



UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
1949

PLATE I. MAP OF DEER VALLEY, MARICOPA COUNTY, ARIZONA
SHOWING GEOLOGY, LOCATIONS OF WELLS, DEPTH
TO WATER, AND GROUND WATER CONTOURS



EXPLANATION

- | | | | |
|--|--|--|---|
| | QUATERNARY ALLUVIUM | | WATER-BEARING PROPERTIES
PRINCIPAL AQUIFER OF THE AREA. YIELDS WATER
FROM SAND AND GRAVEL LAYERS. |
| | OLDER QUATERNARY SEDIMENTS | | YIELD LIMITED SUPPLIES. |
| | IGNEOUS AND METAMORPHIC ROCKS | | YIELD LIMITED SUPPLIES FROM FRACTURES
AND WEATHERED ZONES |
| | QUATERNARY VOLCANIC ROCKS | | CONTACT NOT ACCURATELY LOCATED |
| | OREACEOUS AND TERTIARY VOLCANIC ROCKS | | |
| | GRANITE, GNEISS, OR SCHIST
(PROBABLY PRE-CAMBRIAN) | | IRRIGATION WELL |
| | PROBABLE FAULT | | UNUSED IRRIGATION WELL |
| | WELL NUMBERS AND
DEPTH TO WATER, IN FEET, FALL 1948 | | DOMESTIC OR STOCK WELL |
| | GROUND-WATER CONTOUR, SPRING 1941 | | UNUSED DOMESTIC OR STOCK WELL |
| | GROUND-WATER CONTOUR, FALL 1948 | | |

GEOLOGY BY H. M. WOOLCOTT; WELL LOCATIONS BY F. I. BLUMH AND H. E. SKIBITZKE