NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

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-B	BORING LOCATION 18+65.0	OFFSET 12.30m RT	ALIGNMENT -Y2-	0 HR. N/A
COLLAR ELEV. 98.50m	NORTHING 208715.1	EASTING 652601.9	24 HR. 6.80m
TOTAL DEPTH 28.59m	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 8/15/01	COMPLETION DATE 8/15/01	SURFACE WATER DEPTH N/A	DEPTH TO ROCK N/A

ELEV.	DEPTH	BLOW COUNT 15cm	15cm	15cm	PEN. (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
98.50										
98.00	0.78	3	2	3	0.3	5		M		COASTAL PLAIN RED-BROWN AND BROWN, MODERATELY PLASTIC, SANDY CLAY
96.00	2.30	3	4	7	0.3	11		M		
	3.30 3.82	3	4	6	0.3	10	SS-11	23.5		RESIDUAL
94.00	5.34	2	3	4	0.3	7		M		RED-BROWN, RED-PURPLE, AND ORANGE-BROWN, SAPROLITIC, SLIGHTLY TO MODERATELY PLASTIC, SANDY CLAY
92.00	6.86	1	2	2	0.3	4	SS-12	▼ 43.4		
90.00	8.38	1	1	2	0.3	3	SS-13	W		
	9.90	2	2	3	0.3	5		W		
88.00	11.42	2	3	3	0.3	6	SS-14	43.8		RED-PURPLE, GREEN-GRAY, AND ORANGE-BROWN, SAPROLITIC, TRACE TO SLIGHTLY MICACEOUS, SANDY SILT
86.00	12.94	1	2	4	0.3	6		W		
84.00	14.46	2	3	3	0.3	6		W		
	15.98	2	3	5	0.3	8		W		GREEN-GRAY, SAPROLITIC, SLI. TO HIGHLY MICACEOUS, SILTY SAND
82.00										

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SITE DESCRIPTION BRIDGE ON -Y2- (NC 42) OVER -L- (US 70 BYPASS)			GROUND WATER
BORING NO. BI-B	BORING LOCATION 18+65.0	OFFSET 12.3m RT	ALIGNMENT -Y2-	0 HR. N/A
COLLAR ELEV. 98.50m	NORTHING 208715.1	EASTING 652601.9	24 HR. 6.80m
TOTAL DEPTH 28.59m	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 8/15/01	COMPLETION DATE 8/15/01	SURFACE WATER DEPTH N/A	DEPTH TO ROCK N/A

ELEV.	DEPTH	BLOW COUNT 15cm	15cm	15cm	PEN. (m)	BLOWS PER 30cm (0 25 50 75 100)	SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
79.00										
	20.54	2	5	8	0.3	13		W		GREEN-GRAY, SAPROLITIC, SLIGHTLY MICACEOUS, MODERATELY PLASTIC, SANDY CLAY
77.00	22.06	2	5	10	0.3	15		W		
75.00	23.58	9	22	25	0.3	47		W		
	25.10	8	12	16	0.3	28	SS-16	27.3		GREEN-GRAY, SAPROLITIC, SLIGHTLY MICACEOUS, SANDY SILT
73.00	26.62	1	17	26	0.3	43		W		
71.00	28.14	15	24	36	0.3	60	SS-17	W		
	28.59					BORING TERMINATED AT ELEVATION 69.91m IN SANDY SILT				
69.00										
67.00										
65.00										
63.00										
61.00										