

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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SHEET 8

PROJECT NO. 33664.1.1		ID. B-4327		COUNTY WILSON		GEOLOGIST N. D. MOHS		GROUND WATER	
SITE DESCRIPTION BRIDGE NO. 52 ON -L- (SR 1131) OVER TURKEY CREEK								0 HR. N/A	
BORING NO. EB2-A		BORING LOCATION 24+50		OFFSET 16' LT		ALIGNMENT -L-		24 HR. 6.9'	
COLLAR ELEVATION 153.8'		NORTHING 725692.9		EASTING 2248315.4		TOTAL DEPTH 49.0'		DRILL MACHINE CME-45B	
DRILL METHOD ROTARY-MUD		HAMMER TYPE AUTOMATIC		SURFACE WATER DEPTH N/A		DEPTH TO ROCK 49.0'		COMPLETION DATE 07/18/02	
ELEV.	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION		
		0.5' 0.5' 0.5'		0 25 50 75 100					
153.8	0.0	2	4	4	1.0	X 8	SS-1	M	ROADWAY EMBANKMENT, RED-BROWN, SILTY CLAY
150.0	4.0	2	2	2	1.0	X 4		M	
145.0	8.6	2	2	3	1.0	X 5	SS-2	M	ALLUVIAL, TAN-BROWN-GRAY, SANDY CLAY
140.0	13.6	2	2	4	1.0	X 6		M	
135.0	18.6	8	8	15	1.0	X 23	SS-3	M	RESIDUAL, GRAY, COARSE SAND
130.0	23.6	9	9	11	1.0	X 20		M	
125.0	28.6	14	15	17	1.0	X 32	SS-4	M	GRAY-BROWN, SANDY CLAY
120.0	33.6	14	16	18	1.0	X 34		M	
115.0	38.6	28	40	60	0.9	100		M	WEATHERED ROCK (GRANITE)
110.0	43.6	35	36	44	1.0	X 80	SS-5	M	RESIDUAL, GRAY-BROWN, SILTY SAND
105.0	48.6	100			0.4	100+		M	WEATHERED ROCK (GRANITE)
							TRICONE BIT REFUSAL AT ELEVATION 104.8 FEET ON CRYSTALLINE ROCK (GRANITE)		

PROJECT NO. 33664.1.1		ID. B-4327		COUNTY WILSON		GEOLOGIST N. D. MOHS		GROUND WATER	
SITE DESCRIPTION BRIDGE NO. 52 ON -L- (SR 1131) OVER TURKEY CREEK								0 HR. N/A	
BORING NO. EB2-B		BORING LOCATION 24+45		OFFSET 14' RT.		ALIGNMENT -L-		24 HR. 13.8'	
COLLAR ELEVATION 153.6'		NORTHING 725657.5		EASTING 2248317.5		TOTAL DEPTH 45.3'		DRILL MACHINE CME-550	
DRILL METHOD N-CAS./WASH BOR.		HAMMER TYPE AUTOMATIC		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A		COMPLETION DATE 09/08/04	
ELEV.	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT	SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION		
		0.5' 0.5' 0.5'		0 25 50 75 100					
153.6									
150.0	3.8	1	1	1	1.0	X 2		M	ROADWAY EMBANKMENT, RED-BROWN, SILTY CLAY
145.0	8.8	1	1	2	1.0	X 3		SS-6	ALLUVIAL, TAN-BROWN, SANDY CLAY
140.0	13.8	2	3	4	1.0	X 7		SS-7	TAN-GRAY, SANDY SILT
135.0	18.8	6	10	8	1.0	X 18		SS-8	RESIDUAL, TAN-GRAY-BROWN, SILTY SAND
130.0	23.8	5	10	10	1.0	X 20		SS-9	
125.0	28.8	3	5	10	1.0	X 15		M	
120.0	33.8	16	26	31	1.0	X 57		SS-10	GRAY-TAN AND GRAY-BROWN, MICACEOUS, SAPROLITIC, SILTY CLAY
115.0	38.8	7	10	11	1.0	X 21		M	
110.0	43.8	21	36	35	1.0	X 71		M	
105.0							BORING TERMINATED AT ELEVATION 108.3 FEET IN SAPROLITIC, SILTY CLAY		