FIGURE 1: GEOLOGIC MAP OF RED ROCK QUADRANGLE, ARIZONA

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.

Qv
Gray, buff, and red sandstones and conglomerates in Silverbell Mts.

TKs
Conglomerate interbedded with volcanic rocks at southeast tip of Picacho Peak.

EXPLANATION

QUATERNARY

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.

IGNEOUS ROCKS

METAMORPHIC ROCKS

Ump
Gneiss and schist in Picacho Mts. and outlying hills.

SYMBOLS

Known fault
Hypothetical fault
Earth fissure
Water well
Strike and dip of sedimentary and flow rocks

SCALE

MAP OF ARIZONA

1 0 1 2 3 4
MILES