Randolph STP 2932(1)
Client: Vermont Agency of Transportation
Contractor: PlatformEnvironmental Drilling
Driller: C. Aldrich / Inspector: K. Owens

VT Route 66
Pavement Rehab.
CHA No. 24146
Auger Probe Log

BORING NO.	DATE DRILLED	MILE MARKER	OFFSET (FT)	DEPTH (FT) T	DEPTH (FT) B	SAMPLE TYPE	FIELD DESCRIPTION: SOIL TYPE, COLOR, MOISTURE	LABORATORY RESULTS: % MOISTURE	AASHTO CLASS.	ASTM CLASS.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT	DRILLING NOTES (LAT, LONG - Decimal Degrees)
B-101	5/15/2012	0.43	6	0.0	1.0		Asphalt Pavement									Boring terminated at 2.5 due to
				1.0	2.5	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						potential underground utility
																conflict.
							End of Boring @ 2.5 feet									(-72.6549000268, 43.92860556538)
B-102	5/15/2012	0.63	7	0.0	1.17		Asphalt Pavement									
				1.2	3.0	Auger	Subbase - f.m.c. SAND, S. Silt, S. f.c. Gravel, brn, moist	4.0	A-1-b	SM	30.8	46.3	22.9	NP		
				3.0	4.0		f. SAND, l. silt, brn, moist		A-2-4	SM						
				4.0	5.0	Auger	f.m.c. SAND, l. f.c. gravel, l. silt, d. brn, moist		A-1-b	SM						
							End of Boring @ 5.0 feet									
																(-72.6510285512, 43.929480493213)
B-103	5/15/2012	0.83	8.5	0.0	1.33		Asphalt Pavement									
				1.3	4.0	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				4.0	5.0	Auger	becomes d. brn		A-1-b	SM						
							End of Boring @ 5.0 feet									(-72.649299389, 43.9320450922)
B-104	5/15/2012	1.03	6	0.0	0.83		Asphalt Pavement - 4" Top Coat, 6" Decomposed Base									
				0.8	3.0	Auger	Subase - f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				3.0	5.0	Auger	becomes d. brn		A-1-b	SM						
							End of Boring @ 5.0 feet									
																(-72.6466973459, 43.93421774249)
B-105	5/15/2012	1.23	8.5	0.0	1.0		Asphalt Pavement									
				1.0	3.5	Auger	Subbase - f.m.c. SAND, S. Silt, S f.c. Gravel, brn, moist	4.5	A-2-4	SM	25.8	53.2	21.0	NP		
				3.5	5.0	Auger	SILT, S. f. Sand, l. f.c. gravel, d. brn, moist	19.0	A-4	ML	14.8	33.5	51.8	NP		
							End of Boring @ 5.0 feet									
																(-72.6427118454, 43.93502369949)
B-106	5/15/2012	1.43	5	0.0	0.83		Asphalt Pavement - 3" Top Coat, 7" Decomposed Base									
				0.8	3.3	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				3.3	5.0	Auger	SILT, S. f.m.c. Sand, l. f.c. gravel, gry, moist		A-4	ML						
							End of Boring @ 5.0 feet									(-72.6390936222, 43.93637885793)
B-107	5/15/2012	1.63	8	0.0	0.9		Asphalt Pavement - 3" Top Coat, 8" Decomposed Base									Drilling resistance dec. at 3.0.'
				0.9	3.0	Auger	f.m.c. SAND, S. Silt, S. f.c. Gravel, brn, moist	4.9	A-1-b	SM	29.0	48.9	22.1	NP		
				3.0	5.0	Auger	SILT, S. f.m.c. Sand, S. f.c. Gravel, gry, moist	9.7	A-4	ML	22.3	34.1	43.5	NP		
							End of Boring @ 5.0 feet									(-72.6362749474, 43.93819363305)
B-108	5/15/2012	1.83	6.5	0.0	1.0		Asphalt Pavement									
				1.0	5.0	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
							End of Boring @ 5.0 feet									(-72.6331228593, 43.93995727482)

