NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.2271401	ID. B-3887	COUNTY PENDER	GEOLOGIST K. B. QUICK
SITE DESCRIPTION BRIDGE NO. 116 ON SR 1520 OVER SHAKEN CREEK			GROUND WATER
BORING NO. BI-B	BORING LOCATION 15+43	OFFSET 6.0' RT.	ALIGNMENT -L-	0 HR. N.M.
COLLAR ELEVATION 4.5'	NORTHING	EASTING	24 HR. N.M.
TOTAL DEPTH 73.1'	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 8/20/03	COMPLETION DATE 8/20/03	SURFACE WATER DEPTH 2.3'	

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
4.5	0.0	WOH	WOH	WOH	1	0				
	2.4	WOH	WOH	WOH	1	0	SS-26			TAN FINE TO COARSE SAND, SAT. (ALLUVIUM)
0.0										
	6.6	2	3	4	1	7	SS-27			GRAY SILTY SANDY CLAY, WET (TERTIARY SEDIMENTS)
-5.0										
	11.6	2	4	4	1	8				
-10.0										
	16.6	5	5	6	1	11	SS-28			
-15.0										
	21.6	8	11	8	1	19	SS-29			
-20.0										
	26.6	7	7	8	1	15	SS-30			
-25.0										
	31.6	9	10	16	1	26				
-30.0										
	36.6	16	29	31	1	60	SS-31			
-35.0										
	41.6	13	16	14	1	30				
-40.0										GRAY FINE TO COARSE INDURATED SAND WITH LIMESTONE FRAGMENTS, SAT. (PEEDEE FORMATION)
	46.6	7	8	10	1	18	SS-32			
-45.0										
	51.6	8	8	23	1	31				
-50.0										
	56.6	8	9	13	1	22	SS-33			
-55.0										
	61.6	9	10	12	1	22				
-60.0										
	66.6	6	5	8	1	13	SS-34			
-65.0										
	71.6	5	7	10	1	17				
-70.0										

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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
						BORING TERMINATED AT ELEV. -68.6 FEET IN MEDIUM DENSE FINE SAND				