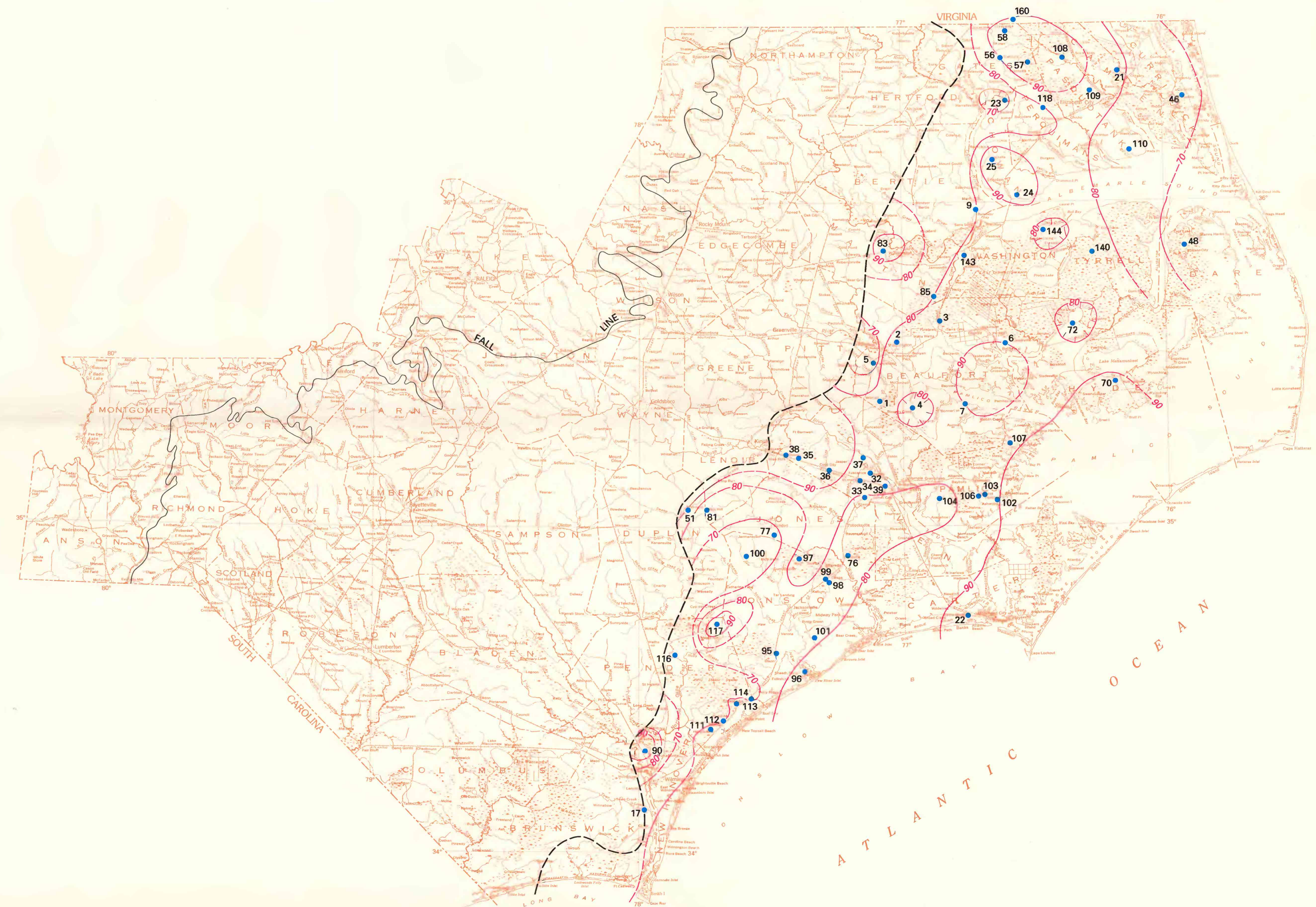
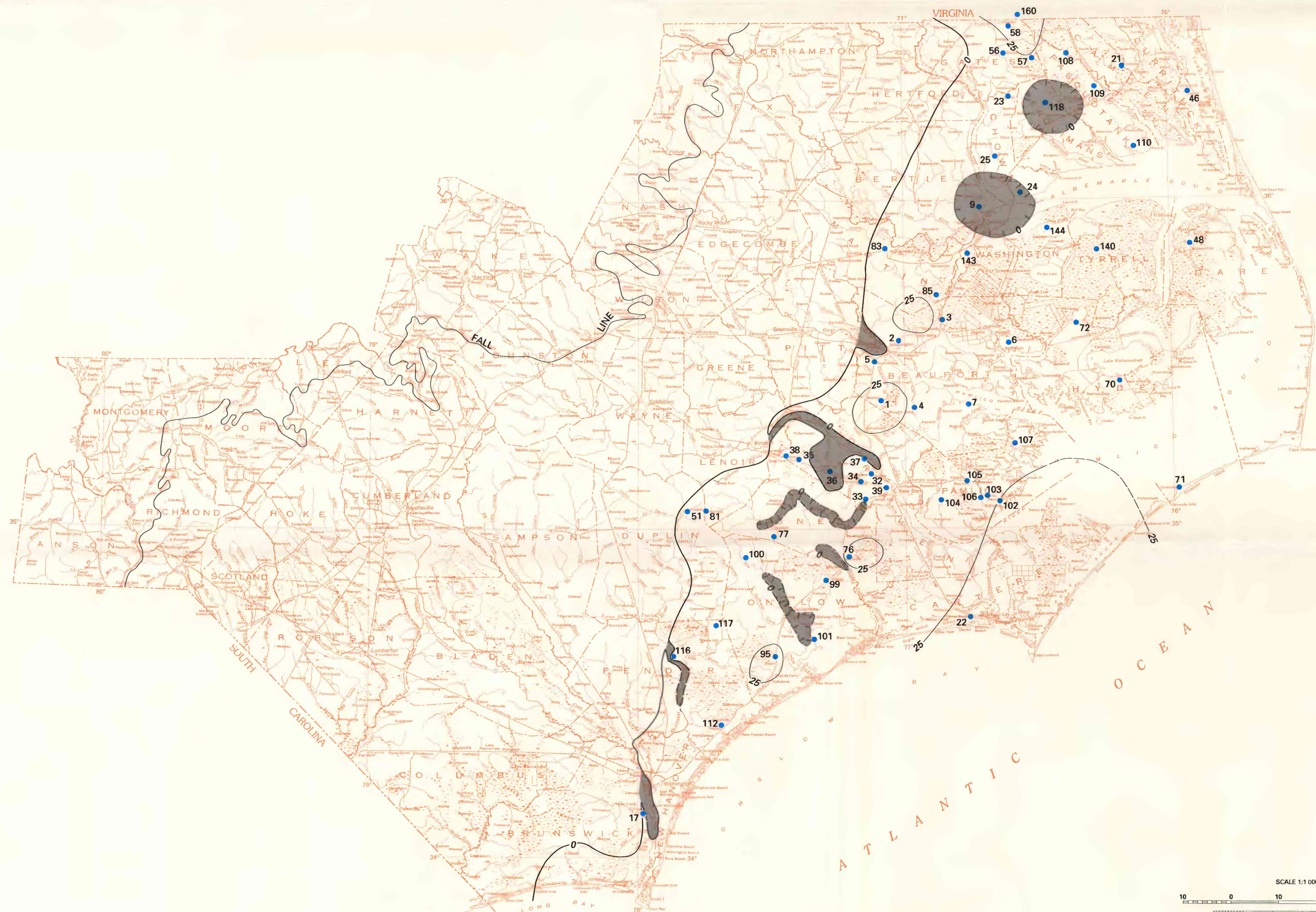


