

**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG**

PROJECT NO 8.2572901		ID B-3690		COUNTY RANDOLPH		GEOLOGIST JAY K. STICKNEY							
SITE DESCRIPTION BRIDGE#163 OVER BRUSH CREEK ON SR 2641							GND WATER						
BORING NO EB1-A		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L		BORING LOCATION 16+23.000		OFFSET 9.90ft LT		24 HR N/A							
COLLAR ELEV 416.73ft		TOTAL DEPTH 11.80ft		START DATE 8/29/02		COMPLETION DATE 08/19/02							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-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
416.73													Ground Surface
	3.20	2	7	16	1.0								ROADWAY FILL
													2.5' - 8.2 RESIDUAL TAN BROWN VERY STIFF DRY CLAYEY SILT
410.00	8.20	38	48	52	0.8								8.2' - 11.8' WEATHERED ROCK. AUGER REFUSAL AT BASE
404.93													AUGER REFUSAL AT 11.8; END OF BORING

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SITE DESCRIPTION BRIDGE#163 OVER BRUSH CREEK ON SR 2641							GND WATER						
BORING NO EB1-B		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT L		BORING LOCATION 16+20.000		OFFSET 15.20ft RT		24 HR N/A							
COLLAR ELEV 416.94ft		TOTAL DEPTH 3.90ft		START DATE 8/29/02		COMPLETION DATE 08/19/02							
DRILL MACHINE CME-550			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log EB1-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
416.94													Ground Surface
	2.00	31	38	62	0.7								0-3.9' RESIDUAL, WEATHERED ROCK. AUGER REFUSAL AT BASE.
413.04													AUGER REFUSAL @ 3.9' - END OF BORING