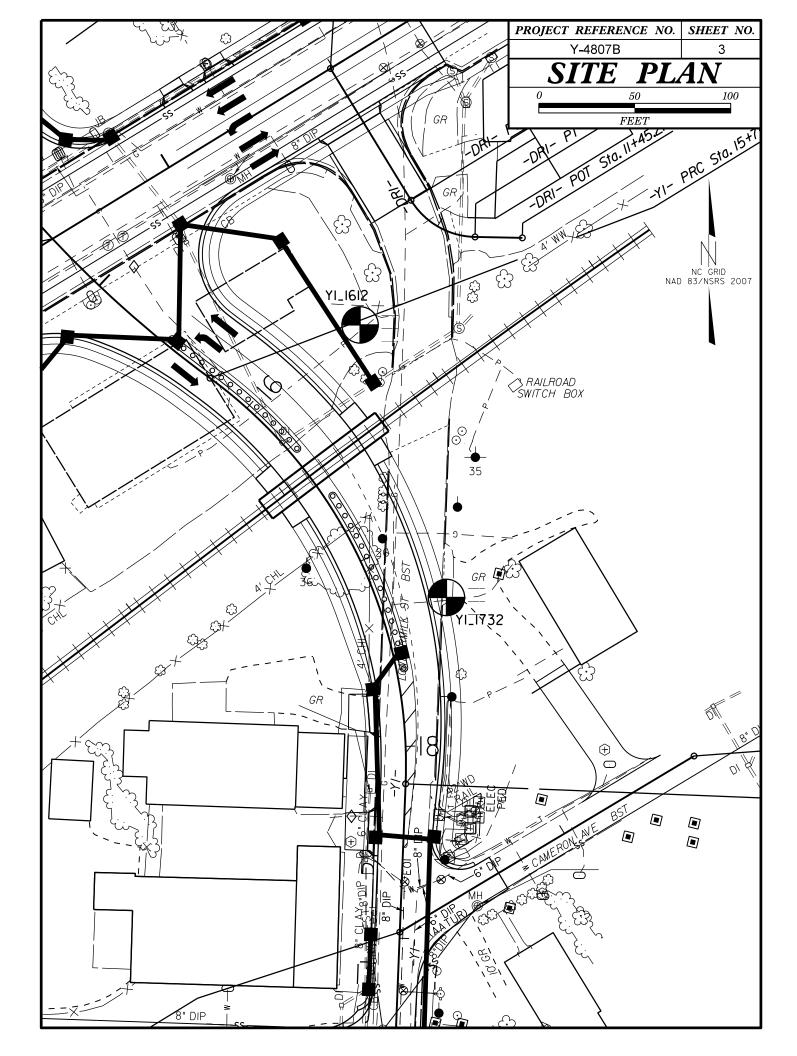
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			STATE	STATE PROJECT REFERENCE NO.	SHEET TOTAL NO. SHEETS
			N.C.	Y-4807B	1 6
E: Y-4807B	SU	STATE OF NO DEPARTMENT OF DIVISION OF GEOTECHNICAL D STRU BSURFACE COUNTY <u>GUILFORD</u> PROJECT DESCRIPTION <u>MAI</u>	TRANSPO OF HIGHW ENGINEERI CTUF INVE	DRTATION AYS ING UNIT E RE STIGATIC EET FROM PINE	DN
REFERENCE:		STREET TO LOWDERMI			
REFE	CONTENTS <u>SHEET NO.</u> 1 2, 2A 3 4-5	DESCRIPTION TITLE SHEET LEGEND (SOIL & ROCK) SITE PLAN BORE LOGS			PERSONNEL ON EXPLORATION
	THE SUBSURFACE INFORMATION	AUTION NOTICE AND THE SUBSURFACE INVESTIGATION ON WHICH IT IS BASED WER	Ε	INVESTIGATED BY <u>X</u> . DRAWN BY <u>T. WELL</u> CHECKED BY <u>T. WELL</u> SUBMITTED BY <u>KLE</u> . DATE <u>JANUARY</u> 2 Prepared in the Bright People. Righ CZ CALLAGE DAR CZ CALLAGE DAR C	LLS INFELDER, INC. 2022 Office of: DER t Solutions.
