CHA
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Jay-Troy VT STP 2915(1)
Client: Vermont Agency of Transportation
Contractor: Transtech Drilling Services
Driller: M. Blakely / Inspector: A. Jensen

VT Route 105
Pavement Rehabilitation
CHA No. 27463
Auger Probe Log

BORING NO.	DATE DRILLED	MILE MARKER	DEPTH (FT) T	DEPTH (FT) B	SAMPLE TYPE	FIELD DESCRIPTION: SOIL TYPE, COLOR, MOISTURE[1]	LABORATORY RESULTS: % MOISTURE	AASHTO CLASS.[2]	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT	DRILLING NOTES: (LATITUDE, LONGITUDE)
B-1	12/09/13	0.68	0.0	0.6		7.25" Asphalt Pavement								Auger grinding to 3'
		WB	0.6	2.5	G-1	**f.c. Sand**, Some Silt, Some f. Gravel, brown, moist	5.6	A-1-b	34.5	44.3	21.2			
			2.5	5.0	G-2	becomes dark brown		A-1-b						
						End of boring at 5.0'								(44.9841352535, -72.5361694716)
B-2	12/10/13	0.91	0.0	1.1		13.25" Asphalt Pavement								Auger grinding below 2.5'
		EB	1.1	2.5	G-1	**f.c. Sand**, Some Silt, Some f.c. Gravel, brown, moist		A-1-b						
			2.5	5.0	G-2	becomes wet		A-1-b						
						End of boring at 5.0'								(44.9826254281, -72.532044361)
B-3	12/10/13	1.11	0.0	0.9		10.75" Asphalt Pavement								Auger grinding below pavement
		WB	0.9	2.5	G-1	**f.c. Sand and f. Gravel,** Some Silt, dark brown, moist		A-1-b						
			2.5	5.0	G-2	**Similar Soil**	7.7	A-1-b	35.2	44.6	20.2			
						End of boring at 5.0'								(44.979862925, -72.5307279389)
B-43	12/09/13	1.24	0.0	0.6		7.25" Asphalt Pavement								Rock outcrop observed adjacent to auger probe
		WB	0.6	2.5	G-1	**f.c Sand and f. Gravel,** little silt, dark brown, moist	4.3	A-1-b	36.8	49.4	13.8			
			2.5	5.0	G-2	**f.c. Sand**, Some Silt, trace f.c. gravel, dark brown, wet		A-2-4						
						End of boring at 5.0'								(44.9783486118, -72.5289113666)
B-4	12/09/13	1.31	0.0	0.7		8.5" Asphalt Pavement								
		EB	0.7	2.5	G-1	**f.c. Sand**, Some Silt, little f. gravel, light brown, moist		A-2-4						
			2.5	5.0	G-2	becomes dark brown	11.5	A-2-4	15.2	50.8	34.1			
						End of boring at 5.0'								(44.9774568958, -72.5281318382)
B-5	12/09/13	1.48	0.0	0.7		8.5" Asphalt Pavement								
		WB	0.7	2.5	G-1	**f.c. Sand and f. Gravel**, little silt, light brown, moist	3.9	A-1-b	36.4	46.9	16.6			
			2.5	5.0	G-2	becomes dark brown		A-1-b						
						End of boring at 5.0'								(44.9750362611, -72.5272072518)
B-6	12/10/13	1.68	0.0	1.2		14.0" Asphalt Pavement								Auger grinding to 5'
		EB	1.2	1.4	G-1	**f.c. Sand**, Some Silt, Some f.c. Gravel, dark brown, moist		A-1-b						Bedrock outcrop observed to the east of auger probe
			1.4	2.5		becomes brown		A-1-b						
			2.5	5.0	G-2	**f.c. Sand**, Some Silt, Some f.c. Gravel, trace organics, brown/gray, moist		A-1-b						
						End of boring at 5.0'								(44.9722415499, -72.5263080675)
B-42	12/09/13	1.71	0.0	0.7		8.5" Asphalt Pavement								Bedrock outcrop observed adjacent to auger probe
		WB	0.7	2.5	G-1	**f.c. Sand**, Some f.c. Gravel, trace silt brown, moist		A-1-b						Auger grinding below pavement
			2.5	3.2		**f.c. Sand**, Some Silt, little f.c. gravel, dark brown, moist		A-1-b						Auger refusal at 3.2', interpreted as top of
														competent bedrock
						End of boring at 3.2'								(44.971857049, -72.5261602178)
B-7	12/10/13	1.90	0.0	0.7		8.5" Asphalt Pavement								Auger grinding through cobble from 1.5-2' and
		WB	0.7	2.5	G-1	**f.c. Sand**, Some Silt, Some f.c. Gravel, brown, moist		A-1-b						throughout boring
			2.5	5.0	G-2	grades to little silt and becomes brown/gray		A-1-b						
						End of boring at 5.0'								(44.970701183, -72.5232044272)

Note: 1. Groundwater observations made during drilling may not represent static conditions.
2. AASHTO classifications are based on visual observations when not accompanied by laboratory data.

NOTE
SEE PLAN SHEETS FOR BORE HOLE LOCATIONS.

PROJECT NAME: JAY-TROY
PROJECT NUMBER: STP 2915(1)

FILE NAME: z10b232frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: CHA
BORING SHEET 1

PLOT DATE: 5/16/2014
DRAWN BY: CHA
CHECKED BY: CHA
SHEET 27 OF 244