NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 6.469002T	ID. R-0513BA	COUNTY ROBESON	GEOLOGIST D.B. CATES
SITE DESCRIPTION STRUCTURES NO. 1 AND 2 ON -L- (US 74 BYPASS) OVER -Y1- (NC 710)			GROUND WATER
BORING NO. EB2-B(W)	BORING LOCATION 113+99.0	OFFSET 9.0m LT	ALIGNMENT -L-
COLLAR ELEV. 47.80m	NORTHING 99891.8	EASTING 587208.7	0 HR. N/A
			24 HR. 1.80m
TOTAL DEPTH 24.50m	DRILL MACHINE CME-45	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 3/01	COMPLETION DATE 3/01	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
47.80	0.00	WOH	1	1	0.30	2		M		
	0.76	2	2	3	0.30	5	SS-38	M		DUPLIN FORMATION, TAN, SAND
46.00	1.52	5	6	7	0.30	13	SS-39	M		
	2.29	6	6	5	0.30	11		W		
	3.05	3	3	3	0.30	6	SS-40	W		LIGHT GRAY, SANDY CLAY
44.00	4.18	2	3	6	0.30	9	SS-41	W		TAN-BROWN-WHITE, SAND
42.00	5.70	6	5	4	0.30	9		W		
	7.22	3	7	13	0.30	20		W		TAN-BROWN, COARSE SAND
40.00	8.75	7	10	13	0.30	23	SS-42	W		
38.00	10.27	2	2	1	0.30	3	SS-43	W		LIGHT GRAY, SILTY SAND
36.00	11.80	4	5	8	0.30	13	SS-44	W		BLACK CREEK FORMATION, GRAY, SILTY CLAY
	13.32	4	9	13	0.30	22		W		
34.00	14.80	11	5	7	0.30	12	SS-45	W		GRAY, SANDY SILT
32.00	16.37	7	10	14	0.30	24	SS-46	W		GRAY, SILTY CLAY
30.00	17.95	10	12	17	0.30	29		W		
	19.48	10	18	25	0.30	43	SS-47	W		LIGHT GRAY, SILTY 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
	21.00	10	16	22	0.30	38		W		LIGHT GRAY, SILTY SAND
26.00	22.52	16	22	35	0.30	57		W		TAN-BROWN, COARSE SAND
24.00	24.05	22	35	44	0.30	79		W		
22.00						BORING TERMINATED AT ELEVATION 23.30 METERS IN COARSE SAND				
20.00										
18.00										
16.00										
14.00										
12.00										
10.00										
8.00										