UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GEOLOGIC MAP OF THE CASTLE HILLS QUADRANGLE, TEXAS
BUREAU OF ECONOMIC GEOLOGY OPEN-FILE MAP
1994

CASTLE HILLS QUADRANGLE
TEXAS–BEXAR CO.
7.5 MINUTE SERIES TOPOGRAPHIC

(6243 I I NW IVAN RAUB)
(6243 I I NW BULVERDE)
(6243 I I NE CAMP BULLIS)
(6243 I I SW HELOTES)
(6243 I I SW LONGHORN)
(CULEBRA HILL 6242 I NW)
(SAN ANTONIO WEST 6242 I NE)
(SAN ANTONIO EAST 6242 I NW)

Mapped by the Army Map Service
Edited and published by the Geological Survey
Rev. 1, 6-1995
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1952. Field annotated 1953. Revised by Geological Survey from aerial photographs taken 1966. Field checked 1967

Polyconic projection. 1927 North American datum
10,000-foot grid based on Texas coordinate system, south central zone
1000-metre Universal Transverse Mercator grid ticks, zone 14, shown in blue

Red tint indicates areas in which only landmark buildings are shown

Fine red dashed lines indicate selected fence lines

Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1973. This information not field checked

Purple tint indicates extension of urban areas

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

Geology by E. W. Collins
1994
Part of geology modified from Arnow (1959) and Shaw (1974)

TEXAS
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

CASTLE HILLS, TEX.
N2930–W9830/7.5

1967
PHOTOREVISED 1973
AMS 6243 II SE–SERIES V882

QAd8289

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1975