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. EB2-C	BORING LOCATION 17+27.4	OFFSET CL	ALIGNMENT -Y2- / 0 HR. N/A
COLLAR ELEV. 50.93m	NORTHING 103372.4	EASTING 584350.3	24 HR. 0.55m
TOTAL DEPTH 20.99m	DRILL MACHINE CME-550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 3/13/03	COMPLETION DATE 3/13/03	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	2.30	1	1	1	0.3	2				DUPLIN FORMATION, TAN-BROWN, SILTY SAND
	2.30	7	10	10	0.3	20	SS-134	W		TAN AND WHITE, COARSE SAND
48.00										
	3.82	1	1	1	0.3	2				DARK BROWN, SILTY SAND
46.00	5.34	1	1	2	0.3	3				
44.00	6.86	5	9	12	0.3	21	SS-135	W		TAN-GRAY, COARSE SAND
	8.38	2	1	1	0.3	2	SS-136	W		GRAY SAND
42.00										
	9.90	WOH	WOH	1	0.3	1	SS-137	W		GREEN-GRAY, SILTY SAND
40.00	11.42	1	1	2	0.3	3				
38.00	12.94	3	9	13	0.3	22	SS-138	W		GRAY, CLAYEY SAND
	14.46	5	8	12	0.3	20	SS-139	19%		BLACK CREEK FORMATION, TAN BROWN AND GRAY, SILTY CLAY
36.00										
	15.98	6	11	13	0.3	24				
34.00	17.50	7	12	15	0.3	27	SS-140	29%		
32.00	19.20	11	22	29	0.3	51				

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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	20.54	13	17	23	0.3	40	SS-141	W		LIGHT GRAY, SILTY SAND
29.00						BORING TERMINATED AT ELEVATION 29.94M IN SILTY CLAY				
27.00										
25.00										
23.00										
21.00										
19.00										
17.00										
15.00										
13.00										
11.00										