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B-109	5/15/2012	2.03	6	0.0	1.0		Asphalt Pavement									
				1.0	3.5	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				3.5	5.0	Auger	SILT, S. f.m.c. Sand, t. f.c. gravel, gry, moist		A-4	ML						
							End of Boring @ 5.0'									(-72.6299041216, 43.94174779171)
B-110	5/15/2012	2.23	5.5	0.0	0.7		Asphalt Pavement									
				0.7	2.0	Auger	Subbase - f.m.c. SAND, S. f.c. Gravel, l. silt, l. brn, moist		A-1-b	SM						
				2.0	5.0	Auger	SILT, S. f.m.c. Sand, t. f.c. gravel, gry, moist		A-4	ML						
							End of Boring @ 5.0'									(-72.6265007572, 43.9432390013)
B-111	5/15/2012	2.43	N/A	0.0	0.67		Asphalt Pavement									
				0.7	2.8	Auger	Subbase - f.m.c. SAND, S. f.c. Gravel, l. silt, l. brn, moist	2.9	A-1-b	SM	27.5	53.8	18.7	NP		
				2.8	5.0	Auger	f.m.c. SAND, S. Silt, S. f.c. Gravel, brn, moist	8.6	A-2-4	SM	26.7	41.3	32.0	NP		
							End of Boring @ 5.0'									(-72.6230216119, 43.9442555934)
B-112	5/15/2012	2.63	7.5	0.0	0.58		Asphalt Pavement									Drilling resistance dec. at 4.0 ft.
				0.6	4.0	Auger	Subbase - f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				4.0	5.0	Auger	SILT, S. f.m.c. Sand, t. f.c. gravel, d. brn, moist		A-4	ML						
							End of Boring @ 5.0'									(-72.6189070908, 43.94504442623)
B-113	5/15/2012	2.83	6.5	0.0	0.7		Asphalt Pavement									Auger grinding to 3.5 ft.
				0.7	3.5	Auger	Subbase - f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				3.5	5.0	Auger	SILT, S. f.m.c. Sand, t. gravel, gry/brn, moist to wet	21.9	A-4	ML	7.5	23.7	68.8	NP		
							End of Boring @ 5.0'									(-72.6152251393, 43.94409283349)
B-114	5/15/2012	3.03	4.5	0.0	0.67		Asphalt Pavement									
				0.7	2.0	Auger	Subbase - f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				2.0	3.0	Auger	becomes d. brn		A-1-b	SM						
							Auger refusal @ 3.0'									(-72.6117303689, 43.94298467529)
B-115	5/15/2012	3.23	5	0.0	0.67		Asphalt Pavement									
				0.7	1.8	Auger	Subbase - f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				1.8	5.0	Auger	f. SAND, S. Silt, S. f.c. Gravel, d. brn, moist	14.6	A-2-4	SM	32.6	36.9	30.6	NP		
							End of Boring @ 5.0'									(-72.6083328207, 43.941091900617)
B-116	5/15/2012	3.43	6	0.0	0.67		Asphalt Pavement									
				0.7	2.0	Auger	Subbase - f.m.c. SAND, l. silt, l. f.c. gravel, d. brn, moist		A-1-b	SM						
				2.0	5.0	Auger	SILT, t. f.m.c. sand, t. f.c. gravel, d. brn, moist		A-4	ML						
							End of Boring @ 5.0'									(-72.6074706747, 43.94264871601)

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B-117	5/15/2012	3.63	7	0.0	1.0		Asphalt Pavement									Drilling resistance dec. at 2.5'.
				1.0	2.3	Auger	Subbase - f.m.c SAND, S. Silt, S. f.c. Gravel, brn, moist	5.5	A-1-b	SM	32.1	43.7	24.1	NP		
				2.3	5.0	Auger	SILT, l. f.m.c. sand, t. f.c. gravel, d. brn, moist		A-4	ML						
							End of Boring @ 5.0'									(-72.6078813272, 43.94545993898)
B-118	5/15/2012	3.83	5	0.0	1.2		Asphalt Pavement - 7" Top Coat, 7" Decomposed Base									Drilling resistance dec. at 2.0'.
				1.2	2.5		Subbase - f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				2.5	5.0	Auger	SILT, S. f.m.c. Sand, t. f.c. gravel, d. brn, moist	20.6	A-4	ML	7.3	27.8	64.8	NP		
							End of Boring @ 5.0'									(-72.608506525, 43.94847056027)
B-119	5/15/2012	4.03	7	0.0	0.6		Asphalt Pavement									
				0.6	1.9		Subbase									
				1.9	3.0	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				3.0	5.0	Auger	SILT, l. f.m.c. sand, brn, moist		A-4	ML						Silt likely weathered bedrock
							End of Boring @ 5.0'									(-72.6062999285, 43.95079089978)
B-120	5/15/2012	4.23	5	0.0	0.6		Asphalt Pavement									Drilling resistance dec. at 3.5'.
				0.6	1.9		Subbase									
				1.9	3.5	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				3.5	5.0	Auger	SILT, l. f.m.c. sand, d. brn, moist		A-4	ML						
							End of Boring @ 5.0'									(-72.6035425032, 43.95293437256)
B-121	5/15/2012	4.43	6.5	0.0	0.6		Asphalt Pavement									
				0.6	1.9	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				1.9	5.0	Auger	SILT, l. f.m.c. sand, t. f.c. gravel, d. brn, moist		A-4	ML						
							End of Boring @ 5.0'									(-72.5994315052, 43.95343846012)
B-122	5/15/2012	4.63	4.5	0.0	0.7		Asphalt Pavement - 4" Top Coat, 4" Decomposed Base									Auger grinding 3.5' to 3.8'.
				0.7	3.8	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						No visible rock outcrops, pos.
																refusal on boulder or cobble.
							Auger refusal @ 3.8'									(-72.5966612975, 43.95534757322)
B-123	5/15/2012	4.83	5	0.0	0.8		Asphalt Pavement - 5" Top Coat, 4" Decomposed Base									Auger grinding full boring depth.
				0.8	2.1	Auger	Subbase - f.c. GRAVEL and f.m.c. SAND, l. silt, brn, moist	10.7	A-1-b	GM	47.6	35.7	16.7	NP		
				2.1	5.0	Auger	SILT, S. f.m.c. Sand, S. f.c. Gravel, d. brn, moist	18.9	A-4	ML	25.3	26.8	47.8	NP		
							End of Boring @ 5.0'									(-72.593023022, 43.95597618813)
B-124	5/14/2012	5.03	5.5	0.0	0.8		Asphalt Pavement - 4" Top Coat, 6" Decomposed Base									Drilling resistance inc. at 3.5'.
				0.8	2.2	Auger	Subbase - f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				2.2	5.0	Auger	SILT, l. f. sand, gry, moist		A-4	ML						
							End of Boring @ 5.0'									(-72.5886958275, 43.95626760652)

