

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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 SHEET 7 OF 13

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. EBI-A	BORING LOCATION 18+19.3	OFFSET 11.3m LT	ALIGNMENT -Y2-
COLLAR ELEV. 99.02m	NORTHING 208727.3	EASTING 652651.9	0 HR. N/A
TOTAL DEPTH 28.62m	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 8/21/01	COMPLETION DATE 8/21/01	SURFACE WATER DEPTH N/A	DEPTH TO ROCK N/A

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75				
99.02													COASTAL PLAIN
98.00	0.81	4	7	12	0.3								RED-BROWN AND YELLOW-BROWN, MODERATELY PLASTIC SANDY CLAY
96.00	2.33	3	10	9	0.3								RESIDUAL RED-BROWN AND YELLOW-BROWN, SAPROLITIC, HIGHLY PLASTIC CLAY
	3.30												
	3.85	2	4	4	0.3								
94.00	5.37	1	1	2	0.3								
92.00	6.89	1	2	3	0.3								RED-BROWN-PURPLE, SAPROLITIC, TRACE TO SLIGHTLY MICACEOUS, MODERATELY PLASTIC, SILTY AND SANDY CLAY
90.00	8.41	1	1	2	0.3								
	9.93	1	1	2	0.3								
88.00	11.45	1	2	4	0.3								
86.00	12.97	1	2	4	0.3								
84.00	14.49	1	3	4	0.3								DARK PURPLE-RED AND GREEN-GRAY, SAPROLITIC, TRACE TO HIGHLY MICACEOUS, SANDY SILT
	16.01	2	3	5	0.3								
82.00	17.53	2	4	4	0.3								

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START DATE 8/21/01	COMPLETION DATE 8/21/01	SURFACE WATER DEPTH N/A	DEPTH TO ROCK N/A

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75				
79.00													
	20.57	1	3	3	0.3								GREEN-GRAY AND RED-BRN, HIGHLY MICACEOUS, SAPROLITIC, SILTY SAND
77.00	22.09	2	7	12	0.3								
	23.61	2	6	8	0.3								
75.00	25.31	3	5	9	0.3								GREEN-GRAY AND YELLOW-BROWN, SAPROLITIC, TRACE TO SLIGHTLY MICACEOUS, SANDY SILT
73.00	26.65	9	18	30	0.3								
71.00	28.17	20	27	31	0.3								
	28.62												
69.00													
67.00													
65.00													
63.00													
61.00													

BORING TERMINATED AT ELEVATION 70.40m IN SANDY SILT