

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+90.5 -L-		DRILLER: R.S. HINSON
BORING NO: B3-B/SBL	PERSONNEL:		OFFSET: 10 LT
COLLAR ELEV: 217.510	DRILL MACHINE: CME-550		CORE SIZE: NXWL
TOTAL DEPTH: 15.20	DRILL EQUIP: NW CAS/RC/NXWL		DATE STARTED: 2/10/00
TOTAL RUN: 4.29			DATE COMPLETED: 2/10/00

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
209.570	7.94		1	80%	44%	RS-36	GREEN-GRAY SL. WEATH. MOD-EXT. FRAC. DIORITE FRAC. DIP @ 30^, ADS= 0.05 ADT= 0.002 FRAC. DIP @ 45, 60^, ADS= UNDET ADT= 0.0015
208.320	9.19		2	35%	13%		AS ABOVE SL. WEATH. MOD-EXT. FRAC. CORE LOSS 9.48-10.71 FRAC. DIPPING @ 20^, ADS, ADT, UNDET.
206.800	10.71		3	0%	0%		NO RECOVERY-PRESUMED SEV. WEATH. HIGHLY FRAC. LEUCOCRATIC GRANITE
205.280	12.23						

NOTES	^ = DEGREE
	UNDET = UNDETERMINABLE