

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 B2-B		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT -L-		BORING LOCATION 15+38.000		OFFSET 20.00ft RT		24 HR 1.20ft								
COLLAR ELEV 2654.83ft		TOTAL DEPTH 43.80ft		START DATE 11/18/02		COMPLETION DATE 11/18/02								
DRILL MACHINE CME-550X			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH N/A			DEPTH TO ROCK N/A			Log B2-B, 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				
2654.83														
	3.50	17	14	13	1.0									ALLUVIAL SANDY SILT
2650.00														ALLUVIAL SAND & GRAVEL
	8.50	2	5	4	1.0									SAPROLITE: WHITE-BROWN-BLACK MICACEOUS SILTY SAND
2640.00														WEATHERED ROCK LEDGE
	13.50	3	5	9	1.0									SAPROLITE: BROWN-BLACK MICACEOUS SILTY SAND
	18.50	50			0.3									WEATHERED ROCK
2630.00														
	23.50	11	10	12	1.0									
	28.50	50			0.3									
2620.00														
	33.50	24	93		1.0									
	38.50	13	37	63	1.0									
2611.03	43.50	50			0.3									
BORING TERMINATED AT ELEV. 2611.03 IN WEATHERED ROCK														

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SITE DESCRIPTION BRIDGE NO. 163 ON US-276 OVER W. FORK PIGEON RIVER OVERFLOW							GND WATER							
BORING NO EB2-A		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT -L-		BORING LOCATION 15+78.000		OFFSET 6.00ft LT		24 HR 13.50ft								
COLLAR ELEV 2666.73ft		TOTAL DEPTH 50.10ft		START DATE 11/04/02		COMPLETION DATE 11/04/02								
DRILL MACHINE CME-550X			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB2-A, 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				
2666.73														
	4.70	8	6	7	1.0									EMBANKMENT: RED-BROWN CLAYEY SAND WITH SOME GRAVEL
2660.00														
	9.70	11	12	14	1.0									ALLUVIAL SAND & GRAVEL
2650.00														
	14.70	13	11	14	1.0									
	19.70	2	2	3	1.0									SAPROLITE: WHITE-BROWN MICACEOUS SILTY SAND
2640.00														
	24.70	3	3	5	1.0									
	29.70	7	8	10	1.0									
2630.00														
	34.70	14	16	18	1.0									
	39.70	8	15	21	1.0									
2620.00														
	44.70	29	71		0.9									WEATHERED ROCK
2616.63	49.70	50			0.3									
BORING TERMINATED AT ELEV. 2616.63 IN WEATHERED ROCK														