NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33591.1.1	**ID.** B-4248	**COUNTY** ROBESON	**GEOLOGIST** S. P. BROWN
SITE DESCRIPTION BRIDGE NO. 170 ON -L- (SR 1101) OVER SHOE HEEL CREEK			**GROUND WATER**
BORING NO. EB1-B	**BORING LOCATION** 16+05	**OFFSET** 1' RT	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEVATION 126.2'	**NORTHING** 304734	**EASTING** 1888001	**24 HR.** 6.6'
TOTAL DEPTH 63.4'	**DRILL MACHINE** CME-550	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** AUTOMATIC
START DATE 3/1/04	**COMPLETION DATE** 3/1/04	**SURFACE WATER DEPTH** N/A	**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
126.2										
125.0	1.9	1	2	1	1.0	X 3	SS-1	M		ROADWAY EMBANKMENT, BROWN, SILTY SAND
120.0	6.9	1	1	1	1.0	X 2	SS-2	▼ W		ALLUVIAL, LIGHT GRAY SAND
115.0	11.9	4	8	10	1.0	X 18		W		
110.0	16.9	4	5	13	1.0	X 18		W		
105.0	21.9	3	4	6	1.0	X 10	SS-3	W		COASTAL PLAIN, GRAY, SLIGHTLY PLASTIC, SANDY CLAY
100.0	26.9	2	4	6	1.0	X 10	SS-4	W		GRAY AND PURPLE, HIGHLY PLASTIC, SILTY CLAY
95.0	31.9	4	5	10	1.0	X 15		W		
90.0	36.9	5	8	11	1.0	X 19	SS-5	W		GRAY, HIGHLY PLASTIC, CLAYEY SAND
85.0	41.9	5	9	12	1.0	X 21		W		GRAY AND PURPLE, HIGHLY PLASTIC, SILTY CLAY
80.0	46.9	7	12	19	1.0	X 31		W		
75.0	51.9	6	11	14	1.0	X 25		W		
70.0	56.9	6	10	13	1.0	X 23	SS-6	W		
										GRAY, SLIGHTLY PLASTIC, SANDY CLAY
65.0	61.9	5	9	13	1.0	X 22		W		GRAY, HIGHLY PLASTIC, CLAYEY SAND
60.0						BORING TERMINATED AT ELEVATION 62.8 FEET IN CLAYEY SAND				
55.0										
50.0										

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33591.1.1	**ID.** B-4248	**COUNTY** ROBESON	**GEOLOGIST** S. P. BROWN
SITE DESCRIPTION BRIDGE NO. 170 ON -L- (SR 1101) OVER SHOE HEEL CREEK			**GROUND WATER**
BORING NO. B1-A	**BORING LOCATION** 16+34	**OFFSET** 12' LT	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEVATION 120.1'	**NORTHING** 304737	**EASTING** 1888033	**24 HR.** 0.1'
TOTAL DEPTH 66.3'	**DRILL MACHINE** CME-550	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** AUTOMATIC
START DATE 3/4/04	**COMPLETION DATE** 3/4/04	**SURFACE WATER DEPTH** N/A	**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
120.1								▼		
	1.8	1	1	0	1.0	X 1		W		ALLUVIAL, LIGHT BROWN AND LIGHT GRAY SAND, WITH TIMBERS
115.0										
110.0	9.8	1	1	2	1.0	X 3		W		
105.0	14.8	3	2	3	1.0	X 5		W		COASTAL PLAIN, GRAY, SLIGHTLY TO MODERATELY PLASTIC, SANDY CLAY
100.0	19.8	1	2	4	1.0	X 6		W		GRAY AND PURPLE, HIGHLY PLASTIC, SILTY CLAY
95.0	24.8	3	5	9	1.0	X 14	SS-15	W		GRAY AND PURPLE, HIGHLY PLASTIC, SANDY CLAY
90.0	29.8	5	8	10	1.0	X 18		W		GRAY, HIGHLY PLASTIC, SILTY CLAY
85.0	34.8	6	8	9	1.0	X 17		W		GRAY, HIGHLY PLASTIC, CLAYEY SAND
80.0	39.8	5	6	11	1.0	X 17		W		
75.0	44.8	5	8	12	1.0	X 20		W		GRAY AND PURPLE, HIGHLY PLASTIC, SILTY CLAY
70.0	49.8	6	10	13	1.0	X 23	SS-16	W		GRAY, MODERATELY PLASTIC, SANDY CLAY
65.0	54.8	8	13	21	1.0	X 34		W		
60.0	59.8	8	13	20	1.0	X 33	SS-17	W		GRAY, HIGHLY PLASTIC, SILTY CLAY
55.0	64.8	5	7	12	1.0	X 19		W		GRAY, HIGHLY PLASTIC, CLAYEY SAND
						BORING TERMINATED AT ELEVATION 53.8 FEET IN CLAYEY SAND				
50.0										
45.0										