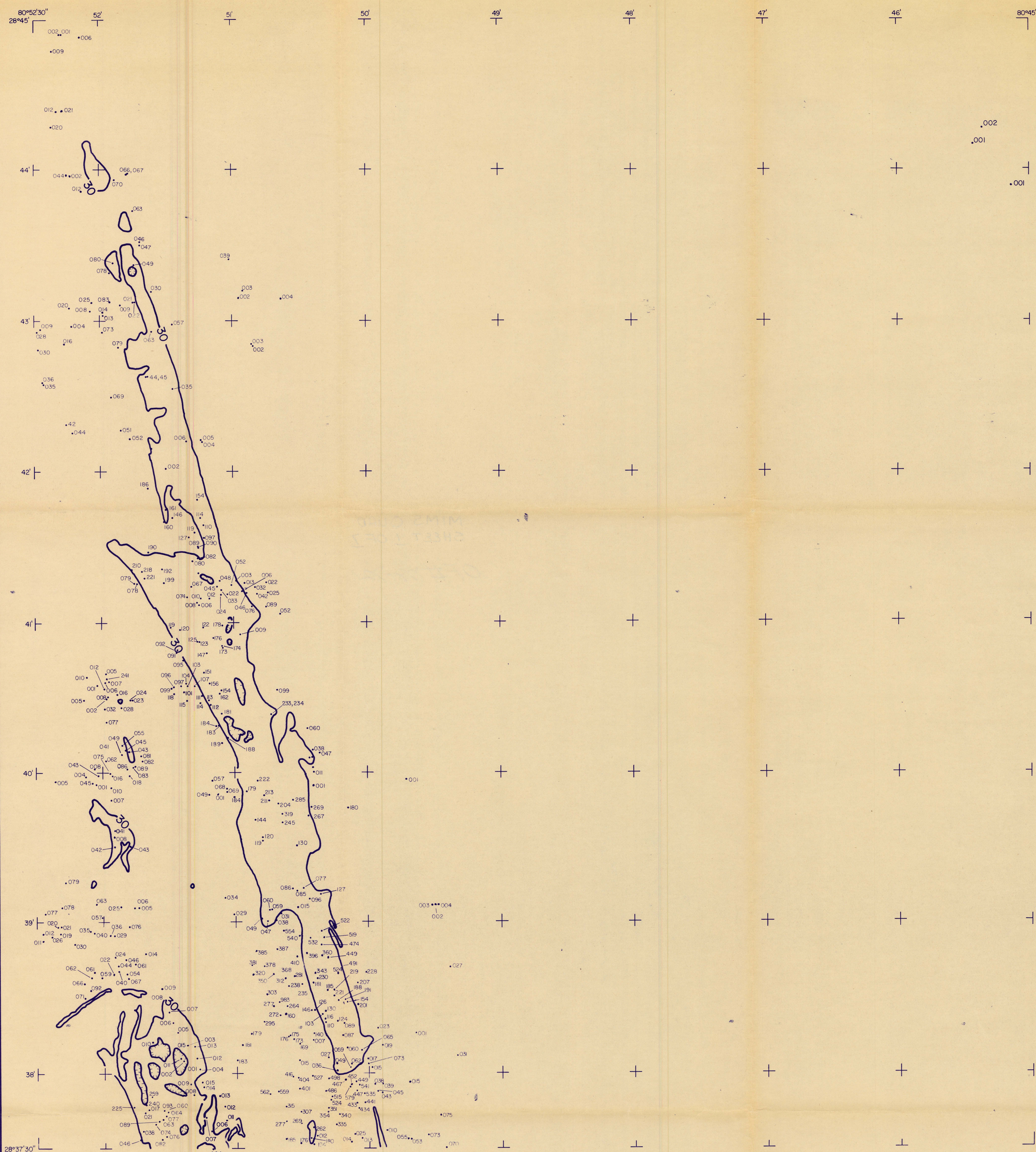




MIMS QUADRANGLE, FLORIDA,
1949, PHOTOREVISED 1970,
7.5-minute series, 1:24000

Charles Marple, Frank Matley, Sam Reyna, and Richard Wheelus. The Brevard Water Well Survey consisted of as many as 19 members during the course of the investigation.

Brevard County is an area of some 1,300 square miles located on the east coast of central Florida. The Mims quadrangle, in northern Brevard County, includes part of the Atlantic Coastal Ridge, an area of relatively high sand ridges generally above 30 feet in altitude (sheet 1).

The purpose of this report is to present ground-water data in a usable, readily available format for contingency planning needs. The report includes a complete inventory of wells, water-level measurements in selected wells, sampling selected wells for water-quality analysis, literature search, and storage of all data in the U.S. Geological Survey computer bank or manual data library. Wells shown on sheet 1 are those used in the preparation of this report.

