

CIA		Project No: 23036.1000.32000 Client: Vermont Agency of Transportation Contractor: Mike's Boring & Coring Driller: D. Johnson Inspector: K. Owens				STP 2913(1) Weathersfield Auger Probe Drilling Notes										
BORING NO.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION		LABORATORY RESULTS								
						SOIL TYPE, COLOR, MOISTURE		% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT	
B-101	7/12/2011	0.00	7.3	0.0 - 0.4	Auger	Asphalt Pavement										
				0.4 - 0.7		Subbase										
				0.7 - 5.0		f.m.c. SAND, S. f. Gravel, lit. silt, brn, moist	8.5	A-2-4	SM	23.7	57.2	19.1				
End of Boring @ 5.0 feet																
B-102	7/12/2011	0.20	9.4	0.0 - 0.3	Auger	Asphalt Pavement (Layer 1)										
				0.3 - 0.5		Asphalt Pavement (Layer 2)										
				0.5 - 0.8		Concrete										
				0.8 - 1.0		Subbase										
				1.0 - 3.0		f.m.c. SAND, S. f.c. Gravel, lit. silt, brn, moist	6.4	A-2-4	SM	23.7	60.9	15.4				
Auger refusal @ 3.0'																
B-103	7/12/2011	0.40	7.4	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.7		Concrete										
				0.7 - 5.0		f.m.c. SAND, lit. silt, lit. f. gravel, l. brn, moist		A-2-4	SM							
End of Boring @ 5.0 feet																
B-104	7/12/2011	0.60	7.4	0.0 - 0.3	Auger	Asphalt Pavement										
				0.3 - 0.8		Concrete										
				0.8 - 2.0		f.m.c. SAND and f.c. GRAVEL, tr. silt, brn, moist	3.7	A-1-b	SP	38.2	52.2	9.5				
Auger refusal @ 2.0'																
B-105	7/12/2011	0.80	4.7	0.0 - 0.2	Auger	Asphalt Pavement (Layer 1)										
				0.2 - 0.4		Asphalt Pavement (Layer 2)										
				0.4 - 0.8		Concrete										
				0.8 - 0.9		Subbase										
				0.9 - 5.0		f.m.c. SAND, S. f.c. Gravel, lit. silt, brn, moist		A-1-b	SM							
End of Boring @ 5.0'																
B-106	7/12/2011	1.00	5.2	0.0 - 0.4	Auger	Asphalt Pavement										
				0.4 - 0.5		Subbase										
				0.5 - 5.0		f. GRAVEL and f.m.c. SAND, lit. silt, brn, moist	5.9	A-1-b	GP	48.2	41.0	10.8				
End of Boring @ 5.0'																
B-107	7/12/2011	1.20	7.4	0.0 - 0.4	Auger	Asphalt Pavement (Layer 1)										
				0.4 - 0.5		Asphalt Pavement (Layer 2)										
				0.5 - 0.6		Subbase										
				0.6 - 5.0		SILT, S. f.m.c. Sand, lit. f.c. gravel, brn, moist		A-4	ML							
				End of Boring @ 5.0'												

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						SOIL TYPE, COLOR, MOISTURE		% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT	
B-108	7/12/2011	1.40	6.4	0.0 - 0.6	Auger	Asphalt Pavement (Layer 1)										
				0.6 - 1.0		Asphalt Pavement (Layer 2)										
				1.0 - 5.0		SILT, lit. f.m.c. sand, tr. f.c. gravel, brn, moist		A-4	ML							
End of Boring @ 5.0'																
B-109	7/12/2011	1.60	7.7	0.0 - 0.8	Auger	Asphalt Pavement										
				0.8 - 1.0		Subbase										
				1.0 - 5.0		f.m.c. SAND and SILT, tr. f.c. gravel, brn, moist	12.1	A-4	SM	8.3	54.0	37.8				
End of Boring @ 5.0'																
B-110	7/12/2011	1.80	9.0	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.6		Concrete										
				0.6 - 0.7		Subbase										
				0.7 - 5.0		f.m.c. SAND, S. Silt, tr. f. gravel, brn, moist	15.8	A-2-4	SM	8.1	66.6	25.3				
				End of Boring @ 5.0 feet												
B-111	7/12/2011	2.00	7.8	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.7		Subbase										
				0.7 - 5.0		f.m.c. SAND, S. Silt, tr. f.c. gravel, brn, moist		A-2-4	SM							
End of Boring @ 5.0 feet																
B-112	7/12/2011	2.20	7.8	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.8		Concrete										
				0.8 - 2.0		SILT, S. f.m.c. Sand, lit. f. gravel, brn, moist		A-4	ML							
2.0 - 5.0	SILT, S. f.m.c. Sand, tr. f. gravel, gray, moist		A-4	ML												
End of Boring @ 5.0 feet																
B-113	7/13/2011	2.40	6.2	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.7		Subbase										
				0.7 - 5.0		SILT, S. f.m.c. Sand, lit. f.c. gravel, brn, moist	10.2	A-4	ML	22.8	30.3	47.0				
End of Boring @ 5.0 feet																
B-114	7/13/2011	2.60	6.5	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.7		Subbase										
				0.7 - 5.0		f.m.c. SAND, S. Silt, S. f.c. Gravel, brn, moist		A-1-b	SM							
End of Boring @ 5.0 feet																

