

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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(9)

PROJECT NO. 8.2261201		ID. B-3682		COUNTY ONSLOW		GEOLOGIST R. L. EDWARDS								
SITE DESCRIPTION BRIDGE NO. 3 ON SR 1423 OVER LITTLE NORTHEAST CREEK							GROUND WATER							
BORING NO. B4-B		BORING LOCATION 28+55		OFFSET 18.0' RT.		ALIGNMENT -L-								
COLLAR ELEVATION 8.9		NORTHING		EASTING		0 HR. N.M.								
TOTAL DEPTH 59.5'		DRILL MACHINE CME-45B		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC								
START DATE 10/17/02		COMPLETION DATE 10/18/02		SURFACE WATER DEPTH N/A										
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				
8.9	0.0	1	2	3	1									
5.0	3.7	2	3	3	1									BROWN TO GRAY FINE TO COARSE SAND WITH WOOD FRAGMENTS, MOI. TO SAT. (ALLUVIUM)
0.0	8.2	1	2	2	1									
-5.0	13.2	3	4	5	1									GREEN GRAY FINE TO COARSE SAND WITH GRAVEL LAYERS, SAT (RIVER BEND FORMATION)
-10.0	18.2	9	13	17	1									
-15.0	23.2	7	9	10	1									
-20.0	28.2	21	23	72	1					95 X				LIGHT GRAY WEATHERED MOLDIC LIMESTONE AND SANDSTONE, SAT.
-25.0	33.2	28	35	31	1									GRAY FINE TO COARSE SAND WITH TRACE OF SHELL FRAGMENTS, SAT.
-30.0	38.2	26	39	33	1									
-35.0	43.2	23	37	48	1									GRAY FINE SAND WITH SOME INDURATED LAYERS, SAT.
-40.0	48.2	26	45	55	0.8									
-45.0	53.2	36	53	47	0.7									
-50.0	58.2	30	43	57	0.8									
BORING TERMINATED AT ELEV. -50.6' FEET IN VERY DENSE FINE SAND														

PROJECT NO. 8.2261201		ID. B-3682		COUNTY ONSLOW		GEOLOGIST K. B. MILLER								
SITE DESCRIPTION BRIDGE NO. 3 ON SR 1423 OVER LITTLE NORTHEAST CREEK							GROUND WATER							
BORING NO. EB2-A		BORING LOCATION 28+85		OFFSET 18.0' LT.		ALIGNMENT -L-								
COLLAR ELEVATION 16.5'		NORTHING		EASTING		0 HR. N.M.								
TOTAL DEPTH 59.2'		DRILL MACHINE MOBILE B-47		DRILL METHOD ROTARY W/MUD		HAMMER TYPE MANUAL								
START DATE 9/25/02		COMPLETION DATE 9/25/02		SURFACE WATER DEPTH N/A										
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				
16.5	0.0	3	4	4	1									
15.0	3.8	3	2	2	1									BROWN FINE TO COARSE SAND, MOI. (FILL)
10.0	8.5	5	10	8	1									GRAY FINE SAND, MOI. TO SAT. (ALLUVIUM)
5.0	13.5	2	3	3	1									
0.0	18.5	5	2	6	1									
-5.0	23.5	3	6	7	1									GRAY FINE TO COARSE SAND, SAT. (RIVER BEND FORMATION)
-10.0	28.5	14	19	21	1									
-15.0	33.5	6	10	60	1									GRAY WEATHERED MOLDIC LIMESTONE AND SANDSTONE, SAT.
-20.0	38.5	17	12	27	1									
-25.0	43.5	17	28	34	1									GRAY FINE SAND WITH SOME SHELL FRAGMENTS, SAT.
-30.0	48.5	31	73	27	0.7									
-35.0	53.5	40	60		0.8									
-40.0	58.5	65	35		0.7									
BORING TERMINATED AT ELEV. -42.7 FEET IN VERY DENSE FINE SAND														