

# 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-A		BORING LOCATION 12+51.60		OFFSET 3.5m LT	ALIGNMENT -L-		0 HR. 11.3m								
COLLAR ELEV. 134.76m		NORTHING 204598.7		EASTING 627845.0		24 HR. 11.1m									
TOTAL DEPTH 18.88m		DRILL MACHINE CME 550		DRILL METHOD H.S. AUGERS		HAMMER TYPE AUTOMATIC									
START DATE 10/31/01		COMPLETION DATE 10/31/01		SURFACE WATER DEPTH		DEPTH TO ROCK									
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100					
134.76															
134.00	0.64	2	2	4	0.30	X 6						SS-1	M	▨	ROADWAY EMBANKMENT: RED-BROWN, SANDY CLAY
	2.16	3	5	5	0.30	X 10						SS-2	M	▨	
132.00														▨	
	3.68	6	7	5	0.30	X 12						SS-3	M	▨	GREEN-GRAY, SILTY SAND
	4.44	2	3	3	0.30	X 6						SS-4	M	▨	COASTAL PLAIN: ORANGE-BROWN, SANDY CLAY
130.00	5.2	1	3	2	0.30	X 5						SS-5	M	▨	
	5.96	1	3	6	0.30	X 9							M	▨	
128.00	6.72	4	9	10	0.30	X 19							M	▨	ORANGE-BROWN AND LIGHT GRAY, SANDY CLAY
	8.24	7	8	9	0.30	X 17						SS-6	M	▨	
126.00														▨	
	9.76	2	5	7	0.30	X 12							M	▨	YELLOW-GRAY AND RED-BROWN, CLAYEY SAND
124.00														▨	
	11.28	1	2	2	0.30	X 4						SS-7	W	▨	YELLOW-BROWN, SAND
122.00														▨	
	12.8	2	2	2	0.30	X 4						SS-8	W	▨	
120.00														▨	
	14.32	0	0	2	0.30	X 2							W	▨	LIGHT GRAY, SILTY CLAY
	15.84	0	0	2	0.30	X 2						SS-9	W	▨	LIGHT GRAY, YELLOW-BROWN, SILTY, SANDY CLAY
118.00														▨	
	17.36	1	2	2	0.30	X 4						SS-10	W	▨	LIGHT GRAY, CLAYEY SAND
116.00														▨	
BORING TERMINATED AT ELEVATION 115.88m IN CLAYEY SAND															