UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GEOLOGIC MAP OF THE BULVERDE QUADRANGLE, TEXAS
BUREAU OF ECONOMIC GEOLOGY OPEN-FILE MAP
1993

OFM 0022
BULVERDE QUADRANGLE
TEXAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

6343 I SE (IBERGHEIM)
6343 I SW (ANHALT)
6343 I V SE (SMITHSON VALLEY)
6343 I V SW (LONGHORN)
6343 II NE (CAMP BULLIS)
6343 II NW (CASTLE HILLS)
6343 III SW (LONGHORN)
6343 III NW (SCHERTZ)
6343 IV NE (BAT CAVE)

BLANCO 25 MI.
3.4 MI. TO TEX. 46
NEW BRAUNFELS (TEX. 46) 13 MI.
1.3 MI. TO TEX. 2696
8 MI. TO INTERSTATE 410

Rev. 1, 8-1994

Mapped, edited, and published by the Geological Survey
Revised in cooperation with the Texas Water Development Board

Control by USGS and NOS/NOAA

Topography by the Army Map Service by photogrammetric methods from aerial photographs taken 1952. Field checked 1953. Revised by USGS from aerial photographs taken 1986. Field checked 1987
Map edited 1988

Projection and 10,000-foot grid ticks: Texas coordinate system, south central zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 14
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 20 meters south and 29 meters east as shown by dashed corner ticks

Fine red dashed lines indicate selected fence lines

Red tint indicates areas in which only landmark buildings are shown

UTM GRID AND 1988 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
DIAGRAM IS APPROXIMATE

SCALE 1:24 000

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

BUREAU ECONOMIC GEOLOGY
Geology by E.W. COLLINS
1993

TEXAS
QUADRANGLE LOCATION

Part of geology modified from Abbott (1973)
2998-423

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

BULVERDE, TEX.
29098-F4-TF-024

1988

DMA 6343 III NW—SERIES V882

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1988

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