

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1761801		ID B-3714		COUNTY WILKES		GEOLOGIST T B DANIEL							
SITE DESCRIPTION BRIDGE NO.83 ON NC-268 OVER MULBERRY CREEK							GND WATER						
BORING NO EB1-A(DET)		NORTHING 895326.92		EASTING 1376360.07		0 HR 3.30R							
ALIGNMENT -L-		STATION 16+44.000		OFFSET 17.00R LT		24 HR 2.60R							
COLLAR ELEV 986.50ft		TOTAL DEPTH 54.80ft		START DATE 6/09/03		COMPLETION DATE 06/10/03							
DRILL MACHINE CME 550			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A(DET), Page 1 of 2							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75				100
986.50													
	3.70	1	1	2	1.0								ALLUVIUM: BROWN SILTY SAND WITH OCC GRAVEL AND COBBLES, W
980.00	8.70	3	6	8	1.0								SAPROLITE: BROWN FINE SANDY SILT WITH MICA, MOIST.
	13.70	19	34	54	1.0								
970.00	18.70	8	14	17	1.0								
	23.70	8	14	20	1.0								
960.00	28.70	50	ND	ND	0.6								WEATHERED ROCK.
	33.70	60	ND	ND	0.1								CORE 1: 34.7'- 38.3' REC=61% □RQD=61%
950.00													CORE 2: 38.3'- 43.3' REC=3% □RQD=0%
													CORE 3: 43.3'- 48.3' REC=0% □RQD=0%
940.00													CORE 4: 48.3'- 53.3' REC=0% □RQD=0%
933.50													
Continued on the next page.													

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SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-A(DET), Page 2 of 2							
ELEV	DEPTH	BLOW CT			PEN (ft)	BLOWS PER FOOT				SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		6in	6in	6in		0	25	50	75				100
933.50	53.20	20	41	38	1.0								
931.70													BORING TERMINATED AT ELEV 931.7 IN VERY DENSE SAPROLITE
													SAPROLITE: GRAY SILTY FINE SAND WITH MICA, MOIST