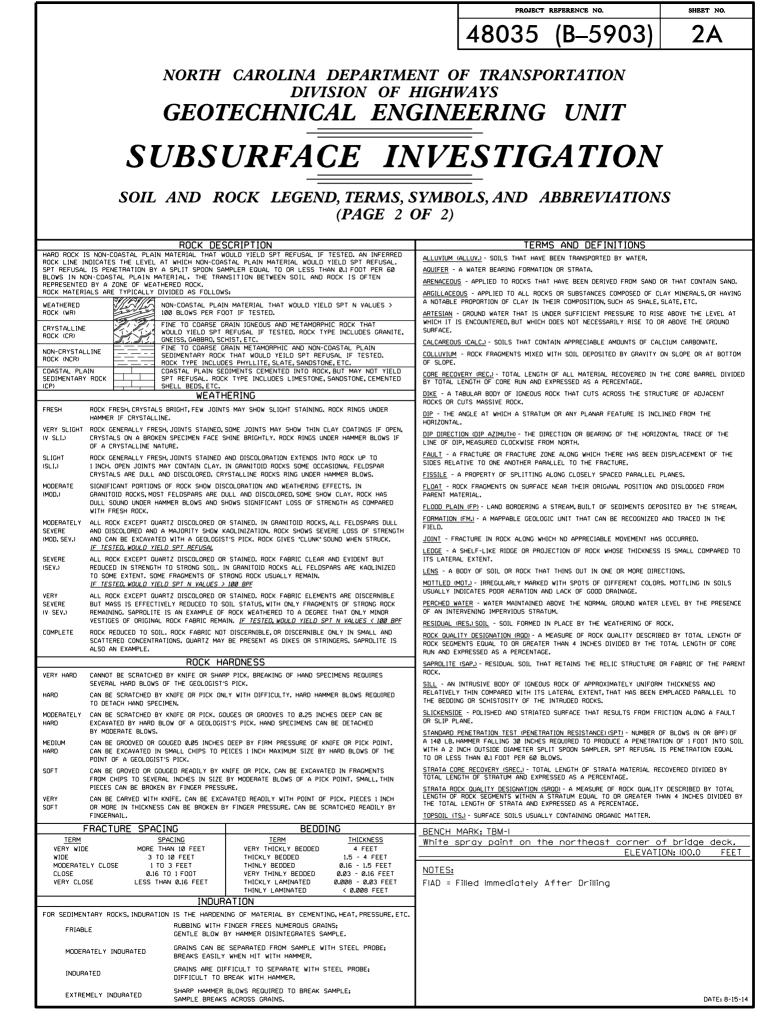
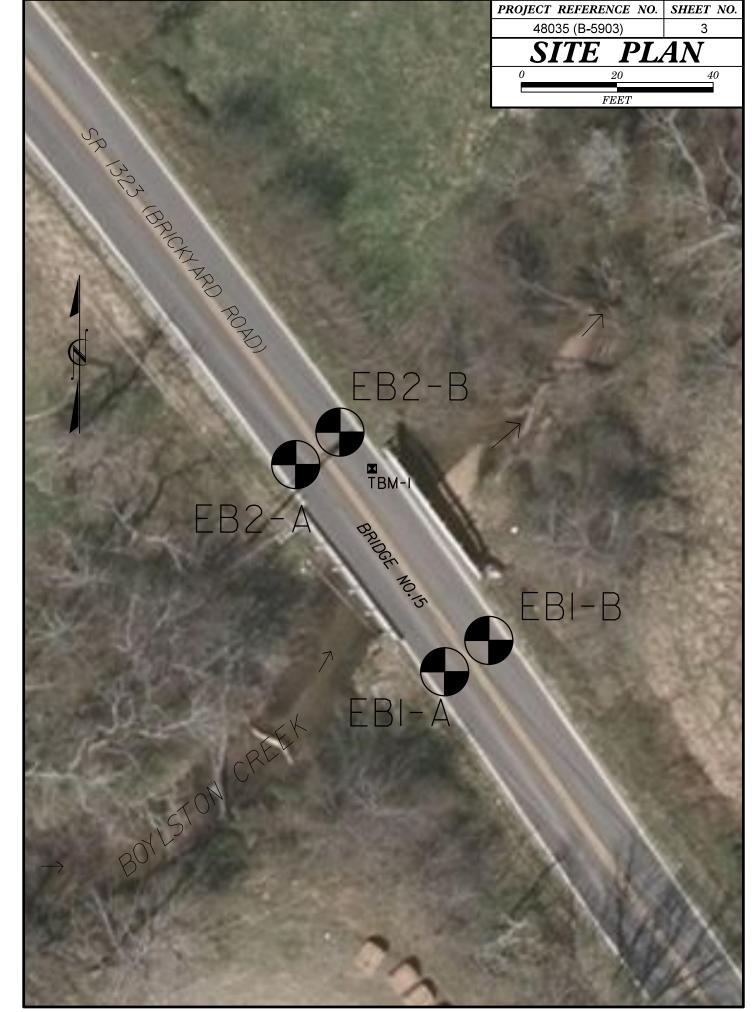
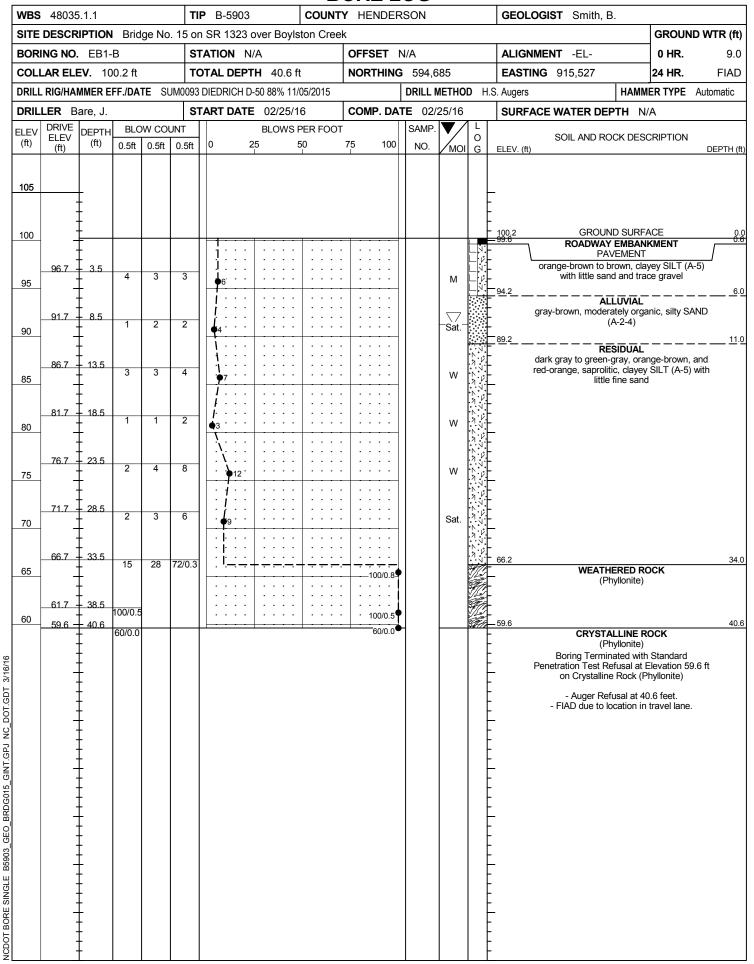
			STATE	STATE PROJECT REFERENCE NO.	SHEET	TOTAL
			N.C.	48035 (B-590	3) 1	SHEETS 7
B-5903	SU	STATE OF NO. DEPARTMENT OF DIVISION OF GEOTECHNICAL DE STRU BSURFACE	F TRAN DF HIG ENGINI CTU	NSPORTATION GHWAYS EERING UNIT	ON	<u>.</u>
FERENCE:		COUNTY <u>HENDERSON</u> PROJECT DESCRIPTION <u>BRID</u> OVE SITE DESCRIPTION		O. 15 ON SR 1323 YLSTON CREEK		
REFE	CONTENTS <u>SHEET NO.</u> 1 2, 2A 3 4-7	DESCRIPTION TITLE SHEET LEGEND SITE PLAN BORE LOGS		<u> </u>	PERSONNEL SMITH, PG VORLEY, PG ARE SUTTON	
	THE SUBSURFACE INFORMATION MADE FOR THE PURPOSE OF F	AUTION NOTICE AND THE SUBSURFACE INVESTIGATION ON WHICH IT IS BASED WER REPARING THE SCOPE OF WORK TO BE INCLUDED IN THE REQUEST	FOR	INVESTIGATED BY DRAWN BYB. SM CHECKED BYB. W SUBMITTED BY DATE MARCH, 2	ITH, PG ORLEY, PG nit Design and meering Services, PL	-ds 3110
OJECT: 48035	PROPOSAL. THE VARIOUS FIEL BE REVEWED OR INSPECTED IN GEOTECHNICAL ENCINEERING UN BORING LOGS, ROCK CORES AN SOIL AND ROCK BOUNDARIES W UNLESS ENCOUNTERED IN A S. ACTUAL SUBSURFACE CONDITIC NECESSAILY REFLECT ACTUAL SAMPLE DATA AND THE IN SIT OF RELIABILITY INNERENT IN T MOISTURE CONDITIONS INDICATE TIME OF THE INVESTIGATION. I CONSIDERABLY WITH TIME ACC PRECIPITATION AND WIND, AS W THE BIDDER OR CONTRACTOR PRELIMINARY ONLY AND IN