

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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 35-EB1A		NORTHING 0.00		EASTING 0.00		0 HR 5.80ft							
ALIGNMENT -L1-		BORING LOCATION 23+25.000		OFFSET 9.00ft LT		24 HR N/A							
COLLAR ELEV 3500.60ft		TOTAL DEPTH 22.90ft		START DATE 6/20/03		COMPLETION DATE 06/20/03							
DRILL MACHINE CME-550			DRILL METHOD ROTARY W/O MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK 10.10ft			Log 35-EB1A, 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
3500.60													
	4.50	4	1	1	1.0	2							Ground Surface
													EMBANKMENT: SILTY SAND AND GRAVEL WITH COBBLES AND BOULDERS
													ALLUVIUM: SAND, GRAVEL, AND BOULDERS
													HARD ROCK: SLI. TO SEV. WEATHERED AMPHIBOLITE REC=70 RQD=5
													HARD ROCK: V. SLI. WEATHERED TO FRESH AMPHIBOLITE REC=100 RQD=84
													TERMINATED BORING IN HARD ROCK AT ELEVATION 3477.7 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 35-EB1B		NORTHING 0.00		EASTING 0.00		0 HR 1.50ft							
ALIGNMENT -L1-		BORING LOCATION 23+45.000		OFFSET 15.00ft RT		24 HR N/A							
COLLAR ELEV 3501.70ft		TOTAL DEPTH 16.80ft		START DATE 6/19/03		COMPLETION DATE 06/19/03							
DRILL MACHINE CME 550			DRILL METHOD ROTARY W/O MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK 7.10ft			Log 35-EB1B, 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
3501.70	0.00	2	3	4	1.0								Ground Surface
3500.00						7							EMBANKMENT: BOULDERS IN SILTY SAND AND GRAVEL
													HARD ROCK: V. SLI. WEATHERED AMPHIBOLITE REC=94 RQD=41
													HARD ROCK: FRESH AMPHIBOLITE REC=91 RQD=80
													TERMINATED BORING IN HARD ROCK AT ELEVATION 3484.9 FEET