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. EBI-B	BORING LOCATION 12+57.60	OFFSET 3.7m RT	ALIGNMENT -L-
COLLAR ELEV. 134.82m	NORTHING 204603.2	EASTING 627853.2	24 HR. 7.54m
TOTAL DEPTH 28.24m	DRILL MACHINE CME 550	DRILL METHOD ROTARY WASH	HAMMER TYPE AUTOMATIC
START DATE 11/5/01	COMPLETION DATE 11/5/01	SURFACE WATER DEPTH	DEPTH TO ROCK

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
134.82										
134.00	0.81	2	2	2	0.30	X 4		M		ROADWAY EMBANKMENT: RED-BROWN, SILTY CLAY
132.00	2.33	2	3	4	0.30	X 7		M		
	3.85	1	1	2	0.30	X 3		M		GREEN-GRAY AND LIGHT GRAY COARSE SAND
130.00	4.61	1	1	1	0.30	X 2		M		
	5.37	1	2	2	0.30	X 4		M		COASTAL PLAIN: ORANGE-BROWN, SANDY CLAY
128.00	6.89	6	9	11	0.30	X 20		W		YELLOW-TAN, CLAYEY SAND
126.00	8.41	8	10	9	0.30	X 19		W		
	9.93	4	5	6	0.30	X 11		W		
124.00	11.45	3	4	5	0.30	X 9		W		
122.00	12.97	3	4	3	0.30	X 7		W		LIGHT GRAY, ORANGE-BROWN, YELLOW-BROWN, SILTY, COARSE SAND
120.00	14.49	1	2	1	0.30	X 3		W		
	16.01	5	6	5	0.30	X 11		W		
118.00	17.53	1	1	2	0.30	X 3		W		
116.00	19.05	3	5	8	0.30	X 13		W		

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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
115.00										
	20.57	3	3	6	0.30	X 9		W		YELLOW-BROWN, SILTY, COARSE SAND
113.00	22.09	2	3	2	0.30	X 5		W		LIGHT GRAY, SILTY CLAY
111.00	23.61	0	5	9	0.30	X 14		W		RESIDUAL: GRAY-GREEN, SILTY CLAY, SAPROLITIC
	25.13	19	81		0.29	100+ X		W		
109.00	26.65	100			0.04	100+ X		W		WEATHERED ROCK: (CLAYSTONE)
107.00	28.17	100			0.07	100+ X		W		
105.00						BORING TERMINATED AT ELEVATION 106.54m IN WEATHERED ROCK				
103.00										
101.00										
99.00										
97.00										
95.00										