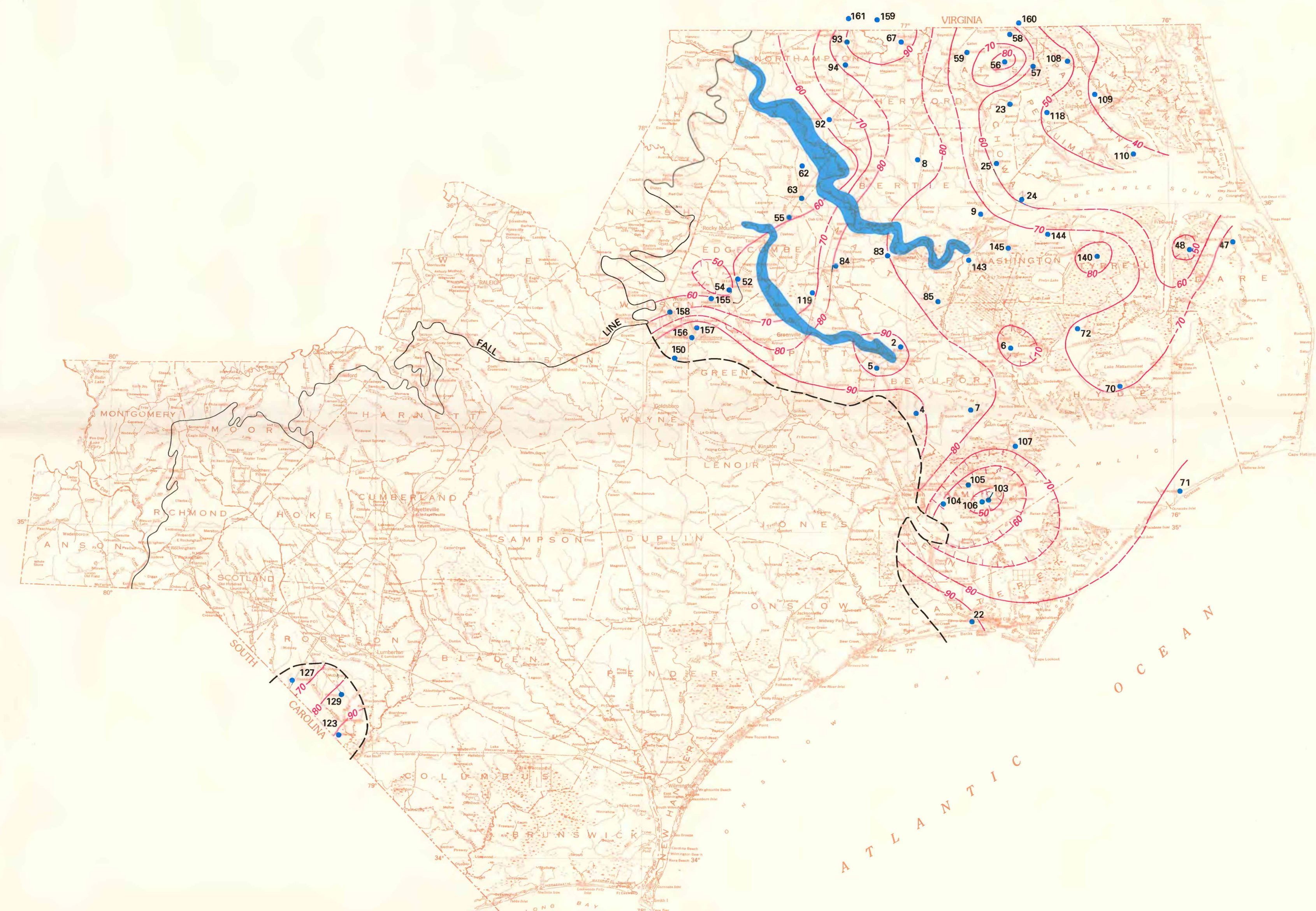
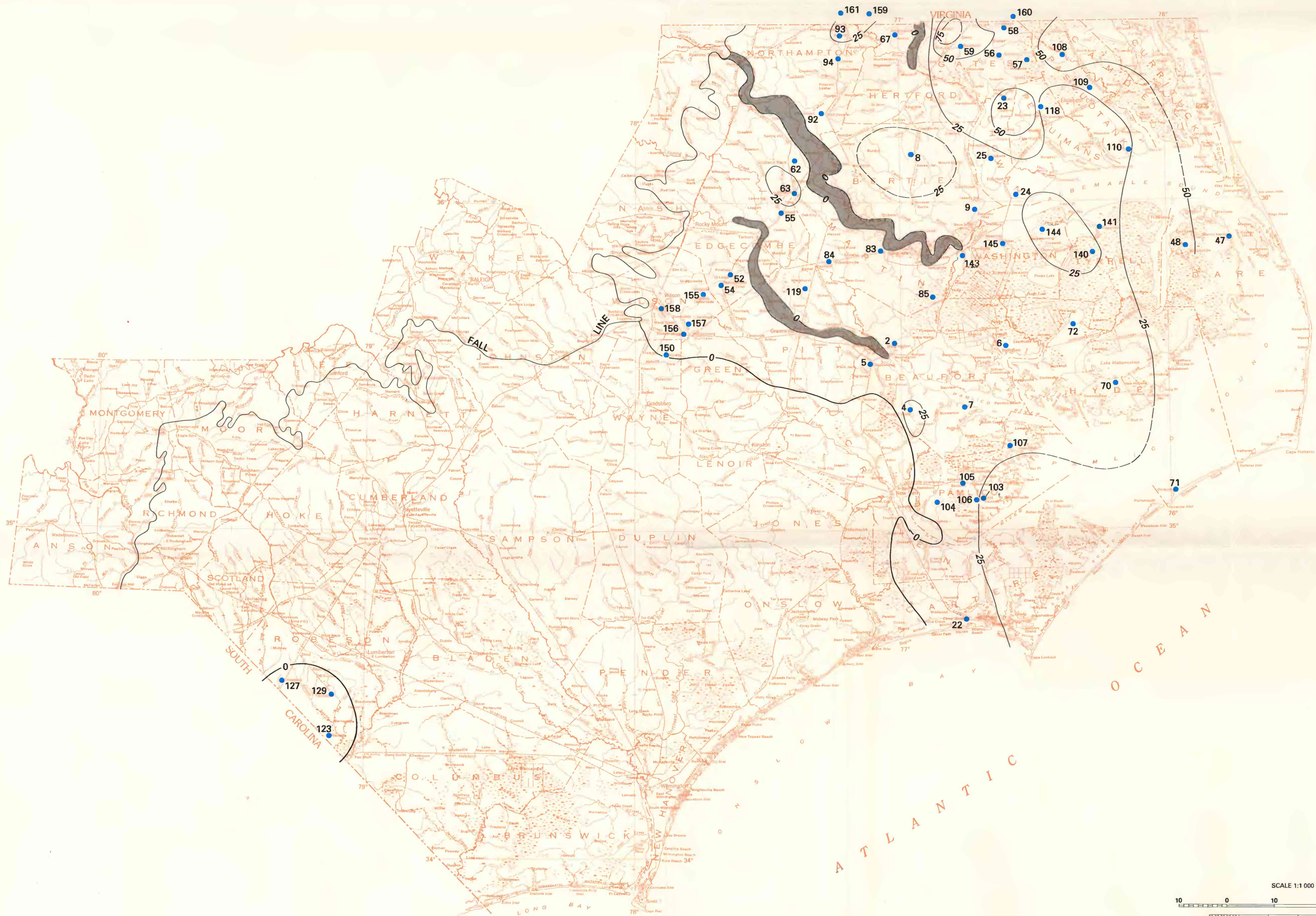


