

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.2852001		ID B-3419		COUNTY BURKE		GEOLOGIST P.Q.LOCKAMY							
SITE DESCRIPTION BRIDGE NO.46 OVER CATAWBA RIVER ON SR.1223							GND WATER						
BORING NO WW-1		NORTHING 0.00			EASTING 0.00		0 HR N/A						
ALIGNMENT -L-		BORING LOCATION 21+40.000			OFFSET 24.00ft RT		24 HR N/A						
COLLAR ELEV 1072.70ft		TOTAL DEPTH 18.70ft		START DATE 6/02/03		COMPLETION DATE 06/02/03							
DRILL MACHINE CME-550X				DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH				DEPTH TO ROCK N/A		Log WW-1, 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			
1072.70						Ground Surface							
1070.00	3.40	1	1	1	1.0	2							EMBANKMENT: BRN. RED SANDY SILT WITH CLAY, MOIST
	8.40	3	2	3	1.0	5							ALLUVIUM: TAN SILTY FINE SAND WITH BASAL GRAVEL, MOIST
	10.90	3	5	5	1.0	10							SAPROLITE: SILTY FINE SAND BECOMING COARSER WITH DEPTH, MOIST TO SATURATED
1060.00	13.40	1	3	6	1.0	9					SS-4		
	15.90	2	4	5	1.0	9					SS-5		
1054.00	18.40	60			0.1								CRYSTALLINE ROCK
BORING TERMINATED BY HOLLOW AUGER REFUSAL ON CRYSTALLINE ROCK AT A DEPTH OF 18.7 FEET.													