UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LONG HOUSE VALLEY QUADRANGLE
ARIZONA—NAVAJO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3957 II NE (BETATAKIN RUIN)

3957 II NE (KAYENTA WEST)

3957 III NW (MARSH PASS)

3957 III SW (MARSH PASS SE)

3956 IV NW (GREAT SPRING)

3956 IV NE (YUCCA HILL)

3956 I NE (BLACK MESA WASH NE)

KAYENTA (VIA U.S. 163) 16 MI.
TSEGI 2.5 MI.

TUBA CITY 52 MI.
COW SPRINGS 21 MI.

NAVAJO NAT'L. MON. HDQRS. 4.5 MI.

PINON 47 MI.

PINON 40 MI.

House Canyon
Long House Ruin
HOUSE VALLEY
LONG
PIPELINE
TRAIL
JEEP TRAIL
PACK TRAIL
NAVAJO INDIAN RESERVATION
Spring
Water
Yellow Water Canyon
Coal Mine Canyon
Wild Ram Valley
Wash
Canyon
Prospect
Prospects
Coal Mine
Coal Well
Well
Radio Towers
Landing Strip
Beda Tohie
BM 6866
BM 6889
BM 6717
BM 6329

INDIAN RESERVATION BDY
NAVAJO-HOPI JOINT USE AREA BDY

110°30′ 36°37′30″ 110°22′30″ 36°30′
545000m E. 555000m E.
410 000 FEET
2 040 000 FEET
2 010 000 FEET
4053000m N. 4040000m N.

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1967 and 1970. Field checked 1968 and 1971

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Land lines have not been established in this area

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 0°20′ 6 MILS 14° 249 MILS

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

ARIZONA
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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N3630—W11022.5/7.5

1971

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