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 EB1-B	**NORTHING** 0.00	**EASTING** 0.00	**0 HR** N/A
ALIGNMENT -L-	**BORING LOCATION** 14+58.000	**OFFSET** 16.00ft RT	**24 HR** 13.20ft
COLLAR ELEV 2666.11ft	**TOTAL DEPTH** 54.60ft	**START DATE** 10/31/02	**COMPLETION DATE** 10/31/02
DRILL MACHINE CME-550X	**DRILL METHOD** SPT CORE BORING		**HAMMER TYPE** AUTOMATIC
SURFACE WATER DEPTH	**DEPTH TO ROCK** N/A		Log EB1-B, Page 2 of 2

ELEV	DEPTH	BLOW CT 6in	6in	6in	PEN (ft)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
2611.51						BORING TERMINATED AT ELEV. 2611.51 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 B1-A	**NORTHING** 0.00	**EASTING** 0.00	**0 HR** N/A
ALIGNMENT -L-	**BORING LOCATION** 14+98.000	**OFFSET** 6.00ft LT	**24 HR** N/A
COLLAR ELEV 2653.20ft	**TOTAL DEPTH** 41.40ft	**START DATE** 12/17/02	**COMPLETION DATE** 12/17/02
DRILL MACHINE CME-550X	**DRILL METHOD** SPT CORE BORING		**HAMMER TYPE** AUTOMATIC
SURFACE WATER DEPTH 0.20ft	**DEPTH TO ROCK** N/A		Log B1-A, Page 1 of 1

ELEV	DEPTH	BLOW CT 6in	6in	6in	PEN (ft)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NO	MOI	LOG	SOIL AND ROCK DESCRIPTION
2653.40						Surface Water				
	1.20	0	3	9	1.0	12				ALLUVIAL SLI. ORGANIC SANDY SILT W/ GRAVEL
2650.00										
	6.20	2	3	4	1.0	7				ALLUVIAL SAND & GRAVEL
	11.20	1	2	4	1.0	6				SAPROLITE: WHITE-BROWN-GREY SILTY SAND
2640.00										
	16.20	3	8	20	1.0	28				
	21.20	52	53	38	1.0	91				
2630.00										
	26.20	19	27	33	1.0	60				
	31.20	50			0.3	50				
2620.00										WEATHERED ROCK
	36.20	50			0.1	50				
2611.80	41.20	50			0.2	50				
						BORING TERMINATED AT ELEV. 2611.8 IN WEATHERED ROCK				