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. EB2-A	BORING LOCATION 13+16.50	OFFSET 3.5m LT	ALIGNMENT -L-	0 HR. N/A
COLLAR ELEV. 135.08m	NORTHING 204662.4	EASTING 627857.2	24 HR. 10.7m
TOTAL DEPTH 20.73m	DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 11/1/01	COMPLETION DATE 11/1/01	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
135.08										
	0.73	2	2	3	0.3	5		M		ROADWAY EMBANKMENT: TAN, SILTY SAND
134.00										
	2.25	2	4	7	0.3	11	SS-11	M		
132.00										
	3.77	2	3	3	0.3	6	SS-12	M		GREEN-GRAY, SANDY CLAY
	4.53	3	5	7	0.3	12	SS-13			
130.00	5.29	5	7	11	0.3	18		M		COASTAL PLAIN: TAN, CLAYEY SAND
128.00	6.81	9	13	15	0.3	28	SS-14	M		
	8.33	5	12	12	0.3	24		M		GREEN-GRAY, RED-BROWN, YELLOW-BROWN, ORANGE-BROWN, MEDIUM SAND
126.00										
	9.85	5	7	6	0.3	13	SS-15	M ▼		
124.00	11.37	4	5	5	0.3	10		W		
122.00	12.89	1	2	1	0.3	3	SS-16	W		LIGHT GRAY, SILTY SANDY CLAY
	14.41	40	60		0.21	100+		W		WEATHERED ROCK: (CLAYSTONE)
120.00										
	15.93	14	31	32	0.3	63	SS-17	W		RESIDUAL: LIGHT GRAY, SANDY CLAY
118.00	17.45	18	40	60	0.3	100+		W		WEATHERED ROCK: (CLAYSTONE)
116.00	18.97	15	25	30	0.3	55	SS-18	W		RESIDUAL: LIGHT GRAY, SANDY CLAY

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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										
	20.49	44	55		0.24	100+		W		WEATHERED ROCK: (CLAYSTONE)
						BORING TERMINATED AT ELEVATION 114.35m IN WEATHERED ROCK				
113.00										
111.00										
109.00										
107.00										
105.00										
103.00										
101.00										
99.00										
97.00										
95.00										