MAI AND CONSTRUCTION PURPOSES DESIGN INFORMATION ON THIS SUFFICIENCY OR ACCURACY OF OPINION OF THE DEPARTMENT THE BIDDER OR CONTRACTOR DESIGN INFORMATION ON THIS SUFFICIENCY OR ACCURACY OF OPINION OF THE DEPARTMENT THE BIDDER OR CONTRACTOR AS HE DEEMS NECESSARY TO PROJECT. THE CONTRACTOR S	b BORING LOGS, ROCK CORES AND SOIL TEST DATA AVAILABLE MAY I RALEIGH BY CONTACTING THE N.C. DEPRATIMENT OF TRANSPORTA IT AT 1990 707-6850. THE SUBSURFACE PLANS AND REPORTS, FIEL D SOIL TEST DATA ARE NOT PART OF THE CONTRACT. TIHIN A BOREHOLE ARE BASED ON GEOTECHNICAL INTERPRETATION AMPLE. INTERPRETED BOUNDARIES MAY NOT NECESSARILY REFLECT NS BETWEEN SAMPLED STRATA AND BOREHOLE INFORMATION MAY' . SUBSURFACE CONDITIONS BETWEEN BORINGS. THE LABORATORY U (IN-PLACE) TEST DATA CAN BE RELIED ON ONLY TO THE DEGREH ES TANDARD TEST METHOD. THE OBSERVED WATER LEVELS OR S D. IN THE SUBSURFACE INVESTIGATIONS ARE AS RECORDED AT THE HESE WATER LEVELS OR SOIL MOISTURE CONDITIONS MAY YARY DROING TO CLIMATIC CONDITIONS INCLUDING TEMPERATURES, ELL AS OTHER NON-CLIMATIC FACTORS. S CAUTIONED THAT DETAILS SHOWN ON THE SUBSURFACE PLANS A YY CASES THE FINAL DESIGN DETAILS ARE DIFFERENT, FOR BIDDING, REFER TO THE CONSTRUCTION PLANS AND DOCUMENTS FOR FINAL REFER TO THE CONSTRUCTION PLANS AND DOCUMENTS FOR FINAL REFER TO THE CONSTRUCTION PLANS AND DOCUMENTS FOR FINAL REFER TO THE CONSTRUCTION PLANS AND CONDITIONS