DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OFFICE OF ENERGY RESOURCES
OCT 26 1976

Base from U.S. Geological Survey
Mc Fadden Peak and Rockinstraw Mtn, 1949, 1:62,500; Armer Mountain, Copper Mountain, Greenback Creek, Fixture Mtn, Theodore Roosevelt Dam, and Windy Hill, 1964, 1:24,000

SCALE 1:48 000

CONTOUR INTERVAL FEET
DATUM IS MEAN SEA LEVEL

Geology modified from Bergquist and others (1980) and from A. F. Shride (unpub. mapping, 1967)

SIERRA ANCHA WILDERNESS, ARIZONA

CORRELATION OF MAP UNITS

QTu — QUATERNARY AND TERTIARY
Cs, Ydb, Yt, Ym, Yds, Yp, Yr, Ypr, Yu — PROTEROZOIC Z
CAMBRIAN

LIST OF MAP UNITS

QTu Alluvial and colluvial deposits, undivided (Quaternary and Tertiary)
Cs Sandstone (Cambrian)
Ydb Diabase (Proterozoic Y)
Yt Troy Quartzite (Proterozoic Y)
Ym Mescal Limestone (Proterozoic Y)
Yds Dripping Spring Quartzite (Proterozoic Y)
Yp Pioneer Formation (Proterozoic Y)
Yr Ruin Granite (Proterozoic Y)
Ypr Pioneer Formation and Ruin Granite, undivided (Proterozoic Y)
Yu Dripping Spring Quartzite, Pioneer Formation, and Ruin Granite, undivided (Proterozoic Y)

CONTACT

FAULT—Dotted where concealed, dashed where inferred

X CASTLE PK PROMINENT TOPOGRAPHIC FEATURE

LOCATION OF KNOWN MINERALIZATION—From Granger and Raup (1969a, 1969b), Light (1980), and Shride (1969)

A Asbestos
F Fluorine
C Copper
Fe Iron
U Uranium

APPROXIMATE BOUNDARY OF SIERRA ANCHA WILDERNESS AREA

APPROXIMATE BOUNDARY OF SALOME STUDY AREA

RADIOMETRIC CONTOUR—Contour intervals 1 and 2. Hachures indicate closed area of lower values. Values expressed in arbitrary units

PLEASE RETURN TO WILDERNESS FILE IN BACK OF BOUND VOLUME

PLATE 2. RADIOMETRIC MAP OF APPARENT SURFACE DISTRIBUTION OF eU