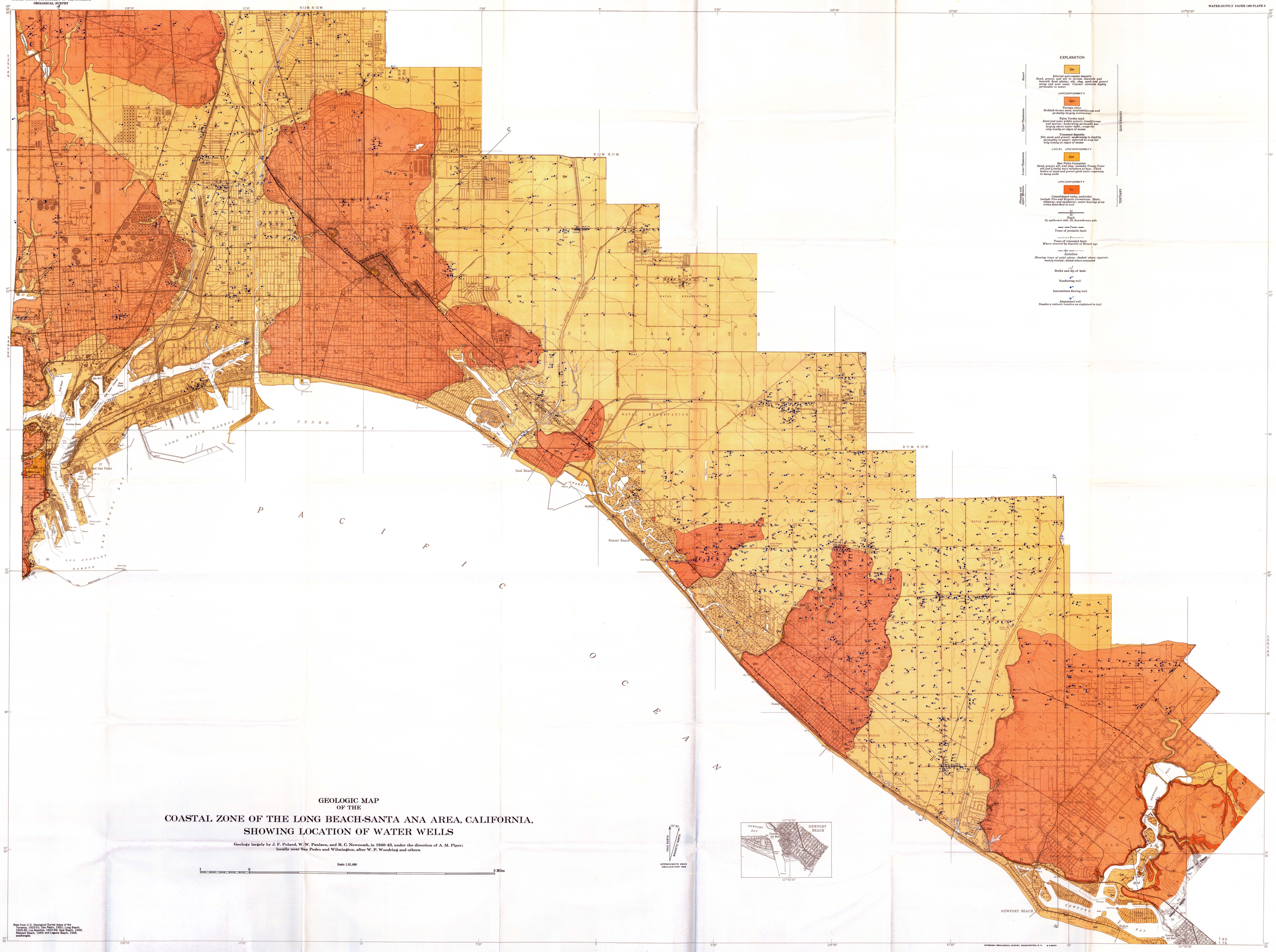
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



GEOLOGIC MAP OF THE COASTAL ZONE OF THE LONG BEACH-SANTA ANA AREA, CALIFORNIA, SHOWING LOCATION OF WATER WELLS

Geology largely by J. F. Poland, W. W. Paulsen, and R. C. Newcomb, in 1940-43, under the direction of A. M. Piper; locally near San Pedro and Wilmington, after W. P. Woodring and others

Base from U.S. Geological Survey maps of the Terrace, 1923-51; San Pedro, 1951; Long Beach, 1923-49; Los Alamitos, 1923-49; Seal Beach, 1949; Newport Beach, 1949; and Laguna Beach, 1948, quadrangles

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