

	PROJECT REFERENCE NO.	SHEET NO.												
	U-3330	2												
DIVISION OF HIGH	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS GEOTECHNICAL ENGINEERING UNIT													
SUBSURFACE INV	ESTIGATION	r												
SOIL AND ROCK LEGEND, TERMS, SYMB (PAGE 1 OF 2)		IS												
SOIL DESCRIPTION	GRADATION													
BE PENETRATED WITH A CONTINUOUS FLIGHT POWER AUGER AND YIELD LESS THAN 100 BLOWS PER FOOT	<u>)</u> - INDICATES A GOOD REPRESENTATION OF PARTICLE SIZES <u>RADED</u> - INDICATES THAT SOIL PARTICLES ARE ALL APPROXI	MATELY THE SAME SIZE.												
IS BASED ON THE AASHTO SYSTEM, BASIC DESCRIPTIONS GENERALLY INCLUDE THE FOLLOWING:	- INDICATES A MIXTURE OF UNIFORM PARTICLE SIZES OF TW	O OR MORE SIZES.												
	ANGULARITY OF GRAINS ANGULARITY OR ROUNDNESS OF SOIL GRAINS IS DESIGNATED	BY THE TERMS:												
	JLAR, SUBANGULAR, SUBROUNDED, OR ROUNDED.													
GENERAL GRANULAR MATERIALS SILT-CLAY MATERIALS	MINERALOGICAL COMPOSITION INERAL NAMES SUCH AS QUARTZ, FELDSPAR, MICA, TALC, KAOLI	N, ETC.												
GROUP A-1 A-3 A-2 A-4 A-5 A-6 A-7 A-1, A-2 A-4, A-5 All	RE USED IN DESCRIPTIONS WHEN THEY ARE CONSIDERED OF S													
CLASS. A-1-6 A-1-6 A-2-4 A-2-5 A-2-6 A-2-7 A-75 A-3 A-6, A-7	COMPRESSIBILITY SLIGHTLY COMPRESSIBLE LL < 3	1												
SYMBOL 000000000000000000000000000000000000	MODERATELY COMPRESSIBLE LL = 3 HIGHLY COMPRESSIBLE LL > 5	1 - 50												
	PERCENTAGE OF MATERIAL													
■200 15 MX 25 MX 10 MX 35 MX 35 MX 35 MX 35 MX 36 MN 36 MN 36 MN 36 MN 36 MN 36 MN		ER MATERIAL												
PASSING #40	ORGANIC MATTER 2 - 3% 3 - 5% TRACE GANIC MATTER 3 - 5% 5 - 12% LITTL	E 10 - 20%												
PI C MY ND 10 MY 1	Y ORGANIC 5 - 10% 12 - 20% SOME GANIC > 10% > 20% HIGHL													
GROUP INDEX Ø Ø Ø 4 MX 8 MX 12 MX 16 M MODERATE AMUUNTS OF ORGANIC	GROUND WATER													
USUAL TYPES STORE FRAGS. FINE SILTY OR CLAYEY SILTY CLAYEY MATTER	WATER LEVEL IN BORE HOLE IMMEDIATELY AFTE	ER DRILLING												
MATERIALS SAND SANU GRAVEL AND SANU SUILS SUILS	STATIC WATER LEVEL AFTER 24 HOURS													
AC CURCEADE EXCELLENT TO GOOD FAIR TO POOR POOR UNSUITABLE	PW PERCHED WATER, SATURATED ZONE, OR WATER BE	ARING SIRATA												
PI OF A-7-5 SUBGROUP IS < LL - 30 ; PI OF A-7-6 SUBGROUP IS > LL - 30	SPRING OR SEEP													
CONSISTENCY OR DENSENESS	MISCELLANEOUS SYMBOLS													
PRIMARY SOIL TYPE COMPACINESS OR PENETRATION RESISTENCE COMPRESSIVE STRENGTH	ROADWAY EMBANKMENT (RE) 25/025 DIP & DIP DIRECTION WITH SOIL DESCRIPTION OF ROCK STRUCTURES													
GENERALLY VERY LOOSE < 4 SO	SOIL SYMBOL													
