

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 GEOTECHNICAL UNIT BORING LOG

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 GEOTECHNICAL UNIT BORING LOG SHEET 8 OF 13

PROJECT NO. 8.T311002	ID. R-2552AB	COUNTY JOHNSTON	GEOLOGIST E.C. CAMPBELL
SITE DESCRIPTION BRIDGE ON -Y2- (NC 42) OVER -L- (US 70 BYPASS)			GROUND WATER
BORING NO. EBI-B	BORING LOCATION 18+28.8	OFFSET 12.3m RT	ALIGNMENT -Y2-
COLLAR ELEV. 98.66m	NORTHING 208738.9	EASTING 652629.2	0 HR. N/A
TOTAL DEPTH 28.64m		DRILL MACHINE CME 550	DRILL METHOD ROTARY W/MUD
START DATE 8/14/01		COMPLETION DATE 8/14/01	HAMMER TYPE AUTOMATIC
		SURFACE WATER DEPTH N/A	DEPTH TO ROCK N/A

ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
98.66												
98.00	0.83	1	3	7	0.3					SS-1	22.5	COASTAL PLAIN RED-BROWN, MODERATELY PLASTIC, SANDY CLAY
	1.80											
96.00	2.35	3	11	11	0.3					SS-2	M	RESIDUAL RED-BROWN, SAPROLITIC, HIGHLY PLASTIC, SANDY CLAY
	3.87	2	2	4	0.3						M	
94.00	5.39	1	3	4	0.3					SS-3	63.6	RED-BROWN AND PURPLE, SAPROLITIC, MODERATELY PLASTIC, SILTY CLAY
	6.91	1	1	1	0.3					SS-4	W	DARK PURPLE-RED-BROWN, SAPROLITIC, SLIGHTLY MICACEOUS, SANDY SILT
90.00	8.43	1	2	3	0.3						W	
	9.95	WOH	2	2	0.3					SS-5	69.3	DARK PURPLE-RED, SAPROLITIC, MODERATELY PLASTIC, SLIGHTLY MICACEOUS, SILTY CLAY
88.00	11.47	1	2	2	0.3						W	
	12.99	1	2	4	0.3					SS-6	63.7	
86.00	14.51	1	2	2	0.3						W	
	16.03	2	2	4	0.3					SS-7	40.0	DARK RED-PURPLE AND GREEN-GRAY, SAPROLITIC, SLIGHTLY TO HIGHLY MICACEOUS, SANDY SILT
82.00												

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ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm				SAMPLE NUMBER	LOG	SOIL AND ROCK DESCRIPTION
		15cm	15cm	15cm		0	25	50	75			
79.00												
	20.59	2	3	6	0.3					SS-8	W	GREEN-GRAY, SAPROLITIC, HIGHLY MICACEOUS, SILTY SAND
77.00	22.11	2	5	8	0.3						W	
	23.63	5	9	13	0.3						W	
75.00	25.15	6	9	15	0.3					SS-9	W	GREEN-GRAY AND ORANGE-BROWN, SAPROLITIC, HIGHLY MICACEOUS, SANDY SILT
	26.67	21	25	27	0.3						W	
73.00	28.19	15	28	68	0.3					SS-10	23.2	
71.00	28.64											
69.00												
67.00												
65.00												
63.00												
61.00												

BORING TERMINATED AT  
 ELEVATION 70.02m  
 IN SANDY SILT