NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 33608.1.1	ID B-4266	COUNTY RUTHERFORD	GEOLOGIST RWT
SITE DESCRIPTION BRIDGE 110 ON SR 1991 OVER HILL'S CREEK			GND WATER
BORING NO B2-B	NORTHING 0.00	EASTING 0.00	0 HR N/A
ALIGNMENT L	BORING LOCATION 13+42.000	OFFSET 7.00ft RT	24 HR N/A
COLLAR ELEV 750.40ft	TOTAL DEPTH 26.10ft	START DATE 1/11/05	COMPLETION DATE 01/11/05
DRILL MACHINE CME 550	DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC
SURFACE WATER DEPTH	DEPTH TO ROCK 12.10ft		Log B2-B, Page 1 of 1

ELEV	DEPTH	BLOW CT 6in	BLOW CT 6in	BLOW CT 6in	PEN (ft)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
750.40						Ground Surface				
										(ALLUVIUM) BRN./GRAY LOOSE MOIST SILTY SAND
	7.00	15	28	19	1.0	47	SS-12	M		(RESIDUAL) BRN. DENSE MOIST SILTY SAND
740.00	10.90	100			0.4	100				WEATHERED ROCK
							RUN 1			(HARD CRYSTALLINE ROCK) GRAY SLI. WEATH. HARD MICA SCHIST. REC = 96% RQD = 84%
							RUN 2			WHITE/GRAY FRESH HARD META. GRANITE. REC = 100% RQD = 100%
							RUN 3			GRAY FRESH HARD MICA SCHIST. REC = 100% RQD = 100%
724.30						BORING TERMINATED AT ELEV. 724.30' IN GRAY FRESH HARD, MICA SCHIST				

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

PROJECT NO: 33608.1.1 **PROJECT ID:** B-4266 **COUNTY:** RUTHERFORD **GEOLOGIST:** R.W. TODD
SITE DESCRPTION: BR #110 ON SR 1991 OVER HILL'S CREEK. **DRILLER:** C.L. SMITH
BORING NO: B2-B **BORING LOCATION (STA):** 13+42 -L- **OFFSET:** 7.0' RT.
COLLAR ELEV: 750.40' **PERSONNEL:** **CORE SIZE:** NXWL
TOTAL DEPTH: 26.10' **DRILL MACHINE:** CME-550 **DATE STARTED:** 01/11/05
TOTAL RUN: 14.00' **DRILL EQUIP:** **DATE COMPLETED:** 01/11/05

ELEV. (FT)	DEPTH (FT)	DRILL RATE (MIN/1.0 FT)	RUN NO.	REC % (FT)	RQD % (FT)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
738.30	12.10		1	96	84	RS-2	GRAY, SLI. WEATH., HARD, MICA SCHIST. FS = CLOSE TO MOD. CLOSE
733.70	16.70		2	100	100		WHITE/GRAY, FRESH, HARD, META. GRANITE. FS = MOD. CLOSE
729.00	21.40		3	100	100		GRAY, FRESH, HARD, MICA SCHIST.
724.30	26.10						FS = MOD. CLOSE

NOTES