TO BE ENCOUNT S CAUTIONED TO MAKE SUCH INDEPENDENT SUBSURFACE INVESTIGA ASTO THE TYPE OF MARTENIL DOES. NOT WARRANT OR GUARANTEE T THE INVESTIGATION MADE, NOR THE INTERPRETATIONS MADE, OR SATISTY HIMSELF AS TO CONDITIONS TO BE ENCOUNT S CAUTIONED TO MAKE SUCH INDEPENDENT SUBSURFACE INVESTIGA SATISTY HIMSELF AS TO CONDITIONS TO BE ENCOUNT S CAUTIONED TO MAKE SUCH INDEPENDENT SUBSURFACE INVESTIGA SATISTY HIMSELF AS TO CONDITIONS TO BE ENCOUNT S CAUTIONED TO MAKE SUCH INDEPENDENT SUBSURFACE INVESTIGA SATISTY HIMSELF AS TO CONDITIONS TO BE ENCOUNT S CAUTIONED TO MAKE SUCH INDEPENDENT SUBSURFACE INVESTIGA SATISTY HIMSELF AS TO CONDITIONS TO BE ENCOUNTERED ON THE ALL HAVE NO CLAIM FOR ADDITIONAL CONDITIONS ENCOUNTERED	TION, D NOT E OIL THE EFED, TIONS	SEA 239 DocuSigned by:	0 HL HL	
PRO	NOTES: I. THE INFORMATION CONTAI OF TRANSPORTATION AS OR CONTRACT FOR THE I 2. BY HAVING REQUESTED T FOR INCREASED COMPENS	INDICATED IN THE SUBSURFACE INFORMATION. NED HEREIN IS NOT IMPLIED OR GUARANTEED BY THE N.C.DEPARTI ACCURATE NOR IS IT CONSIDERED PART OF THE PLANS, SPECIFICAT PROJECT. HIS INFORMATION, THE CONTRACTOR SPECIFICALLY WAIVES ANY CLA ATION OR EXTENSION OF TIME BASED ON DIFFERENCES BETWEEN TI REIN AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.	IIONS	Brutt Smith BE61A493100105700RE DOCUMENT NOT CO UNLESS ALL SIGNAT	NSIDERED FI	

										PROJECT	REFERENCE NO.		SHEET NO.		
