

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.T19030I	ID. R-2514A	COUNTY ONSLOW	GEOLOGIST W.T. HART
SITE DESCRIPTION -L- (US 17) OVER STARKY'S CREEK			GROUND WATER 0 HR. N.M. 24 HR. ARTESIAN
BORING NO. BI-A (SBL)	BORING LOCATION 182+75.0	OFFSET 12.5 m LT.	
COLLAR ELEV. 8.55 m	NORTHING 0.00	EASTING 0.00	
TOTAL DEPTH 19.01 m	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 5/4/99	COMPLETION DATE 5/4/99	SURFACE WATER DEPTH	DEPTH TO ROCK

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG MOI.	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
8.55	0.0	WOH	WOH	WOH	0.3	X 0								
8.00	0.76	WOH	WOH	WOH	0.3	X 0					SS-1		DARK BROWN ORGANIC SAND, MOI. TO SAT. (ALLUVIUM)	
	1.52	0	2	3	0.3	X 5					SS-2			
6.00	2.29	6	8	9	0.3	X 17					SS-3			
	3.05	8	9	10	0.3	X 19					SS-4		TAN-GRAY FINE TO COARSE SAND, SAT.	
	3.81	6	8	10	0.3	X 18								
4.00	4.81	7	9	14	0.3	X 23					SS-5	17%	GREEN-GRAY SANDY CLAY, WET (RIVER BEND FORMATION)	
	6.34	5	6	11	0.3	X 17					SS-6			
2.00	7.86	2	3	5	0.3	X 8					SS-7		GREEN-GRAY CLAYEY FINE TO COARSE SAND, SAT.	
0.00	9.42	3	4	6	0.3	X 10								
-2.00	10.94	7	7	9	0.3	X 16								
-4.00	12.46	18	23	17	0.3	X 40								
-6.00	13.99	18	24	25	0.3	X 49							MODERATELY INDURATED MOLLUSCAN-MOLD SANDY LIMESTONE, SAT.	
	15.51	12	18	21	0.3	X 39								
-8.00	17.04	47	53		0.24				100+		SS-8		GRAY FINE TO COARSE SAND, SAT.	
-10.00	18.56	24	30	46	0.3	X 76								