

# FIGURE I.- GEOLOGIC MAP OF RED ROCK QUADRANGLE, ARIZONA

51-199

## EXPLANATION

### SEDIMENTARY ROCKS

Qal

UNCONSOLIDATED AND WEAKLY CONSOLIDATED GRAVEL, SAND, AND SILT FILLING VALLEY BASINS TO DEPTHS OF MORE THAN 600 FEET; PRINCIPAL AQUIFER. IN SUBSURFACE PROBABLY INCLUDES PLEISTOCENE AND POSSIBLY INCLUDES LATE TERTIARY MATERIAL.

Qs

GRAY, BUFF, AND RED SANDSTONES AND CONGLOMERATES IN SILVERBELL MTS.

TKs

CONGLOMERATE INTERBEDDED WITH VOLCANIC ROCKS AT SOUTHEAST TIP OF PICACHO PEAK.

QUATERNARY(?)

TERTIARY(?) AND CRETACEOUS(?)

### IGNEOUS ROCKS

Qb

OLIVINE BASALT OF PICACHO PEAK PLUG INTRUDED THROUGH OLDER VOLCANICS.

Qa

ANDESITE PORPHYRY DIKE IN SILVERBELL MTS.

Qv

VOLCANIC FLOWS AND TUFFS, PRINCIPALLY BASALT, BUT INCLUDING LESS BASIC ROCKS IN SILVERBELL MTS.

TKv

VOLCANIC FLOWS AND FRAGMENTAL ROCKS.

Ugr

GRANITE PEDIMENT IN SILVERBELL MTS.

QUATERNARY(?)

TERTIARY(?) & CRETACEOUS(?)

PRE-CAMBRIAN(?)

### METAMORPHIC ROCKS

Um

GNEISS AND SCHIST IN PICACHO MTS. AND OUTLYING HILLS.

### SYMBOLS



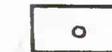
KNOWN FAULT



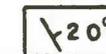
HYPOTHETICAL FAULT



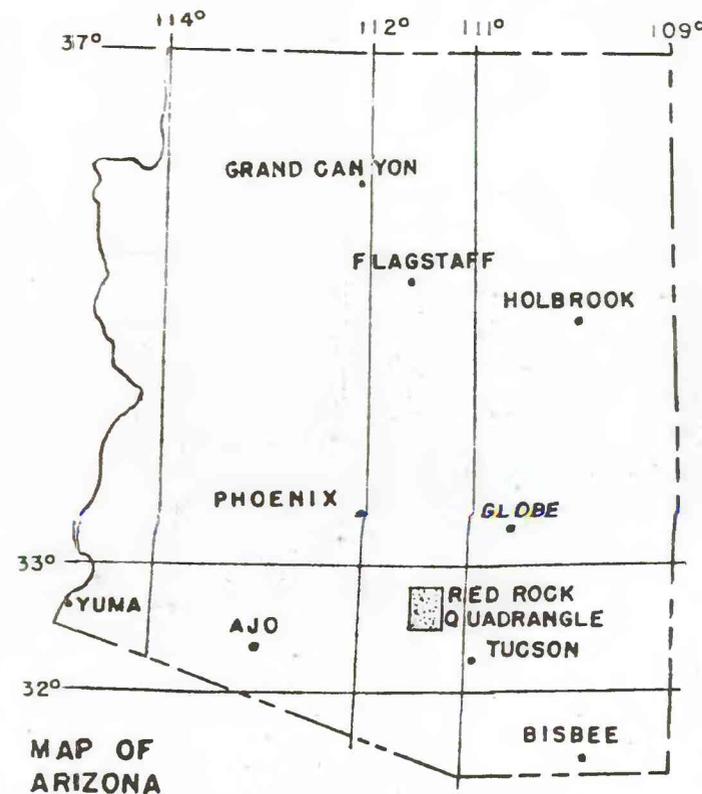
EARTH FISSURE



WATER WELL



20° STRIKE AND DIP OF SEDIMENTARY AND FLOW ROCKS



SCALE



MILES