ALTITUDE OF TOP AND CHLORIDE CONCENTRATION OF THE CASTLE HAYNE AQUIFER

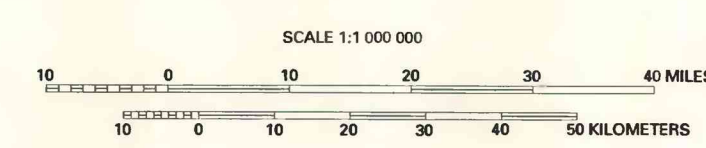


PERCENTAGE OF SAND AND CARBONATE ROCK IN THE CASTLE HAYNE AQUIFER



THICKNESS OF THE CASTLE HAYNE CONFINING UNIT

- EXPLANATION**
- TRANSITION ZONE FROM FRESHWATER TO WATER CONTAINING 250 MILLIGRAMS PER LITER CHLORIDE
 - CONFINING UNIT MISSING
 - LIMIT OF AQUIFER
 - 100 SUBSURFACE CONTOUR—Shows altitude of top of Castle Hayne aquifer. Dashed where approximately located. Contour interval 100 feet. Datum is sea level
 - 2507 LINE OF EQUAL CHLORIDE CONCENTRATION—Shows approximately where water at top of aquifer contains 250 milligrams per liter chloride
 - 2508 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 AND CARBONATE ROCK IN THE CASTLE HAYNE AQUIFER—Dashed where approximately located. Hatchures indicate values less than surrounding area. Interval 10 percent.
 - LIMIT OF CONFINING UNIT SHOWN AS ZERO THICKNESS
 - 25 LINE OF EQUAL THICKNESS OF THE CASTLE HAYNE CONFINING UNIT—Dashed where approximately located. Hatchures indicate values less than surrounding area. Interval 25 feet
 - 6 WELL AND WELL NUMBER



MAPS SHOWING ALTITUDE OF TOP, CHLORIDE CONCENTRATION, AND PERCENTAGE OF SAND AND CARBONATE ROCK OF THE CASTLE HAYNE AQUIFER, AND THICKNESS OF THE CASTLE HAYNE CONFINING UNIT IN THE NORTH CAROLINA COASTAL PLAIN