PROJECT: 40325	MADE FOR THE PURPOSE OF S PURPOSES. THE VARIOUS FIELD BE REVIEWED OR INSPECTED IN GEOTECHNICAL EVGINEERING UN BORING LOGS, ROCK CORES ANI GENERAL SOLL AND ROCK STR/ GEOTECHNICAL INTERPRETATION REFLECT THE ACTUAL SUBSUR WITHIN THE BOREHOLE. THE LA CAN BE RELIED ON ONLY TO THE OBSERVED WATER LEVELS INVESTIGATIONS ARE AS RECO' SOLL MOISTURE CONDITIONS MA INCLUDING TEMPERATURES, PRE- THE BIDDER OR CONTRACTOR I PRELIMINARY ONLY AND IN MAI AND CONSTRUCTION PURPOSES DESIGN INFORMATION ON THIS SUFFICIENCY OR ACCURACY OF OPINION OF THE DEPARTMENT THE BIDDER OR CONTRACTOR I AS HE DEEMS NECESSARY TO PROJECT. THE CONTRACTOR S EXTENSION OF TIME FOR ANY THE SITE DIFFERING FROM THE NOTES: I. THE INFORMATION CONTAIL OF TRANSPORTATION AS OR CONTRACT FOR THE 2. BY HAVING REQUESTED T FOR INCREASED COMPENS	TUDY, PLANNING AND DESIGN, AND NOT FOR CONSTRUCTION OR PAY IBORING LODS, ROCK CORES AND SOL TEST DATA AVAILABLE MAY RALEIGH BY CONTACTING THE N. C. DEPARTMENT OF TRANSPORTA IT AT (19)9 TO7-6850. THE SUBSURFACE PLANS AND REPORTS, FIEL) SOLL TEST DATA ARE NOT PART OF THE CONTRACT. 	TION, D A A A ONS ONS HE ERED. TIONS A T MONS MS	DocuSigned by: Jhomas R. Wells DocuMent NOT CONS UNLESS ALL SIGNATUR	DATE

	PROJECT REFERENCE NO.	SHEET NO.				
	Y-4807B	2				
DIVISION OF H	HIGHWAYS					
SUBSURFACE IN	VESTIGATION					
		8				
SOIL DESCRIPTION	GRADATION					
BE PENETRATED WITH A CONTINUOUS FLIGHT POWER AUGER AND YIELD LESS THAN 100 BLOWS PER FOOT ACCORDING TO THE STANDARD PENETRATION TEST (AASHTO T 206, ASTM D1586). SOIL CLASSIFICATION IS BASED ON THE AASHTO SYSTEM, BASIC DESCRIPTIONS GENERALLY INCLUDE THE FOLLOWING: CONSISTENCY, COLOR, TEXTURE, MOISTURE, AASHTO LLASSIFICATION, AND OTHER PERTINENT FACTORS SUCH	NIFORMLY GRADED - INDICATES THAT SOIL PARTICLES ARE ALL APPROXIM <u>AP-GRADED</u> - INDICATES A MIXTURE OF UNIFORM PARTICLE SIZES OF TWO ANGULARITY OF GRAINS	ATELY THE SAME SIZE. OR MORE SIZES.				
VERY STIFF, GRAY, SILTY CLAY, MOIST WITH INTERBEDDED FINE SAND LAYERS, HIGHLY PLASTIC, A-7-6	THE ANGULARITY OR ROUNDNESS OF SOIL GRAINS IS DESIGNATED E ANGULAR, SUBANGULAR, SUBROUNDED, OR ROUNDED.	BY THE TERMS:				
GENERAL GRANULAR MATERIALS SILT-CLAY MATERIALS OPECANIC MATERIALS	MINERALOGICAL COMPOSITION					
CLASS. (≤ 35% PASSING *200) (> 35% PASSING *200) URGANIC MATERIALS						
CLASS. A-1-a A-1-b A-2-4 A-2-5 A-2-6 A-2-7 A-75 A-3 A-6, A-7	COMPRESSIBILITY					
SYMBOL 000000000000000000000000000000000000		- 50				
2. PASSING "10 50 MX GRANULAR SILT- MUCK,						
*40 30 MX 50 MX 51 MN SOILS CLAY PEAT						
MATERIAL	TRACE OF ORGANIC MATTER 2 - 3% 3 - 5% TRACE	1 - 10%				