									48	3035	(B-590	3)	2		
						DIVISIO	N OI	F HIGHV	VAY	'S	DRTATION				
			GEC	JIE	UHN			NGINI	LEI 	KING	UNIT				
		S	UB.	SU.	RF]	NVE	ES	TIG	ATIO	N			
		SO	IL AND	ROC	K LE			5, SYMBO 1 OF 2)	DLS,	AND A	BBREVIAT	IONS	3		
			SOIL C	ESCRIPT	ION						GRADATION				
BE PENET	RATED WITH	A CONT	INUOUS FLIGHT PO	VER AUGER AN	ID YIELD LESS	EARTH MATERIALS TH 5 THAN 100 BLOWS P				ESENTATION OF PARTICL					
IS B	BASED ON TH	E AASH1	O SYSTEM. BASIC	DESCRIPTIONS	GENERALLY I	1586). SOIL CLASSIFI NCLUDE THE FOLLOW	NG:			S A MIXTURE OF	UNIFORM PARTICLE SIZE	S OF TWO			
AS	S MINERALO	GICAL CO	MPOSITION, ANGULA	RITY, STRUCTU	RE, PLASTICIT	R PERTINENT FACTO		THE A	NGULARIT		ARITY OF GRAINS OF SOIL GRAINS IS DES		THE TERMS:		
			CLAY, MOIST WITH INT			S.HIGHLY PLASTIC.A-7-6				NGULAR, SUBROUNDE	ED, OR ROUNDED.				
GENERAL		Granular	MATERIALS	SILT-CLAY	MATERIALS	ORGANIC MATER	IALS	MTA			IGICAL COMPOSIT		TC.		
CLASS. GROUP	(A-1	≤ 35% PAS A-3	A-2	(> 35% PA	SSING *200) A-6 A-7	A-1, A-2 A-4, A-5				N DESCRIPTIONS W	HEN THEY ARE CONSIDER				
	A-1-a A-1-b		2-4 A-2-5 A-2-6 A-2		A-7-5, A-7-6	A-3 A-6, A-7			CI 101	CON HTLY COMPRESSIBL		LL < 31			
SYMBOL									MODE	HILY COMPRESSIBL RATELY COMPRESS LY COMPRESSIBLE		LL < 31 LL = 31 - LL > 50	50		
	50 MX					GRANULAR SILT- CLAY	MUCK,				AGE OF MATERI				
	30 MX 50 MX 15 MX 25 MX		MX 35 MX 35 MX 35 I	1X 36 MN 36 MM	1 36 MN 36 MN	SOILS	PEAT	ORGANIC	IATERIAL	GRANULA	R SILT - CLAY SOILS	OTHER	MATERIAL		
MATERIAL								TRACE OF OF		1ATTER 2 - 3%	3 - 5%	TRACE LITTLE	1 - 10% 10 - 20%		
PASSING #40 LL	-		MX 41 MN 40 MX 41 M			SOILS WITH LITTLE OR		MODERATELY HIGHLY ORGA	ORGANIC			SOME HIGHLY	20 - 35% 35% AND ABOVE		
PI GROUP INDEX	6 MX Ø	NP 10 Ø	MX 10 MX 11 MN 11 M 0 4 MX		11 MN 11 MN 16 MX NO MX	MODERATE AMOUNTS OF	HIGHLY Organic		NIC		ROUND WATER	HIGHL I	33% HIND HOUVE		
	Ø STONE FRAGS.			+		ORGANIC	SOILS	∇	_		IN BORE HOLE IMMEDIATI	ELY AFTER	DRILLING		
	GRAVEL, AND SAND	F INE SAND	SILTY OR CLAYEY GRAVEL AND SAND	SILTY SOILS	CLAYEY SOILS	MATTER		, v v v v v v v v v v v v v v v v v v v			LEVEL AFTER 24 HO				
GEN. RATING	0.0.0		T TO GOOD	FUID	TO POOR	FAIR TO POOR	UNSUITABLE	∑P\	<u>v</u>	PERCHED WATER	R, SATURATED ZONE, OR N	WATER BEAR	ING STRATA		
AS SUBGRADE			5 SUBGROUP IS ≤ LL			POOR		О1	ハᠬ╾	SPRING OR SEE	P				
		.u. H-/-						MISCELLANEOUS SYMBOLS							
PRIMARY S	SOIL TYPE		PACTNESS OR		STANDARD	RANGE OF UNC	STRENGTH	ROADWAY EMBANKMENT (RE) 25/025 DIP & DIP DIRECTION							
