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-A	BORING LOCATION 137+98.7	OFFSET 19.3m LT	ALIGNMENT -L-	0 HR. N/A
COLLAR ELEV. 46.46m	NORTHING 98002.9	EASTING 588690.9	24 HR. 1.60m
TOTAL DEPTH 22.58m	DRILL MACHINE CME-550	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 4/30/03	COMPLETION DATE 4/30/03	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
46.46										
46.00	0.83	1	1	1	0.30	2	SS-188	M		DUPLN FORMATION, TAN-GRAY, SANDY CLAY
44.00	2.37	3	4	4	0.30	8	SS-189	W		TAN-GRAY-WHITE, COARSE SAND
	3.89	3	8	8	0.30	16		W		
42.00	5.41	1	1	4	0.30	5	SS-190	22%		GRAY, SILTY CLAY
40.00	6.93	WOH	WOH	WOH	0.30	WOH	SS-191	W		GRAY, SAND
38.00	8.45	1	2	6	0.30	8	SS-192	23%		BLACK CREEK FORMATION, TAN-BROWN-GRAY, SILTY CLAY
	9.97	4	7	10	0.30	17	SS-193	27%		
36.00	11.49	3	6	9	0.30	15		W		
34.00	13.01	4	8	10	0.30	18	SS-194	26%		
32.00	14.53	4	7	10	0.30	17		W		
	16.05	3	6	8	0.30	14	SS-195	W		
30.00	17.57	3	8	11	0.30	19	SS-196	27%		
28.00	19.09	6	11	15	0.30	26		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										
	20.61	10	13	20	0.30	33	SS-197	W		TAN-BROWN-GRAY, SILTY SAND
25.00	22.13	20	20	20	0.30	40		W		
23.00						BORING TERMINATED AT ELEVATION 23.88 METERS IN SILTY SAND				
21.00										
19.00										
17.00										
15.00										
13.00										
11.00										
9.00										
7.00										