

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 B1-B		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT -L-		BORING LOCATION 14+98.000		OFFSET 20.00ft RT		24 HR 0.50ft							
COLLAR ELEV 2653.83ft		TOTAL DEPTH 49.30ft		START DATE 11/07/02		COMPLETION DATE 11/07/02							
DRILL MACHINE CME-550X			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-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
2653.83													Ground Surface
2650.00	4.10	5	7	5	1.0					12			ALLUVIAL SANDY SILT ALLUVIAL SAND & GRAVEL
	9.10	1	2	2	1.0					4		SS-14	SAPROLITE: BROWN-WHITE-GREY MICACEOUS SILTY SAND
2640.00	14.10	2	3	4	1.0					7			
	19.10	4	9	15	1.0					24		SS-15	
2630.00	24.10	12	20	18	1.0					38			
	29.10	28	51	45	1.0					96		SS-16	
2620.00	34.10	50	50		0.8					100			
	39.10	50			0.4					50			WEATHERED ROCK
2610.00	44.10	50			0.2					50			
2604.53	49.10	50			0.2					50			
BORING TERMINATED AT ELEV. 2604.53 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 B2-A		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT -L-		BORING LOCATION 15+38.000		OFFSET 6.00ft LT		24 HR N/A							
COLLAR ELEV 2651.57ft		TOTAL DEPTH 39.60ft		START DATE 12/16/02		COMPLETION DATE 12/16/02							
DRILL MACHINE CME-550X			DRILL METHOD SPT CORE BORING			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH 1.80ft			DEPTH TO ROCK N/A			Log B2-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
2653.37													Surface Water
													Ground Surface
2650.00													ALLUVIAL SANDY SILT ALLUVIAL SAND & GRAVEL
	4.50	2	1	3	1.0					4			SAPROLITE: WHITE-GREY-BROWN MICACEOUS SILTY SAND
	9.50	2	4	7	1.0					11			
2640.00	14.50	3	4	7	1.0					11			
	19.50	11	12	33	1.0					45			
2630.00	24.50	50			0.2					50			
	29.50	50			0.1					50			
2620.00	34.50	41	42	58	1.0					100			
	39.50	50			0.1					50			
2611.97													
BORING TERMINATED AT ELEV. 2611.97 IN WEATHERED ROCK													