WH	31.4	0.0	0.6	99.4	29	8	
30		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	WH	35.7	0.0	3.8	96.2	35	17	
		Hole stopped @ 32.0 ft								
35										

LOG OF BORING MILTON STP 5800(2).GPJ VT AOT.GDT 9/5/07



STATE OF VERMONT
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BORING NUMBER: B-104
 SHEET 1 of 1
 DATE STARTED: 7/23/07
 DATE COMPLETED: 7/24/07

PROJECT NAME: MILTON
 SITE NAME: US7 & TH3
 STATION: 300+75.00
 OFFSET: 29.00
 VTSPG: N 784927.73 ft E 1480335.22 ft

PROJECT NUMBER: STP 5800(2)
 SITE NUMBER: ROADWAY-INTERSECTION
 GROUND ELEVATION: 324.0 ft
 GROUNDWATER DEPTH: 24.2 ft 7/24/07
 PROJECT PIN NUMBER: 92D289

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG #9 w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: DLG

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		A-2-4, Sa, brn, Moist, Rec. = 0.7 ft	2	11.4	8.0	72.7	19.3		
		A-3, Sa, brn, Moist, Rec. = 1.3 ft	7	4.3	2.7	92.2	5.1		
5		A-2-4, Sa, brn, Moist, Rec. = 1.4 ft	8	8.4	1.2	80.6	18.2		
		A-4, Si, brn, Moist, Rec. = 1.9 ft	4	29.9	0.0	3.6	96.4		
		A-4, Si, brn, Wet, Rec. = 1.0 ft	4	30.9	0.0	2.7	97.3		
10		A-4, Si, brn, Wet, Rec. = 1.3 ft	4	31.0	0.0	7.0	93.0		
15		A-4, Si, gry, Wet, Rec. = 1.5 ft	5	27.9	0.0	5.5	94.5		
20		A-4, Si, gry, Wet, Rec. = 1.9 ft	WH	30.1	0.0	0.8	99.2	24	2
25		A-4, ClSi, gry, Wet, Rec. = 2.0 ft	WH	33.5	0.0	0.6	99.4	30	9
30		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft	3	51.7	0.3	2.2	97.5	57	35
35		A-7-6, Cl, gry, Moist, Rec. = 2.0 ft	1	46.0	0.0	0.8	99.2	50	29
		Hole stopped @ 37.0 ft							

LOG OF BORING MILTON STP 5800(2).GPJ VT.AOI.GDT 9/5/07



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

BORING NUMBER: B-105
 SHEET 1 of 1
 DATE STARTED: 7/26/07
 DATE COMPLETED: 7/26/07

PROJECT NAME: MILTON
 SITE NAME: US7 & TH3
 STATION: 302+00.50
 OFFSET: 16.20
 VTSPG: N 785018.08 ft E 1480260.67 ft

PROJECT NUMBER: STP 5800(2)
 SITE NUMBER: ROADWAY-INTERSECTION
 GROUND ELEVATION: 331.95 ft
 GROUNDWATER DEPTH: Hole Caved In
 PROJECT PIN NUMBER: 92D289

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG #9 w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: DLG

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		A-1-b, GrSa, brn, Moist, Rec. = 1.1 ft	5	3.0	31.9	61.4	6.7		
		A-4, SaSi, brn, Moist, Rec. = 1.1 ft	6	22.5	0.0	34.6	65.4		
5		A-4, Si, brn, Moist, Rec. = 1.2 ft	4	25.6	0.4	8.4	91.2		
		A-4, SaSi, brn, Wet, Rec. = 1.2 ft	7	24.2	0.7	33.9	65.4		
		A-4, Si, brn, Wet, Rec. = 1.4 ft	6	28.2	0.0	5.8	94.2		
10		A-4, Si, gry, Wet, Rec. = 1.4 ft	2	26.1	0.0	3.5	96.5	23	2
15		A-4, Si, gry, Wet, Rec. = 1.5 ft	WH	29.1	0.0	2.0	98.0	24	3
20		A-4, ClSi, gry, Wet, Rec. = 2.0 ft	2	29.5	0.0	0.9	99.1	27	7
25		A-6, SiCl, gry, Wet, Rec. = 2.0 ft	2	35.6	0.0	1.5	98.5	36	17
		Hole stopped @ 27.0 ft							
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35									

LOG OF BORING MILTON STP 5800(2).GPJ VT AGT.GDT 9/5/07



STATE OF VERMONT
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 MATERIALS & RESEARCH SECTION
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BORING NUMBER: B-106
 SHEET 1 of 1
 DATE STARTED: 7/27/07
 DATE COMPLETED: 7/27/07

PROJECT NAME: MILTON
 SITE NAME: US7 & TH3
 STATION: 302+79.02
 OFFSET: 18.00
 VTSPG: N 785086.70 ft E 1480222.42 ft

PROJECT NUMBER: STP 5800(2)
 SITE NUMBER: ROADWAY-INTERSECTION
 GROUND ELEVATION: 335.39 ft
 GROUNDWATER DEPTH: 23.0 ft 7/27/07
 PROJECT PIN NUMBER: 92D289

BORING CREW
 CREW CHIEF: PORTER
 DRILLER: PORTER
 LOGGER: WERNER

BORING RIG: LAG TRACK RIG #9 w/AUTO HAMMER
 BORING TYPE: HOLLOW STEM AUGER
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: DLG

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)	LL (%)	PI (%)
		A-2-4, Sa, brn, Moist, Rec. = 1.1 ft	3	5.8	5.6	82.0	12.4		
		A-3, Sa, brn, Moist, Rec. = 1.4 ft	5	5.3	12.6	82.8	4.6		
5		A-1-b, GrSa, brn, Moist, Rec. = 1.6 ft	14	3.9	36.0	56.6	7.4		
		A-1-b, GrSa, brn, Moist, Rec. = 1.6 ft	15	5.2	20.7	72.2	7.1		
		A-1-b, Sa, brn, Wet, Rec. = 1.4 ft	9	15.4	9.2	86.1	4.7		
10		A-4, SaSi, brn, Wet, Rec. = 1.0 ft	6	24.2	4.9	34.3	60.8		
15		A-4, Si, gry, Wet, Rec. = 1.3 ft	4	28.3	0.1	10.7	89.2		
20		A-4, Si, gry, Wet, Rec. = 1.8 ft	WH	28.5	0.0	3.1	96.9	24	4
25		A-4, ClSi, gry, Wet, Rec. = 1.7 ft	WH	31.3	0.0	0.8	99.2	29	10
		Hole stopped @ 27.0 ft							
30									
35									

LOG OF BORING MILTON STP 5800(2).GPJ VT AGT.GDT 9/5/07