

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

GEOTECHNICAL UNIT CORE BORING REPORT

PROJECT NO: 8.1830501

PROJECT ID: R-2206B

COUNTY: LINCOLN

GEOLOGIST: C.C. MURRAY

SITE DESCRIPTION: NC16 PROPOSED (NBL) / FORNEY CRK & CSX RR

DRILLER: R.S. HINSON

BORING NO: B2-A(SBL)

BORING LOCATION (STA): 123+26 -L-

OFFSET: 16 LT

COLLAR ELEV: 223.342

PERSONNEL:

CORE SIZE: NXWL

TOTAL DEPTH: 15.06

DRILL MACHINE: CME-550

DATE STARTED: 2/7/00

TOTAL RUN: 7.89

DRILL EQUIP: NW CAS/RC/NXWL

DATE COMPLETED: 2/7/00

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/.3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
216.172	7.17		1	85%	48%	RS-15	YELLOW-GRAY MOD. WEATH. EXT. FRAC. LEUCOCRATIC GRANITE. (SAME AS B2-B(SBL)) FRAC. DIPPING @ 20°, ADS= 0.08 ADT= 0.0047
215.842	7.50		2	98%	61%	RS-16	AS ABOVE MOD. WEATH. SL-EXT. FRAC. FRAC. DIPPING @ 20°, ADS= 0.10 ADT= 0.0047 FRAC. DIPPING @ 50°, ADS= UNDET ADT= 0.0015
214.322	9.02		3	86%	52%	RS-17	AS ABOVE MOD. WEATH. EXT. FRAC. FRAC. DIPPING @ 20°, ADS= 0.09 ADT= 0.0015
212.802	10.54		4	98%	30%	RS-18	AS ABOVE SL. WEATH. SL-EXT. FRAC. FRAC. DIPPING @ 20°, ADS= 0.08 ADT= 0.002 FRAC. DIPPING @ 80°, ADS= UNDET ADT= 0.0015
211.282	12.06		5	95%	77%	RS-19	AS ABOVE SL. WEATH. SL-MOD. FRAC. FRAC. DIPPING @ 20°, ADS= 0.17 ADT=0.0015
209.802	13.54		6	98%	64%	RS-20	AS ABOVE SL. WEATH. SL-EXT. FRAC. FRAC. DIPPING @ 20°, ADS= 0.05 ADT= 0.0015
208.282	15.06						

NOTES	^ = DEGREE
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UNDET = UNDETERMINABLE
