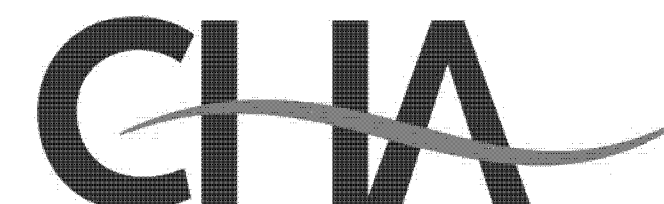


Stockbridge-Bethel VT STP 2910(1)
 Client: Vermont Agency of Transportation
 Contractor: Mike's Boring & Coring
 Driller: D. Johnson
 Inspector: K. Owens

VT State Route 107
 Pavement Reclamation
 CHA No. 23028
 Auger Probe Drilling Notes



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BORING NO.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS												
							% MOISTURE	AASHTO CLASS.	ASTM CLASS.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT					
B-101	6/20/2011	0.00		0.0 - 0.5		Asphalt Pavement													
				0.5 - 0.8		f.m.c. SAND, lit. f.c. gravel, brn, moist (subbase)		A-1-b	SP										
				0.8 - 5.0	Auger	SILT, lit. f. sand, tr. f.c. gravel, brn, moist End of Boring @ 5.0 feet		A-4	ML										
B-102	6/20/2011	0.20		0.0 - 0.6		Asphalt Pavement													
				0.6 - 0.9		f.c. GRAVEL, lit. f.m.c. sand, tr. silt, brn, moist (subbase)		A-1-b	GP										
				0.9 - 2.5	Auger	f.m.c. SAND, S. f.c. gravel, lit. silt, brn, moist	3.5	A-2-4	SM	32.5	48.0	19.6	-	-					
				2.5 - 5.0	Auger	f. SAND, S. Silt, tr. f.c. gravel, brn, moist End of Boring @ 5.0 feet	7.6	A-2-4	SM	21.8	50.8	27.4	-	-					
B-103	6/20/2011	0.40		0.0 - 0.3		Asphalt Pavement													
				0.3 - 0.6		f.c. GRAVEL, lit. f.m.c. sand, tr. silt, blk, moist (subbase)		A-1-b	GP										
				0.6 - 3.0		f.m.c. SAND, S. Silt, lit. f.c. gravel, brn, moist		A-2-4	SM										
				3.0 - 5.0	Auger	f.m.c. SAND, lit. clayey silt, lit. f.c. gravel gry/brn, moist End of Boring @ 5.0 feet		A-2-4	SM										
B-104	6/20/2011	0.60		0.0 - 0.5		Asphalt Pavement													
				0.5 - 4.5	Auger	f.m.c. SAND, S. Clayey Silt, tr. f.c. gravel, brn, moist		A-2-4	SM										
				4.5 - 5.0		turns gray at 4.5' End of Boring @ 5.0 feet													
B-105	6/20/2011	0.80		0.0 - 0.8		Asphalt Pavement													
				0.8 - 2.5	Auger	f.c. GRAVEL, AND f.m.c. SAND, lit. silt, brn, moist	3.7	A-1-b	GM	43.2	39.0	17.8	-	-					
				2.5 - 3.0	Auger	CLAYEY SILT, AND f.m.c. SAND, tr. f. gravel, brn, moist	18	A-4	SM	17.8	36.2	46.0	-	-					
				3.0 - 5.0		Driller notes soil becomes soft @ 3.0 feet End of Boring @ 5.0 feet													
B-106	6/20/2011	1.00		0.0 - 0.8		Asphalt Pavement													
				0.8 - 2.6	Auger	f.m.c. SAND, S. Silt, tr. f. gravel, brn, moist Auger refusal @ 2.6 feet		A-2-4	SM										
B-107	6/20/2011	1.20		0.0 - 0.7		Asphalt Pavement													
				0.7 - 0.9		f.c. GRAVEL, gry/blk, moist (subbase)		A-1-a	GP										
				0.9 - 3.8	Auger	f.m.c. SAND, S. Silt, tr. f. gravel, brn, moist		A-2-4	SM										
				3.8 - 5.0		f.m.c. SAND, S. Clayey Silt, tr. f. gravel, brn, moist End of Boring @ 5.0 feet		A-2-4	SM										
B-108	6/20/2011	1.40		0.0 - 0.7		Asphalt Pavement													
				0.7 - 1.0		Subbase													
				1.0 - 2.6		f.m.c. SAND, S. Silt, tr. f. gravel, brn, moist		A-2-4	SM										
				2.6 - 5.0	Auger	f.m.c. SAND, AND Clayey SILT, S. f. Gravel, brn, moist End of Boring @ 5.0 feet	13.6	A-4	SM	27.1	37.0	35.9	-	-					

