NCDOT GEOTECHNICAL ENGINEERING UNIT
BORELOG REPORT

WBS 38465.1.2	**TIP** B-4681	**COUNTY** WILSON	**GEOLOGIST** Gemperline, J. D.
SITE DESCRIPTION BRIDGE NO. 97 ON -L- (SR 1531) OVER LITTLE CONTENTNEA CREEK			**GROUND WTR (ft)**
BORING NO. EB1-A	**STATION** 15+85	**OFFSET** 16 ft LT	**ALIGNMENT** -L-	**0 HR.** ARTESIAN
COLLAR ELEV. 84.2 ft	**TOTAL DEPTH** 85.2 ft	**NORTHING** 695,063	**EASTING** 2,385,586	**24 HR.** N/A
DRILL RIG/HAMMER EFF./DATE GFO1042 CME-550 87% 09/03/2009		**DRILL METHOD** Mud Rotary	**HAMMER TYPE** Automatic
DRILLER Pinter, D. G.	**START DATE** 02/25/14	**COMP. DATE** 02/25/14	**SURFACE WATER DEPTH** N/A

ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 25 50 75 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION ELEV. (ft)	DEPTH (ft)
85											
	84.2	0.0	1	3	2	5				84.2 GROUND SURFACE	0.0
80	80.2	4.0	WOH	WOH	WOH	0				**ROADWAY EMBANKMENT** ORANGE BROWN SANDY CLAY, MOIST TO WET	
75	75.2	9.0	2	4	3	7				77.2 **ALLUVIAL** BROWN MODERATELY ORGANIC SAND, SAT.	7.0
70	70.5	13.7	2	5	3	8					
65	65.5	18.7	3	2	1	3				68.2 **ALLUVIAL** GRAY SANDY CLAY, WET	16.0
60	60.5	23.7	4	3	5	8				65.0 **COASTAL PLAIN** GRAY GREEN SILTY CLAY WITH SHELL FRAGMENTS, WET (YORKTOWN FORMATION)	19.2
55	55.5	28.7	WOR	WOR	WOH	0					
50	50.5	33.7	WOH	WOH	1	1					
45	45.5	38.7	9	11	10	21				42.2 **COASTAL PLAIN** LIGHT GRAY SAND, SAT. (CAPE FEAR FORMATION)	42.0
40	40.5	43.7	6	9	14	23					
35	35.5	48.7	6	14	17	31					
30	30.5	53.7	7	10	17	27					
25	25.5	58.7	11	15	28	43				22.2	62.0
20	20.5	63.7	12	20	28	48				17.2	67.0
15	15.5	68.7	6	7	8	15					
10	10.5	73.7	7	9	11	20				8.2 **COASTAL PLAIN** GREEN GRAY SILTY CLAY, WET (CAPE FEAR FORMATION)	76.0
5	5.5	78.7									

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5						Match Line				
0	0.5	83.7	8	12	15	27				**COASTAL PLAIN** GREEN GRAY SILTY CLAY, WET (CAPE FEAR FORMATION) *(continued)*
			11	14	19	33				-1.0 85.2 Boring Terminated at Elevation -1.0 ft IN HARD SILTY CLAY