

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

PROJECT NO. 8.2261301	ID. B-3884	COUNTY ONSLOW	GEOLOGIST K.B. MILLER											
SITE DESCRIPTION BRIDGE NO. 40 ON SR 1308 OVER SQUIRES RUN			GROUND WATER											
BORING NO. B2-A	BORING LOCATION 15+21	OFFSET 8.0' LT.	ALIGNMENT -L-											
COLLAR ELEVATION 15.2'	NORTHING 0.00	EASTING 0.00	0 HR. N.M. 24 HR. N.M.											
TOTAL DEPTH 54.5'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC											
START DATE 12/18/02	COMPLETION DATE 12/18/02	SURFACE WATER DEPTH 2.2'												
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
15.2	0.0	2	4	6	1									
10.0	4.4	5	5	7	1								SS-10	TAN FINE SAND, SAT. (ALLUVIUM)
5.0	8.0	8	10	11	1									
0.0	13.0	6	9	12	1									
-5.0	18.0	5	4	5	1									
-10.0	23.0	5	24	36	1								SS-11	
-15.0	28.0	11	12	32	1									GREEN-GRAY FINE SAND, SAT. (PEEDEE FORMATION)
-20.0	33.0	8	10	14	1									
-25.0	38.0	11	14	15	1								SS-12	
-30.0	43.0	8	10	14	1									
-35.0	48.0	5	6	7	1									
-40.0	53.0	4	6	9	1								SS-13	GREEN-GRAY SILTY SANDY CLAY, WET
BORING TERMINATED AT ELEV. -39.3' IN STIFF SILTY SANDY CLAY														

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PROJECT NO. 8.2261301	ID. B-3884	COUNTY ONSLOW	GEOLOGIST K.B. MILLER											
SITE DESCRIPTION BRIDGE NO. 40 ON SR 1308 OVER SQUIRES RUN			GROUND WATER											
BORING NO. EB2-B	BORING LOCATION 15+63	OFFSET 16.0' RT.	ALIGNMENT -L-											
COLLAR ELEVATION 24.8'	NORTHING 0.00	EASTING 0.00	0 HR. N.M. 24 HR. 5.5'											
TOTAL DEPTH 59.5'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC											
START DATE 12/16/02	COMPLETION DATE 12/16/02	SURFACE WATER DEPTH												
ELEV. (FT.)	DEPTH (FT.)	BLOW COUNT			PEN. (FT.)	BLOWS PER FOOT					SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		0.5'	0.5'	0.5'		0	25	50	75	100				
24.8	0.0	1	3	2	1									
20.0	4.2	2	2	3	1								SS-1	TAN-BROWN FINE TO COARSE SAND, MOI. (FILL)
15.0	8.0	2	4	4	1								SS-2	TAN FINE SAND, MOI. TO SAT. (ALLUVIUM)
10.0	13.0	5	7	11	1									
5.0	18.0	9	12	13	1									
0.0	23.0	8	12	15	1								SS-3	
-5.0	28.0	4	6	5	1									
-10.0	33.0	8	13	15	1									GREEN-GRAY FINE SAND, SAT. (PEEDEE FORMATION)
-15.0	38.0	28	39	22	1								SS-4	
-20.0	43.0	6	8	11	1									
-25.0	48.0	7	9	11	1									
-30.0	53.0	6	9	12	1								SS-5	
-35.0	58.0	6	6	7	1									
BORING TERMINATED AT ELEV. -34.7' IN MEDIUM DENSE FINE SAND														