NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1944601	**ID** B-3470	**COUNTY** HAYWOOD	**GEOLOGIST** T.B. DANIEL
SITE DESCRIPTION BRIDGE NO. 163 ON US-276 OVER W. FORK PIGEON RIVER OVERFLOW			**GND WATER**
BORING NO EB2-B	**NORTHING** 0.00	**EASTING** 0.00	**0 HR** N/A
ALIGNMENT -L-	**BORING LOCATION** 15+78.000	**OFFSET** 16.00ft RT	**24 HR** 13.00ft
COLLAR ELEV 2666.20ft	**TOTAL DEPTH** 54.60ft	**START DATE** 10/30/02	**COMPLETION DATE** 10/30/02
DRILL MACHINE CME-550X	**DRILL METHOD** SPT CORE BORING		**HAMMER TYPE** AUTOMATIC
SURFACE WATER DEPTH N/A	**DEPTH TO ROCK** N/A		Log EB2-B, Page 1 of 2

ELEV	DEPTH	BLOW CT 6in	BLOW CT 6in	BLOW CT 6in	PEN (ft)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
2666.20						Ground Surface				
	4.40	4	6	6	1.0	12				EMBANKMENT: RED-BROWN SILTY SAND
2660.00	6.90	4	3	3	1.0	6	SS-1			ALLUVIAL SAND, GRAVEL, & MINOR SILT
	9.40	0	1	2	1.0	3	SS-2			
	14.40	15	10	10	1.0	20	SS-3			
2650.00	19.40	11	11	6	1.0	17				
	24.40	4	5	7	1.0	12	SS-4			SAPROLITE: WHITE-BROWN MICACEOUS SILTY SAND
2640.00	29.40	22	16	20	1.0	36				
	34.40	20	21	30	1.0	51	SS-5			
2630.00	39.40	10	12	15	1.0	27				
	44.40	32	37	35	1.0	72	SS-6			
2620.00	49.40	50			0.3	50				WEATHERED ROCK
2611.60	54.40	50			0.2	50				

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SURFACE WATER DEPTH N/A	**DEPTH TO ROCK** N/A		Log EB2-B, Page 2 of 2

ELEV	DEPTH	BLOW CT 6in	BLOW CT 6in	BLOW CT 6in	PEN (ft)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
2611.60						BORING TERMINATED AT ELEV. 2611.6 IN WEATHERED ROCK				