

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO.	8.2281301	ID.	B-4270	COUNTY	SAMPSON	GEOLOGIST	K. B. QUICK			
SITE DESCRIPTION							BRIDGE NO. 93 ON SR 1240 OVER LITTLE COHARIE CREEK			
GROUND WATER										
BORING NO.	B2-B	BORING LOCATION	14+60	OFFSET	6.0' RT.	ALIGNMENT	-L-			
0 HR. N.M.										
COLLAR ELEVATION							78.4'			
NORTHING			EASTING				24 HR. N.M.			
TOTAL DEPTH	67.3'	DRILL MACHINE	CME-45B	DRILL METHOD	ROTARY W/MUD	HAMMER TYPE	AUTOMATIC			
START DATE	4/1/03	COMPLETION DATE	4/2/03	SURFACE WATER DEPTH				0.0		
ELEV.	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0.5' 1.0' 1.5'	0	25	50	75	100			
78.4	2.0	WOH	WOH	WOH	1	X 0				BROWN SLIGHTLY ORGANIC CLAYEY SANDY SILT, WET (ALLUVIUM)
75.0	7.0	4	8	7	1	X 15				
70.0	10.8	12	91	9	0.6			100+X	SS-15	GRAY BROWN FINE TO COARSE SAND, SAT.
65.0	15.8	96	4		0.6			100+X		GRAY AND BROWN FINE TO COARSE SAND, SAT. (BLACK CREEK FORMATION)
60.0	20.8	100			0.5			100+X		
55.0	25.8	60	100		0.7			100+X		
45.0	30.8	18	50	50	0.9			100+X	SS-16	
40.0	35.8	7	10	15	1	X 25				
35.0	40.8	17	30	26	1	X 56				
30.0	45.8	6	9	12	1	X 21			SS-17	DARK GRAY SILTY CLAY, WET
25.0	50.8	12	16	19	1	X 35				
20.0	55.8	12	18	20	1	X 38				
15.0	60.8	7	10	13	1	X 23			SS-18	
10.0	65.8	11	20	24	1	X 44				
5.0										BORING TERMINATED AT ELEV. 11.1 FEET IN HARD SILTY CLAY

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PROJECT NO.	8.2281301	ID.	B-4270	COUNTY	SAMPSON	GEOLOGIST	K. B. QUICK			
SITE DESCRIPTION							BRIDGE NO. 93 ON SR 1240 OVER LITTLE COHARIE CREEK			
GROUND WATER										
BORING NO.	B3-A	BORING LOCATION	15+13	OFFSET	6.0' LT.	ALIGNMENT	-L-			
0 HR. N.M.										
COLLAR ELEVATION							77.1'			
NORTHING			EASTING				24 HR. N.M.			
TOTAL DEPTH	66.0'	DRILL MACHINE	CME-45B	DRILL METHOD	ROTARY W/MUD	HAMMER TYPE	AUTOMATIC			
START DATE	3/31/03	COMPLETION DATE	4/1/03	SURFACE WATER DEPTH				1.3'		
ELEV.	DEPTH (FT.)	BLOW COUNT	PEN. (FT.)	BLOWS PER FOOT				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		0.5' 1.0' 1.5'	0	25	50	75	100			
77.1	0.0	WOH	WOH	WOH	1	X 0				
75.0	5.7	1	1	9	1	X 10			SS-9	BROWN SLIGHTLY ORGANIC CLAYEY FINE SANDY SILT, WET (ALLUVIUM)
70.0	9.5	4	8	11	1	X 19			SS-10	GRAY FINE TO COARSE SAND, SAT.
65.0	14.5	6	10	14	1	X 24				
60.0	19.5	68	100		0.9			100+X		GRAY FINE TO COARSE SAND, SAT. (BLACK CREEK FORMATION)
55.0	24.5	39	70	30	0.7			100+X	SS-11	
50.0	29.5	8	14	17	1	X 31			SS-12	
45.0	34.5	10	13	16	1	X 29				
40.0	39.5	25	59	41	0.8			100+X		
35.0	44.5	7	11	15	1	X 26			SS-13	DARK GRAY SILTY CLAY, WET
30.0	49.5	13	28	27	1	X 55				
25.0	54.5	10	12	16	1	X 28				
20.0	59.5	10	14	17	1	X 31			SS-14	
15.0	64.5	9	15	17	1	X 32				
10.0										BORING TERMINATED AT ELEV. 11.1 FEET IN HARD SILTY CLAY
5.0										