UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EAST OF DOUGLAS QUADRANGLE
ARIZONA–SONORA
7.5 MINUTE SERIES (TOPOGRAPHIC)

109° 30′ — 27′ 30″ — 25′ — 109° 22′ 30″
31° 22′ 30″ — 31° 15′
740000 FEET
643000mE 644 645 646 647 648 649 650 651 652 653 654 654000mE
3472 3471 3471000mN 3470 3470 130 000 FEET 3469 3468 3467 3466 3465 3464 3463 17′ 30″ 3462 3461 100 000 FEET 3460 3459 3459000mN
T24S
20′

SULPHUR SPRINGS VALLEY
PERILLA MOUNTAINS
Douglas Municipal Airport
D Hill
Gravel Pit
Well
Mine Shaft
Prospects
Prospect
Sand
Radio Tower
BM 4287
BM 4564
BM 4421
BM 4240
MON 83
MON 82
MON 81
MON 20
UNITED STATES OF AMERICA
ESTADOS UNIDOS MEXICANOS
ARIZONA
SONORA
COCHISE CO
El Bajito la Engorda
El Potrerito
El Alamito
El Nogalito
El Endi
El Cumaral
C. Gallardo
Gallardo
C. La Angostura
La Angostura
La Bellota
C. Las Mulas
C. La Misa
C. La Aguja
C. La Borrega
La Borrega
La Piedra Bola
C. La Piedra Bola
La Mesa
San Antonio
Los Cuates
C. Cristal
Las Chabelas
Las Peñitas
T24S

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check. 2

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA, IBC AND DGG
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1979
FIELD CHECKED ..... 1981. MAP EDITED.....1985
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 12
10,000-FOOT STATE GRID TICKS ..... ARIZONA, EAST ZONE
UTM GRID DECLINATION ..... 0°49′ EAST
1985 MAGNETIC NORTH DECLINATION ..... 11°30′ EAST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (11 meters south and 59 meters east)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
Mexico portion copied from DGG 1:50,000-scale map, Agua Prieta H12B35, dated 1982

NORTH

SCALE 1:24 000
1 .5 0 KILOMETERS 1 2
1000 0 METERS 1000 2000
1 .5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
FEET

CONTOUR INTERVAL 40 FEET IN THE UNITED STATES
CONTOUR INTERVAL 20 METERS IN MEXICO

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

THE U.S. PORTION OF THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY CENTRO DE ASESORIA Y VENTA DE INFORMACIÓN ESTADÍSTICA Y CARTOGRÁFICA
BALDERAS #71, MEZZANINE, MEXICO 1, D.F.
A FOLDER DESCRIBING U.S. TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE FROM USGS

INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA-1986

ARIZONA
QUADRANGLE LOCATION

1	2	3	1 Douglas NE 2 College Peaks 3 Cinder Hill 4 Douglas 5 San Bernardino Ranch 6 7 8
4		5	
6	7	8	

ADJOINING 7.5′ QUADRANGLE NAMES

ROAD LEGEND
Improved Road .....
Unimproved Road .....
Trail .....
Interstate Route U.S. Route State Route

EAST OF DOUGLAS, ARIZ.–SON.
PROVISIONAL EDITION 1985
31109-C4-TF-024

USGS NMD HISTORICAL MAP
FEB 18 1986
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