

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 33356.1.1	ID B-3922	COUNTY WATAUGA	GEOLOGIST L. L. ACKER
SITE DESCRIPTION BRIDGE NO. 316 ON SR 1149 OVER COVE CREEK			GND WATER
BORING NO B1-A	NORTHING 0.00	EASTING 0.00	0 HR N/A
ALIGNMENT -L-	BORING LOCATION 10+76.000	OFFSET 16.00ft LT	24 HR 4.00ft
COLLAR ELEV 2634.00ft	TOTAL DEPTH 9.90ft	START DATE 4/20/04	COMPLETION DATE 04/20/04
DRILL MACHINE CME 550	DRILL METHOD ROTARY W/O MUD	HAMMER TYPE AUTOMATIC	
SURFACE WATER DEPTH	DEPTH TO ROCK 7.80ft	Log B1-A, 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			
2634.00	0.00	0	0	0	1.0	Ground Surface						
2630.00	4.00	1	2	5	1.0	0	7					ALLUVIUM: DARK BROWN, SANDY SILT
	6.50	22	78		0.5				100			ALLUVIUM: COARSE SAND, GRAVEL AND BOULDERS
2624.10	9.00	100			0.1				100			WEATHERED ROCK
TERMINATED BORING IN HARD ROCK AT ELEVATION 2624.1 FEET.												HARD ROCK: BIOTITE GNEISS