



**STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
MATERIALS & RESEARCH SECTION  
SOILS & FOUNDATION UNIT  
DRILLING NOTES**

**PROJECT NAME:** Rutland- Hartford  
**BORING CREW:** Daigneault, Salisbury, Judkins

**PROJECT NUMBER:** NH020-2(35)SC **SITE:** US-4 **DATE:** 4/5 - 5/8/2013  
**TESTED BY:** J. Touchette, J. Staab **REVIEWED BY:** C. Ewald

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
B-166	4/9/13	7.50	9.0 R	0.71	A	Asphalt Pavement								
				0.71-5.0	A	Gr Si Sa, Br, Moist	10.0	A-2-4	Si Sa	17.1	53.7	29.2		
				NLTD										
B-167	4/9/13	7.50	8.0 L	0.72	A	Asphalt Pavement								
				0.72-5.0	A	Gr Si Sa, Br, Moist	9.4	A-2-4	Gr Si Sa	20.8	49.8	29.4		
				NLTD										
B-168	4/9/13	7.80	13.0 L	0.66	A	Asphalt Pavement								
				0.66-2.0	A	Si Gr Sa, Gry, Moist	1.4	A-2-4	Si Sa Gr	41.2	30.7	28.1		
				2.0-5.0	A	Si Sa, Br, Moist	7.3	A-2-4	Si Sa	0.9	67.6	31.5		
B-169	4/9/13	8.10	12.8 R	0.64	A	Asphalt Pavement								
				0.64-5.0	A	Gr Si Sa, Br, Moist	8.6	A-4	Si Sa	19.4	43.3	37.3		
				NLTD										
B-170	4/9/13	8.20	5.0 R	0.71	A	Asphalt Pavement								
				0.71-3.0	A	Gr Si Sa, Gry, Moist	1.5	A-2-4	Gr Si Sa	31.8	35.7	32.4		
				3.0-5.0	A	Gr Si Sa, Br, Moist	7.7	Visual Description: Gr Si Sa Similar to 0.71-3.0 but darker color						
B-171	4/9/13	8.30 +140'	5.1 L	0.58	A	Asphalt Pavement								
				0.58-5.0	A	Gr Si Sa, Br, Moist	9.2	A-2-4	Si Sa	18.6	50.0	31.4		
				NLTD										
B-172	4/9/13	8.40	13.5 L	0.57	A	Asphalt Pavement								
				0.57-3.0	A	Si Gr Sa, Br, Moist	13.7	A-2-4	Si Sa	14.7	53.5	31.8		
				3.0-5.0	A	Gr Si Sa, Br, Mtw	9.1	A-2-4	Si Sa	18.0	47.4	34.7		
B-173	4/9/13	0.10	14.1 R	0.67	A	Asphalt Pavement								
				0.67-3.0	A	Gr Si Sa, Gry, Moist	6.3	A-2-4	Gr Si Sa	29.6	38.5	31.9		
				3.0-5.0	A	Si Sa Gr, Br, Moist	10.9	A-2-4	Gr Si Sa	22.1	44.1	33.8		
B-174	4/9/13	0.40	5.2 R	0.78	A	Asphalt Pavement								
				0.78-3.0	A	Si Gr Sa, Gry, Moist	2.0	A-2-4	Si Gr Sa	30.4	40.6	29.0		
				3.0-5.0	A	Si Gr Sa, Br, Moist	5.5	A-2-4	Gr Si Sa	25.0	44.3	30.7		



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							SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT
B-175	4/9/13	0.60	6.0 L	0.64	A	Asphalt Pavement								
				0.64-5.0	A	Gr Si Sa, Br, Moist	6.5	A-4	Si Sa	19.6	44.6	35.8		
				NLTD										
B-176	4/9/13	0.70	13.5 L	0.61	A	Asphalt Pavement								
				0.61-3.0	A	Si Gr Sa, Gry, Moist	5.6	A-4	Gr Sa Si	21.5	36.8	41.7		
				3.0-5.0	A	Gr Si Sa, Br, Moist	5.4	Visual Description: Gr Si Sa, Similar to 0.61-3.0 but darker color						
B-177	4/9/13	0.80	14.3 R	0.54	A	Asphalt Pavement								
				0.54-1.0	A	Si Gr Sa, Gry, Moist	2.8	A-1-b	Si Sa Gr	53.4	24.8	21.9		
				1.0-3.0	A	Gr Si Sa, Br, Moist	5.5	A-1-b	Si Gr Sa	33.5	44.7	21.8		
B-178	4/9/13	1.05	4.0 R	0.65	A	Asphalt Pavement								
				0.65-5.0	A	Si Gr Sa, Br, Mtw	9.9	Visual Description: Si Gr Sa, Similar to 1.0-3.0 but lighter color						
				NLTD										
B-180	4/9/13	1.30	15.1 L	0.49	A	Asphalt Pavement								
				0.49-5.0	A	Si Gr Sa, Br, Moist	5.6	A-2-4	Gr Si Sa	23.3	43.9	32.7		
				NLTD										
B-181	4/9/13	1.30	17.0 R	0.52	A	Asphalt Pavement								
				0.52-1.50	A	Si Gr Sa, Br, Moist	5.4	A-2-4	Gr Si Sa	22.5	44.0	33.4		
				1.50-5.0	A	Gr Si Sa, Gry, Moist	3.2	A-2-4	Gr Si Sa	29.4	41.0	29.6		
B-182	4/9/13	1.60	8.8 R	0.44	A	Asphalt Pavement								
				0.44-5.0	A	Gr Si Sa, Br, Moist	6.6	A-4	Si Sa	15.2	45.0	39.8		
				NLTD										
B-183	4/9/13	1.90	5.0 L	0.76	A	Asphalt Pavement								
				0.76-5.0	A	Gr Si Sa, Br, Moist	2.9	A-4	Gr Si Sa	21.3	40.2	38.5		
				NLTD										
B-184	4/9/13	2.00	16.0 L	0.48	A	Asphalt Pavement								
				0.48-5.0	A	Si Sa Gr, Br, Moist	2.6	A-1-b	Si Sa Gr	50.6	27.9	21.5		
				NLTD										

**PROJECT NAME:** KILLINGTON-WOODSTOCK  
**PROJECT NUMBER:** ER NH 020-2(38)  
**FILE NAME:** z13bi92bor.dgn **PLOT DATE:** 3/7/2016  
**PROJECT LEADER:** E. ATKINS **DRAWN BY:** N. GOTTIER  
**DESIGNED BY:** T. BIGELOW **CHECKED BY:** E. ATKINS  
**BORING SHEET 1** **SHEET 16 OF 146**