BORING NO.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT)	SAMPLE TYPE	FIELD DESCRIPTION	LABORATORY RESULTS												
							% MOISTURE	AASHTO CLASS.	ASTM CLASS.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT					
B-109	6/20/2011	1.60		0.0 - 0.6		Asphalt Pavement													
				0.6 - 0.8		f.c. GRAVEL, gry/blk, moist (subbase)		A-1-b	GP										
				0.8 - 3.7		f.m.c. SAND, S. Silt, tr. f. gravel, brn, moist		A-2-4	SM										
				3.7 - 5.0		f.m.c. SAND, S. Clayey Silt, tr. f. gravel, brn, Auger refusal @ 5.0 feet		A-2-4	SM										
B-110	6/20/2011	1.80		0.0 - 0.9		Asphalt Pavement													
				0.9 - 1.2		Subbase													
				1.2 - 5.0	Auger	f.m.c. SAND, lit. silt, tr. f.c. gravel, brn, moist End of Boring @ 5.0 feet		A-2-4	SM										
B-111	6/20/2011	2.00		0.0 - 0.5		Asphalt Pavement													
				0.5 - 0.8		f.c. GRAVEL, lit. f.m.c. sand, gry/blk, moist (subbase)		A-1-b	GP										
				0.8 - 5.0		f.m.c. SAND, S. Silt, tr. f. gravel, brn, moist		A-2-4	SM										
						Auger refusal @ 2.1 feet													
B-112	6/20/2011	2.20		0.0 - 0.5		Asphalt Pavement													
				0.5 - 0.8		f.c. GRAVEL, blk, moist (subbase)		A-1-b	GP										
				0.8 - 5.0	Auger	f.m.c. SAND, lit. silt, tr. f. gravel, brn, moist End of Boring @ 5.0 feet		A-2-4	SM										
B-113	6/20/2011	2.40		0.0 - 0.7		Asphalt Pavement													
				0.7 - 1.0		Subbase													
				1.0 - 4.7	Auger	f.m.c. SAND, S. f. Gravel, lit. silt, brn, moist	7.3	A-2-4	SM	33.2	46.6	20.2	-	-					
				4.7 - 5.0		becomes wet @ 4.7' End of Boring @ 5.0 feet													
B-114	6/20/2011	2.60		0.0 - 0.6		Asphalt Pavement													
				0.6 - 0.8		Subbase													
				0.8 - 5.0	Auger	f.m.c. SAND, lit. silt, tr. f. gravel, brn, moist End of Boring @ 5.0 feet		A-2-4	SM										
B-115	6/20/2011	2.80		0.0 - 0.6		Asphalt Pavement													
				0.6 - 0.8		Subbase													
				0.8 - 5.0		f.m.c. SAND, lit. clayey silt, tr. f. gravel, brn, moist End of Boring @ 5.0 feet		A-2-4	SM										
B-116	6/20/2011	3.00		0.0 - 0.5		Asphalt Pavement													
				0.5 - 0.8		Subbase													
				0.8 - 5.0	Auger	f.m.c. SAND, lit. silt, tr. f. gravel, brn, moist End of Boring @ 5.0 feet		A-2-4	SM										
B-117	6/20/2011	3.20				Omitted due to conflicts with ongoing construction at intersection with Stony Brook Road													

NOTES:

- GROUNDWATER OBSERVATION MADE DURING DRILLING MAY NOT REPRESENT STATIC CONDITIONS.
- AASHTO CLASSIFICATIONS ARE BASED ON THE VISUAL OBSERVATIONS WHEN NOT ACCOMPANIED BY LABORATORY DATA.
- THE AUGER PROBE INFORMATION REFLECTS THE FIELD CONDITIONS PRIOR TO TROPICAL STORM IRENE.
- SEE ROADWAY LAYOUT SHEETS FOR BORE HOLE LOCATIONS.

BORING LOGS SHEET #1	PROJECT NAME: STOCKBRIDGE-BETHEL
	PROJECT NUMBER: STP 2910(1)
	FILE NAME: z10b214.bl.01.dgn PROJECT LEADER: D.E.G. DESIGNED BY: L.M.B. IPARM FILE: z10b214bl.1
	PLOT DATE: 3/17/2014 DRAWN BY: W.G.P. CHECKED BY: J.P.S. SHEET 211 OF 397