				(N-V	ALUE)	(TONS/F	T ²)	WITH SOIL DESCRIPTION							
GENERAL GRANULA			ERY LOOSE	4 1	4 10 10	1		SOIL SYMBOL SIDE INDICATOR							
MATERIA (NON-CO	۹L		DIUM DENSE DENSE		TO 30 TO 50	N/A		ARTIFICIAL FILL (AF) OTHER OUGER BORING CONE PENETROMET							
		-	VERY DENSE		50 2	< 0.25	5								
GENERAL SILT-CL			SOFT	2	TO 4 TO 8	0.25 TO 0.5 TO	0.5								
MATERIA	4L		STIFF	8 1	0 15	1 TO 2	2								
(COHESI)	¥C)	<u> </u>	/ERY STIFF HARD	>	ro 30 30	2 TO	•								
			TEXTURE	OR GRAIN	N SIZE						ENDATION SYMBO				
U.S. STD. SIE OPENING (MM			4 10 4.76 2.00	40 0.42	60 200 0.25 0.075	270 5 0.053			E	UNCLASSIFIED) EXCAVATION -	ACCEPTA	BLE.BUT NOT TO BE		
BOULDEF		BBLE	GRAVEL	COARSE	FINE	C11 T	CLAY	SHALLOW UNDERCUT	6) EXCAVATION - DEGRADABLE ROCK		THE TOP 3 FEET OF MENT OR BACKFILL		
(BLDR.)		0B.)	(GR.)	SAND (CSE. SD.)	SAND (F SD		(CL.)				BREVIATIONS				
GRAIN MM SIZE IN.		75 3			0.25	0.05 0.005	5	AR - AUGER REF BT - BORING TE) MEDIUM A MICACEOUS		VANE SHEAR TEST WEATHERED		
			10ISTURE -		TION OF	TERMS		CL CLAY		MOE	- NON PLASTIC	γ-u	NIT WEIGHT RY UNIT WEIGHT		
	MOISTURE	SCALE	FIELD M	DISTURE		FIELD MOISTURE DE	SCRIPTION	CSE COARSE		ORG	- ORGANIC	-			
(ATT	ERBERG LIN	1115)	DESCRI	I				DMT - DILATOME DPT - DYNAMIC		TION TEST SAP	- PRESSUREMETER TES	S - BL			
			- SATUR/ (SAT.			DUID:VERY WET.USU V THE GROUND WATE		e - VOID RATIO F - FINE			- SAND, SANDY - SILT, SILTY		SPLIT SPOON SHELBY TUBE		
LL PLASTIC		LIMIT				REQUIRES DRYING TO	 ו	FOSS FOSSILI FRAC FRACTUR		SLI	- SLIGHTLY - TRICONE REFUSAL	RS - F			
RANGE <	DI AGT		- WET -	(W)		IMUM MOISTURE	J	FRAGS FRAGME HI HIGHLY		w -	MOISTURE CONTENT	CBR -	CALIFORNIA BEARING RATIO		
PLL.	PLASTI	LIMIÍ						INT HIGHLY	EQ			PROJEC			
OM . SL				- (M)	SULID; AT O	R NEAR OPTIMUM MO	USTURE	DRILL UNITS:		ADVANCING TOOL	.S:	HAMMER T	YPE:		
52			- DRY -	(D)		DDITIONAL WATER T	0	CME-45C				X AUTO			
					ATTAIN OPT	IMUM MOISTURE		CME-55		6° CONTINU	JOUS FLIGHT AUGER		—		
 				ASTICITY	(PI)			СМЕ-550			ED FINGER BITS	∐- ⁻ B	Ц-н		
	PLASTIC		PLAST	0-5	<u>(r.1)</u>	DRY STRENO VERY LOV					BIDE INSERTS	<u> </u>			
MODE	GHTLY PLAS ERATELY PL	ASTIC		6-15 16-25		SLIGHT MEDIUM		VANE SHEAF	K IEST	CASING [W/ ADVANCER	HAND TOO	LS: I HOLE DIGGER		
HIGH	HLY PLASTI	C		6 OR MORE		HIGH		PORTABLE P	IOIST		STEEL TEETH) AUGER		
<u> </u>				COLOR				X Diedrict	<u>D-5</u> 0		• TUNGCARB.		NDING ROD		
						YELLOW-BROWN, BLU ESCRIBE APPEARANC					Now Augors		SHEAR TEST		
