NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 6.469002T	ID. R-0513A	COUNTY ROBESON	GEOLOGIST O. B. OTI
SITE DESCRIPTION STRUCTURE NO.2 ON -Y2- (SR 1166) OVER -L- (US 74 BYPASS)			GROUND WATER
BORING NO. EBI-C	BORING LOCATION 16+52.7	OFFSET CL	ALIGNMENT -Y2-	0 HR. N/A
COLLAR ELEV. 50.93m	NORTHING 103438.4	EASTING 584385.3	24 HR. 0.53m
TOTAL DEPTH 21.19m	DRILL MACHINE CME-550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 3/12/03	COMPLETION DATE 3/12/03	SURFACE WATER DEPTH N/A	DEPTH TO ROCK N/A

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
50.93										
50.00	0.89	2	3	5	0.3	8	SS-124	W		DUPLIN FORMATION, TAN-BROWN, SILTY SAND
	2.41	2	4	4	0.3	8				
48.00	3.93	1	3	2	0.3	5	SS-125	W		
46.00	5.45	3	5	6	0.3	11	SS-126	W		TAN-BROWN AND WHITE SAND
44.00	6.97	5	7	7	0.3	14				
	8.49	3	4	6	0.3	10	SS-127	W		DARK GRAY, SILTY SAND
42.00	10.01	1	3	3	0.3	6	SS-128	W		DARK GRAY, COARSE SAND
40.00	11.62	1	2	2	0.3	4	SS-129	W		TAN-GRAY, SILTY SAND
38.00	13.14	3	8	11	0.3	19	SS-130	19%		BLACK CREEK FORMATION, TAN GRAY, SILTY CLAY
36.00	14.66	3	3	5	0.3	8	SS-131	W		LIGHT GRAY, SILTY SAND
	16.18	7	12	17	0.3	29	SS-132	14%		LIGHT GRAY, SANDY CLAY
34.00	17.7	10	17	23	0.3	40				
32.00	19.22	14	11	19	0.3	30	SS-133	W		LIGHT GRAY, CLAYEY SAND

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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
31.00	20.74	10	15	18	0.3	33		W		LIGHT GRAY, CLAYEY SAND
29.00						BORING TERMINATED AT ELEVATION 29.74m IN CLAYEY SAND				
27.00										
25.00										
23.00										
21.00										
19.00										
17.00										
15.00										
13.00										
11.00										