ALTITUDE OF TOP AND CHLORIDE CONCENTRATION OF THE YORKTOWN AQUIFER

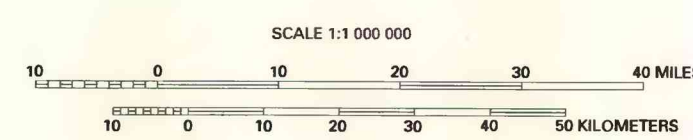


PERCENTAGE OF SAND IN THE YORKTOWN AQUIFER



THICKNESS OF THE YORKTOWN CONFINING UNIT

- EXPLANATION**
- AQUIFER MISSING IN STREAM VALLEY
  - TRANSITION ZONE FROM FRESHWATER TO WATER CONTAINING 250 MILLIGRAMS PER LITER CHLORIDE
  - CONFINING UNIT MISSING IN STREAM VALLEY
  - LIMIT OF AQUIFER—Coincides with Fall Line in places
  - 50 SUBSURFACE CONTOUR—Shows altitude of top of Yorktown aquifer. Dashed where approximately located. Contour interval 50 feet. Datum is sea level.
  - 250T LINE OF EQUAL CHLORIDE CONCENTRATION—Shows approximately where water at top of aquifer contains 250 milligrams per liter chloride.
  - 250B LINE OF EQUAL CHLORIDE CONCENTRATION—Shows approximately where water at bottom of aquifer contains 250 milligrams per liter chloride.
  - 70 LINE OF EQUAL PERCENTAGE OF SAND IN THE YORKTOWN AQUIFER—Dashed where approximately located. Figures indicate values less than surrounding area. Interval 10 percent.
  - LIMIT OF CONFINING UNIT SHOWN AS ZERO THICKNESS—Coincides with Fall Line in places
  - 25 LINE OF EQUAL THICKNESS OF THE YORKTOWN CONFINING UNIT—Dashed where approximately located. Interval 25 feet.
  - WELL AND WELL NUMBER



Base from U.S. Geological Survey State base map, 1:500,000

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

**MAPS SHOWING ALTITUDE OF TOP, CHLORIDE CONCENTRATION, AND PERCENTAGE OF SAND OF THE YORKTOWN AQUIFER AND THICKNESS OF THE YORKTOWN CONFINING UNIT IN THE NORTH CAROLINA COASTAL PLAIN**