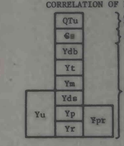
SIERRA ANCHA WILDERNESS, ARIZONA

CORRELATION OF MAP UNITS



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 (1949)

(A) Asbestos

(F) Fluorine

(C) Copper

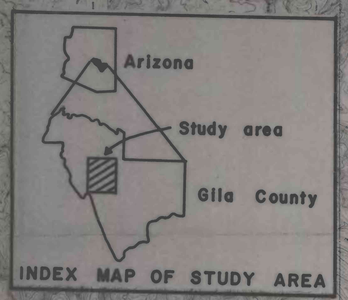
(Fe) Iron

(U) Uranium

APPROXIMATE BOUNDARY OF SIERRA ANCHA WILDERNESS AREA

APPROXIMATE BOUNDARY OF SALOME STUDY AREA

RADIOMETRIC CONTOUR--Contour Interval 1, 2, and 4. Hachures indicate closed area of lower values. Values expressed in arbitrary units



INDEX MAP OF STUDY AREA

111°10' 111°05' 111°00' 110°55' 110°50'

34°00' 33°55' 33°50' 33°45'

Base from U.S. Geological Survey
Mt. Baldy Peak and Buckhead Mesa, 1949, 1:62,500; Greer Mountain, Coyote Mountain, Greenback Creek, Pioneer Mtn, Theodore Roosevelt Dam, and Windy Hill, 1964, 1:24,000

SCALE 1:48 000

1 0 1 2 3 MILES

1 0 1 2 3 KILOMETERS

CONTOUR INTERVAL FEET
DATUM IS MEAN SEA LEVEL

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

PLATE 3. RADIOMETRIC MAP OF APPARENT SURFACE DISTRIBUTION OF eTh