

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	BORING LOCATION (STA): 123+47.5 -L-		DRILLER: R.S. HINSON
BORING NO: B2-B(SBL)	PERSONNEL:		OFFSET: 7.0 LT
COLLAR ELEV: 222.608	DRILL MACHINE: CME-550		CORE SIZE: NXWL
TOTAL DEPTH: 14.84	DRILL EQUIP: NW CAS/RC/NXWL		DATE STARTED: 2/4/00
TOTAL RUN: 8.13			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
215.899	6.71		1	70%	66%	RS-22	YELLOW-GRAY MOD. WEATH. MOD. FRAC. LEUCOCRATIC GRANITE. 7.12-7.29 SEV. WEATH. CORE LOSS HERE FRAC. DIPPING @ 20°, ADS= 0.38 ADT= 0.003
215.318	7.29		2	27%	18%	RS-23	AS ABOVE MOD-SEV. WEATH. MOD-EXT. FRAC. ADS, ADT, UNDET.
213.798	8.81		3	85%	37%	RS-24	YELLOW-GRAY MOD-EXT. WEATH. MOD-EXT. FRAC.LEUCOCRATIC GRANITE W/ MORE BIOTITE. 8.81-9.15 MUD HIGHLY FRAC. W/ MUD SEAM & CORE LOSS FRAC. DIPPING @ 20°, ADS= 0.05 ADT= 0.007
212.268	10.34		4	95%	74%	RS-25	YELLOW-GRAY MOD-EXT. WEATH. MOD-EXT. FRAC.LEUCOCRATIC GRANITE W/ MORE BIOTITE. FRAC. DIPPING @ 20°, ADS= 0.24 ADT= 0.002 FRAC. DIPPING @ 30°, ADS-UNDET ADT= 0.0015 FRAC. DIPPING @ 60°, ADS-UNDET ADT= 0.0015
210.748	11.86		5	89%	68%	RS-26	AS ABOVE SL. WEATH. SL-MOD. FRAC. FRAC. DIPPING @ 20°, ADS= 0.10 ADT= 0.002
209.258	13.35		6	100%	65%	RS-27	AS ABOVE SL-MOD. WEATH. MOD-EXT. FRAC. FRAC. DIPPING @ 20°, ADS= 0.07 ADT= 0.002 FRAC. DIPPING @ 60-70°, ADS= 0.15 ADT= 0.0015
207.768	14.84						

NOTES	^ = DEGREE
	UNDET = UNDETERMINABLE