(NON-COHESIVE) VERY DENSE > 50	$\stackrel{\frown}{\leftarrow}$	Y TEST												
VERY SOFT < 2 < 0.25 INF GENERALLY SOFT 2 TO 4 0.25 TO 0.5 INF	INFERRED SOIL BOUNDARY CORE BORING SOUNDING ROD													
SILT-CLAY MEDIUM STIFF 4 TO 8 0.5 TO 1.0 TT = TT = INF MATERIAL STIFF 8 TO 15 1 TO 2 INF	TEST BORING WELL TEST BORING WITH CORE													
	LUVIAL SOIL BOUNDARY \triangle PIEZOMETER C	- SPT N-VALUE												
TEXTURE OR GRAIN SIZE	RECOMMENDATION SYMBOLS													
U.S. STD. SIEVE SIZE 4 10 40 60 200 270 OPENING (MM) 4.76 2.00 0.42 0.25 0.075 0.053	UNSUITABLE WASTE	ASSIFIED EXCAVATION - PTABLE, BUT NOT TO BE												
BOULDER CORRE CRAVEL COARSE FINE STUT CLAY	W UNCLASSIFIED EXCAVATION - USED	IN THE TOP 3 FEET OF NKMENT OR BACKFILL												
BUDLDER CUBBLE GRAVEL SAND SAND SILI CLAY GRAVEL SAND SAND (SL.) (CDB.) (GR.) (CSE. SD.) (F SD.) (SL.) (CL.)	ABBREVIATIONS													
GRAIN MM 305 75 2.0 0.25 0.05 0.005 AR - AUGER R SIZE IN. 12 3 BT - BORING	EFUSAL MED MEDIUM VST	- VANE SHEAR TEST A WEATHERED												
	MOD MODERATELY γ	- UNIT WEIGHT - DRY UNIT WEIGHT												
SOIL MOISTURE SCALE FIELD MOISTURE CUIDE FOR FIELD MOISTURE DESCRIPTION CSE COARSE	ORG ORGANIC	- DRY UNIT WEIGHT												
(ATTERBERG LIMITS) DESCRIPTION DMT - DILATO	C PENETRATION TEST SAP SAPROLITIC S -	BULK												
- SATURATED - USUALLY LIQUID; VERY WET, USUALLY e - VOID RAT (SAT.) FROM BELOW THE GROUND WATER TABLE F - FINE	SL SILT, SILTY ST	- SPLIT SPOON - SHELBY TUBE												
BANGE C - WET - (W) SETTIODED, REGOMES BATHO TO	URED, FRACTURES TCR - TRICONE REFUSAL RT	- ROCK - RECOMPACTED TRIAXIAL												
(PI) PL _ PLASTIC LIMIT ATTAIN OPTIMUM MOISTURE FRAGS FRAG	V - VERY	R - CALIFORNIA BEARING RATIO												
OM OPTIMUM MOISTURE - MOIST - (M) SOLID; AT OR NEAR OPTIMUM MOISTURE DRILL UNITS:	EQUIPMENT USED ON SUBJECT PROJE ADVANCING TOOLS: HAMMER	ECT R TYPE:												
SL _ SHRINKAGE LIMIT		NUTOMATIC MANUAL												
- DRY - (D) REQUIRES ADDITIONAL WATER TO ATTAIN OPTIMUM MOISTURE CME-55	6* CONTINUOUS FLIGHT AUGER CORE S	SIZE:												
PLASTICITY	B* HOLLOW AUGERS	[_]-#												
PLASTICITY INDEX (PI) DRY STRENGTH CME-550 NON PLASTIC 0-5 VERY LOW	HARD FACED FINGER BITS	<u> </u>												
SLIGHTLY PLASTIC 6-15 SLIGHT VANE SHE MODERATELY PLASTIC 16-25 MEDIUM														
HIGHLY PLASTIC 26 OR MORE HIGH _ PORTABLE		OST HOLE DIGGER												
	TRICONE TUNGCARB.	OUNDING ROD												
DESCRIPTIONS MAY INCLUDE COLOR OR COLOR COMBINATIONS (TAN, RED, YELLOW-BROWN, BLUE-GRAY).		ANE SHEAR TEST												
	[_] [_] -													

			PROJECT REFERENCE NO.	SHEET NO.					
