

**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOTECHNICAL UNIT CORE BORING REPORT**

PROJECT NO: 8.1600901 PROJECT ID: R-2568B COUNTY: DAVIDSON
 SITE DESCRIPTION: BRIDGE #124 ON NC 109 OVER RICH FORK CREEK.
 BORING NO: B1-A, NBL BORING LOCATION (STA): 61+30 -L-
 COLLAR ELEV: 213.61 PERSONNEL:
 TOTAL DEPTH: 13.47m DRILL MACHINE: CME-550
 TOTAL RUN: 7.38m DRILL EQUIP:

GEOLOGIST: R.W. TODD
 DRILLER: J.E. ESTEP
 OFFSET: 7.0 RT.
 CORE SIZE: NXWL
 DATE STARTED: 04/29/02
 DATE COMPLETED: 04/30/02

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
207.52	6.09		1	88	0		BRN./BLK./WHITE, MOD. WEATH., MOD. HARD, META. GRANITIC ROCK. 85 DEG. JOINT THROUGHOUT RUN. FS = CLOSE.
206.12	7.49		2	47	7		BRN./BLK./WHITE, SEV. WEATH., MOD. HARD, META. GRANITIC ROCK. FS = CLOSE.
204.62	8.99		3	19	12		BRN./BLK./WHITE, SEV. WEATH., SOFT, META. GRANITIC ROCK. FS = CLOSE.
203.13	10.48		4	86	47	RS-2	BRN./BLK./WHITE, MOD. WEATH. TO FRESH, MOD. HARD TO HARD, META. GRANITIC ROCK. FS = CLOSE TO WIDE
201.63	11.98		5	100	100		BRN./BLK./WHITE, FRESH, HARD, META. GRANITIC ROCK.
200.14	13.47						FS = WIDE
NOTES							

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PROJECT NO: 8.1600901 PROJECT ID: R-2568B COUNTY: DAVIDSON
 SITE DESCRIPTION: BRIDGE #124 ON NC 109 OVER RICH FORK CREEK.
 BORING NO: B1-B, NBL BORING LOCATION (STA): 61+28.0 -L-
 COLLAR ELEV: 213.65m PERSONNEL:
 TOTAL DEPTH: 13.60m DRILL MACHINE: CME-550
 TOTAL RUN: 8.25m DRILL EQUIP:

GEOLOGIST: R.W. TODD
 DRILLER: J.E. ESTEP
 OFFSET: 17.0 RT.
 CORE SIZE: NXWL
 DATE STARTED: 04/30/02
 DATE COMPLETED: 04/30/02

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
208.30	5.35		1	14	7		BRN./BLK./WHITE, SEV. WEATH., SOFT TO MOD. HARD, META. GRANITIC ROCK. ONE 75 DEG. JOINT BREAK FROM 5.87 - 6.47. FS = VERY CLOSE TO CLOSE.
206.16	7.49		2	16	11		BRN./BLK./WHITE, SEV. WEATH., SOFT TO MOD. HARD, META. GRANITIC ROCK. FS = VERY CLOSE TO CLOSE.
204.66	8.99		3	84	0		BRN./BLK./WHITE, MOD. SEV. WEATH., SOFT, META. GRANITIC ROCK. FS = VERY CLOSE TO CLOSE.
203.20	10.45		4	70	7		BRN./BLK./WHITE, MOD. WEATH., MOD. HARD, META. GRANITIC ROCK. FS = CLOSE.
201.71	11.94		5	100	100		BRN./BLK./WHITE, FRESH, HARD, META. GRANITIC ROCK.
200.05	13.60						FS = WIDE.
NOTES							