										X 2.25" Ho	blow Augers				





NDC	4803	5 1 1					-5903	,							.OC RSON						D			
		RIPTION	J Bric						ar Roy				1101	NUCL						IST Worley	, D.	GPOU) /fi
		. EB1		ige nu			ON N			/15101				ET					ALIGNME			0 HR.		•
		EV. 10							120	tt		_			594	1 679	8		EASTING			24 HR.	F	9.0 IAE
-		MMER E				-				-	2015							<u>п</u> п	.S. Augers	915,517		JZ4 NK. MER TYPE		
			FF./DA	IE S							2015							и п.	-				Automa	
	_ER B	1	. PLC	ow co			DAT		BLOW:					² . DA	TE 0		/ 10	1 L	SURFACE	WATER DE		/A		
LEV (ft)	ELEV (ft)	DEPTH (ft)	0.5ft		-	0		25		50		75	5	100	NC		моі	0	ELEV. (ft)	SOIL AND R	OCK DES	CRIPTION	DEP	<u>TH (</u>
105		- -																	-					
100	_																		- - - - 100.1 					0
	•	ŧ				j	· · ·		•••	:	 	:	•••	· · ·							AVEMENT	-		
~	96.5	3.6	4	3	3		· · ·	.	•••	:	 	:	· ·	· ·			D		- bro	own, silty SANI	D (A-2-4)	with little gr	avel	
95	-	‡	1			╎┝┦	υ 	+.		:+		.					J		94.0					6
	91.5	- 8.6	1			{	· · ·	.	•••	:	 	:	· ·	· ·		,	∇		- gray	-brown to brow	Vn, silty S/) with	
90	91.0	1 0.0	1	2	2			-		•		·	• •				M-		-	li	ittle mica			
	-	Ŧ	1			ļŢ				: [·							-					
	86.5	13.6	2	3	4			.	•••	-	· · ·								-					
35	-	Ŧ			4		7	+-		-		÷					W		84.6		ESIDUAL			15
		Ŧ				· ·	· · ·	.	•••			:		•••					-	green-gray, gr	ay, and or	ange-brow	n,	
30	81.5	+ 18.6 +	2	2	4			.	•••	:	· · ·	:	•••	· · ·			м		- sapr	olitic, slightly n	nicaceous (A-4)	, tine sandy	/ SILT	
	-	ŧ	1				. <u>,</u> .	1.				.							-					
	76.5	+ + 23.6] :	· · · ·	1.	•••	:	 	:	· · · ·	· ·					-					
75		‡	4	12	20				9 32	•	· · ·	·		•••			М		-					
	•	‡				:	· · ·	:		:	 	:	· ·	· ·					-					
-	71.5	28.6	6	8	24	:	· · ·	.	· · ·	:	 	:	· ·	· ·			N4		-					
70	-	ŧ						+	•32	:							М		-					
	66 5	1	1					.			 	:	•••	•••					-					
65	66.5	+ 33.6 _	14	15	41	1Ŀ			•••	·	9 56	·	• •				М							
	-	Ŧ	1			·				: [1	·							- - 62.6					37
	61.5	38.6	100/0.2			:		.	•••	-	· <u> </u>	֠						11				оск		
60	-	Ŧ	100/0.2	1				+-				·	• 10	00/0.2					-	()	Phyllonite)			
		Ŧ	1			:	· · ·	.	•••			:	•••	· · ·				Ø	58.1	CRYST		ROCK		42
ł	56.5	+ 43.6 +	60/0.0					· ·	••	•	•••	•	<u> </u>	50/0.0	Η	┢			- 56.5		Phyllonite)			43
	-	ŧ																	_ - Pen -	Boring Term etration Test F in Crystallir	Refusal at	Elevation 5	6.5 ft	
		‡																	- Ha	ard drilling at 3	7.5 feet wa	as interpret	ed as	
	-	ŧ	1																_	the top of arder drilling at	Weathere 42.0 feet	ed Rock. was interp		
		‡	1																-	as the top of - FIAD due to	of Crystalli	ine Rock.		