			U-3330	2A					
	NORTH	CAROLINA DEPARTMI DIVISION OF A	ENT OF TRANSPORTATION						
	GEO1		GINEERING UNIT						
	SUBS	URFACE IN	VESTIGATION	I					
	SOIL AND R	OCK LEGEND, TERMS, S (PAGE 2)	SYMBOLS, AND ABBREVIATION OF 2)	VS					
	ROCK DES	SCRIPTION	TERMS AND DEFINITIONS						
ROCK LINE INDI SPT REFUSAL I BLOWS IN NON-	NON-COASTAL PLAIN MATERIAL THAT W ICATES THE LEVEL AT WHICH NON-COAS S PENETRATION BY A SPLIT SPOON SA	OULD YIELD SPT REFUSAL IF TESTED. AN INFERRED STAL PLAIN MATERIAL WOULD YIELD SPT REFUSAL. MPLER EQUAL TO OR LESS THAN ØL FOOT PER 60 NSITION BETWEEN SOIL AND ROCK IS OFTEN	ALLUVIUM (ALLUV.) - SOILS THAT HAVE BEEN TRANSPORTED BY WATER. AQUIFER - A WATER BEARING FORMATION OR STRATA. ARENACEOUS - APPLIED TO ROCKS THAT HAVE BEEN DERIVED FROM SAND	D OR THAT CONTAIN SAND.					
ROCK MATERIAL	S ARE TYPICALLY DIVIDED AS FOLLOW		ARGILLACEOUS - APPLIED TO ALL ROCKS OR SUBSTANCES COMPOSED OF A NOTABLE PROPORTION OF CLAY IN THEIR COMPOSITION, SUCH AS SHALT						
WEATHERED ROCK (WR) CRYSTALLINE	100 BLOWS PER FO	N MATERIAL THAT WOULD YIELD SPT N VALUES > OT IF TESTED. RAIN IGNEOUS AND METAMORPHIC ROCK THAT REFUSAL IF TESTED. ROCK TYPE INCLUDES GRANITE.	ARTESIAN - GROUND WATER THAT IS UNDER SUFFICIENT PRESSURE TO R WHICH IT IS ENCOUNTERED, BUT WHICH DOES NOT NECESSARILY RISE TO SURFACE.	ISE ABOVE THE LEVEL AT					
ROCK (CR)	GNEISS, GABBRO, SC	HIST.ETC. RAIN METAMORPHIC AND NON-COASTAL PLAIN	CALCAREOUS (CALC.) - SOILS THAT CONTAIN APPRECIABLE AMOUNTS OF C						
ROCK (NCR)	ROCK TYPE INCLUD	THAT WOULD YEILD SPT REFUSAL IF TESTED. ES PHYLLITE, SLATE, SANDSTONE, ETC. DIMENTS CEMENTED INTO ROCK, BUT MAY NOT YIELD	COLLUVIUM - ROCK FRAGMENTS MIXED WITH SOIL DEPOSITED BY GRAVITY OF SLOPE.						
SEDIMENTARY R	ROCK SPT REFUSAL. ROCK	K TYPE INCLUDES LIMESTONE, SANDSTONE, CEMENTED	COME RECOVERY (REC.) - TOTAL LENGTH OF ALL MATERIAL RECOVERED IN BY TOTAL LENGTH OF CORE RUN AND EXPRESSED AS A PERCENTAGE. DIKE - A TABULAR BODY OF IGNEOUS ROCK THAT CUTS ACROSS THE STF						
	OCK FRESH, CRYSTALS BRIGHT, FEW JOINT	IERING S MAY SHOW SLIGHT STAINING. ROCK RINGS UNDER	ROCKS OR CUTS MASSIVE ROCK. DIP - THE ANGLE AT WHICH A STRATUM OR ANY PLANAR FEATURE IS IN						
VERY SLIGHT R		SOME JOINTS MAY SHOW THIN CLAY COATINGS IF OPEN.	HORIZONTAL. DIP DIRECTION (DIP AZIMUTH) - THE DIRECTION OR BEARING OF THE HOR						
0	F A CRYSTALLINE NATURE.	HINE BRIGHTLY. ROCK RINGS UNDER HAMMER BLOWS IF	LINE OF DIP, MEASURED CLOCKWISE FROM NORTH. FAULT - A FRACTURE OR FRACTURE ZONE ALONG WHICH THERE HAS BEEL						