HISTING TO 40 MX 41 MN 40 MX 41 MN 40 MX 41 MN 40 MX 41 MN SOILS WITH	MODERATELY ORGANIC 5 - 10% 12 - 20% SOME	20 - 35%				
PI 6 MX NP 10 MX 10 MX 11 MN 11 MN 10 MX 10 MX 11 MN 11 MN MODERATE OPCAUL		35% AND ABOVE				
URUN TYPES STONE EPACE						
OF MAJOR GRAVEL, AND CRANE SILIT UK LLAYEY SILIT ULAYEY MAILER		BRILLING				
		RING STRATA				
AS SUBGRADE YUUK	O-M- Spring or SEEP					
	MISCELLANEOUS SYMBOLS					
PRIMARY SOIL TYPE COMPACTNESS OR PANGE OF STANDARD RANGE OF UNCONFINED						
(N-VALUE) (TONS/FT ²)	WITH SOIL DESCRIPTION OF ROCK STRUCTURES					
GENERALLY LOOSE 4 TO 10	SOIL SYMBOL	SLOPE INDICATOR INSTALLATION				
MATERIAL MEDIUM DENSE 10 10 30 N/A		CONE PENETROMETER				
GENERALLY SOFT 2 TO 4 0.25 TO 0.5						
MATERIAL STIFF 8 TO 15 1 TO 2		WITH CORE				
(COHESIVE) VERY STIFF 15 TO 30 2 TO 4	ALLUVIAL SOIL BOUNDARY A PIEZOMETER	- 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	UNDERCUT 🛛 🖾 UNSUITABLE WASTE 🛛 🛣 ACCEPT	ABLE, BUT NOT TO BE				
ROW DER COBBLE CRAVEL COARSE FINE STUT CLAY						
(BLDR.) (COB.) (GR.) (SL.) (CSE. SD.) (F SD.) (SL.) (CL.)	ABBREVIATIONS					
	CLAY MOD MODERATELY γ -	UNIT WEIGHT				
SOIL MOISTURE SCALE FIELD MOISTURE CUIDE FOR FIELD MOISTURE DESCRIPTION CSE	E COARSE ORG ORGANIC					
(ATTERBERG LIMITS) DESCRIPTION DMI	T - DYNAMIC PENETRATION TEST SAP SAPROLITIC S - E	BULK				
(SAT.) FROM BELOW THE GROUND WATER TABLE F -						
PLASTIC	SS FOSSILIFEROUS SLI SLIGHTLY RS -	ROCK				
RANGE C - WET - (W) ATTAIN OPTIMUM MOISTURE FRA	AGS FRAGMENTS W - MOISTURE CONTENT CBR	- CALIFORNIA BEARING				
		YB 2 YB 2 TION NIT CION NIT CION NIT CION NIT CION NIT CION State OP PARTICLE SIZES FROM FINE TO COARSE. ES are all approximately the same size. FICE Same size. FICE GRAINS AINS 15 DESIGNATED BY THE TERMS. DOM MATERIAL CLL > 50 MATERIAL CLAY OTHER MATERIAL St. TRACE 122 LITTY LL > 31 - 50 MATERIAL CLAY CLAY OTHER MATERIAL CLAY OTHER MATERIAL St. COME ISTALLATION St. ADD DIRECTION St. RC 4 HORS D 20NE, OR WATER BEARING STRATA S SUMPOLS Ito STRUCTURES TEST BORING SLOPE INDICATOR Intropic Structures TEST BORING Ito STRUCTURES Ito SYMBOLS N - SUMCLASSIFIED EXCAVATION - OCCE STALE, BUT NOT TO BE N - SUBANC ASTRUCTURES Ito				
	ILL UNITS: ADVANCING TOOLS: HAMMER	TYPE:				
		_				
		LJ'''				
NON PLASTIC Ø-5 VERY LOW						
MODERATELY PLASTIC 16-25 MEDIUM						
	PORTABLE HOIST					
DESCRIPTIONS MAY INCLUDE COLOR OR COLOR COMBINATIONS (TAN, RED, YELLOW-BROWN, BLUE-GRAY), MODIFIERS SUCH AS LIGHT, DARK, STREAKED, ETC. ARE USED TO DESCRIBE APPEARANCE.		NE SHEAR TEST				
	┘────│└┘────│└┘─					

			PROJECT REFERENCE NO.	SHEET NO.					
