NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 6.469002T	ID. R-0513BA	COUNTY ROBESON	GEOLOGIST O.B. OTI
SITE DESCRIPTION STRUCTURES NO. 3 AND 4 ON -L- (US 74 BYPASS) OVER CSX RR			GROUND WATER
BORING NO. EBI-B	BORING LOCATION 138+12.8	OFFSET 18.4m RT	ALIGNMENT -L-	0 HR. N/A
COLLAR ELEV. 46.48m	NORTHING 97969.7	EASTING 588669.0	24 HR. 1.80m
TOTAL DEPTH 22.64m	DRILL MACHINE CME-550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 4/30/03	COMPLETION DATE 5/01/03	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
46.48										
46.00	0.91	2	4	7	0.30	11		W		DUPLIN FORMATION, TAN-GRAY, COARSE SAND
44.00	2.43	3	4	6	0.30	10		W		
	3.95	4	9	9	0.30	18		W		
42.00	5.47	WOH	WOH	1	0.30	1		W		GRAY, SILTY CLAY
40.00	6.99	WOH	WOH	WOH	0.30	WOH	SS-198	W		GRAY, CLAYEY SAND
38.00	8.51	9	12	13	0.30	25		W		BLACK CREEK FORMATION, GRAY, SILTY CLAY
	10.03	2	4	5	0.30	9	SS-199	W		TAN-GRAY, SILTY SAND
36.00	11.55	3	6	9	0.30	15		W		TAN-BROWN-GRAY, SILTY CLAY
34.00	13.07	4	9	10	0.30	19		W		
32.00	14.59	3	6	10	0.30	16		W		
	16.11	4	4	8	0.30	12		W		
30.00	17.63	3	7	10	0.30	17		W		
28.00	19.15	3	8	11	0.30	19		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
27.00										
	20.67	7	17	31	0.30	48		W		TAN-GRAY, SILTY SAND
25.00	22.19	7	14	17	0.30	31		W		
23.00						BORING TERMINATED AT ELEVATION 23.84 METERS IN SILTY SAND				
21.00										
19.00										
17.00										
15.00										
13.00										
11.00										
9.00										
7.00										