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-16	12/10/13	3.68	0.0	0.7		7.75" Asphalt Pavement								Bedrock outcrop observed adjacent to auger probe
		EB	0.7	2.0	G-1	**f.c. Sand and f. Gravel,** Some Silt, brown, moist	3.4	A-1-b	36.6	42.5	21.0			Auger grinding below pavement
			2.0	5.0	G-2	**f.c. Sand**, Some Silt, little f. gravel, brown, moist	7.6	A-2-4	19.6	46.9	33.5			
						End of boring at 5.0'								(44.9886732735, -72.5029254766)
B-17	12/10/13	3.97	0.0	0.7		7.75" Asphalt Pavement								Bedrock outcrop observed adjacent to auger probe
		WB	0.7	2.5	G-1	**f. Gravel**, Some f.c. Sand, little silt, brown, moist		A-1-b						Auger grinding below pavement
			2.5	5.0	G-2	**Similar Soil**		A-1-b						
						End of boring at 5.0'								(44.990307304, -72.4992549146)
B-18	12/10/13	4.14	0.0	0.7		8.5" Asphalt Pavement								Bedrock outcrop observed adjacent to auger probe
		EB	0.7	2.0	G-1	**f.c. Gravel and Some f.c. Sand**, little silt, brown, moist	4.3	A-1-b	42.0	41.4	16.6			Auger grinding below pavement
			2.0	5.0	G-2	**Similar Soil**		A-1-b						
						End of boring at 5.0'								(44.9883728321, -72.4970630937)
B-19	12/10/13	4.34	0.0	0.7		8.5" Asphalt Pavement								Bedrock outcrop observed adjacent to auger probe
		WB	0.7	2.5	G-1	**f.c. Gravel**, Some f.c. Sand, little silt, dark gray/brown, moist		A-1-b						Auger grinding below pavement
			2.5	4.5		**Similar Soil**		A-1-b						Refusal at 4.5', interpreted as top of competent bedrock
						End of boring at 4.5'								(44.9859223886, -72.4948723956)
B-20	12/10/13	4.54	0.0	0.7		7.75" Asphalt Pavement								Bedrock outcrop observed adjacent to auger probe
		EB	0.7	3.0	G-1	**f.c. Sand**, Some Silt, Some f.c. Gravel, brown, moist		A-1-b						
			3.0	5.0	G-2	becomes gray/brown	9.1	A-1-b	31.2	43.7	25.2			Sample G-2 appears to be completely weathered bedrock.
						End of boring at 5.0'								(44.9838520057, -72.4921475699)
B-21	12/10/13	4.74	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						
			2.5	5.0	G-2	grades to Some Silt		A-1-b						
						End of boring at 5.0'								(44.9818685829, -72.4891130316)
B-22	12/11/13	4.94	0.0	0.6		7.0" Asphalt Pavement								
		EB	0.6	2.0	G-1	**f.c. Gravel and f.c. Sand**, little silt, brown, moist		A-1-b						
			2.0	5.0	G-2	**f.c. Sand**, Some Silt, little f. gravel, brown, moist	8.9	A-2-4	18.0	52.8	29.2			
						End of boring at 5.0'								(44.9805168185, -72.4855291595)
B-23	12/11/13	5.14	0.0	0.8		9.25" Asphalt Pavement								Auger grinding below pavement
		WB	0.8	2.0	G-1	**f.c. Gravel and f.c. Sand,** little silt, brown, moist		A-1-b						
			2.0	5.0	G-2	**f.c. Sand**, Some Silt, little f. gravel, brown, moist	9.4	A-2-4	15.3	58.7	26.0			
						End of boring at 5.0'								(44.9792378168, -72.4819430063)
B-24	12/11/13	5.35	0.0	0.6		7.0" Asphalt Pavement								Auger grinding below pavement
		EB	0.8	2.0	G-1	**f.c. Sand**, Some Silt, Some f. Gravel, brown, moist	4.6	A-1-b	24.8	52.7	22.5			
			2.0	5.0	G-2	**Similar Soil**		A-1-b						
						End of boring at 5.0'								(44.9778355799, -72.4781036802)

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 3

PLOT DATE: 5/16/2014
DRAWN BY: CHA
CHECKED BY: CHA
SHEET 29 OF 244