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 -YIO- (SR 1555)			GROUND WATER
BORING NO. EBI-A	BORING LOCATION 78+08.0	OFFSET 21.1m LT	ALIGNMENT -L-
COLLAR ELEV. 95.36	NORTHING 207213.2	EASTING 656378.0	0 HR. NA / 24 HR. 2.50
TOTAL DEPTH 14.49	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 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
95.36										
	0.79	2	2	3	0.3	5	SS-7	28.1		COASTAL PLAIN TAN AND RED, SANDY CLAY
94.00										
	2.31	2	5	6	0.3	11	SS-8	▼		
92.00										
	3.83	1	4	3	0.3	7	SS-9	W		TAN, LIGHT GREY, AND RED, SILTY SAND AND SAND
90.00	5.35	2	2	2	0.3	4		W		
	6.87	2	2	3	0.3	5	SS-10	W		
88.00										
	8.39	2	2	3	0.3	5		W		
86.00										
	9.91	2	5	7	0.3	12	SS-11	33.6		TAN, SANDY CLAY
	10.80									SOFT WEATHERED ROCK
84.00	11.43	18	41	59	0.25	100+				
	12.95	15	85		0.21	100+				
82.00										
	14.47	50			0.02	REF				HARD WEATHERED ROCK (BIOTITE GNEISS)
80.00						BORING TERMINATED AT ELEVATION 80.87m IN HARD WEATHERED ROCK (BIOTITE GNEISS)				
78.00										
76.00										

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SHEET 7 OF 10

PROJECT NO. 8.T311002	ID. R-2552B	COUNTY JOHNSTON	GEOLOGIST CHERYL YOUNGBLOOD
SITE DESCRIPTION DUAL BRIDGES ON -L- (US 70 BYPASS) OVER -YIO- (SR 1555)			GROUND WATER
BORING NO. EBI-C	BORING LOCATION 78+09.0	OFFSET CL	ALIGNMENT -L-
COLLAR ELEV. 95.40	NORTHING 207193.6	EASTING 656369.5	0 HR. NA / 24 HR. 4.71
TOTAL DEPTH 11.11	DRILL MACHINE CME 45C	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 4/17/00	COMPLETION DATE 4/17/00	SURFACE WATER DEPTH NA	DEPTH TO ROCK 11.11

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
95.40										
	0.75	2	3	2	0.3	5	SS-88	26.7		COASTAL PLAIN TAN AND BROWN, SANDY CLAY
94.00										
	2.27	5	10	11	0.3	21	SS-89	21.9		TAN, WHITE, AND RED, CLAYEY, FINE TO COARSE SAND
92.00										
	3.79	2	2	3	0.3	5		M		
90.00	5.31	1	2	3	0.3	5	SS-90	26.7		
	6.83	WOH	WOH	1	0.3	1	SS-91	W		TAN, WHITE, AND PINK SAND, WITH TRACE GRAVEL IN LOWER HALF
88.00										
	8.35	1	3	5	0.3	8	SS-92	W		
86.00										
	9.87	3	4	7	0.3	11		W		
	11.11	50			0	REF				HARD WEATHERED ROCK (BIOTITE GNEISS)
84.00						TRICONE REFUSAL AT ELEVATION 84.29m ON HARD ROCK (BIOTITE GNEISS)				
82.00										
80.00										
78.00										
76.00										