

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 EB2-A		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR 1.20ft					
ALIGNMENT -L-		BORING LOCATION 11+85.000		OFFSET 15.00ft LT		24 HR 1.20ft	24 HR 1.20ft					
COLLAR ELEV 2634.30ft		TOTAL DEPTH 11.70ft		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			DEPTH TO ROCK 9.50ft			Log EB2-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			
2634.30	0.00	0	0	2	1.0	Ground Surface						
2630.00	4.50	4	3	7	1.0	10				SS-7	▼	ALLUVIUM: DARK BROWN, SANDY SILT
	9.50	100			0.1	100						ALLUVIUM: SAND, GRAVEL AND COBBLES WITH BASAL BOULDERS
2622.60												WEATHERED ROCK
												HARD ROCK
TERMINATED BORING IN HARD ROCK AT ELEVATION 2622.6 FEET.												

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SITE DESCRIPTION BRIDGE NO. 316 ON SR 1149 OVER COVE CREEK							GND WATER					
BORING NO EB2-B		NORTHING 0.00		EASTING 0.00		0 HR N/A	24 HR 2.00ft					
ALIGNMENT -L-		BORING LOCATION 11+82.000		OFFSET 20.00ft RT		24 HR 2.00ft	24 HR 2.00ft					
COLLAR ELEV 2633.70ft		TOTAL DEPTH 11.30ft		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			DEPTH TO ROCK 9.60ft			Log EB2-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			
2633.70	0.00	0	0	0	1.0	Ground Surface						
2630.00	3.80	1	2	5	1.0	7					▼	ALLUVIUM: DARK BROWN, SANDY SILT
	8.80	100			0.3	100						ALLUVIUM: SAND, GRAVEL AND COBBLES
2622.40												WEATHERED ROCK
												HARD ROCK
TERMINATED BORING IN HARD ROCK AT ELEVATION 2622.4 FEET.												