

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## DIVISION OF HIGHWAYS

### GEOTECHNICAL UNIT CORE BORING REPORT

PROJECT NO: 8.1830501  
 SITE DESCRIPTION: NC16 PROPOSED (NBL) / FORNEY CRK & CSX RR  
 BORING NO: B1-A (NBL)  
 COLLAR ELEV: 223.473  
 TOTAL DEPTH: 9.07  
 TOTAL RUN: 2.66

PROJECT ID: R-2206B COUNTY: LINCOLN  
 BORING LOCATION (STA): 123+32 -L-  
 PERSONNEL:  
 DRILL MACHINE: CME-550  
 DRILL EQUIP: NW CAS/RC/NXWL

GEOLOGIST: C.C. MURRAY  
 DRILLER: R.S. HINSON  
 OFFSET: 7.0 RT  
 CORE SIZE: NXWL  
 DATE STARTED: 2/2/00  
 DATE COMPLETED: 2/2/00

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
217.063	6.41		1	26%	96%	RS-13	6.41-7.51 GRAY MOD. WEATH. MOD FRAC. BIOTITE GRANITE. 7.51-7.59 MED. GRAY MOD. WEATH. MOD. FRACT. DIABASE DIKE. HANGING WALL GRANITE 70 ^ . FRAC. DIPPING @ 20^ ADS= 0.08 ADT= 0.08, FRAC. DIP. @ 30-40 ^ ADS=.35 ADT= 0.003 FRAC. DIP. @ 70^ ADS= UNDET* ADT= 0.0015
215.883	7.59		2	54%	99%	RS- 14	7.59- 8.02 MED. GRAY MOD. WEATH. MOD. FRAC. DIABASE DIKE FOOTWALL CONTACT @ 70^ 8.02-9.07 LT. GRAY MOD. WEATH. MOD. FRAC. BIOTITE GRANITE W/ 20^ DIPPING FRAC. FRAC. DIP. @ 20^ ADS= 0.10 ADT= 0.002 FRAC. DIP. @ 70^ ADS= 0.45 ADT= 0.001
214.403	9.07						
<b>NOTES</b> ^ SYMBLE = DEGREE SYMBLE UNDET.= UNDETERMINABLE							