VERMONT AGENCY OF TRANSPORTATION
CONSTRUCTION & MATERIALS BUREAU
GEOTECHNICAL ENGINEERING SECTION
DRILLING NOTES

PROJECT NAME: BETHEL-ROYALTON PROJECT NUMBER: STP 2964(1) SITE: VT 107 DATE: 9/13/2018

BORING CREW: JUDKINS, BROCHU TESTED BY: K. Yelinek REVIEWED BY: S. Madden

BORING No.	DATE DRILLED	STATION	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-101A	9/13/18	A 24+00	16.0 R	0.0'-0.22'	4" Core	Asphalt										
				0.22'-3.0'	Solid Stem Auger	Gr Sa	brn	M								
				3.0'-5.0'		Gr Sa Si	brn	M								
B-101B	9/13/18	A 24+00	6.0 L	0.0'-0.55'	4" Core	Asphalt										
				0.55'-5.0'	Solid Stem Auger	Si Gr Sa	brn	M	4.2	A-2-4	Gr Si Sa	28.9	40.5	30.7		
B-101C	9/13/18	A 24+00	17.0 L	0.0'-0.29'	4" Core	Asphalt										
				0.29'-3.5'	Solid Stem Auger	Si Gr Sa	lt brn	M								
				3.5'-5.0'		Gr Sa Si	brn	M								
B-101D	9/13/18	A 24+00	31.0 L	0.0'-0.3'	4" Core	Asphalt										
				0.3'-5.0'	Solid Stem Auger	Si Gr Sa	brn	M	10.4	A-1-b	Sa Gr	52.6	42.1	5.3		

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						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-102A	9/13/18	A 26+00	16.0 R	0.0'-0.26'	4" Core	Asphalt								
				0.26'-5.0'	Solid Stem Auger	Si Sa brn M								
B-102B	9/13/18	A 26+00	4.0 R	0.0'-0.65'	4" Core	Asphalt								
				0.65'-5.0'	Solid Stem Auger	Si Sa brn M								
B-102C	9/13/18	A 26+00	15.0 L	0.0'-0.26'	4" Core	Asphalt								
				0.26'-5.0'	Solid Stem Auger	Si Gr Sa brn M								
B-102D	9/13/18	A 26+00	26.0 L	0.0'-0.50'	4" Core	Asphalt								
				0.50'-5.0'	Solid Stem Auger	Gr Sa brn M	7.8	A-1-b	Sa Gr	45.1	39.8	15.1		
						*Note: softer drilling encountered 3.0'-5.0'								
B-103A	9/13/18	A 28+00	15.5 R	0.0'-0.25'	4" Core	Asphalt								
				0.25'-5.0'	Solid Stem Auger	Si Sa brn M	3.7	A-1-b	Si Gr Sa	25.3	54.5	20.2		

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						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-103B	9/13/18	A 28+00	5.0 L	0.0'-0.55'	4" Core	Asphalt								
				0.55'-5.0'	Solid Stem Auger	Si Gr Sa Lt brn								
B-103C	9/13/18	A 28+00	15.3 L	0.0'-0.18'	4" Core	Aphalt								
				0.18'-5.0'	Solid Stem Auger	Gr Si Sa Lt brn M								
B-104A	9/13/18	A 30+00	14.0 R	0.0'-0.18'	4" Core	Asphalt								
				0.18'-5.0'	Solid Stem Auger	Si Sa brn M								
B-104B	9/13/18	A 30+00	4.0 R	0.0'-0.60'	4" Core	Asphalt								
				0.60'-5.0'	Solid Stem Auger	Gr Si Sa brn M								
B-104C	9/13/18	A 30+00	16.0 L	0.0'-0.20'	4" Core	Asphalt								
				0.20'-3.0'	Solid Stem Auger	Gr Sa brn M								
				3.0'-5.0'		Si Sa Lt/ brn M	20.9	A-4	Sa Si	11	36.8	52.2		

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						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-105A	9/13/18	A 32+00	16.0 R	0.0'-0.35'	4" Core	Asphalt								
				0.35'-5.0'	Solid Stem Auger	Gr Si Sa brn M	6.5	A-2-4	Gr Si Sa	21.4	51.8	26.8		
B-105B	9/13/18	A 32+00	6.0 L	0.0'-0.52'	4" Core	Asphalt								
				0.52'-5.0'	Solid Stem Auger	Gr Si Sa brn M								
B-105C	9/13/18	A 32+00	16.0 L	0.0'-0.30'	4" Core	Asphalt								
				0.30'-5.0'	Solid Stem Auger	Si Gr Sa brn M								
B-106A	9/13/18	A 34+00	15.0 R	0.0'-0.35'	4" Core	Asphalt								
				0.35'-5.0'	Solid Stem Auger	Si Sa Lt brn M								
B-106B	9/13/18	A 34+00	5.0 R	0.0'-0.68'	4" Core	Asphalt								
				0.68'-5.0'	Solid Stem Auger	Gr Sa brn M								

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						SOIL TYPE, COLOR, MOISTURE	% MOISTURE	AASHTO CLASS.	SOIL DES.	% GRAVEL	% SAND	% FINES	LIQUID LIMIT	PLASTIC LIMIT
B-106C	9/13/18	A 34+00	16.0 L	0.0'-0.41'	4" Core	Asphalt								
				0.41'-5.0'	Solid Stem Auger	Si Gr Sa brn M	3.7	A-1-b	Sa Gr	48.4	33.5	18.1		
B-107A	9/13/18	A 36+00	15.0 R	0.0'-0.35'	4" Core	Asphalt								
				0.35'-5.0'	Solid Stem Auger	Gr Si Sa brn M								
B-107B	9/13/18	A 36+00	6.0 L	0.0'-0.71'	4"Core	Asphalt								
				0.71'-5.0'	Solid Stem Auger	Gr Si Sa brn M								
B-107C	9/13/18	A 36+00	16.0 L	0.0'-0.30'	4" Core	Asphalt								
				0.30'-5.0'	Solid Stem Auger	Gr Si Sa brn M								