

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

| PROJECT NO. 8.2291001 | | ID. B-3639 | | COUNTY EDGEcombe | | GEOLOGIST R. L. EDWARDS, III | | | | | | | | |
|--|-------------|------------------------|------|---------------------------|---------------|------------------------------|--------------|----|----|-----|---------------|-----|---------------------------|--|
| SITE DESCRIPTION BRIDGE NO. 60 ON SR 1223 OVER COKEY SWAMP | | | | | | | GROUND WATER | | | | | | | |
| BORING NO. EBI-B | | BORING LOCATION 17+07 | | OFFSET 15.0' RT. | ALIGNMENT -L- | | 0 HR. N.M. | | | | | | | |
| COLLAR ELEVATION 72.2' | | NORTHING | | EASTING | | 24 HR. 10.2' | | | | | | | | |
| TOTAL DEPTH 60.2' | | DRILL MACHINE CME-45B | | DRILL METHOD ROTARY W/MUD | | HAMMER TYPE AUTOMATIC | | | | | | | | |
| START DATE 7/1/02 | | COMPLETION DATE 7/1/02 | | SURFACE WATER DEPTH N/A | | | | | | | | | | |
| ELEV. (FT.) | DEPTH (FT.) | BLOW COUNT | | | PEN. (FT.) | BLOWS PER FOOT | | | | | SAMPLE NUMBER | LOG | SOIL AND ROCK DESCRIPTION | |
| | | 0.5' | 0.5' | 0.5' | | 0 | 25 | 50 | 75 | 100 | | | | |
| 72.2 | 0.0 | 1 | 1 | 2 | 1 | | | | | | | | | |
| 70.0 | 4.0 | 1 | 1 | 1 | 1 | | | | | | | | SS-II | TAN BROWN FINE TO COARSE SAND, MOI. (FILL) |
| 65.0 | 8.7 | 2 | 2 | 2 | 1 | | | | | | | | SS-I2 | TAN GRAY FINE SANDY SILT, MOI. TO WET (ALLUVIUM) |
| 60.0 | 13.7 | 3 | 6 | 7 | 1 | | | | | | | | SS-I3 | TAN GRAY SAND, SAT. (ALLUVIUM) |
| 55.0 | 18.7 | 0 | 0 | 2 | 1 | | | | | | | | SS-I4 | GREEN GRAY FINE TO COARSE SAND WITH SHELL FRAGMENTS, SAT. (YORKTOWN FORMATION) |
| 50.0 | 23.7 | 7 | 12 | 13 | 1 | | | | | | | | SS-I5 | GREEN GRAY FINE TO COARSE SAND WITH SHELL FRAGMENTS, SAT. (YORKTOWN FORMATION) |
| 40.0 | 28.7 | 6 | 10 | 9 | 1 | | | | | | | | SS-I6 | GRAY CLAYEY SILTY SAND, SAT. (CAPE FEAR FORMATION) |
| 35.0 | 33.7 | 3 | 5 | 9 | 1 | | | | | | | | SS-I7 | GRAY CLAYEY SILTY SAND, SAT. (CAPE FEAR FORMATION) |
| 30.0 | 38.7 | 5 | 8 | 20 | 1 | | | | | | | | SS-I8 | GRAY BROWN SANDY AND SILTY CLAY, WET (GRANITIC SAPROLITE) |
| 25.0 | 43.7 | 25 | 40 | 53 | 1 | | | | | | | | | |
| 20.0 | 48.7 | 13 | 20 | 28 | 1 | | | | | | | | | |
| 15.0 | 53.7 | 19 | 26 | 36 | 1 | | | | | | | | | |
| 10.0 | 58.7 | 16 | 23 | 27 | 1 | | | | | | | | | |
| 5.0 | | | | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | |

BORING TERMINATED AT ELEV. 12.0 FEET IN HARD SANDY SILTY CLAY

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

SHEET 1 OF 1

| PROJECT NO. 8.2291001 | | ID. B-3639 | | COUNTY EDGEcombe | | GEOLOGIST R. L. EDWARDS, III | | | | | | | | |
|--|-------------|------------------------|------|---------------------------|---------------|------------------------------|--------------|----|----|-----|---------------|-----|---------------------------|--|
| SITE DESCRIPTION BRIDGE NO. 60 ON SR 1223 OVER COKEY SWAMP | | | | | | | GROUND WATER | | | | | | | |
| BORING NO. BI-A | | BORING LOCATION 17+39 | | OFFSET 5.0' LT. | ALIGNMENT -L- | | 0 HR. N.M. | | | | | | | |
| COLLAR ELEVATION 58.4' | | NORTHING | | EASTING | | 24 HR. N.M. | | | | | | | | |
| TOTAL DEPTH 55.1' | | DRILL MACHINE CME-45B | | DRILL METHOD ROTARY W/MUD | | HAMMER TYPE AUTOMATIC | | | | | | | | |
| START DATE 7/2/02 | | COMPLETION DATE 7/2/02 | | SURFACE WATER DEPTH 4.9' | | | | | | | | | | |
| ELEV. (FT.) | DEPTH (FT.) | BLOW COUNT | | | PEN. (FT.) | BLOWS PER FOOT | | | | | SAMPLE NUMBER | LOG | SOIL AND ROCK DESCRIPTION | |
| | | 0.5' | 0.5' | 0.5' | | 0 | 25 | 50 | 75 | 100 | | | | |
| 58.4 | 0.0 | 0 | 5 | 2 | 1 | | | | | | | | | |
| 55.0 | 3.9 | 2 | 1 | 1 | 1 | | | | | | | | SS-19 | TAN GRAY F. SDY. SILT, WET |
| 50.0 | 8.6 | 12 | 11 | 12 | 1 | | | | | | | | SS-20 | GRAY FINE TO COARSE SAND, SAT. (ALLUVIUM) |
| 45.0 | 13.6 | 3 | 6 | 10 | 1 | | | | | | | | SS-21 | GREEN GRAY FINE TO COARSE SAND WITH SHELL FRAGMENTS, SAT. (YORKTOWN FORMATION) |
| 40.0 | 18.6 | 2 | 4 | 7 | 1 | | | | | | | | SS-22 | GRAY CLAYEY SILTY SAND AND FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION) |
| 35.0 | 23.6 | 8 | 12 | 15 | 1 | | | | | | | | SS-23 | GRAY CLAYEY SILTY SAND AND FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION) |
| 30.0 | 28.6 | 19 | 23 | 27 | 1 | | | | | | | | SS-24 | GRAY CLAYEY SILTY SAND AND FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION) |
| 25.0 | 33.6 | 21 | 35 | 40 | 1 | | | | | | | | SS-25 | GRAY CLAYEY SILTY SAND AND FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION) |
| 20.0 | 38.6 | 25 | 23 | 40 | 1 | | | | | | | | SS-26 | GRAY CLAYEY SILTY SAND AND FINE TO COARSE SAND, SAT. (CAPE FEAR FORMATION) |
| 15.0 | 43.6 | 18 | 25 | 36 | 1 | | | | | | | | | |
| 10.0 | 48.6 | 9 | 10 | 16 | 1 | | | | | | | | | |
| 5.0 | 53.6 | 9 | 13 | 15 | 1 | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | |
| -5.0 | | | | | | | | | | | | | | |
| -10.0 | | | | | | | | | | | | | | |
| -15.0 | | | | | | | | | | | | | | |

BORING TERMINATED AT ELEV. 3.3 FEET IN VERY STIFF SANDY CLAY