	_	‡	1																-					
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														UG			
WBS	48035	5.1.1			Т	IP B	-5903			COU	NTY	HEN	NDER	SON			GEOLOGIST Smith, B.
SITE	DESCR		Bric	dge No). 15 o	n SR	1323	over E	Boyls	ton Cr	eek						GROUND WTR (
BORI	NG NO.	EB2	A		S	TATIC	N N	/A			C	OFFS	ET N	J/A			ALIGNMENT -EL- 0 HR. Cave
COLL	AR ELI	E V. 10	00.1 ft		Т	OTAL	DEPT	FH 2	9.5 ft		N	IORT	HING	594,7	21		EASTING 915,486 24 HR. FIA
RILL	RIG/HA	MMER E	FF./DA	TE SI	UM0093	3 DIED	RICH D	-50 88	% 11/0)5/2015	;			DRILL N	IETHO	DH.	S. Augers HAMMER TYPE Automatic
RILI	ER B	are, J.			S	TART	DATE	E 02	/25/10	6	C	COMF	. DA	FE 02/2	25/16		SURFACE WATER DEPTH N/A
LEV	DRIVE	DEPTH	BLC	ow co						PER FO	ОТ			SAMP.	▼/	L	
(ft)	ELEV (ft)	(ft)	0.5ft	0.5ft	0.5ft	0	2	25	5	0	75	5	100	NO.	моі	O G	SOIL AND ROCK DESCRIPTION ELEV. (ft) DEPTH
105																	
	-	Ŧ														F	-
	-	Ŧ														F	-
100	-																100.1 GROUND SURFACE
		F		1		:			•••			•••					PAVEMENT orange-brown to dark brown, sandy SILT
95	96.6	+ 3.5 	12	12	5	11:	•••••		•••			•••			м		- (A-4) with little clay and gravel
	-	F									•••	•••					
F	91.6 ·	8.5	2	2	3	·,	/ · · ·		•••			•••				0000	gray-brown to brown, fine to coarse SAND (A-1-b) with trace gravel
90	-	ŧ	2	2	3			· ·			•••		•••		Sat.		() () () (() () () () () () () () () ()
	-	Ŧ				:`	Ϋ́́		•••			•••	· ·			0000	-
35	86.6	+ 13.5 T	5	7	8	11:			· · · ·		· ·	· · · ·	· ·		Sat.		- 85.6 1
	-	ŧ															RESIDUAL light to dark gray and orange-brown,
	- 81.6	- 18.5					· · · · · ·		•••		· ·	· · · ·	· ·				saprolitic, fine sandy SILT (A-4) with little clay
30	-	‡	8	17	24		· · ·	· ·	•41		•••		•••		М		-
	-	‡					· · · · · ·		· · · ·		÷,		· ·				WEATHERED ROCK
75	76.6	23.5	40	60/0.4	-	:	· · · · · ·		· · · ·		· ·						(Phyllonite)
13	-	ŧ										10 	0/0.9				
	71.6	- 28.5				:	 		· · · ·		· ·	· · · ·	· ·				-
F	70.6	20.5	100/0.2			<u> </u> ∙						• <u>10</u> 6	0/0.2 0/0.0	-			- 70.6 2 - CRYSTALLINE ROCK
	-	ŧ															- (Phyllonite)
	-	ŧ															Boring Terminated with Standard Penetration Test Refusal at Elevation 70.6 ft
	-	ŧ															on Crystalline Rock (Phyllonite)
	-	ŧ		1													- Groundwater observed at approximately 8.5 feet.
