

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.T311002		ID. R-2552B		COUNTY JOHNSTON		GEOLOGIST BRIAN PARKS							
SITE DESCRIPTION BRIDGE ON Y7 (SR 1554, CORBETT ROAD) OVER L (US 70 BYPASS)							GROUND WATER						
BORING NO. BI-A		BORING LOCATION 14+23.4		OFFSET 5.3m LT		ALIGNMENT -Y7-							
COLLAR ELEV. 99.89		NORTHING 207693.2		EASTING 655227.2		0 HR. NA							
TOTAL DEPTH 20.34		DRILL MACHINE CME 550		DRILL METHOD WASH BORING		HAMMER TYPE AUTOMATIC							
START DATE 7/12/01		COMPLETION DATE 7/12/01		SURFACE WATER DEPTH NA		DEPTH TO ROCK NA							
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	MOI.	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75				
99.89													COASTAL PLAIN
98.00	1.65	3	6	9	0.3								BROWN, SANDY CLAY
	3.17	4	7	9	0.3								
96.00	4.69	5	4	8	0.3								BROWN, GRAVELLY, CLAYEY SAND AND SAND
94.00	6.21	3	3	3	0.3								BROWN, HIGHLY PLASTIC, SANDY CLAY, WITH SOME GRAVEL IN LOWER HALF
	6.66	3	5	6	0.3								
92.00	7.73	5	6	7	0.3								
	9.25	4	5	6	0.3								
90.00	10.78	26	26	30	0.3								RESIDUAL
	12.29	4	6	8	0.3								GRAY TO DARK GRAY, SAPROLITIC SAND, WITH QUARTZ VEIN
88.00	13.81	4	4	8	0.3								GRAY TO BROWN-GRAY, SAPROLITIC, HIGHLY PLASTIC, SLIGHTLY MICACEOUS, SILTY CLAY, WITH TRACE GARNETS
86.00	15.33	20	21	20	0.3								BROWN, SAPROLITIC, SLIGHTLY MICACEOUS, SILTY SAND AND SAND, WITH TRACE GARNETS
84.00	16.85	13	18	28	0.3								
	18.37	18	33	34	0.3								
80.00	19.89	22	44	56	0.3								
79.55	20.34												BORING TERMINATED AT ELEVATION 79.55 METERS IN RESIDUAL SILTY SAND