NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33664.1.1	**ID.** B-4327	**COUNTY** WILSON	**GEOLOGIST** N. D. MOHS
SITE DESCRIPTION BRIDGE NO. 52 ON -L- (SR 1131) OVER TURKEY CREEK			**GROUND WATER**
BORING NO. EBI-A	**BORING LOCATION** 23+15	**OFFSET** 7' LT	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEVATION 147.5'	**NORTHING** 725656.7	**EASTING** 2248185.0		**24 HR.** N/A
TOTAL DEPTH 43.5'	**DRILL MACHINE** CME-550	**DRILL METHOD** N-CAS./WASH BOR.	**HAMMER TYPE** AUTOMATIC
START DATE 09/09/04	**COMPLETION DATE** 09/09/04	**SURFACE WATER DEPTH** 1.0'	**DEPTH TO ROCK** N/A

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	▼ MOI.	LOG	SOIL AND ROCK DESCRIPTION
150.0										
145.0	2.0	WOH	1	2	1.0	X 3		W		ALLUVIAL, TAN-BROWN AND GRAY, SANDY SILT
140.0	7.0	WOH	WOH	1	1.0	X 1		W		
135.0	12.0	19	12	10	1.0	X 22		M		RESIDUAL, TAN-BROWN AND GRAY-BROWN, MICACEOUS, SAPROLITIC, SILTY CLAY
130.0	17.0	12	12	13	1.0	X 25		M		
125.0	22.0	4	8	10	1.0	X 18		M		
120.0	27.0	10	8	8	1.0	X 16		M		
115.0	32.0	25	46	54	0.8	100 X				WEATHERED ROCK (GRANITE)
110.0	37.0	26	50	50	1.0	100 X				
105.0	42.0	20	28	27	1.0	X 55		M		RESIDUAL, GRAY-BROWN, SAPROLITIC, SILTY CLAY
100.0						BORING TERMINATED AT ELEVATION 104.0 FEET IN SAPROLITIC, SILTY CLAY				
95.0										
90.0										
85.0										
80.0										
75.0										
70.0										

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SITE DESCRIPTION BRIDGE NO. 52 ON -L- (SR 1131) OVER TURKEY CREEK			**GROUND WATER**
BORING NO. EBI-B	**BORING LOCATION** 23+15	**OFFSET** 8' RT.	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEVATION 147.6'	**NORTHING** 725642.0	**EASTING** 2248188.0		**24 HR.** N/A
TOTAL DEPTH 29.2'	**DRILL MACHINE** CME-550	**DRILL METHOD** N-CAS./WASH BOR.	**HAMMER TYPE** AUTOMATIC
START DATE 09/08/04	**COMPLETION DATE** 09/09/04	**SURFACE WATER DEPTH** 1.0'	**DEPTH TO ROCK** N/A

ELEV.	DEPTH (FT.)	BLOW COUNT 0.5'	0.5'	0.5'	PEN. (FT.)	BLOWS PER FOOT 0 25 50 75 100	SAMPLE NUMBER	▼ MOI.	LOG	SOIL AND ROCK DESCRIPTION
150.0										
145.0	2.7	WOH	WOH	WOH	1.0	X WOH	SS-11	W		ALLUVIAL, TAN-GRAY AND TAN-BROWN, SANDY SILT
140.0	7.7	3	6	10	1.0	X 16	SS-12	W		
135.0	12.7	6	9	11	1.0	X 20	SS-13	W		RESIDUAL, TAN-BROWN AND GRAY-BROWN, MICACEOUS, SAPROLITIC, SILTY CLAY
130.0	17.7	12	36	34	1.0	X 70		W		
125.0	22.7	8	12	15	1.0	X 27	SS-14	W		
120.0	27.7	10	34	56	1.0	90 X		W		
115.0						BORING TERMINATED AT ELEVATION 118.4 FEET IN SAPROLITIC, SILTY CLAY				
110.0										
105.0										
100.0										
95.0										
90.0										
85.0										
80.0										
75.0										
70.0										