

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2751801		ID B-3709		COUNTY WATAUGA		GEOLOGIST L. L. ACKER							
SITE DESCRIPTION BR. # 94 ON SR-1111 OVER LAUREL FORK CREEK							GND WATER						
BORING NO 5		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT -L-		BORING LOCATION 15+40.000		OFFSET 3.00ft LT		24 HR N/A							
COLLAR ELEV 2790.60ft		TOTAL DEPTH 6.80ft		START DATE 1/28/03		COMPLETION DATE 01/28/03							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 4.80ft			Log 5, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75				100
2790.60													Ground Surface
	2.80	12	17	15	1.0		32			SS-3	M		COLLUVIAL: ROCK FRAGMENTS IN YELLOW-BROWN, SANDY, CLAYEY SILT
2783.80													HARD ROCK: GREENSTONE
													TERMINATED BORING IN HARD ROCK AT ELEVATION 2783.8 FEET

PROJECT NO 8.2751801		ID B-3709		COUNTY WATAUGA		GEOLOGIST L. L. ACKER							
SITE DESCRIPTION BR. # 94 ON SR-1111 OVER LAUREL FORK CREEK							GND WATER						
BORING NO 6		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT -L-		BORING LOCATION 16+00.000		OFFSET 0.00ft		24 HR N/A							
COLLAR ELEV 2791.50ft		TOTAL DEPTH 5.50ft		START DATE 1/28/03		COMPLETION DATE 01/28/03							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 4.80ft			Log 6, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75				100
2791.50													Ground Surface
2790.00													COLLUVIAL: YELLOW-BROWN, SANDY, CLAYEY SILT WITH ROCK FRAGMENTS
2786.00													WEATHERED ROCK
													HARD ROCK: GREENSTONE
													TERMINATED BORING IN HARD ROCK AT ELEVATION 2786.0 FEET