NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

BORDET NO 8.1839501 10 R-2290C				-							DRING				
BORING NO B1-A NBL							R-2206C COUNTY LINCOLN					GEOLOGIST J.K. STICKNEY			
ALIGNMENT L BORING LOCATION 199+33.000 OFFSET 9.00m RT 24 HR 1.70m				DGE (EEK						
COLLAR ELEV 234.01m	BORING NO B1-A NBL											0.00			0 HR N/A
DRILL MACHINE CME-550															24 HR 1.70m
SURFACE WATER DEPTH						TOTAL	DEPTH	10.64m START DAT							
ELEV DEPTH 15cm 15cm 15cm (m) 0 25 50 75 100 NO DESCRIPTION 234.01	DRILL MACHINE CME-550							DRILL METHOD SPT COR			RE BORING			HAMMER TYPE AUTOMATIC	
234.01 234.01 231.00 3.17 11 25 63 0.30 388 SS-4 WET ALLUVIUM-LOOSE BROWN-GRAY SAND ALLUVIUM-LOOSE BROWN-GRAY SAND					,										
234.01 233.00 1.65 0 1 4 0.30 5 SS-3 M/W 231.00 3.17 11 25 63 0.30 388 SS-4 WET RESIDUAL - HARD TAN-BLACK-WHITE MICACEOUS SANDY SILT WEATHERED ROCK HARD ROCK - GRAY-BROWN MOD. HARD TO HARD, MOD. WEATHERED TO SIGHTLY WEATHERED TO SIGHTLY WEATHERED FOLIATED GRANITE, REC-910% AS ABOVE TO 6.45 THEN GRAY VERY HARD, FRESH, FOLIATED GRAY V	FIFV	DEPTH				1 1					_1	$ \Psi/$	님		
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225.00														VERT HARD, FR GRANITE, REC:	=95% RQD=50% /
223.37	=	_									RS-5				
223.37 RUN #4 GRAY VERY HARD, FRESH, FOLIATED GRANITE, REC=100% RQD=97% CORNG TERMINATED AT	225.00														
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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION **DIVISION OF HIGHWAYS** GEOTECHNICAL UNIT CORE BORING REPORT

PROJECT NO: 8.1830501

PROJECT ID: R-2206C

COUNTY: LINCOLN

SITE DESCRPTION: BRIDGE ON NC 16 OVER KILLIAN CREEK

DRILLER: C.L. SMITH

GEOLOGIST: J.K. STICKNEY

OFFSET: 9 RT

CORE SIZE: NXWL

DATE STARTED: 6-26-03

DATE COMPLETED: 6-26-03

BORING LOCATION (STA): 199+33 **BORING NO: B1-A NBL** COLLAR ELEV: 234.00 PERSONNEL: CEB, AJT TOTAL DEPTH: 10.64 **DRILL MACHINE:** CME-550 **TOTAL RUN: 5.66** DRILL EQUIP: NW CASING / NXWL

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/.3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
229.02	4.98		1.	71	20		GRAY-BROWN MODERATELY HARD TO HARD, MODERATELY WEATHERED TO SLIGHTLY WEATHERED, FOLIATED GRANITE, WITH VERY CLOSE TO CLOSE FRACTURE SPACING
227.85	6.15		2	95	50		FIRST 0.30 AS ABOVE, THEN GRAY VERY HARD, FRESH, FOLIATED GRAINTE WITH CLOSE TO MODERATELY CLOSE FRACTURE SPACING
226.33	7.67		3	95	51	RS-5	GRAY VERY HARD, FRESH, FOLIATED GRANITE WITH VERY CLOSE TO MODERATELY CLOSE FRACTURES
224.81	9.19 10.64		4	100	97		GRAY VERY HARD, FRESH, FOLIATED GRANITE WITH CLOSE TO MODERATELY CLOSE FRACTURE SPACING
NOTES							