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						SOIL TYPE, COLOR, MOISTURE		% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT	
B-115	7/13/2011	2.80	6.3	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.6		Subbase										
				0.6 - 3.0		f.m.c. SAND, S. Silt, S. f. Gravel, l. brn, moist										
				3.0 - 5.0		f.c. GRAVEL, S. f.m.c. Sand, tr. silt, brn, moist	2.4	A-1-b	SM	57.2	34.4	8.4				
End of Boring @ 5.0 feet																
B-116	7/13/2011	3.00	7.6	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.7		Subbase										
				0.7 - 5.0		f.m.c. SAND, S. f.c. Gravel, S. Silt, brn/dk. brn, moist	16.1	A-2-4	SM	20.6	59.4	20.0				
End of Boring @ 5.0 feet																
B-117	7/13/2011	3.20	7.4	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.7		Subbase										
				0.7 - 3.5		f.m.c. SAND, lit. silt, lit. f.c. gravel, brn, moist		A-2-4	SM							
3.5 - 5.0	f.m.c. SAND, lit. silt, lit. f.c. gravel, dk. brn, moist		A-2-4	SM												
End of Boring @ 5.0 feet																
B-118	7/13/2011	3.40	7.3	0.0 - 0.7	Auger	Asphalt Pavement										
				0.7 - 0.8		Subbase										
				0.8 - 5.0		f.m.c. SAND, S. Silt, lit. f.c. gravel, brn, moist		A-2-4	SM							
End of Boring @ 5.0 feet																
B-119	7/13/2011	3.60	7.4	0.0 - 0.7	Auger	Asphalt Pavement										
				0.7 - 0.8		Subbase										
				0.8 - 5.0		f.m.c. SAND, S. f.c. Gravel, lit. silt, brn, moist	10.3	A-2-4	SM	26.9	55.4	17.7				
End of Boring @ 5.0 feet																
B-120	7/13/2011	3.80	6.3	0.0 - 0.8	Auger	Asphalt Pavement										
				0.8 - 1.0		Subbase										
				1.0 - 5.0		f.m.c. SAND and f.c. GRAVEL, lit. silt, brn, moist	7.3	A-1-b	SM	40.4	41.6	18.1				
End of Boring @ 5.0 feet																
B-121	7/13/2011	4.00	7.6	0.0 - 0.9	Auger	Asphalt Pavement										
				0.9 - 1.0		Subbase										
				1.0 - 5.0		f.m.c. SAND, S. Silt, S. f.c. Gravel, brn, moist		A-1-b	SM							
End of Boring @ 5.0 feet																

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						SOIL TYPE, COLOR, MOISTURE		% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT	
B-122	7/13/2011	4.20	7.4	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.7		Subbase										
				0.7 - 3.5		f.m.c. SAND, lit. silt, lit. f.c. gravel, brn, moist		A-2-4	SM							
				3.5 - 5.0		f.m.c. SAND, lit. silt, lit. f.c. gravel, dk. brn, moist		A-2-4	SM							
End of Boring @ 5.0 feet																
B-123	7/13/2011	4.40	7.3	0.0 - 0.7	Auger	Asphalt Pavement										
				0.7 - 0.8		Subbase										
				0.8 - 3.9		f.m.c. SAND and f.c. GRAVEL, lit. silt, brn, moist	3.8	A-1-b	SM	38.7	47.8	13.4				
Auger refusal @ 3.9 feet																
B-124	7/13/2011	4.60	7.4	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.8		Subbase										
				0.8 - 5.0		f.m.c. SAND, S. Silt, S. f. Gravel, brn, moist		A-1-b	SM							
End of Boring @ 5.0 feet																
B-125	7/13/2011	4.80	6.7	0.0 - 1.0	Auger	Asphalt Pavement										
				1.0 - 1.1		Subbase										
				1.1 - 3.5		f.m.c. SAND, S. f.c. Gravel, tr. silt, brn, moist	6.9	A-1-b	SP	31.5	58.9	9.6				
				3.5 - 5.0		CI. SILT, S. f.m.c. Sand, lit. f.c. gravel, tr. org., gray, moist	16.4	A-4	ML	18.2	33.1	48.7				
				End of Boring @ 5.0 feet												
B-126	7/13/2011	5.00	5.9	0.0 - 0.5	Auger	Asphalt Pavement										
				0.5 - 0.7		Subbase										
				0.7 - 5.0		f.m.c. SAND, S. Silt, lit. f.c. gravel, brn, moist		A-2-4	SM							
End of Boring @ 5.0 feet																
B-127	7/13/2011	5.20	8.4	0.0 - 0.8	Auger	Asphalt Pavement										
				0.8 - 1.0		Subbase										
				1.0 - 2.5		f.m.c. SAND, S. Silt, lit. f.c. gravel, brn, moist		A-2-4	SM							
				2.5 - 5.0		f.m.c. SAND, S. Silt, S. f.c. Gravel, gray, moist	7.6	A-1-b	SM	33.9	41.0					