			Y-4807B	2 ^					
			I=4007B						
		DIVISION OF A	ent of transportation highways GINEERING UNIT						
	SUBS	URFACE IN	<i>VESTIGATION</i>	ŗ					
	SOIL AND F	ROCK LEGEND, TERMS, S (PAGE 2)	SYMBOLS, AND ABBREVIATION	IS					
		(FAGE 2	OF 2)						
HARD ROCK	IS NON-COASTAL PLAIN MATERIAL THAT	SCRIPTION WOULD YIELD SPT REFUSAL IF TESTED. AN INFERRED	TERMS AND DEFINITIONS						
SPT REFUSA BLOWS IN N	NL IS PENETRATION BY A SPLIT SPOON S NON-COASTAL PLAIN MATERIAL, THE TR	ASTAL PLAIN MATERIAL WOULD YIELD SPT REFUSAL. AMPLER EQUAL TO OR LESS THAN 0.1 FOOT PER 60 ANSITION BETWEEN SOIL AND ROCK IS OFTEN	ADULTER - A WATER BEARING FORMATION OR STRATA. ARENACEOUS - APPLIED TO ROCKS THAT HAVE BEEN DERIVED FROM SAND	OR THAT CONTAIN CAND					
ROCK MATER	D BY A ZONE OF WEATHERED ROCK. RIALS ARE TYPICALLY DIVIDED AS FOLLO		ARGILLACEOUS - APPLIED TO AUCAS THAT HAVE BEEN DERIVED FROM SHIND ARGILLACEOUS - APPLIED TO ALL ROCKS OR SUBSTANCES COMPOSED OF C A NOTABLE PROPORTION OF CLAY IN THEIR COMPOSITION, SUCH AS SHALE,	CLAY MINERALS, OR HAVING					
WEATHERED ROCK (WR)	100 BLOWS PER F		ARTESIAN - GROUND WATER THAT IS UNDER SUFFICIENT PRESSURE TO RIS	SE ABOVE THE LEVEL AT					
CRYSTALLINE ROCK (CR)	WOULD YIELD SPT		SURFACE. <u>CALCAREOUS (CALC.)</u> - SOILS THAT CONTAIN APPRECIABLE AMOUNTS OF CA						
NON-CRYSTAL ROCK (NCR)	SEDIMENTARY ROC	GRAIN METAMORPHIC AND NON-COASTAL PLAIN K THAT WOULD YEILD SPT REFUSAL IF TESTED. DES PHYLLITE, SLATE, SANDSTONE, ETC.	COLLUVIUM - ROCK FRAGMENTS MIXED WITH SOIL DEPOSITED BY GRAVITY OF SLOPE.						
COASTAL PL SEDIMENTAR	AIN COASTAL PLAIN S	EDIMENTS CEMENTED INTO ROCK, BUT MAY NOT YIELD CK TYPE INCLUDES LIMESTONE, SANDSTONE, CEMENTED	CORE RECOVERY (REC.) - TOTAL LENGTH OF ALL MATERIAL RECOVERED IN BY TOTAL LENGTH OF CORE RUN AND EXPRESSED AS A PERCENTAGE.	THE CORE BARREL DIVIDED					
FRESH	WEAT	HERING ITS MAY SHOW SLIGHT STAINING. ROCK RINGS UNDER	DIKE - A TABULAR BODY OF IGNEOUS ROCK THAT CUTS ACROSS THE STRU ROCKS OR CUTS MASSIVE ROCK.	JCTURE OF ADJACENT					
	HAMMER IF CRYSTALLINE.	SOME JOINTS MAY SHOW THIN CLAY COATINGS IF OPEN.	$\underline{\text{DIP}}$ - THE ANGLE AT WHICH A STRATUM OR ANY PLANAR FEATURE IS INCLINED FROM THE HORIZONTAL.						
(V SLI.)		SHINE BRIGHTLY, ROCK RINGS UNDER HAMMER BLOWS IF	DIP DIRECTION (DIP AZIMUTH) - THE DIRECTION OR BEARING OF THE HORIZONTAL TRACE OF THE LINE OF DIP, MEASURED CLOCKWISE FROM NORTH.						
SLIGHT (SLI.)	1 INCH. OPEN JOINTS MAY CONTAIN CLAY.	AND DISCOLORATION EXTENDS INTO ROCK UP TO IN GRANITOID ROCKS SOME OCCASIONAL FELDSPAR	FAULT - A FRACTURE OR FRACTURE ZONE ALONG WHICH THERE HAS BEEN SIDES RELATIVE TO ONE ANOTHER PARALLEL TO THE FRACTURE.						
