



**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
TESTED BY: J.Touchette, J. Staab

SITE: US-4 **DATE:** 4/5 - 5/8/2013
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	PLASTIC LIMIT
B-223A	4/5/13	2.7 +50'	6.3 L	0.94	A	Asphalt Pavement								
	4/5/13	2.7 +50'	6.3 L	0.94- 3.5	A	Gr Sa, brn, Moist	6.9	A-2-4	Gr Si Sa	24.6	50.4	25.0		
	4/5/13	2.7 +50'	6.3 L	3.5- 5.0		Si Sa, Dk/brn, MTW	39.3	A-2-4	Si Sa	15.7	55.6	28.7		
					NLTD									
B-223B	4/5/13	2.7 -50'	6.7 L	1.16	A	Asphalt Pavement								
	4/5/13	2.7 -50'	6.7 L	1.16- 3.5	A	Gr Si Sa, brn, M	12.2	A-2-4	Si Sa	16.8	56.0	27.2		
	4/5/13	2.7 -50'	6.7 L	3.5- 5.0	A	Si Sa, Dk/brn, MTW	17.3	A-4	Si Sa	7.8	50.8	41.4		
					NLTD									
B-224	4/5/13	2.9	12.0 L	0.98	A	Asphalt Pavement								
	4/5/13	2.9	12.0 L	0.98- 5.0	A	Si Sa, brn, MTW	16.1	A-2-4	Si Sa	2.2	63.5	34.3		
					NLTD									
B-225	4/5/13	3.2	0.0	0.95	A	Asphalt Pavement								
	4/5/13	3.2	0.0	0.95- 5.0	A	Sa Gr, Dk/brn, Moist	10.1	A-2-4	Gr Si Sa	20.7	56.4	22.9		
					NLTD									
B-226	4/5/13	3.50	7.9 R	0.0-1.18	A	Asphalt Pavement								
	4/5/13	3.50	7.9 R	1.18- 3.0	A	Broken Rock Gr Sa, brn, Moist	5.6	A-1-b	Si Gr Sa	29.8	48.3	21.9		
	4/5/13	3.50	7.9 R	3.0- 5.0	A	Gr Sa, Dk/brn, Moist	11.5	A-2-4	Si Sa	18.4	56.4	25.2		
B-227	4/5/13	3.80	4.3 R	0.94	A	Asphalt Pavement								
	4/5/13	3.80	4.3 R	0.94- 2.0	A	Gr Sa, brn, Moist	4.7	A-1-b	Gr Sa	28.5	54.0	17.5		
	4/5/13	3.80	4.3 R	2.0- 5.0	A	Gr Sa, brn, Moist	5.6	A-2-4	Si Gr Sa	24.6	54.2	21.2		
					NLTD									
B-228	4/5/13	4.1 -37	5.8 L	0.98	A	Asphalt Pavement								
	4/5/13	4.1 -37	5.8 L	0.98- 5.0	A	Gr Sa, brn, Moist	8.5	A-2-4	Gr Si Sa	20.6	55.3	24.1		
					NLTD									
B-229	4/5/13	4.4 -22	14.3 L	0.76	A	Asphalt Pavement								
	4/5/13	4.4 -22	14.3 L	0.76- 4.5	A	Broken Rock Gr Sa, brn, Moist	6.5	A-1-b	Gr Sa	29.1	54.5	16.4		
	4/5/13	4.4 -22	14.3 L	4.5- 5.0	A	Sa, brn, Moist	6.7	A-2-4	Si Sa	2.5	72.4	25.0		
					NLTD	**Moved due to intersection and underground utilities								
B-230	4/5/13	4.7	11.0 R	1.04	A	Asphalt Pavement								
	4/5/13	4.7	11.0 R	1.04-5.0	A	Sa Gr, brn, Moist	7.6	A-2-4	Gr Si Sa	20.7	55.7	23.6		
					NLTD									
B-231	4/5/13	5.00	4.8 R	0.81	A	Asphalt Pavement								
	4/5/13	5.00	4.8 R	0.81- 5.0	A	Gr Sa, brn, Moist	7.9	A-2-4	Si Sa	18.3	52.9	28.8		
					NLTD									



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						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-232	4/5/13	5.30	4.3 L	0.82	A	Asphalt Pavement								
	4/5/13	5.30	4.3 L	0.82- 5.0	A	Broken Rock Gr Sa, brn, Moist	5.5	A-1-b	Si Gr Sa	30.4	49.2	20.4		
					NLTD									
B-233	4/5/13	5.60	10.4 L	1.32	A	Asphalt Pavement								
	4/5/13	5.60	10.4 L	1.32- 5.0	A	Gr Sa, brn, Moist	8.9	A-2-4	Si Gr Sa	28.9	48.7	22.4		
					NLTD									

PROJECT NAME:	KILLINGTON-WOODSTOCK
PROJECT NUMBER:	ER NH 020-2(38)
FILE NAME:	z13bi92bor.dgn
PROJECT LEADER:	E. ATKINS
DESIGNED BY:	T. BIGELOW
BORING SHEET	4
PLOT DATE:	3/7/2016
DRAWN BY:	N. GOTTIER
CHECKED BY:	E. ATKINS
SHEET	19 OF 146