	-	Ł		1												[- Auger Refusal at 29.5 feet. - FIAD due to location in the travel lane.
	-	ŧ		1												F	
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WBS	48035	5.1.1			Т	IP	B-5903		COUNT	Y HE	ENDER	RSON			GEOLOGIST Smith, B.		
SITE	DESCR	IPTION	Brid	lge No	o. 15 oi	n S	SR 1323 o	ver Boyls	ton Cree	k						GROUN	D WTR (f
BORI	NG NO.	EB2-	·B		S	TAT	TION N/	4		OFF	SET 1	N/A			ALIGNMENT -EL-	0 HR.	8.0
COLL	AR ELI	EV. 99	9.9 ft		т	ОΤ	AL DEPTH	-1 33.4 ft		NOF	RTHING	5 594,7	28		EASTING 915,495	24 HR.	FIAD
ORILL	RIG/HA	MMER E	FF./DA	TE S	UM0093	3 DIE	EDRICH D-5	50 88% 11/	05/2015			DRILL M	IETHO	D H.	S. Augers HAMM	ER TYPE	Automatic
ORILI	ER B	are, J.			S	TAF	RT DATE	02/25/1	6	CON	IP. DA	TE 02/2	25/16		SURFACE WATER DEPTH N/	A	
LEV	DRIVE	DEPTH	BLC	w co					PER FOOT			SAMP.	V /	1 L	1		
(ft)	ELEV (ft)	(ft)	0.5ft	0.5ft	0.5ft	0) 25	5 5	50	75	100	NO.	мо	O G	SOIL AND ROCK DESC ELEV. (ft)	RIPTION	DEPTH
							•										
100															99.9 GROUND SURFA	CF	(
	-	F													99.2 ROADWAY EMBAN		
	96.4	- 3.5					 	· · · · · · · ·							DAVEMENT dark brown and orange-brown	n, sandy C	
95	-	+	3	2	2		•4			<u> </u>			w		(A-6)		,
	-	ŧ				!	<u> </u> ::::	· · · ·		:	· · ·				. <u>93.9</u> ALLUVIAL		6
~	91.4	8.5	2	1	1	$\left\{ \left \right\} \right\}$	· · · · ·	· · · ·	· · · ·				\vdash^{\vee}		gray-brown, fine to coarse SA little gravel	ND (A-1-b)) with
90	-	ŧ				┦┡	2			+:			Sat.		88.9		11
	-						$1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\$							Ł	dark gray, saprolitic, fine sar	ndy SILT (A	\ -4)
85	86.4	13.5	5	5	5	11	. \			.			w	-	with little clay	,	,
	-	F												-			
	81.4	18.5								.				F	80.9		19
80	-	ŧ	7	45	55/0.3		· _·				100/0.8	•		974	79.9 WEATHERED RO	CK	20
	-	ŧ						· · · · ·	::::						(Phyllonite) RESIDUAL		/
75	76.4	23.5	26	25	31			· · · · · · · ·	· · · · 1 · · ·				м		brown, orange-brown, and g fine sandy SILT (A-4) wit	ray, saprol h little clay	itic,
15	-	ŧ									·				73.9		26
	71.4	28.5						· · · · ·							WEATHERED RC (Phyllonite)	CK	
70	-/1.4 -	20.5	100/0.5	5						·	100/0.5						
	-	Ł												4			
-	66.5	33.4	60/0.0								-60/0.0	H		11	66.5		33
	-	F	00/0.0								00/0.0			F	- CRYSTALLINE RO (Phyllonite)		
	-	F												F	Boring Terminated with Penetration Test Refusal at E	Standard levation 66	6.5 ft
	-	Ŧ												F	on Crystalline Rock (Ph	nyllonite)	
	-	ŧ													- Harder drilling at 26.0 feet v as Weathered Ro	vas interpro	eted
	-	ŧ													 Auger Refusal at 33 	.4 feet.	
	-	ŧ													- FIAD due to location in the	e travel lan	ie.
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