NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.T311002	ID. R-2552B	COUNTY JOHNSTON	GEOLOGIST GENE CAMPBELL
SITE DESCRIPTION DUAL BRIDGES ON -L- (US 70 BYPASS) OVER -Y10- (SR 1555)			GROUND WATER
BORING NO. EB2-C	BORING LOCATION 78+52.8	OFFSET CL	ALIGNMENT -L-	0 HR. NA
COLLAR ELEV. 94.95	NORTHING 207174.1	EASTING 656408.7	24 HR. 2.15
TOTAL DEPTH 16.18	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 8/9/01	COMPLETION DATE 8/9/01	SURFACE WATER DEPTH NA	DEPTH TO ROCK NA

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
94.95										
94.00	0.79	WOH	WOH	3	0.3	3	SS-17	M		**COASTAL PLAIN** TAN, SANDY CLAY
	2.31	4	10	11	0.3	21		W		TAN, LIGHT GREY, AND RED, SANDY CLAY
92.00	3.83	1	1	3	0.3	4	SS-18	28.4		
90.00	5.35	1	1	1	0.3	2	SS-19	W		RED-GREY TO YELLOW-ORANGE, COARSE SAND
88.00	6.87	1	1	2	0.3	3		W		
	8.39	WOH	1	1	0.3	2		W		LIGHT GREY, FINE SAND
86.00	9.91	1	2	2	0.3	4	SS-20	W		LIGHT GREY, COARSE SAND
84.00	11.43	4	9	15	0.3	24		W		**RESIDUAL** LIGHT GREEN-GREY, SAPROLITIC SAND, WITH TRACE MICA
82.00	12.95	30	63	37	0.20	100+				**SOFT WEATHERED ROCK** (BIOTITE GNEISS)
	14.47	100			0.14	100+				
80.00	15.99	40	60		0.19	100+				
78.00						BORING TERMINATED AT ELEVATION 78.77m IN SOFT WEATHERED ROCK (BIOTITE GNEISS)				
76.00										

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SITE DESCRIPTION DUAL BRIDGES ON -L- (US 70 BYPASS) OVER -Y10- (SR 1555)			GROUND WATER
BORING NO. EB2-B	BORING LOCATION 78+62.0	OFFSET 21.1m RT	ALIGNMENT -L-	0 HR. NA
COLLAR ELEV. 94.65	NORTHING 206876.6	EASTING 656913.6	24 HR. 1.90
TOTAL DEPTH 16.28	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 8/8/01	COMPLETION DATE 8/8/01	SURFACE WATER DEPTH NA	DEPTH TO ROCK 16.28

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
94.65										
94.00	0.81	1	2	4	0.3	6	SS-12	26.3		**COASTAL PLAIN**
	2.33	4	8	8	0.3	16	SS-13	W		TAN, LIGHT GREY, AND RED, SANDY CLAY
92.00	3.85	2	2	1	0.3	3		W		
90.00	5.37	1	1	1	0.3	2		W		LIGHT GREY SAND
88.00	6.89	1	1	1	0.3	2		W		
	8.41	1	1	1	0.3	2	SS-14	W		LIGHT GREY, FINE SAND
86.00	9.93	WOH	2	12	0.3	14	SS-15	35.0		TAN, SANDY CLAY
84.00	11.45	14	21	30	0.3	51		W		**RESIDUAL**
82.00	12.97	6	21	31	0.3	52	SS-16	W		GREEN-BLACK AND LIGHT GREEN-GREY, SAPROLITIC SAND, WITH SOME MICA
80.00	14.49	7	13	25	0.3	38		W		
	15.50									
	16.01	50			0.01	REF				**SOFT WEATHERED ROCK** (BIOTITE GNEISS) **HARD WEATHERED ROCK** (BIOTITE GNEISS)
78.00						TRICONE REFUSAL AT ELEVATION 78.37m ON HARD ROCK (BIOTITE GNEISS)				
76.00										