MODERATE (MOD.)	SIGNIFICANT PORTIONS OF ROCK SHOW D	RYSTALLINE ROCKS RING UNDER HAMMER BLOWS. SCOLORATION AND WEATHERING EFFECTS. IN DULL AND DISCOLORED, SOME SHOW CLAY. ROCK HAS	FISSILE - A PROPERTY OF SPLITTING ALONG CLOSELY SPACED PARALLEL FLOAT - ROCK FRAGMENTS ON SURFACE NEAR THEIR ORIGINAL POSITION A PARENT MATERIAL.						
(100.)		SHOWS SIGNIFICANT LOSS OF STRENGTH AS COMPARED	FLOOD PLAIN (FP) - LAND BORDERING A STREAM, BUILT OF SEDIMENTS DEF						
MODERATELY SEVERE	AND DISCOLORED AND A MAJORITY SHOW	R STAINED. IN GRANITOID ROCKS, ALL FELDSPARS DULL KAOLINIZATION. ROCK SHOWS SEVERE LOSS OF STRENGTH	FORMATION (FM.) - A MAPPABLE GEOLOGIC UNIT THAT CAN BE RECOGNIZED FIELD.						
(MOD. SEV.) SEVERE	IF TESTED, WOULD YIELD SPT REFUSAL	ST'S PICK. ROCK GIVES "CLUNK" SOUND WHEN STRUCK.	<u>JOINT</u> - FRACTURE IN ROCK ALONG WHICH NO APPRECIABLE MOVEMENT HA <u>LEDGE</u> - A SHELF-LIKE RIDGE OR PROJECTION OF ROCK WHOSE THICKNESS ITS LATERAL EXTENT.						
(SEV.)	REDUCED IN STRENGTH TO STRONG SOIL. TO SOME EXTENT. SOME FRAGMENTS OF	IN GRANITOID ROCKS ALL FELDSPARS ARE KAOLINIZED STRONG ROCK USUALLY REMAIN.	LENS - A BODY OF SOIL OR ROCK THAT THINS OUT IN ONE OR MORE DIR						
VERY		R STAINED. ROCK FABRIC ELEMENTS ARE DISCERNIBLE	MOTILED (MOT) - IRREGULARLY MARKED WITH SPOTS OF DIFFERENT COLOF USUALLY INDICATES POOR AERATION AND LACK OF GOOD DRAINAGE. PERCHED WATER - WATER MAINTAINED ABOVE THE NORMAL GROUND WATER						
SEVERE (V SEV.)	REMAINING. SAPROLITE IS AN EXAMPLE O	SOIL STATUS, WITH ONLY FRAGMENTS OF STRONG ROCK F ROCK WEATHERED TO A DEGREE THAT ONLY MINOR MAIN. <u>IF TESTED, WOULD YIELD SPT N VALUES < 100 BPF</u>	PERCEPTION AND A STATEMENT AND						
COMPLETE	SCATTERED CONCENTRATIONS. QUARTZ MA	DT DISCERNIBLE, OR DISCERNIBLE ONLY IN SMALL AND Y BE PRESENT AS DIKES OR STRINGERS. SAPROLITE IS	ROCK QUALITY DESIGNATION (ROD) - A MEASURE OF ROCK QUALITY DESCRI ROCK SEGMENTS EQUAL TO OR OREATER THAN 4 INCHES DIVIDED BY THE	BED BY TOTAL LENGTH OF					
	ALSO AN EXAMPLE.	ARDNESS	RUN AND EXPRESSED AS A PERCENTAGE. SAPROLITE (SAP.) - RESIDUAL SOIL THAT RETAINS THE RELIC STRUCTURE						
VERY HARD	CANNOT BE SCRATCHED BY KNIFE OR SHA SEVERAL HARD BLOWS OF THE GEOLOGIS	RP PICK. BREAKING OF HAND SPECIMENS REQUIRES	ROCK. <u>SILL</u> - AN INTRUSIVE BODY OF IGNEOUS ROCK OF APPROXIMATELY UNIFOR						
HARD	TO DETACH HAND SPECIMEN.	NLY WITH DIFFICULTY. HARD HAMMER BLOWS REQUIRED	RELATIVELY THIN COMPARED WITH ITS LATERAL EXTENT, THAT HAS BEEN THE BEDDING OR SCHISTOSITY OF THE INTRUDED ROCKS.						