(SLI.) 1	INCH. OPEN JOINTS MAY CONTAIN CLAY.	AND DISCOLORATION EXTENDS INTO ROCK UP TO IN GRANITOID ROCKS SOME OCCASIONAL FELDSPAR YSTALLINE ROCKS RING UNDER HAMMER BLOWS.	SIDES RELATIVE TO ONE ANOTHER PARALLEL TO THE FRACTURE. FISSILE - A PROPERTY OF SPLITTING ALONG CLOSELY SPACED PARALLEL						
(MOD.) GI	RANITOID ROCKS, MOST FELDSPARS ARE D	COLORATION AND WEATHERING EFFECTS. IN ULL AND DISCOLORED, SOME SHOW CLAY. ROCK HAS HOWS SIGNIFICANT LOSS OF STRENGTH AS COMPARED	FLOAT - ROCK FRAGMENTS ON SURFACE NEAR THEIR ORIGINAL POSITION PARENT MATERIAL. FLOOD PLAIN (FP) - LAND BORDERING A STREAM, BUILT OF SEDIMENTS DE						
MODERATELY AN SEVERE AN	ND DISCOLORED AND A MAJORITY SHOW K	STAINED. IN GRANITOID ROCKS, ALL FELDSPARS DULL AOLINIZATION. ROCK SHOWS SEVERE LOSS OF STRENGTH	FORMATION (FM.) - A MAPPABLE GEOLOGIC UNIT THAT CAN BE RECOGNIZED AND TRACED IN THE FIELD. JOINT - FRACTURE IN ROCK ALONG WHICH NO APPRECIABLE MOVEMENT HAS OCCURRED. LEDGE - A SHELF-LIKE RIDGE OR PROJECTION OF ROCK WHOSE THICKNESS IS SMALL COMPARED TO ITS LATERAL EXTENT. LENS - A BODY OF SOIL OR ROCK THAT THINS OUT IN ONE OR MORE DIRECTIONS. MOTTLED (MOT.) - IRREGULARLY MARKED WITH SPOTS OF DIFFERENT COLORS, MOTTLING IN SOILS						
IE	F TESTED, WOULD YIELD SPT REFUSAL	T'S PICK. ROCK GIVES "CLUNK" SOUND WHEN STRUCK.							
(SEV.) RI TI									
SEVERE BI (V SEV.) RI	UT MASS IS EFFECTIVELY REDUCED TO S EMAINING, SAPROLITE IS AN EXAMPLE OF	STAINED. ROCK FABRIC ELEMENTS ARE DISCERNIBLE OIL STATUS, WITH ONLY FRAGMENTS OF STRONG ROCK ROCK WEATHERED TO A DEGREE THAT ONLY MINOR	USUALLY INDICATES POOR AERATION AND LACK OF GOOD DRAINAGE. <u>PERCHED WATER</u> - WATER MAINTAINED ABOVE THE NORMAL GROUND WATE OF AN INTERVENING IMPERVIOUS STRATUM.	R LEVEL BY THE PRESENCE					
COMPLETE RI	OCK REDUCED TO SOIL. ROCK FABRIC NOT CATTERED CONCENTRATIONS. QUARTZ MAY	IN. <u>IF TESTED, WOULD YIELD SPT N VALUES < 100 BPF</u> DISCERNIBLE, OR DISCERNIBLE ONLY IN SMALL AND BE PRESENT AS DIKES OR STRINGERS. SAPROLITE IS	RESIDUAL (RES.)SOIL - SOIL FORMED IN PLACE BY THE WEATHERING OF ROCK. ROCK QUALITY DESIGNATION (ROD) - A MEASURE OF ROCK QUALITY DESCRIBED BY TOTAL LENGTH OF ROCK SEGMENTS EQUAL TO OR GREATER THAN 4 INCHES DIVIDED BY THE TOTAL LENGTH OF CORE						
AI	ILSO AN EXAMPLE.	ARDNESS	RUN AND EXPRESSED AS A PERCENTAGE. SAPROLITE (SAP.) - RESIDUAL SOIL THAT RETAINS THE RELIC STRUCTURE	OR FABRIC OF THE PARENT					
