

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG SHEET 8 OF 10

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. EBI-B	BORING LOCATION 78+27.6	OFFSET 21.1m RT	ALIGNMENT -L-	0 HR. NA
COLLAR ELEV. 95.29	NORTHING 207166.4	EASTING 656379.8		24 HR. 2.31
TOTAL DEPTH 14.53	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC	
START DATE 8/7/01	COMPLETION DATE 8/7/01	SURFACE WATER DEPTH NA	DEPTH TO ROCK 14.53	

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75				
95.29													COASTAL PLAIN
94.00	0.84	2	3	4	0.3								TAN, WHITE, AND RED, SANDY CLAY
92.00	2.36	8	13	16	0.3								TAN, WHITE, AND RED, CLAYEY SAND
90.00	3.88	1	2	2	0.3								TAN, LIGHT GREY, AND RED, SILTY, FINE TO COARSE SAND
88.00	5.40	1	1	1	0.3								TAN, LIGHT GREY, AND RED, SILTY, FINE TO COARSE SAND
86.00	6.92	2	1	2	0.3								TAN AND LIGHT GREY, GRAVELLY, COARSE SAND
84.00	8.44	3	2	1	0.3								RESIDUAL
82.00	9.96	2	3	1	0.3								DARK GREEN-GREY, SAPROLITIC, SILTY CLAY, WITH TRACE MICA
	11.48	1	4	3	0.3								SOFT WEATHERED ROCK (BIOTITE GNEISS)
	13.00	30	70		0.23								HARD WEATHERED ROCK (BIOTITE GNEISS)
	14.52	50			0.01								TRICONE REFUSAL AT ELEVATION 80.76m ON HARD ROCK (BIOTITE GNEISS)

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-A	BORING LOCATION 78+45.0	OFFSET 20.8 m LT	ALIGNMENT -L-	0 HR. NA
COLLAR ELEV. 95.28	NORTHING 207196.2	EASTING 656410.9		24 HR. 2.29
TOTAL DEPTH 15.80	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC	
START DATE 8/10/01	COMPLETION DATE 8/10/01	SURFACE WATER DEPTH NA	DEPTH TO ROCK 15.80	

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75				
95.28													COASTAL PLAIN
94.00	0.76	WOH	1	2	0.3								TAN, SANDY CLAY
92.00	2.28	4	13	15	0.3								TAN, LIGHT GREY, AND RED, SANDY CLAY
90.00	3.80	2	3	2	0.3								TAN, LIGHT GREY, AND RED, SILTY, FINE TO COARSE SAND
88.00	5.32	1	1	1	0.3								TAN, LIGHT GREY, AND RED, SILTY, FINE TO COARSE SAND
86.00	6.84	1	2	2	0.3								TAN AND LIGHT GREY, GRAVELLY, COARSE SAND
84.00	8.36	1	1	5	0.3								RESIDUAL
82.00	9.88	WOH	WOH	1	0.3								DARK GREEN-GREY, SAPROLITIC, SILTY CLAY, WITH TRACE MICA
	11.40	2	2	4	0.3								SOFT WEATHERED ROCK (BIOTITE GNEISS)
	12.92	4	4	9	0.3								HARD WEATHERED ROCK (BIOTITE GNEISS)
	13.40												TRICONE REFUSAL AT ELEVATION 79.48m ON HARD ROCK (BIOTITE GNEISS)
	14.44	25	60	40	0.27								SOFT WEATHERED ROCK (BIOTITE GNEISS)
	15.50	60	40		0.23								HARD WEATHERED ROCK (BIOTITE GNEISS)