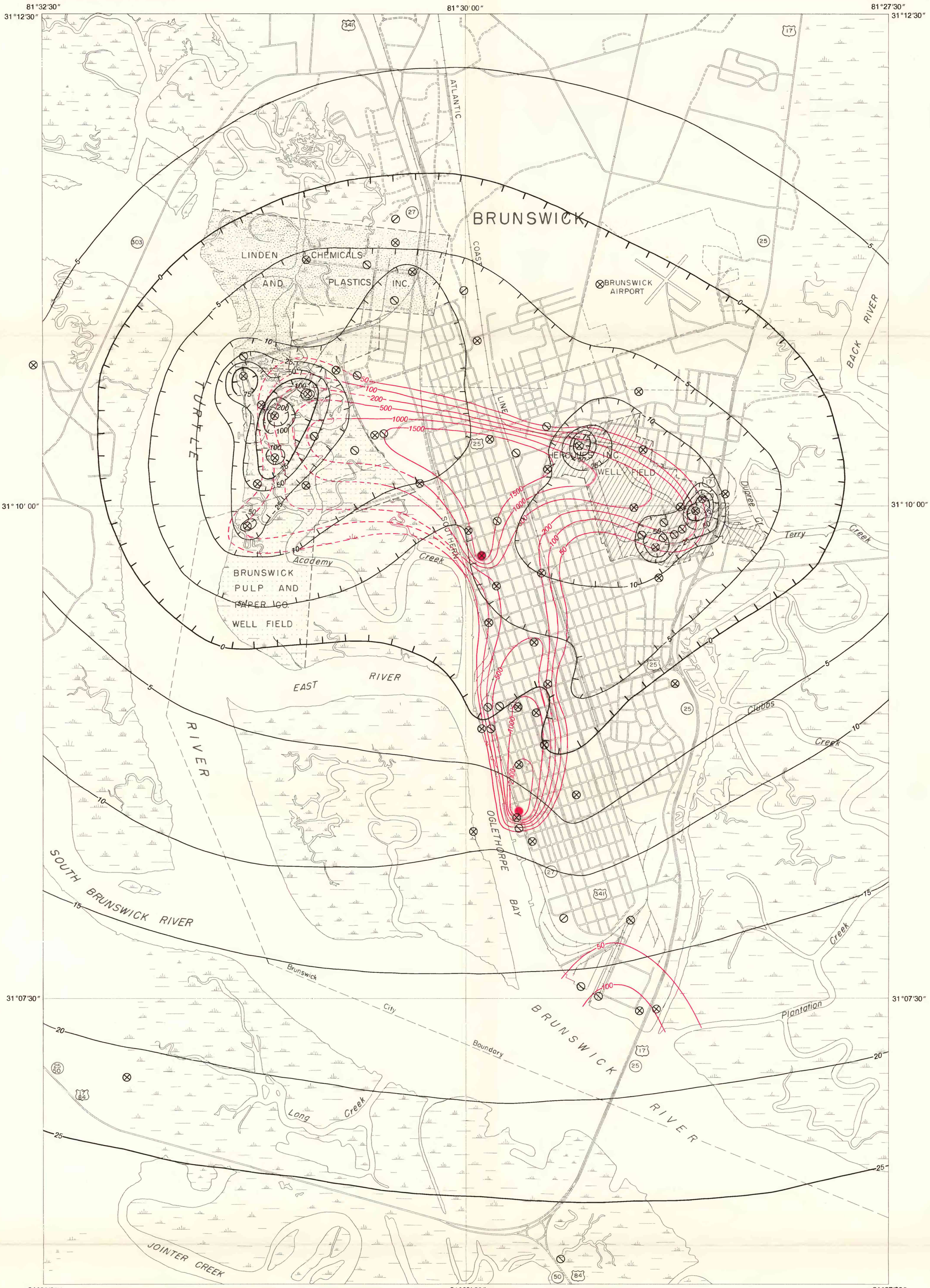

Base modified from U.S. Geological Survey
1:24,000 Quadrangles:
Brunswick East and
Brunswick West, Georgia, 1956;
Jekyll Island, Georgia, 1957;
Dover Bluff, Georgia, 1961

SCALE 1:24000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

EXPLANATION

—20— POTENTIOMETRIC CONTOUR—Shows altitude at which water level would have stood in tightly cased wells. Hachures indicate depression. Contour interval, in feet, is variable. National Geodetic Vertical Datum of 1929

—500- - LINE OF EQUAL CHLORIDE CONCENTRATION—Dashed where approximately located. Interval, in milligrams per liter, is variable

● INFERRED LOCATION OF POINT SOURCE OF SALTWATER INTRUSION

DATA POINT LOCATION

⊘ Water level

⊘ Chloride

⊗ Water level and chloride

RELATION BETWEEN THE POTENTIOMETRIC SURFACE AND CHLORIDE CONCENTRATION OF WATER FROM THE UPPER FLORIDAN AQUIFER, BRUNSWICK, GEORGIA, 1980