

CHIA						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		Asphalt Pavement									
				0.4 - 0.7		Subbase									
				0.7 - 5.0	Auger	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		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	Auger	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		Asphalt Pavement									
				0.5 - 0.7		Concrete									
				0.7 - 5.0	Auger	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		Asphalt Pavement									
				0.3 - 0.8		Concrete									
				0.8 - 2.0	Auger	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		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	Auger	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		Asphalt Pavement									
				0.4 - 0.5		Subbase									
				0.5 - 5.0	Auger	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		Asphalt Pavement (Layer 1)									
				0.4 - 0.5		Asphalt Pavement (Layer 2)									
				0.5 - 0.6		Subbase									
				0.6 - 5.0	Auger	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			SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT	
B-108	7/12/2011	1.40	6.4	0.0 - 0.6		Asphalt Pavement (Layer 1)									
				0.6 - 1.0		Asphalt Pavement (Layer 2)									
				1.0 - 5.0	Auger	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		Asphalt Pavement									
				0.8 - 1.0		Subbase									
				1.0 - 5.0	Auger	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		Asphalt Pavement									
				0.5 - 0.6		Concrete									
				0.6 - 0.7		Subbase									
				0.7 - 5.0	Auger	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		Asphalt Pavement									
				0.5 - 0.7		Subbase									
				0.7 - 5.0	Auger	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		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	Auger	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		Asphalt Pavement									
				0.5 - 0.7		Subbase									
				0.7 - 5.0	Auger	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		Asphalt Pavement									
				0.5 - 0.7		Subbase									
				0.7 - 5.0	Auger	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		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		A-1-b	SM						
				3.0 - 5.0		f.c. GRAVEL, S. f.m.c. Sand, tr. silt, brn, moist	2.4	A-1-a	GP	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											
				Asphalt Pavement											
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											
				Asphalt Pavement											
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											
				Asphalt Pavement											
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											
				Asphalt Pavement											
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											
				Asphalt Pavement											