

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 33304.1.1		ID B-3857		COUNTY HENDERSON		GEOLOGIST D.O. CHEEK								
SITE DESCRIPTION BRIDGE NO. 8 OVER BOYLSTON CREEK ON SR-1314							GND WATER							
BORING NO EB1-C		NORTHING 0.00		EASTING 0.00		0 HR 7.50ft								
ALIGNMENT -L-		BORING LOCATION 16+00.000		OFFSET 0.00ft		24 HR 7.50ft								
COLLAR ELEV 2060.20ft		TOTAL DEPTH 23.54ft		START DATE 5/07/04		COMPLETION DATE 05/07/04								
DRILL MACHINE CME-45			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK 22.70ft			Log EB1-C, 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				
2060.20														Ground Surface
	3.50	2	2	2	1.0									ALLUVIUM: RED-BROWN-TAN SILTY SAND WITH GRAVEL
	8.50	0	1	8	1.0									ALLUVIUM: BLACK-GRAY MICACEOUS CLAYEY SILT
2050.00	13.50	75	25		0.6									ALLUVIAL GRAVEL AND COBBLES
	18.50	70	30		0.5									SAPROLITE: TAN-GRAY SANDY SILTY CLAY WITH ROCK FRAGMENTS
2040.00	23.50	60			0.0									WEATHERED ROCK
2036.66														HARD ROCK
														BORING TERMINATED IN HARD ROCK AT ELEV. 2036.66 FT.

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SITE DESCRIPTION BRIDGE NO. 8 OVER BOYLSTON CREEK ON SR-1314							GND WATER							
BORING NO EB2-C		NORTHING 0.00		EASTING 0.00		0 HR 5.10ft								
ALIGNMENT -L-		BORING LOCATION 17+10.000		OFFSET 0.00ft		24 HR 5.10ft								
COLLAR ELEV 2058.90ft		TOTAL DEPTH 22.90ft		START DATE 5/06/04		COMPLETION DATE 05/06/04								
DRILL MACHINE CME-45			DRILL METHOD H.S. AUGERS			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK 22.90ft			Log EB2-C, 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				
2058.90	0.00	5	5	6	1.0									Ground Surface
	3.20	0	1	0	1.0									ALLUVIUM: RED-BROWN SILTY SAND
	8.20	5	9	24	1.0									ALLUVIUM: GRAY-BLACK MICACEOUS CLAYEY SILT
2050.00	13.20	21	100		0.9									ALLUVIAL GRAVEL & COBBLES
	18.20	28	100		1.0									SAPROLITE: TAN-GRAY SANDY SILTY CLAY WITH ROCK FRAGMENTS
2040.00														WEATHERED ROCK
2036.00														BORING TERMINATED ON HARD ROCK AT ELEV. 2036.0 FT.