MODERATELY HARD		OUGES OR GROOVES TO 0.25 INCHES DEEP CAN BE IST'S PICK. HAND SPECIMENS CAN BE DETACHED	SLICKENSIDE - POLISHED AND STRIATED SURFACE THAT RESULTS FROM FI OR SLIP PLANE. STANDARD PENETRATION TEST (PENETRATION RESISTANCE) (SPT) - NUMBER						
MEDIUM HARD	CAN BE GROOVED OR GOUGED 0.05 INCHE	S DEEP BY FIRM PRESSURE OF KNIFE OR PICK POINT. PEICES I INCH MAXIMUM SIZE BY HARD BLOWS OF THE	A 140 LB. HAMMER FALLING 30 INCHES REQUIRED TO PRODUCE A PENETRA WITH A 2 INCH OUTSIDE DIAMETER SPLIT SPOON SAMPLER. SPT REFUSAL	TION OF 1 FOOT INTO SOIL					
SOFT		KNIFE OR PICK. CAN BE EXCAVATED IN FRAGMENTS	TO OR LESS THAN 0.1 FOOT PER 60 BLOWS. STRATA CORE RECOVERY (SREC.) - TOTAL LENGTH OF STRATA MATERIAL RI TOTAL LENGTH OF CORVENY OF CONTRACT OF CONTRACT, OF CO	ECOVERED DIVIDED BY					
VEDY	PIECES CAN BE BROKEN BY FINGER PRES		TOTAL LENGTH OF STRATUM AND EXPRESSED AS A PERCENTAGE. <u>STRATA ROCK OUALITY DESIGNATION (SROD)</u> - A MEASURE OF ROCK OUALIT LENGTH OF ROCK SEGMENTS WITHIN A STRATUM EQUAL TO OR GREATER T	(Y DESCRIBED BY TOTAL THAN 4 INCHES DIVIDED BY					
VERY SOFT		CAVATED READILY WITH POINT OF PICK. PIECES 1 INCH BY FINGER PRESSURE. CAN BE SCRATCHED READILY BY	THE TOTAL LENGTH OF STRATA AND EXPRESSED AS A PERCENTAGE. <u>TOPSOIL (TS.)</u> - SURFACE SOILS USUALLY CONTAINING ORGANIC MATTER.						
TERM	FRACTURE SPACING SPACING	BEDDING	BENCH MARK: N/A						
VERY WID WIDE		VERY THICKLY BEDDED 4 FEET THICKLY BEDDED 1.5 - 4 FEET THINLY BEDDED 0.16 - 1.5 FEET	ELEVAT	ION: N/A FEET					
CLOSE VERY CLO	Ø.16 TO 1 FOOT	VERY THINLY BEDDED 0.03 - 0.16 FEET THICKLY LAMINATED 0.008 - 0.03 FEET	NOTES: BORING ELEVATIONS OBTAINED FROM PROJECT TIN FIL	LE					
	INDU	THINLY LAMINATED < 0.008 FEET	Y4807B_IS_TIN.TIN RECEIVED ON SEPTEMBER 10, 2021. FIAD - FILLED IMMEDIATELY AFTER DRILLING						
FOR SEDIME	RUBBING WITH	NING OF MATERIAL BY CEMENTING, HEAT, PRESSURE, ETC. FINGER FREES NUMEROUS GRAINS;							
	GENILE BLUW	BY HAMMER DISINTEGRATES SAMPLE. E SEPARATED FROM SAMPLE WITH STEEL PROBE:							
	BREAKS EASIL	Y WHEN HIT WITH HAMMER. IFFICULT TO SEPARATE WITH STEEL PROBE:							
INDUR	CATED DIFFICULT TO	BREAK WITH HAMMER.							
EXTRE		S ACROSS GRAINS.		DATE: 8-15-14					



GEOTECHNICAL BORING REPORT BORE LOG

									1									
NBS	40325	.1.59			٦	T IP Y-4	807B	8	COUNT	Y GL	JILFOR	D			GEOLO	GIST X. Barrett		
SITE C	DESCRI	PTION	Utility	y NCR	R RC	W Pipeli	ine C	rossing (N	/larket St	from F	Pine St.	to Lowo	lermilk	St.)			GROU	ND WTR (ft)
30RIN	IG NO.	Y1_1	612		5	STATION	1 16	6+12		OFF	SET 7	2 ft LT			ALIGN	MENT -Y1-	0 HR.	Dry
	AR ELE				-			H 12.0 f	t			849,4 ⁻	10			G 1,779,611	24 HR.	