	ANNOT BE SCRATCHED BY KNIFE OR SHAR	P PICK. BREAKING OF HAND SPECIMENS REQUIRES S PICK.	ROCK. SILL - AN INTRUSIVE BODY OF IGNEOUS ROCK OF APPROXIMATELY UNIFO	RM THICKNESS AND					
	AN BE SCRATCHED BY KNIFE OR PICK ON O DETACH HAND SPECIMEN.	LY WITH DIFFICULTY. HARD HAMMER BLOWS REQUIRED	RELATIVELY THIN COMPARED WITH ITS LATERAL EXTENT, THAT HAS BEEN THE BEDDING OR SCHISTOSITY OF THE INTRUDED ROCKS.	N EMPLACED PARALLEL TO					
HARD E		NUGES OR GROOVES TO 0.25 INCHES DEEP CAN BE ST'S PICK. HAND SPECIMENS CAN BE DETACHED	SLICKENSIDE - POLISHED AND STRIATED SURFACE THAT RESULTS FROM OR SLIP PLANE. STANDARD PENETRATION TEST (PENETRATION RESISTANCE) (SPT) - NUMBER						
HARD C		DEEP BY FIRM PRESSURE OF KNIFE OR PICK POINT. EICES 1 INCH MAXIMUM SIZE BY HARD BLOWS OF THE	A 140 LB.HAMMER FALLING 30 INCHES REQUIRED TO PRODUCE A PENETR WITH A 2 INCH OUTSIDE DIAMETER SPLIT SPOON SAMPLER. SPT REFUSAL TO OR LESS THAN 0.1 FOOT PER 60 BLOWS.	ATION OF 1 FOOT INTO SOIL					
F		NIFE OR PICK. CAN BE EXCAVATED IN FRAGMENTS BY MODERATE BLOWS OF A PICK POINT. SMALL, THIN JRE.	STRATA CORE RECOVERY (SREC.) - TOTAL LENGTH OF STRATA MATERIAL I TOTAL LENGTH OF STRATUM AND EXPRESSED AS A PERCENTAGE. STRATA ROCK QUALITY DESIGNATION (SROD) - A MEASURE OF ROCK QUALI						
SOFT OF	R MORE IN THICKNESS CAN BE BROKEN B INGERNAIL.	WATED READILY WITH POINT OF PICK. PIECES 1 INCH Y FINGER PRESSURE. CAN BE SCRATCHED READILY BY	LENGTH OF ROCK SECMENTS WITHIN A STRATUM EQUAL TO OR GREATER THE TOTAL LENGTH OF STRATA AND EXPRESSED AS A PERCENTAGE. <u>TOPSOLL (TS.)</u> - SURFACE SOILS USUALLY CONTAINING ORGANIC MATTER.	THAN 4 INCHES DIVIDED BY					
TERM	RACTURE SPACING	BEDDING	BENCH MARK: •see note						
VERY WIDE WIDE MODERATELY	MORE THAN 10 FEET 3 TO 10 FEET 7 CLOSE 1 TO 3 FEET	VERY THICKLY BEDDED 4 FEET THICKLY BEDDED 1.5 - 4 FEET THINLY BEDDED 0.16 - 1.5 FEET	ELEVA	TION: _ FEET					
CLOSE VERY CLOSE	Ø.16 TO 1 FOOT	VERY THINLY BEDDED 0.03 - 0.16 FEET THICKLY LAMINATED 0.008 - 0.03 FEET	NOTES: elevations derived from geopak and the tin	file					
		THINLY LAMINATED < 0.008 FEET	'u3330_ls_tin.tin' dated 10/10/14						
FOR SEDIMENTA	ARY ROCKS, INDURATION IS THE HARDEN	ING OF MATERIAL BY CEMENTING, HEAT, PRESSURE, ETC.]						
FRIABLE	GENTLE BLOW B	FINGER FREES NUMEROUS GRAINS; BY HAMMER DISINTEGRATES SAMPLE.							
MODERAT	BREAKS EASILY	SEPARATED FROM SAMPLE WITH STEEL PROBE; WHEN HIT WITH HAMMER.							
INDURATE		FICULT TO SEPARATE WITH STEEL PROBE; BREAK WITH HAMMER.							
