

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

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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-EB2A		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT -L1-		BORING LOCATION 23+72.000		OFFSET 10.00ft LT		24 HR 6.60ft							
COLLAR ELEV 3502.60ft		TOTAL DEPTH 16.40ft		START DATE 6/18/03		COMPLETION DATE 06/18/03							
DRILL MACHINE CME 550			DRILL METHOD ROTARY W/O MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK 16.40ft			Log 35-EB2A, 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
3502.60													Ground Surface
3500.00	4.40	4	2	7	1.0								EMBANKMENT: SILTY SAND AND GRAVEL WITH COBBLES AND BOULDERS
										SS-1	W		ALLUVIUM: SILTY CSE SAND AND GRAVEL WITH COBBLES AND BOULDERS
	9.40	18	35	65	0.9						SAT		WEATHERED ROCK
3490.00	14.40	34	50	50	0.8								
3486.20													TERMINATED BORING ON HARD ROCK AT ELEVATION 3486.2 FEET

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SITE DESCRIPTION BR. 35 & 36 ON SR 1340 OVER MEAT CAMP CREEK							GND WATER						
BORING NO 35-EB2B		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT -L1-		BORING LOCATION 23+96.000		OFFSET 8.00ft RT		24 HR 5.30ft							
COLLAR ELEV 3503.60ft		TOTAL DEPTH 20.70ft		START DATE 6/18/03		COMPLETION DATE 06/18/03							
DRILL MACHINE CME 550			DRILL METHOD ROTARY W/O MUD			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH N/A			DEPTH TO ROCK 9.20ft			Log 35-EB2B, 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
3503.60													Ground Surface
3500.00	2.00	11	100	0.2									EMBANKMENT: SILTY SAND AND GRAVEL WITH COBBLES AND BOULDERS
	4.50	7	9	3	1.0								ALLUVIUM: CSE SAND AND GRAVEL WITH COBBLES AND BOULDERS
													HARD ROCK: SLI. TO SEV. WEATHERED AMPHIBOLITE WITH WEATHERED ROCK SEAMS REC=57 RQD=20
3490.00													
3482.90													TERMINATED BORING IN HARD ROCK AT ELEVATION 3482.9 FEET