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-WALL-1	NORTHING 0.00	EASTING 0.00	0 HR 7.30ft
ALIGNMENT -L1-	BORING LOCATION 22+70.000	OFFSET 16.00ft LT	24 HR N/A
COLLAR ELEV 3498.50ft	TOTAL DEPTH 22.50ft	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 N/A	DEPTH TO ROCK 12.10ft		Log 35-WALL-1, Page 1 of 1

ELEV	DEPTH	BLOW CT 6in	6in	6in	PEN (ft)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
3498.50	0.00	1	2	2	1.0	Ground Surface				
						4 6 37	SS-3	W		EMBANKMENT: BROWN-ORANGE, MICACEOUS, SILTY SAND
	4.50	15	3	3	1.0			W		ALLUVIUM: SAND AND GRAVEL WITH COBBLES AND BOULDERS
3490.00	9.50	31	16	21	1.0					SAPROLITE: BROWN-ORANGE, SILTY SAND WITH WEATHERED ROCK SEAMS
										WEATHERED ROCK
3480.00										HARD ROCK: SLI. WEATHERED AMPHIBOLITE REC=94 RQD=68
3476.00						TERMINATED BORING IN HARD ROCK AT ELEVATION 3476.0 FEET				

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SITE DESCRIPTION BR. 35 & 36 ON SR 1340 OVER MEAT CAMP CREEK			GND WATER
BORING NO 35-WALL-2	NORTHING 0.00	EASTING 0.00	0 HR N/A
ALIGNMENT -L1-	BORING LOCATION 24+20.000	OFFSET 17.00ft RT	24 HR 6.50ft
COLLAR ELEV 3504.80ft	TOTAL DEPTH 17.20ft	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 10.10ft		Log 35-WALL-2, Page 1 of 1

ELEV	DEPTH	BLOW CT 6in	6in	6in	PEN (ft)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
3504.80	0.00	1	4	4	1.0	Ground Surface				
						8 34	SS-2	M		EMBANKMENT: BROWN-ORANGE, MICACEOUS, SANDY CLAY WITH GRAVEL, COBBLES AND BOULDERS
3500.00	4.40	7	20	14	1.0			▼		ALLUVIUM: DARK BROWN, SANDY SILT WITH GRAVEL, COBBLES AND BOULDERS
3490.00										WEATHERED ROCK WITH HARD ROCK SEAMS
3487.60						TERMINATED BORING IN HARD ROCK AT ELEVATION 3487.6 FEET				