NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1830501	ID R-2206C	COUNTY LINCOLN	GEOLOGIST J.K. STICKNEY
SITE DESCRIPTION BRIDGE ON NC 16 OVER KILLIAN CREEK			GND WATER
BORING NO B1-B NBL	NORTHING 0.00	EASTING 0.00	0 HR 0.00m
ALIGNMENT L	BORING LOCATION 199+33.000	OFFSET 20.00m RT	24 HR 1.53m
COLLAR ELEV 233.99m	TOTAL DEPTH 9.26m	START DATE 6/26/03	COMPLETION DATE 06/26/03
DRILL MACHINE CME-550	DRILL METHOD SPT CORE BORING		HAMMER TYPE AUTOMATIC
SURFACE WATER DEPTH	DEPTH TO ROCK 4.61m		Log B1-B NBL, Page 1 of 1

ELEV	DEPTH	BLOW CT 15cm	BLOW CT 15cm	BLOW CT 15cm	PEN (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
233.99						Ground Surface				
233.00										ALLUVIUM - LOOSE BROWN GRAY SILTY SAND
	1.74	0	1	12	0.30	13	SS-1	M/W		
231.00										RESIDUAL VERY STIFF TO MEDIUM STIFF GRAY-WHITE-PINK SANDY SILT (SOFTER 3.4 - 3.8)
	3.26	19	3	4	0.30	7	SS-2	M/W		
										WEATHERED ROCK
229.00							RUN #1			HARD ROCK - GRAY VERY HARD, FRESH, FOLIATED GRANITE, REC=95% RQD=80%
227.00							RUN #2			AS ABOVE, REC=99% RQD=85%
225.00							RUN #3			AS ABOVE, REC=93% RQD=90%
224.73						CORING TERMINATED AT ELEVATION 224.731 METERS IN HARD ROCK				

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOTECHNICAL UNIT CORE BORING REPORT

PROJECT NO: 8.1830501 **PROJECT ID:** R-2206C **COUNTY:** LINCOLN **GEOLOGIST:** J.K. STICKNEY
SITE DESCRPTION: BRIDGE ON NC 16 OVER KILLIAN CREEK **DRILLER:** C.L. SMITH
BORING NO: B1-B NBL **BORING LOCATION (STA):** 199+33 **OFFSET:** 20 RT
COLLAR ELEV: 233.99 **PERSONNEL:** CEB, AJT **CORE SIZE:** NXWL
TOTAL DEPTH: 9.26 **DRILL MACHINE:** CME-550 **DATE STARTED:** 6-26-03
TOTAL RUN: 4.65 **DRILL EQUIP:** NW CASING / NXWL **DATE COMPLETED:** 6-26-03

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/.3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
229.38	4.61		1	99	80		GRAY VERY HARD, FRESH, FOLIATED GRANITE WITH CLOSE TO MODERATELY CLOSE FRACTURE SPACING
227.90	6.09		2	99	85		AS ABOVE
226.23	7.76		3	93	90		AS ABOVE EXCEPT FOR MODERATELY CLOSE TO WIDE FRACTURE SPACING (1 SOLID PIECE FROM 7.96-9.26 METERS)
224.73	9.26						

NOTES