

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

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 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. BI-A		BORING LOCATION 16+94.7		OFFSET 9.0m LT		ALIGNMENT -Y2-									
COLLAR ELEV. 51.02m		NORTHING 103397.1		EASTING 584373.6		24 HR. 1.00m									
TOTAL DEPTH 22.61m		DRILL MACHINE CME-550		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC									
START DATE 3/18/03		COMPLETION DATE 3/18/03		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A									
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100					
51.02															
50.00	0.88	1	1	1	0.3									SS-142	DUPLIN FORMATION, TAN-BROWN SILTY SAND
48.00	2.4	3	5	6	0.3										TAN AND WHITE, COARSE SAND
46.00	3.92	WOH	WOH	WOH	0.3										DARK BROWN, SILTY SAND
44.00	5.44	7	13	13	0.3										TAN AND WHITE, COARSE SAND
42.00	6.96	5	7	8	0.3										GRAY SAND
40.00	8.48	1	2	2	0.3										GREEN-GRAY, FOSSILEROUS; SILTY SAND
38.00	11.52	1	1	2	0.3										BLACK CREEK FORMATION, GRAY, SANDY CLAY
36.00	13.04	3	6	8	0.3										GRAY-BROWN, SILTY CLAY
34.00	14.56	4	8	13	0.3										
32.00	16.08	5	8	12	0.3										
	17.6	5	8	13	0.3										
	19.12	10	21	70	0.3										LIGHT GRAY, SILTY SAND

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		15cm	15cm	15cm		0	25	50	75	100						
31.00	20.64	14	18	19	0.3										SS-143	LIGHT GRAY, SILTY SAND
29.00	22.16	9	13	12	0.3											LIGHT GRAY, COARSE SAND
27.00																
25.00																
23.00																
21.00																
19.00																
17.00																
15.00																
13.00																
11.00																

BORING TERMINATED AT ELEVATION 28.41m IN COARSE SAND