

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 8.T190301	ID. R-2514A	COUNTY ONSLOW	GEOLOGIST W.T. HART
SITE DESCRIPTION -L- (US 17) OVER STARKY'S CREEK			GROUND WATER
BORING NO. BI-B (NBL)	BORING LOCATION 182+81.0	OFFSET 14.0 m RT.	ALIGNMENT -L-
COLLAR ELEV. 8.35 m	NORTHING 0.00	EASTING 0.00	0 HR. N.M. 24 HR. ARTESIAN
TOTAL DEPTH 21.38 m	DRILL MACHINE CME-45B	DRILL METHOD ROTARY W/MUD	HAMMER TYPE AUTOMATIC
START DATE 5/20/99	COMPLETION DATE 5/21/99	SURFACE WATER DEPTH	DEPTH TO ROCK

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					
8.35	0.0	WOH	WOH	WOH	0.3	X 0									
8.00	0.76	WOH	WOH	WOH	0.3	X 0					SS-46	62%		DARK BROWN ORGANIC SAND, SAT. (ALLUVIUM)	
	1.52	1	2	5	0.3	X 7									
6.00	2.29	3	3	4	0.3	X 7					SS-47			TAN-GRAY FINE TO COARSE SAND, SAT.	
	3.05	5	7	8	0.3	X 15									
4.00	4.18	4	7	10	0.3	X 17					SS-48			GREEN-GRAY SANDY CLAY WITH SHELL FRAGMENTS, WET (RIVER BEND FORMATION)	
	5.70	10	17	21	0.3			X 38							
2.00	7.22	8	8	12	0.3	X 20					SS-49				
0.00	8.75	3	7	13	0.3	X 20								GREEN-GRAY CLAYEY FINE TO COARSE SAND, SAT.	
-2.00	10.27	11	22	20	0.3			X 42							
-4.00	11.80	34	36	34	0.3				X 70						
	13.32	20	80		0.3					100+ X					
-6.00	14.89	13	23	34	0.3			X 57						MODERATELY INDURATED MOLLUSCAN-MOLD SANDY LIMESTONE, SAT.	
-8.00	16.37	17	26	74	0.23					100+ X	SS-50				
-10.00	17.89	44	56		0.3					100+ X				GRAY FINE TO COARSE SAND, SAT.	