

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 33209.1.1		ID B-3664		COUNTY HENDERSON		GEOLOGIST M.M. HAGAR							
SITE DESCRIPTION BRIDGE NO. 21 ON SR-1528 OVER MUD CREEK							GND WATER						
BORING NO B1-A		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT -L-		BORING LOCATION 20+62.000		OFFSET 12.00ft LT		24 HR N/A							
COLLAR ELEV 2058.71ft		TOTAL DEPTH 24.95ft		START DATE 11/22/04		COMPLETION DATE 11/22/04							
DRILL MACHINE CME-45 TRACK			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC							
SURFACE WATER DEPTH			DEPTH TO ROCK N/A			Log B1-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
2058.71													
	4.70	1	1	1	1.0	2					W	ALLUVIUM: GRAY-TAN SILTY FINE-COARSE SAND	
2050.00	9.70	6	7	8	1.0	15						ALLUVIAL SAND & GRAVEL	
		31	40	60	0.9						M	SAPROLITE: GRAY-WHITE SLI. MICACEOUS SILT	
2040.00	19.70	11	19	71	0.9							WEATHERED ROCK	
2033.76	24.70	100			0.3								
BORING TERMINATED AT ELEV. 2033.8 IN WEATHERED ROCK													

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SITE DESCRIPTION BRIDGE NO. 21 ON SR-1528 OVER MUD CREEK							GND WATER						
BORING NO B1-B		NORTHING 0.00		EASTING 0.00		0 HR N/A							
ALIGNMENT -L-		BORING LOCATION 20+55.000		OFFSET 16.00ft RT		24 HR N/A							
COLLAR ELEV 2063.18ft		TOTAL DEPTH 39.20ft		START DATE 11/17/04		COMPLETION DATE 11/18/04							
DRILL MACHINE CME-45 TRACK			DRILL METHOD H.S. AUGERS			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
2063.18													
2060.00	3.10	1	1	1	1.0	2							ALLUVIUM: BROWN SILTY FINE SAND
2050.00	8.10	1	2	1	1.0	3					SAT		ALLUVIUM: GRAY FINE-COARSE SAND
2050.00	13.10	1	3	2	1.0	5							ALLUVIAL SAND & GRAVEL
	18.10	6	8	12	1.0	20					SS-9	M	SAPROLITE: GRAY-WHITE SLI. MICACEOUS FINE SANDY SILT
2040.00	23.10	10	18	20	1.0	38							SAPROLITE: GRAY-WHITE SILTY SAND
	28.10	8	26	57	1.0	83							SAPROLITE: GRAY-WHITE SLI. MICACEOUS FINE SANDY SILT
2030.00	33.90	19	100		0.4	100							WEATHERED ROCK
2023.98	38.90	100			0.3								
BORING TERMINATED AT ELEV. 2024 IN WEATHERED ROCK													