UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER-SUPPLY PAPER 1464 PLATE 20

EXPLANATION

Land-surface contour
*Interval is 10 feet in the Putah area, 20 feet in the Suisun-Fairfield area. Datum is mean sea level*

Hilly and mountainous area
*Underlying materials range from pre-Pliocene consolidated sedimentary rocks, which are essentially non-water-bearing and are penetrated by few wells, to the Tehama and related continental sediments in the Putah area and the Sonoma volcanics in the Suisun-Fairfield area, which are water-bearing rocks of low to moderate productivity*

Valley-floor area
*Underlain by essentially undeformed and unconsolidated Quaternary alluvium, which consists of lenticular fluviatile deposits ranging from clay and silt of very low permeability to highly permeable sand and gravel*

Sample from stream or canal

Sample from well
*At each well the letter and number (G1) refers to well number within the section as explained in text. The upper number (300) indicates chloride content in parts per million. The middle number (417) indicates hardness as calcium carbonate, in parts per million. Slant number (427) indicates depth of well, in feet (whole number represents depth reported by owner or from driller's log; decimal number indicates measured depth)*

0 5000 Micrombos

Diameter of circle indicates specific conductance in micrombos at 25°C

18°

TRUE NORTH

MAGNETIC NORTH

Scale 1:96,000

1 0 4 Miles

MAP OF THE PUTAH AND SUISUN-FAIRFIELD AREAS, SOLANO COUNTY, CALIFORNIA, SHOWING CHLORIDE CONTENT, HARDNESS, AND SPECIFIC CONDUCTANCE OF WATER FROM SELECTED WELLS AND STREAMS

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