

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

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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. B2-B		BORING LOCATION 27+70		OFFSET 18.0' RT.		ALIGNMENT -L-					
COLLAR ELEVATION 7.0'		NORTHING		EASTING		0 HR. N.M.					
TOTAL DEPTH 51.8'		DRILL MACHINE CME-45C		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC					
START DATE 10/7/02		COMPLETION DATE 10/8/02		SURFACE WATER DEPTH N/A							
ELEV. (FT.)	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				
7.0											
5.0											
-0.0	6.2	4	2	4	1				X 6	SS-21	TAN FINE SAND, MOI. TO SAT. (ALLUVIUM)
-5.0	10.9	3	5	3	1				X 8		
-10.0	15.9	7	8	12	1				X 20	SS-22	GRAY FINE SAND, SAT. (RIVER BEND FORMATION)
-15.0	20.9	9	10	9	1				X 19		
-20.0	25.9	50			0.1				100+ X		GRAY FOSSILIFEROUS MOLDIC LIMESTONE, SAT.
-25.0	30.9	27	39	61	0.9				100+ X	SS-23	
-30.0	35.9	14	18	27	1				X 45	SS-24	GRAY FINE SAND WITH INDURATED LAYERS AND TRACE OF SHELL FRAGMENTS, SAT.
-35.0	40.9	28	47	53	0.8				100+ X		
-40.0	45.9	23	44	56	0.9				100+ X		
-45.0	50.9	46	54		0.9				100+ X	SS-25	
BORING TERMINATED AT ELEV. -44.8 FEET IN VERY DENSE FINE TO COARSE SAND											

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SITE DESCRIPTION BRIDGE NO. 3 ON SR 1423 OVER LITTLE NORTHEAST CREEK							GROUND WATER				
BORING NO. B3-A		BORING LOCATION 28+20		OFFSET 16.0' LT.		ALIGNMENT -L-					
COLLAR ELEVATION 11.7'		NORTHING		EASTING		0 HR. N.M.					
TOTAL DEPTH 57.3'		DRILL MACHINE CME-45C		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC					
START DATE 10/8/02		COMPLETION DATE 10/9/02		SURFACE WATER DEPTH N/A							
ELEV. (FT.)	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				
11.7											
10.0											
5.0	6.4	1	1	1	1				X 2		GRAY TO TAN SILTY FINE SAND, MOI. TO SAT. (ALLUVIUM)
-0.0	11.1	3	4	3	1				X 7	SS-26	
-5.0	16.1	3	6	10	1				X 16		
-10.0	21.1	11	16	22	1				X 38	SS-27	GRAY TO TAN FINE TO COARSE SAND, SAT. (RIVER BEND FORMATION)
-15.0	26.1	6	7	10	1				X 17		
-20.0	31.1	25	24	33	1				X 57	SS-28	GRAY FOSSILIFEROUS MOLDIC LIMESTONE, SAT.
-25.0	36.1	26	39	61	0.9				100+ X	SS-29	
-30.0	41.1	27	44	28	1				X 72		GRAY FINE SAND WITH SOME SHELL FRAGMENTS, SAT.
-35.0	46.1	27	62	38	0.6				100+ X	SS-30	
-40.0	51.1	27	52	48	0.7				100+ X		
-45.0	56.1	36	60	40	0.7				100+ X	SS-31	
BORING TERMINATED AT ELEV. -45.6 FEET IN VERY DENSE FINE SAND											