

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

PROJECT NO 8.1770801		ID R-3427		COUNTY YADKIN		GEOLOGIST J. STICKNEY									
SITE DESCRIPTION BRIDGE # 30 ON NC 601 AT SOUTH DEEP CREEK							GND WATER								
BORING NO EB1-B		NORTHING 0.00			EASTING 0.00		0 HR N/A								
ALIGNMENT -L-		BORING LOCATION 235+69.000			OFFSET 6.00ft RT		24 HR N/A								
COLLAR ELEV 766.63ft		TOTAL DEPTH 23.00ft		START DATE 9/11/02		COMPLETION DATE 09/11/02									
DRILL MACHINE CME-550				DRILL METHOD NWCAS/TRI-CONE		HAMMER TYPE AUTOMATIC									
SURFACE WATER DEPTH N/A				DEPTH TO ROCK 23.00ft		Log EB1-B, Page 1 of 1									
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT					SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75	100					
766.63						Ground Surface									
	4.40	1	2	3	1.0		5					SS-7	M		0-14.4' ROADWAY FILL: BROWN, MOIST, M.STF, MICACEOUS CLAYEY SANDY SILT
760.00	9.40	1	2	2	1.0		4								
	14.40	0	1	1	1.0		2					SS-8	M		14.4-21.0 ALLUVIAL BROWN MOIST, SOFT TO V. SOFT, MICACEOUS SILTY CLAY
750.00	19.40	0	0	0	1.0		0								
743.63						TRI-CONE REFUSAL AT 23' DEPTH.								21 TO 23 WEATHERED ROCK: PENETRATION DIFFICULT WITH TRI-CONE. REFUSAL AT 23'	