

**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 B2-B		NORTHING 0.00				EASTING 0.00				0 HR N/A			
ALIGNMENT -L-		BORING LOCATION 11+50.000				OFFSET 15.00ft RT				24 HR 4.40ft			
COLLAR ELEV 2635.50ft		TOTAL DEPTH 23.10ft		START DATE 4/21/04		COMPLETION DATE 04/21/04							
DRILL MACHINE CME 550				DRILL METHOD ROTARY W/O MUD				HAMMER TYPE AUTOMATIC					
SURFACE WATER DEPTH N/A				DEPTH TO ROCK 19.00ft				Log B2-B, 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			
2635.50	0.00	1	1	3	1.0	Ground Surface							
2630.00	4.20	8	3	3	1.0	X 4						▼	ALLUVIUM: SAND AND GRAVEL TO BOULDERS
	6.70	11	8	6	1.0	X 6 X 14							ALLUVIUM: SILTY SAND WITH A LITTLE GRAVEL
	9.20	16	100		0.2	X 100							ALLUVIAL: BOULDERS
	11.70	70	31	69	0.9	X 100							WEATHERED ROCK AND HARD ROCK SEAMS
2620.00	14.20	100			0.2	X 100							
	19.20	100			0.1	X 100							HARD ROCK
2612.40						TERMINATED BORING IN HARD ROCK AT ELEVATION 2612.4 FEET.							