NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33312.1.1	**ID.** B-3866	**COUNTY** LENOIR/GREENE	**GEOLOGIST** J.T. COLLINS
SITE DESCRIPTION BRIDGE NO. 59 OVER WHEAT SWAMP CREEK ON NC 58			**GROUND WATER**
BORING NO. EB1-A	**BORING LOCATION** 18+80	**OFFSET** 22.0' LT	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEVATION 55.3'	**NORTHING** 2413997.3	**EASTING** 595581.8	**24 HR.** 4.5'
TOTAL DEPTH 55.3'	**DRILL MACHINE** MOBILE B-47	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** MANUAL
START DATE 6/19/03	**COMPLETION DATE** 6/20/03	**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
55.3 / 55.0	0.0	1	4	4	1.0	8				TAN-BROWN, FINE TO COARSE SAND, MOIST (ROADWAY EMBANKMENT)
	3.8	1	1	1	1.0	2	SS-1	▼		GRAY FINE TO COARSE SAND, SATURATED (ALLUVIUM)
	8.8	2	2	2	1.0	4	SS-2			
	13.8	4	3	4	1.0	7				
	18.8	1	4	3	1.0	7				
	23.8	1	1	2	1.0	3	SS-3			GREEN PHOSPHATIC FINE TO COARSE SAND, SATURATED (PEEDEE FORMATION)
	28.8	10	12	13	1.0	25	SS-4			
	33.8	11	22	30	1.0	52				
	38.8	35	65		0.6	100+				
	43.8	17	18	23	1.0	41	SS-5			
	48.8	9	32	49	1.0	81				
	53.8	32	57	43	1.0	100	SS-6			

BORING TERMINATED AT ELEVATION 0.0 FEET IN VERY DENSE FINE TO COARSE SAND.

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GEOTECHNICAL UNIT BORING LOG

SHEET 6

PROJECT NO. 33312.1.1	**ID.** B-3866	**COUNTY** LENOIR/GREENE	**GEOLOGIST** F.M. WESCOTT, III
SITE DESCRIPTION BRIDGE NO. 59 OVER WHEAT SWAMP CREEK ON NC 58			**GROUND WATER**
BORING NO. EB2-B	**BORING LOCATION** 19+59	**OFFSET** 19.0' RT	**ALIGNMENT** -L-	**0 HR.** N/A
COLLAR ELEVATION 56'.0	**NORTHING** 2414021.9	**EASTING** 595581.8	**24 HR.** 4.1'
TOTAL DEPTH 67.7'	**DRILL MACHINE** CME-45C	**DRILL METHOD** ROTARY W/MUD	**HAMMER TYPE** AUTOMATIC
START DATE 9/16/04	**COMPLETION DATE** 9/16/04	**SURFACE WATER DEPTH**	**DEPTH TO ROCK**

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
56.0 / 55.0	0.0	1	2	2	1.0	4	SS-7			GRAY BROWN FINE TO COARSE SAND, MOIST (ROADWAY EMBANKMENT)
	4.0	2	1	1	1.0	2		▼		GRAY SAND, SATURATED (ALLUVIUM)
	7.0	2	1	1	1.0	2	SS-8			
	12.0	WOH	1	3	1.0	4				
	17.0	3	4	6	1.0	10	SS-9			
	22.0	8	11	11	1.0	22				
	27.0	WOH	1	1	1.0	2	SS-10			GREEN PHOSPHATIC FINE TO COARSE SAND, SATURATED (PEEDEE FORMATION)
	32.0	1	1	1	1.0	2				
	37.0	WOH	WOH	3	1.0	3	SS-11			
	42.0	18	23	21	1.0	44				
	47.0	17	16	20	1.0	36	SS-12			
	52.0	10	15	21	1.0	36				
	57.0	17	37	49	1.0	86				
	62.0	31	45	43	1.0	88	SS-13			
	67.0	75	25		0.7	100+				

BORING TERMINATED AT ELEVATION -11.7 FEET IN VERY DENSE FINE TO COARSE SAND.