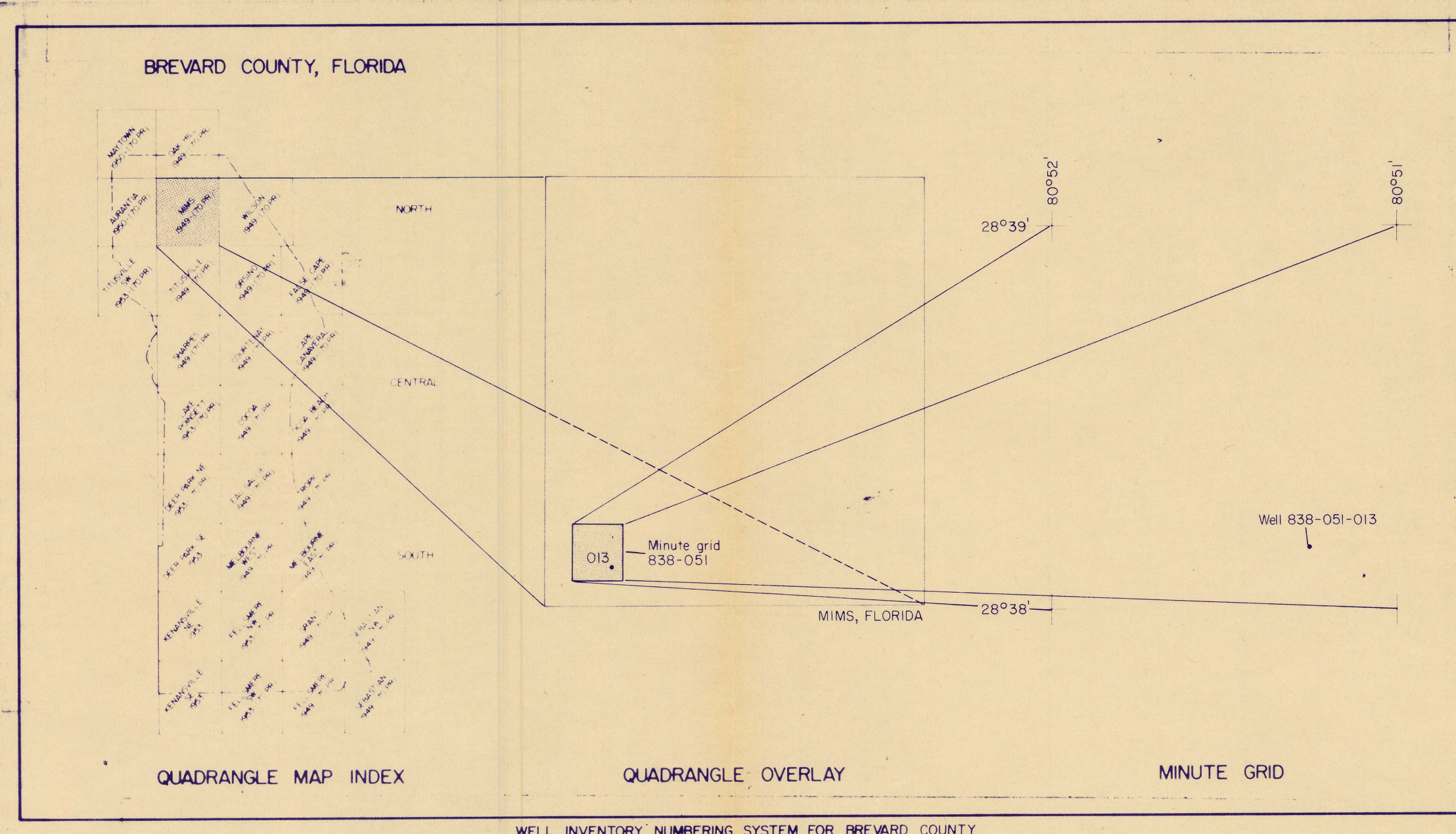
The authors wish to acknowledge the assistance of the Brevard County Planning Department, County Engineers' Office, Cartography Department; North Brevard Water Board; Agricultural Extension Service; city of Titusville; the well drillers of Brevard County; and the cooperation of local residents.

The well-numbering system used in this report is based on latitude and longitude coordinates derived from a grid of 1-minute parallels of latitude and meridians of longitude (sheet 1). Wells within these minute grids are assigned numbers that consist of the last digit of the minute of latitude, the last digit of the line of latitude on the south side of the grid, the last digit of the degree and the two digits of the minute of the line of longitude on the east side of the grid, and a sequence number assigned in the order in which the well within the minute grid was inventoried. For example, well 13131 was inventoried in the 1-minute grid north of latitude 28°38' and west of longitude 80°51'.

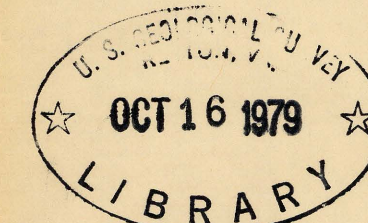
Brevard Water Well Survey

This report was prepared by the U.S. Geological Survey and the Brevard Water Well Survey team in cooperation with the Brevard County Board of County Commissioners. The Brevard Water Well Survey is funded through the Comprehensive Education and Training Act and sponsored by the U.S. Geological Survey, the Development Division, Brevard County Planning Department. Primary supervision of the Brevard Water Well Survey was under the U.S. Geological Survey as principal investigator. The following individuals of the U.S. Geological Survey were instrumental in the production of this report: Ann Edwards, Carroll Guthrie, Robert McConnell,

In order to conserve space on sheet 1, only the well sequence number is shown. The well number can be reconstructed if necessary by gridding off the maps according to the latitude and longitude tick marks in sheet 1 and observing the methodology in the preceding paragraph.



By
James M. Frazee, Jr.,
and
C. P. Laughlin
1978



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sheet 1
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