NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 2

PROJECT NO. 8.T311002	ID. R-2552B	COUNTY JOHNSTON		GEOLOGIST F.M. WESCOTT
SITE DESCRIPTION -L- (US 70 BYPASS) OVER -Y11-REV. (SR 1560 RELOC.)				GROUND WATER
BORING NO. EBI-A	BORING LOCATION 97+37.50	OFFSET 12.0 m LT.	ALIGNMENT -L- LT.	0 HR. N.M.
COLLAR ELEV. 86.63 m	NORTHING 0.00	EASTING 0.00		24 HR. 8.6 m
TOTAL DEPTH 27.11 m	DRILL MACHINE MOBILE B-47	DRILL METHOD ROTARY W/MUD	HAMMER TYPE MANUAL	
START DATE 5/24/01	COMPLETION DATE 5/30/01	SURFACE WATER DEPTH	DEPTH TO ROCK	

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
86.63	0.0	3	6	9	0.3	X 15	SS-27	28%		RED BROWN MICACEOUS SANDY SILTY CLAY, MOI. (RESIDUAL)
86.00	1.22	9	14	15	0.3	X 29				
84.00	2.65	4	6	8	0.3	X 14	SS-28	34%		
	4.18	4	4	7	0.3	X 11				RED BROWN MICACEOUS SANDY SILT, MOI.
82.00	5.70	3	6	6	0.3	X 12	SS-29			
80.00	7.22	2	3	3	0.3	X 6				
78.00	8.75	2	4	5	0.3	X 9	SS-30	▼		RED BROWN MICACEOUS SANDY SILTY CLAY, MOI. TO WET
	10.27	2	3	6	0.3	X 9				
76.00	11.79	2	4	7	0.3	X 11	SS-31	56%		
74.00	13.32	3	5	8	0.3	X 13				
72.00	14.84	3	5	7	0.3	X 12	SS-32			
70.00	16.36	3	4	6	0.3	X 10				
	17.89	3	5	8	0.3	X 13	SS-33			RED BROWN MICACEOUS SANDY SILT, WET
68.00	19.41	3	6	9	0.3	X 15				

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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
67.00										RED BROWN MICACEOUS SANDY SILT, WET
	20.94	5	9	13	0.3	X 22	SS-34			RED BROWN MICACEOUS SANDY SILT, WET (SAPROLITE)
65.00	22.46	100			0.15	100+ X				
63.00	24.20	11	31	69	0.27	100+ X				GRAY TAN SANDY SILT, MOI. (GRANITIC SOFT WEATHERED ROCK)
	25.42	26	74		0.25	100+ X				QUARTZ VEIN (HARD ROCK)
61.00	26.94	69	31		0.17	100+ X				GRAY TAN SANDY SILT, MOI. (GRANITIC SOFT WEATHERED ROCK)
59.00						BORING TERMINATED AT ELEV. 59.52 m IN GRANITIC SOFT WEATHERED ROCK				
57.00										
55.00										
53.00										
51.00										
49.00										
47.00										