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. EB2-A	BORING LOCATION 18+90.1	OFFSET 11.3m LT	ALIGNMENT -Y2-	0 HR. N\A
COLLAR ELEV. 97.38m	NORTHING 208680.8	EASTING 652598.5	24 HR. 5.45m
TOTAL DEPTH 26.90m	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 8/22/01	COMPLETION DATE 8/22/01	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
97.38										
	0.8	1	5	5	0.3	10		M		COASTAL PLAIN YELLOW-BROWN AND RED-BROWN, HIGHLY PLASTIC, SANDY CLAY
96.00										
	2.32	2	3	4	0.3	7		M		
94.00										
	3.84	2	2	3	0.3	5		M		
	4.30									RESIDUAL RED-BROWN-WHITE, SLIGHTLY PLASTIC, SANDY CLAY
92.00	5.36	1	2	1	0.3	3	SS-34	▼ 40.6		
	6.88	1	2	1	0.3	3	SS-35	W		RED-BROWN, SAPROLITIC, MODERATELY PLASTIC, SILTY CLAY, W/ TRACE MICA
90.00										
	8.40	1	2	3	0.3	5		W		RED-BROWN, SAPROLITIC, SANDY SILT, WITH TRACE MICA
88.00										
	9.92	1	1	3	0.3	4		W		DARK RED-PURPLE, SAPROLITIC, SLIGHTLY MICACEOUS, SLIGHTLY PLASTIC, SANDY CLAY
86.00	11.44	2	2	4	0.3	6		W		
	12.96	2	2	4	0.3	6	SS-36	48.7		DARK RED-PURPLE, SAPROLITIC, TRACE TO SLIGHTLY MICACEOUS, SILTY SAND
84.00										
	14.48	2	3	4	0.3	7		W		
82.00										
	16.00	2	2	3	0.3	5		W		
80.00	17.52	1	3	4	0.3	7	SS-37	W		

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SITE DESCRIPTION BRIDGE ON -Y2- (NC 42) OVER -L- (US 70 BYPASS)			GROUND WATER
BORING NO. EB2-A	BORING LOCATION 18+90.1	OFFSET 11.3m LT	ALIGNMENT -Y2-	0 HR. N\A
COLLAR ELEV. 97.38m	NORTHING 208680.8	EASTING 652598.5	24 HR. 5.45m
TOTAL DEPTH 26.90m	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 8/22/01	COMPLETION DATE 8/22/01	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
77.00	20.56	2	5	7	0.3	12		W		
75.00	22.08	5	7	10	0.3	17		W		GREEN-GRAY, SAPROLITIC, SLIGHTLY MICACEOUS, SANDY SILT
	23.6	6	12	18	0.3	30	SS-38	W		
73.00										
	25.12	19	28	61	0.3	89		W		
	26.02									
71.00	26.64	38	62		0.26	100+				SOFT WEATHERED ROCK (MICA SCHIST)
	26.90					BORING TERMINATED AT ELEVATION 70.48m IN SOFT WEATHERED ROCK (MICA SCHIST)				
69.00										
67.00										
65.00										
63.00										
61.00										
59.00										