EXTREME		BLOWS REQUIRED TO BREAK SAMPLE; S ACROSS GRAINS.		DATE: 8-15-14					



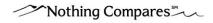
December 21, 2016

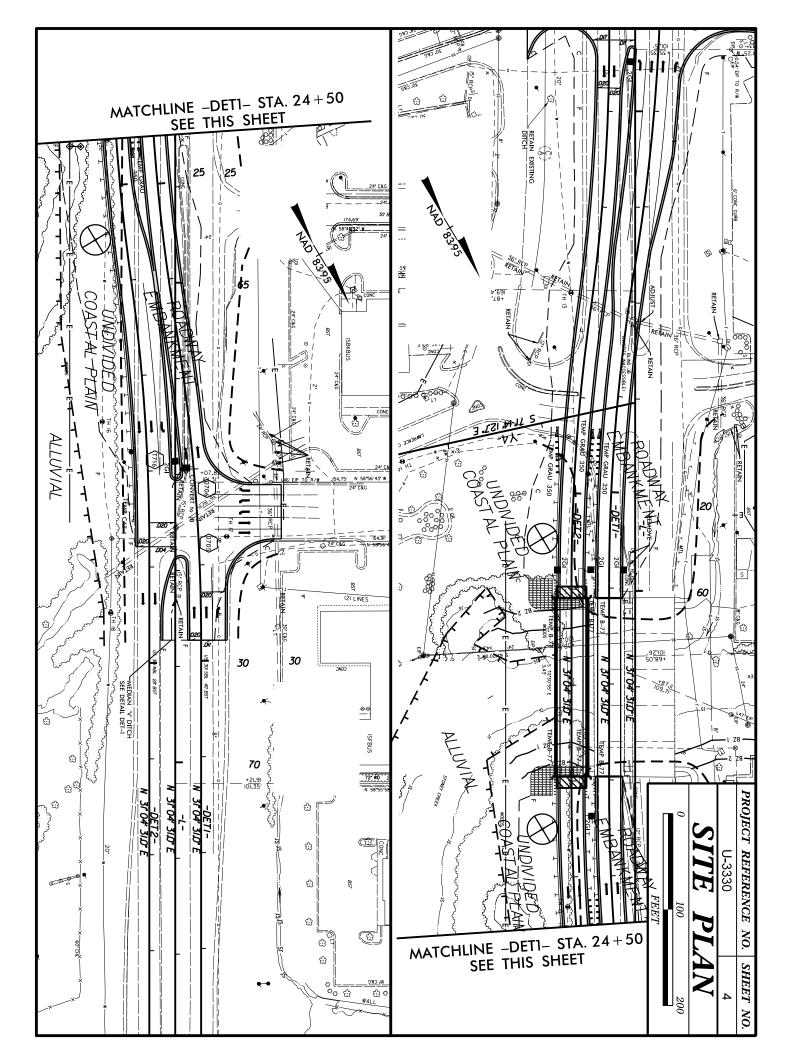
STATE PROJECT: FEDERAL PROJECT: COUNTY:	36596.1.1 (U-3330) STP-030(28) Nash
DESCRIPTION:	US 301 Bypass from NC 43-48 (Benvenue Rd.) to SR 1836 (May Dr.)
SUBJECT:	Geotechnical Report – Inventory Addendum

The Geotechnical Engineering Unit has completed a limited subsurface investigation for this project and presents the following inventory addendum. No profiles, or cross-sections will be submitted for this report.

Project Description

The project consists of the adding alignments for the third phase of the detour over Stoney Creek. Due to these revisions, the road will be widened along the eastern side of the bridge approaches. New fill sections will be added in previously unexplored areas of the project so additional borings were performed. A geotechnical investigation was conducted during November of 2016. Three hand auger borings were performed at selected locations with respect to -DET1alignment stationings. Representative soil samples were collected for visual classification in the field.





GEOTECHNICAL BORING REPORT BORE LOG

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WBS	3 6591	.1.1			т	ΊP	U-3	330			С	лллс	I YI	VAS	Н					GEOLOG	IST Oti, O. B.			
SITE	DESCR	IPTION	US 3	801 BY	P FR	ОМ	MA	/ DR	VE .	TO N	IC 43	3											GROUND	WTR (ft
BOR	ing no.	2050			s	TA	TION	20	+50				OF	FSI	ET 7	70 1	t RT			ALIGNME	NT -DET1-		0 HR.	Dry
COL	LAR ELE	EV. 90	.5 ft		Т	ΌТ	AL C)EPT	H (5.0 ft			N	DRT	HING	8	06,83	38		EASTING	2,349,031		24 HR.	FIAD
DRIL	L RIG/HAN	IMER EF	F./DATE	E N/A												DF	RILL M	ETHO	D Ha	and Auger		HAMM		I/A
DRIL	LER Pi	nter, D.	G.		s	TA	RT C	ATE	11	1/21/*	16		C	OMP	. DA			21/16			WATER DEP	1		
-				W CO		Т						FOC				_			L					
(ft)	ELEV (ft)	(ft)		0.5ft	0.5ft)	2	5		50		75		100		NO.	Имо		ELEV. (ft)	SOIL AND RO	CK DES	CRIPTION	DEPTH (1
ELEV (ft) 95 90 85		DEPTH	BLO	0.5ft	UNT				BL	ows	PER		T			s	AMP.		0	ELEV. (ft)	GROUN SOIL AND RO UNDIVIDED IN, GRAY AND I AND CL Dring Terminated DENSE C	CK DES	CRIPTION ACE L PLAIN I, SILTY SAN AND ation 84.5 ft	4. 6.