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								4/23/2021						л н.S	1	I	AMMER TYPE	Automatic
	ER R.		i				DATE	12/20/2			IP. DA	E 12/2	-		SURFA	CE WATER DEPTH	N/A	
(ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLO 0.5ft	0.5ft		0	2		PER FOC	T 75	100	SAMP. NO.	моі	C L O G	ELEV. (ft)	SOIL AND ROCK	DESCRIPTIO	N DEPTH (1
810		-													- 807-9	GROUND S	URFACE	8
	806.6	1.0	9	9	7	- ::	••							X	806.7	ARTIFICI		- Ö
805	804.1	3.5					0 16		+	<u> </u>			D	ØF	- F	Asph ABC S	tone	—
]	-	16	18	9	11:	· · · · · · · · · · · · · · · · · · ·	•27 · · ·					D		<u>803.6</u>	Tan, Brown, and Wh Fine SAN	ite, Silty Coars	e to f = -4
	801.6	6.0	2	1	2		<u> </u>		: : :	-	: : :		м	X	<u>801.1</u>	Gray, Silty Coarse to	Fine SAND (A	<u>-2-4)</u>
800	799.1	8.5							+							with Trace	Gravel	i
Γ	-		4	6	4		· · 10 ·			-			м		- <u>(ao'o</u> –	ALLUN Olive Gray Clay	ey SILT (A-5)	<u>9</u> .
	795.6	- 12.0					•••	<u> </u>		<u> </u>					<u></u> 795.6	RESID		${12}$
	-	-	60/0.0								60/0.0			E		Light Gray-White Si SAND (/	A-2-4)	
	-	-														Boring Terminate enetration Test Refus	d with Standar	d 795.6
	1	-												F	P	ft on Crystalline Rock	c: Metamorpho	sed
	4	-													-	Granitic	Rock	
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GEOTECHNICAL BORING REPORT BORE LOG

NBS	40325	.1.59			ТІ	P Y-480	7B	COUNT	Y GL	JILFOR	RD			GEOLOGIST X. Barrett		
SITE	DESCR	IPTION	Utility	y NCR	R ROV	V Pipeline	Crossing (Market St.	from F	Pine St.	to Lowd	lermilk	(St.)		GROUND WT	R (fl
BORI	NG NO.	Y1 1	732		S	TATION	17+32		OFF	SET 3	35 ft LT			ALIGNMENT -Y1-	0 HR.	Dr
	AR ELE						PTH 13.7	ft			849,20	68		EASTING 1,779,656		FIAI
													N 110	<u> </u>		
				EIRI			04/23/2021				DRILL M		и н.э	1	MMER TYPE Automa	auc
DRILL	ER R.		1				TE 12/20/			IP. DA	TE 12/2	20/21		SURFACE WATER DEPTH	N/A	
LEV	DRIVE ELEV	DEPTH	·					PER FOOT			SAMP.	▼∕	0	SOIL AND ROCK [DESCRIPTION	
(ft)	(ft)	(ft)	0.5ft	0.5ft	0.5ft	0	25	50	75	100	NO.	/мо	I G	ELEV. (ft)	DEF	PTH
810														.809.7 GROUND SU	JRFACE	
-	808.7 -	- 1.0	4	5	5									809.5 ROADWAY EME		
	806.2	3.5		ľ								D		806.7 Gray, Silty Coarse to		
305		-	3	5	6	- + + + + + + + + + + + + + + + + + +						D		RESIDU Orange and Tan, Cl	AL	
ŀ	803.7 -	- 6.0	4	6	7		 					D	N V	Orange and Tan, Or	ayey SILT (A-5)	
	801.2	8.5					<u></u>		.	••••				801.7 Tan Brown, Silty Coar	se to Fine SAND	
300	-	F	8	18	60			+	• 78			D	F	799.2 (A-2-4	.)	_ 1
	-	Ē.					· · · · · ·		.					WEATHERE Tan Brown Metamorp		
	796.7 -	- 13.0	50	50/0.2					· · ·				973	796.0		1
	_	L			1					100/0.7			ΙĿ	Boring Terminated at E Weathered Rock: Metar	levation 796.0 ft in norphosed Granitic	
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