

**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
GEOTECHNICAL UNIT BORING LOG**

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GEOTECHNICAL UNIT BORING LOG**

PROJECT NO 8.2752101		ID B-3926		COUNTY WATAUGA		GEOLOGIST L.L. ACKER							
SITE DESCRIPTION BR. 35 & 36 ON SR 1340 OVER MEAT CAMP CREEK						GND WATER							
BORING NO 36-EB2A						0 HR N/A							
ALIGNMENT -L2-						24 HR 3.50ft							
COLLAR ELEV 3535.10ft		TOTAL DEPTH 28.20ft		START DATE 6/24/03		COMPLETION DATE 06/24/03							
DRILL MACHINE CME 550				DRILL METHOD ROTARY W/O MUD		HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH				DEPTH TO ROCK 15.90ft		Log 36-EB2A, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG MOI	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75				100
3535.10													Ground Surface
3530.00	4.50	29	24	16	1.0								ALLUVIUM: SAND AND GRAVEL WITH COBBLES AND BOULDERS
	9.50	13	10	19	1.0								SAPROLITE: GREY-BROWN TO RED-BROWN, SILTY SAND
3520.00	14.50	60	40	0.7									WEATHERED ROCK
													HARD ROCK: SLI. WEATHERED AMPHIBOLITE REC=100 RQD=89
													HARD ROCK: MOD. TO SEV. WEATHERED AMPHIBOLITE REC=54 RQD=29
3510.00													WEATHERED ROCK: REC=0 RQD=0
3506.90													HARD ROCK: MOD. TO SEV. WEATHERED AMPHIBOLITE REC=80 RQD=16
													TERMINATED BORING IN WEATHERED ROCK AT ELEVATION 3506.9 FEET

PROJECT NO 8.2752101		ID B-3926		COUNTY WATAUGA		GEOLOGIST L.L. ACKER							
SITE DESCRIPTION BR. 35 & 36 ON SR 1340 OVER MEAT CAMP CREEK						GND WATER							
BORING NO 36-EB2B						0 HR 2.80ft							
ALIGNMENT -L2-						24 HR N/A							
COLLAR ELEV 3535.00ft		TOTAL DEPTH 38.80ft		START DATE 6/25/03		COMPLETION DATE 06/25/03							
DRILL MACHINE CME 550				DRILL METHOD ROTARY W/O MUD		HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH				DEPTH TO ROCK N/A		Log 36-EB2B, Page 1 of 1							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG MOI	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75				100
3535.00													Ground Surface
3530.00	3.80	5	7	5	1.0								ALLUVIUM: SAND AND GRAVEL WITH COBBLES AND BOULDERS
	8.80	1	2	2	1.0								SAPROLITE: LIGHT BROWN, MICACEOUS, SILTY SAND
3520.00	13.80	1	2	2	1.0								
	18.80	1	1	3	1.0								SS-9
3510.00	23.80	4	12	24	1.0								
	28.80	15	33	30	1.0								
3500.00	33.80	32	64	36	0.7								WEATHERED ROCK: SEVERELY WEATHERED, MICACEOUS, GRANITE GNEISS
3496.20													TERMINATED BORING IN WEATHERED ROCK AT ELEVATION 3496.2 FEET