

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.2405601		ID. B-3256		COUNTY WAKE		GEOLOGIST E.C. CAMPBELL						
SITE DESCRIPTION BRIDGE NO. 337 ON SR 1108 OVER NORFOLK SOUTHERN							GROUND WATER					
BORING NO. B2-B		BORING LOCATION 13+05.30		OFFSET 2.9m RT		ALIGNMENT -L-						
COLLAR ELEV. 129.50m		NORTHING 204650.2		EASTING 627861.4		0 HR. N/A 24 HR. 8.1m						
TOTAL DEPTH 19.93m		DRILL MACHINE CME 550		DRILL METHOD ROTARY WASH		HAMMER TYPE AUTOMATIC						
START DATE 11/7/01		COMPLETION DATE 11/7/01		SURFACE WATER DEPTH		DEPTH TO ROCK						
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
129.50	0.32	23	18	23	0.30							COASTAL PLAIN: RED-BROWN, SILTY CLAY
128.00	1.24	7	14	15	0.30							TAN, CLAYEY SAND
126.00	2.76	7	12	9	0.30							RED-BROWN, YELLOW-BROWN, LIGHT GRAY, AND ORANGE-BROWN, COARSE SAND
	4.28	5	6	6	0.30							
124.00	5.8	2	3	5	0.30							
122.00	7.33	2	3	8	0.30							
	8.84	100			0.14				100+*			WEATHERED ROCK: (CLAYSTONE)
120.00	10.36	30	55	45	0.24				100+*			
118.00	11.88	25	41	46	0.30				87			RESIDUAL: LIGHT GRAY, SILTY CLAY
116.00	13.4	20	30	47	0.30				77			BLUE-GRAY, SILTY CLAY
114.00	14.92	21	24	23	0.30				47			LIGHT GREEN-GRAY, DARK BLUE-GRAY, SANDY SILT
	16.44	6	8	10	0.30				18			
112.00	17.96	4	4	8	0.30				12			
110.00	19.48	12	22	34	0.30				56			
BORING TERMINATED AT ELEVATION 109.57m IN SANDY SILT												