אנסטן פטאב אואפרב מאאפרב מאיין ברבי ברבי ברבי אנאואטאי בטעוואפאיפרא ואל בט ואטר ובו אוא																								

GEOTECHNICAL BORING REPORT BORE LOG

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WBS	36591	.1.1				TIP	U-33	30			COU	YTY	NA	SH					GEOLOG	IST Oti, O. B	-		
SITE	DESCR	IPTION	US 3	801 BY	P FR	RON	M MAY	DRI\	/E TO	NC	43								-			GROUND	WTR (ft)
BOR	NG NO.	2350				ST/	ATION	23+	-50				OFFS	SET	70	ft RT			ALIGNME	NT -DET1-		0 HR.	Dry
COLI	AR ELI	EV. 87	'.3 ft			го	TAL D	EPTH	i 6.0	ft			NOR	THING	G	807,09	98		EASTING	2,349,188		24 HR.	FIAD
DRILL	RIG/HAN	IMER EF	F./DATE	E N/A												RILL M	ETHO) Ha	nd Auger		HAMM	ER TYPE N/	A
DRIL	LER P	nter, D	. G.		5	ST/	ART D	ATE	11/2 ⁻	1/16			сом	P. DA	TE	11/2	21/16		SURFACE	E WATER DEF	PTH N/	A	
LEV	DRIVE ELEV	DEPTH	BLO	W CO	JNT				BLOW	'S PE	ER FC	от				SAMP.	▼∕	L		SOIL AND RC			
(ft)	(ft)	(ft)	0.5ft	0.5ft	0.5f	t	0	25		50)	7	5	100		NO.	моі		ELEV. (ft)				DEPTH (ft)
0		L																	_				
	-	Ļ																	87.3	GROUN	ID SURF	ACE	0.0
	-								: : :						Ħ				07.5	UNDIVIDED	COASTA	L PLAIN	0.0
	-	Ł													-				_	TAN AND BRO	JWN, SIL	IY SAND	
	-	F								-	•••	•••											
	-	F				\vdash				-					Ч				<u>81.3</u> Bo	oring Terminate	d at Eleva	ation 81.3 ft I	6.0 N
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GEOTECHNICAL BORING REPORT BORE LOG

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WBS	3659 ⁻	1.1.1			TI	P U-3	3330			COUN	ITY	NAS	SH					GEOLOG	IST Oti, O. B			
SITE	DESCF	RIPTION	US 3	01 BY	P FRC	om Ma	Y DRI	VE TO	NC	43								_			GROUND	WTR (ft)
BOR	ing no.	2550			S	ΤΑΤΙΟ	N 25	+50			C	OFFS	ET	70	ft RT			ALIGNME	NT -DET1-		0 HR.	Dry
COL	LAR EL	EV. 87	.3 ft		т	OTAL	DEPT	H 6.0	ft		N	ORT	HING	;	807,28	32		EASTING	2,349,282		24 HR.	FIAD
DRILI	. RIG/HAI	MMER EF	F./DATE	E N/A										D	RILL M	ETHO) Ha	nd Auger		HAMM	ER TYPE N	/A
DRIL	LER P	inter, D	G.		S	TART	DATE	11/2	1/16		C	COMF	P. DA	TE	11/2	21/16		SURFACE	E WATER DEI	PTH N/	A	
ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLO 0.5ft	W COU 0.5ft		0	2	BLOV 5	/S PE 50		OT 7נ	5	100	5	Samp. No.	MOI	L O G	ELEV. (ft)	SOIL AND RC	OCK DES	CRIPTION	DEPTH (ft)
90																		-				
		‡					1		- 1		1							87.3	GROUN UNDIVIDED			0.0
85	-	+				 		· · · ·	- - -	· · · ·		•••						- -	TAN AND BR	OWN, SA	NDY SILT	
		ŧ				<u> </u>			-			• •						81.3	oring Terminate			6.0
		***************************************																	STIFF	SANDY S	SILT	