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B-125	5/14/2012	5.23	5.5	0.0	0.5		Asphalt Pavement - 3" Top Coat, 3" Decomposed Base									
				0.5	1.8	Auger	Subbase - f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				1.8	5.0	Auger	becomes d. brn		A-1-b	SM						
							End of Boring @ 5.0'									(-72.585461948, 43.95733036018)
B-126	5/14/2012	5.43	5	0.0	0.8		Asphalt Pavement - 5" Top Coat, 5" Decomposed Base									
				0.8	5.0	Auger	f. SAND, S. Silt, brn, moist		A-2-4	SM						
							End of Boring @ 5.0'									(-72.5817629115, 43.95827711069)
B-127	5/14/2012	5.63	5.5	0.0	0.7		Asphalt Pavement - 3" Top Coat, 5" Decomposed Base									Boring advanced adj. to
				0.7	3.0	Auger	SILT, S. f.m.c. Sand, l. f.c. gravel, brn, moist	8.7	A-4	ML	16.7	26.0	57.4	NP		rock outcrop.
				3.0	3.5		SILT, gry, moist		A-4	ML						Silt likely weathered bedrock
																Auger grinding at 3.0 ft.
							Auger Refusal @ 3.5'									(-72.5777859864, 43.95860554835)
B-128	5/14/2012	5.83	5	0.0	0.5		Asphalt Pavement - 2" Top Coat, 4" Decomposed Base									No visible bedrock outcrops,
				0.5	4.0	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						poss. refusal on boulder.
																Hard drilling at 3.5 ft.
							Auger refusal @ 4.0'									(-72.5736659988, 43.95868293894)
B-129	5/14/2012	6.03	6	0.0	0.8		Asphalt Pavement - 5" Top Coat, 4" Decomposed Base									Drilling resistance inc. at 3.5 ft.
				0.8	3.5	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				3.5	5.0	Auger	SILT, S. f. Sand, gry, moist		A-4	ML						Silt likely weathered bedrock
							End of Boring @ 5.0'									(-72.5700459572, 43.95744337097)
B-130A	5/14/2012	6.23	6	0.0	1.2		Asphalt Pavement - 11" Top, 3" Decomposed Base									Drilling resistance inc. at 4.0 ft.
				1.2	4.0	Auger	f.m.c. SAND, S. Silt, S. f.c. Gravel, brn, moist	8.3	A-2-4	SM	34.5	39.8	25.8	NP		
				4.0	5.0	Auger	SILT, S. f. Sand, t. f.c. gravel, gry/brn, moist to wet	19.2	A-4	ML	5.9	26.6	67.5	NP		
							End of Boring @ 5.0'									(-72.5677280808, 43.95515723628)
B-131	5/14/2012	6.43	6	0.0	0.7		Asphalt Pavement - 4" Top Coat, 4" Decomposed Base									Drilling resistance inc. at 4.0 ft.
				0.7	2.6	Auger	Subbase - f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
				2.6	4.0		becomes d. brn		A-1-b	SM						
				4.0	5.0	Auger	SILT, t. f.m.c. sand, gry, moist		A-4	ML						Silt likely weathered bedrock
							End of Boring @ 5.0'									(-72.5658798116, 43.95262281226)
B-132	5/14/2012	6.63	4.5	0.0	0.6		Asphalt Pavement - 3" Top Coat, 4" Decomposed Base									Drilling resistance dec. at 3.5 ft.
				0.6	5.0	Auger	f.m.c. SAND, S. f.c. Gravel, l. silt, brn, moist		A-1-b	SM						
							End of Boring @ 5.0'									(-72.5634335083, 43.95016416352)

NOTE: SEE PROJECT LAYOUT SHEETS FOR THE LOCATION OF BORE HOLES

PROJECT NAME: RANDOLPH
PROJECT NUMBER: STP 2932(1)

FILE NAME: zl0c270.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: B. BRESLEND
BORING LOG SHEET 2

PLOT DATE: 6/5/2014
DRAWN BY: J. GOODALL
CHECKED BY: C. LATHROP