

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

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PROJECT NO. 8.T311002		ID. R-2552AB		COUNTY JOHNSTON		GEOLOGIST E.C. CAMPBELL						
SITE DESCRIPTION BRIDGE ON -Y2- (NC 42) OVER -L- (US 70 BYPASS)							GROUND WATER					
BORING NO. BI-A		BORING LOCATION 18+55.5		OFFSET 11.3m LT		ALIGNMENT -Y2-						
COLLAR ELEV. 98.26m		NORTHING 208703.9		EASTING 652625.0		24 HR. 6.00m						
TOTAL DEPTH 30.14m		DRILL MACHINE CME 550		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC						
START DATE 8/20/01		COMPLETION DATE 8/20/01		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A						
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
98.26												
98.00	0.96	17	16	23	0.3					X 39		COASTAL PLAIN RED-BROWN, HIGHLY PLASTIC, CLAYEY SAND
96.00	2.00											
	2.48	5	5	7	0.3					X 12		RESIDUAL RED-BROWN, SAPROLITIC, HIGHLY PLASTIC, CLAY AND SANDY CLAY
94.00	4.00	3	3	4	0.3					X 7		S-83 ST-1 M
	5.52	2	3	4	0.3					X 7		S-84 M
92.00	7.04	2	1	2	0.3					X 3		SS-43 44.0
90.00	8.56	2	2	4	0.3					X 6		W
88.00	10.08	1	2	3	0.3					X 5		SS-44 W
	11.60	2	3	6	0.3					X 9		W
86.00	13.12	3	4	6	0.3					X 10		W
84.00	14.49	2	2	4	0.3					X 6		SS-27 W
82.00	16.01	2	3	6	0.3					X 9		SS-28 26.6
												GREEN-GRAY, SAPROLITIC.

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ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
79.00												
	20.57	11	11	9	0.3					X 20		SS-29 W
77.00	22.09	4	8	11	0.3					X 9		W
75.00	23.61	4	7	9	0.3					X 16		W
73.00	25.13	3	7	13	0.3					X 20		SS-30 W
	26.65	5	9	12	0.3					X 21		W
71.00	28.17	3	7	16	0.3					X 23		W
69.00	29.69	10	18	23	0.3					X 41		SS-31 23.9
	30.14											
67.00												
65.00												
63.00												
61.00												

BORING TERMINATED AT ELEVATION 68.12m IN SANDY SILT