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 SBL	**NORTHING** 0.00	**EASTING** 0.00	**0 HR** 1.00m
ALIGNMENT L	**BORING LOCATION** 199+33.000	**OFFSET** 9.00m LT	**24 HR** 1.30m
COLLAR ELEV 233.74m	**TOTAL DEPTH** 10.63m	**START DATE** 6/30/03	**COMPLETION DATE** 06/30/03
DRILL MACHINE CME-550	**DRILL METHOD** SPT CORE BORING		**HAMMER TYPE** AUTOMATIC
SURFACE WATER DEPTH N/A	**DEPTH TO ROCK** 6.36m		**Log B1-B SBL, Page 1 of 1**

ELEV	DEPTH	BLOW CT 15cm	15cm	15cm	PEN (m)	BLOWS PER 30cm 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
233.74						Ground Surface				
233.00	1.61	0	2	6	0.30	8		MOIST		ALLUVIUM - LOOSE TAN-GRAY MICACEOUS SILTY SAND WITH GRAVEL
231.00	3.13	20	28	26	0.30	54		MOIST		RESIDUAL - STIFF TO HARD GRAY-BROWN MICACEOUS SANDY SILT
229.00	4.66	5	15	29	0.30	44		M/W		
227.00	6.18	100			0.05	100	RUN #1			WEATHERED ROCK
							RUN #2			HARD ROCK - GRAY-WHITE HARD TO VERY HARD, SLIGHTLY WEATHERED TO FRESH, FOLIATED GRANITE, REC=66% RQD=30%
225.00							RUN #3			GRAY-BROWN HARD TO VERY HARD, MODERATELY WEATHERED TO FRESH, FOLIATED GRANTIE, REC=82% RQD=27%
223.11						CORING TERMINATED AT ELEVATION 233.111 METERS IN HARD ROCK				GRAY, VERY HARD, FRESH, FOLIATED GRANITE, REC=100% RQD=100%

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 SBL **BORING LOCATION (STA):** 199+35 **OFFSET:** 9 LT
COLLAR ELEV: 233.741 **PERSONNEL:** CEB, AJT **CORE SIZE:** NXWL
TOTAL DEPTH: 10.63 **DRILL MACHINE:** CME-550 **DATE STARTED:** 6-30-03
TOTAL RUN: 4.27 **DRILL EQUIP:** NW CASING / NXWL **DATE COMPLETED:** 6-30-03

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/.3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
227.381	6.36		1	66	30		GRAY-WHITE HARD TO VERY HARD, SLIGHTLY WEATHERED TO FRESH, FOLIATED GRANITE WITH CLOSE FRACTURE SPACING
226.091	7.65		2	82	27		GRAY-BROWN HARD TO VERY HARD, WEATHERED TO FRESH, FOLIATED GRANITE WITH VERY CLOSE TO CLOSE FRACTURE SPACING
224.571	9.17		3	100	100		GRAY, VERY HARD, FRESH, FOLIATED GRANITE (1 SOLID PIECE)
223.111	10.63						

NOTES