NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET OF

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-B	BORING LOCATION 19+00.4	OFFSET 12.3m RT	ALIGNMENT -Y2-	0 HR. N\A
COLLAR ELEV. 97.82m	NORTHING 208691.8	EASTING 625575.3	24 HR. 5.70m
TOTAL DEPTH 29.44m	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 8/16/01	COMPLETION DATE 8/16/01	SURFACE WATER DEPTH N\A	DEPTH TO ROCK 29.44m

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
97.82										COASTAL PLAIN
	0.88	6	9	11	0.3	X 20	SS-18	25.3		RED-BROWN AND YELLOW-BROWN, HIGHLY PLASTIC, SANDY CLAY AND CLAY, WITH MINOR GRAVEL IN UPPER PART
96.00	2.40	4	5	7	0.3	X 12	SS-19	M		
94.00	3.92	2	3	4	0.3	X 7		M		
	4.90									
	5.44	1	1	1	0.3	X 2	SS-20	▼ 52.7		RESIDUAL
92.00	6.96	WOH	1	1	0.3	X 2		W		RED-BROWN AND RED-PURPLE, SAPROLITIC, SANDY SILT, WITH TRACE MICA
90.00	8.48	1	2	2	0.3	X 4		W		
88.00	10.00	1	1	2	0.3	X 3	SS-21	51.5		RED-PURPLE, SAPROLITIC, SLIGHTLY MICACEOUS, SLIGHTLY PLASTIC, SANDY CLAY
86.00	11.52	1	2	4	0.3	X 6		W		
	13.04	3	5	8	0.3	X 13	SS-22	W		BROWN, SILTY SAND
84.00	14.56	2	2	4	0.3	X 6	SS-23	W		BROWN, SAPROLITIC, SLI. MICACEOUS, SLI. PLASTIC, SILTY CLAY
82.00	16.08	3	4	6	0.3	X 10	SS-24	37.3		
80.00	17.60	2	4	5	0.3	X 9		W		GREEN-GRAY AND RED-BROWN, SAPROLITIC, TRACE TO HIGHLY
78.00										

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SHEET 12 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. EB2-B	BORING LOCATION 19+00.4	OFFSET 12.3m RT	ALIGNMENT -Y2-	0 HR. N\A
COLLAR ELEV. 97.82m	NORTHING 208691.8	EASTING 652575.3	24 HR. 5.70m
TOTAL DEPTH 29.44m	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 8/16/01	COMPLETION DATE 8/16/01	SURFACE WATER DEPTH N\A	DEPTH TO ROCK 29.44m

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										
	22.16	3	7	9	0.3	X 16		W		
75.00	23.68	3	4	7	0.3	X 11		W		
73.00	25.20	5	9	11	0.3	X 20		W		GREEN-GRAY AND RED-BROWN, SAPROLITIC, TRACE TO HIGHLY MICACEOUS, SANDY SILT
71.00	26.72	7	8	13	0.3	X 21	SS-26	34.1		
69.00	28.24	15	25	29	0.3	X 54		W		
	29.44					TRICONE REFUSAL AT ELEVATION 68.38m ON HARD ROCK (MICA SCHIST)				SOFT WEATHERED ROCK (MICA SCHIST)
67.00										
65.00										
63.00										
61.00										
59.00										
57.00										