UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COWLIC QUADRANGLE
ARIZONA—PIMA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 SELLS 15' QUADRANGLE

3647 I (GU OIDAK 1:62 500)
3647 IV NW (SELLS WEST)
3647 IV NE (SELLS EAST)
3647 II (LA LESNA MTS.) 1:62 500
3647 III NW (VAMORI)
3647 IV SW (TOPAWA)
3647 IV SE (TOPAWA)
(SOUTH KOMELIK) 3647 III NE

112°00′ 31°52′30″ 111°52′30″ 31°45′
480 000 FEET
510 000 FEET
310 000 FEET
280 000 FEET
SELLS 9 MI.
GU OIDAK 6 MI.
VAMORI 3.8 MI.
TOPAWA 4.1 MI.
R 4 E
R 5 E

SELLS VALLEY
ARTESA MOUNTAINS
PAPAGO INDIAN RESERVATION
VAMORI VALLEY
ALVAREZ MTS.
Corral
Well 2096
Cem
Cowlic
BM 2098
Wells
Fresnal Wash
Vamori Wash
Fresnal Wash
Baboquivari Wash
Well 2358
JEEP TRAIL
JEEP TRAIL
Aspass 3241
BM 2151
BM 2240
BM 2192
Vopolo Havoka
2176
Vopolo Havoka (Site)
2143
2184
2271
2232
2322
2126
2135
2253
2283
2254
2293
2972
2685
2709
2678
2586
2519
2432
2601
2373
2698
2521
2938
2679
2927
2769
3247
2343
2616
2445

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1974. Field checked 1975.
Map edited 1979

Projection and 10,000-foot grid ticks: Arizona coordinate system, central zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 12
1927 North American datum
To place on the predicted North American Datum 1983 move the projection lines 7 meters south and 65 meters east as shown by dashed corner ticks

Where omitted, land lines have not been established

There may be private inholdings within the boundaries of the National or State reservations shown on this map

GN MN 0°30′ 9 MILS 13° 231 MILS
UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ARIZONA
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route U. S. Route State Route

• INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1980

MAR - 5 1980

COWLIC, ARIZ.
SW/4 SELLS 15' QUADRANGLE
N3145—W11152.5/7.5
1979
DMA 3647 IV SW—SERIES V898

USGS
Historical File
Topographic Division

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