

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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PROJECT NO. 34459.1.6	ID. R-2552C	COUNTY JOHNSTON	GEOLOGIST N. D. MOHS
SITE DESCRIPTION BRIDGE NO. 602 ON -L2LT- OVER -YI- (LITTLE CREEK CHURCH RD.)			GROUND WATER
BORING NO. EBI-A	BORING LOCATION 121+77.4	OFFSET 11.0m LT	ALIGNMENT -L2LT- (WBL)
COLLAR ELEV. 88.76m	NORTHING 660501.6920	EASTING 205840.1378	0 HR. N/A
TOTAL DEPTH 19.39m	DRILL MACHINE MOBILE B-57	DRILL METHOD ROTARY W/MUD	HAMMER TYPE MANUAL
START DATE 9/28/04	COMPLETION DATE 9/29/04	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	100				
88.76														
88.00	1.10	12	22	26	0.3							SS-1	M	COASTAL PLAIN, ORANGE AND WHITE, SILTY CLAY
86.00	2.62	5	8	8	0.3							SS-2	M	
84.00	4.14	6	5	5	0.3							SS-3	W	PINK, WHITE AND ORANGE, CLAYEY SAND
82.00	5.66	5	4	5	0.3							SS-4	S	
80.00	7.18	2	2	2	0.3							SS-5	S	ORANGE, SILTY CLAY
78.00	10.22	3	2	2	0.3							SS-6	M	TAN-ORANGE, SANDY SILT
76.00	11.74	3	3	4	0.3							SS-7	M	TAN-BROWN, SILTY SAND
74.00	13.26	8	9	13	0.3									
72.00	14.78	6	7	12	0.3									
70.00	16.30	6	7	8	0.3									
	17.82	22	32	35	0.3									
	19.34	100			0.05									SOFT WEATHERED ROCK

PROJECT NO. 34459.1.6	ID. R-2552C	COUNTY JOHNSTON	GEOLOGIST C. D. CZAJKA
SITE DESCRIPTION BRIDGE NO. 602 ON -L2LT- OVER -YI- (LITTLE CREEK CHURCH RD.)			GROUND WATER
BORING NO. EBI-B	BORING LOCATION 121+74.0	OFFSET 3.0m RT	ALIGNMENT -L2LT- (WBL)
COLLAR ELEV. 88.96m	NORTHING 660496.3800	EASTING 205826.6440	0 HR. 4.40m
TOTAL DEPTH 15.27m	DRILL MACHINE CME-550	DRILL METHOD H.S. AUGERS	HAMMER TYPE AUTOMATIC
START DATE 02/09/04	COMPLETION DATE 02/09/04	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	100				
88.96														
88.00	1.14	11	16	20	0.3							SS-200	D	COASTAL PLAIN, RED AND WHITE, CLAYEY SAND
86.00	2.66	6	8	11	0.3							SS-201	M	RED TO ORANGE-BROWN, SILTY CLAY
84.00	4.18	3	4	5	0.3							SS-202	W	
82.00	5.70	1	1	1	0.3							SS-203	W	ORANGE-TAN, CLAYEY SAND
80.00	7.22	1	1	1	0.3							SS-204	W	
78.00	8.74	WOH	WOH	1	0.3							SS-205	M	WHITE, SANDY SILT
76.00	10.26	1	1	1	0.3									
74.00	11.78	2	3	3	0.3									
72.00	13.30	6	9	19	0.3									
70.00	14.82	4	5	8	0.3									
														BORING TERMINATED AT ELEVATION 73.69 METERS IN SANDY SILT