DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

80-2000
PLATE 6 OF 6

SIERRA ANCHA WILDERNESS, ARIZONA

CORRELATION OF MAP UNITS

QTu		QUATERNARY AND TERTIARY
Cs		CAMBRIAN
Ydb		PROTEROZOIC Y
Yt		
Ym		
Yds		
Yp		
Yr		
Yu	Ypr	

U.S. GEOLOGICAL SURVEY DENVER DEC 8 1960 LIBRARY GEOLOGIC DIVISION

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)

PLEASE REPLACE IN BACK OF BOUND VOLUME

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

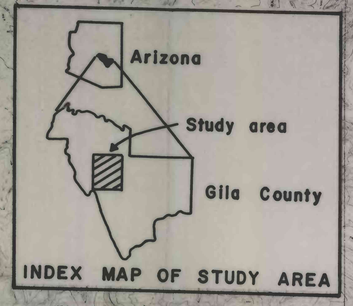
(U) Uranium

APPROXIMATE BOUNDARY OF SIERRA ANCHA WILDERNESS AREA

APPROXIMATE BOUNDARY OF SALOME STUDY AREA

RADIOMETRIC CONTOUR--Contour interval 2. Hachures indicate closed area of lower values. Values expressed in arbitrary units

INDEX MAP OF STUDY AREA



111°10' 111°00' 110°50' 34°00' 33°55' 33°50' 33°45'

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

SCALE 1:48 000

CONTOUR INTERVAL FEET
DATUM IS MEAN SEA LEVEL

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

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

PLATE 6. RADIOMETRIC MAP OF APPARENT SURFACE DISTRIBUTION OF eU/K