GEOLOGIC MAP OF THE FORTRESS CLIFF QUADRANGLE, TEXAS

BUREAU OF ECONOMIC GEOLOGY OPEN-FILE MAP

1998

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FORTRESS CLIFF QUADRANGLE
TEXAS—RANDALL CO
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 WAYSIDE 15' QUADRANGLE

5654 III SE (THE PALISADES) · 5654 II SW (THOMAS RANCH) · 5654 I SE (FAIRVIEW) · 5653 IV (CANYON) 1:62 500 · 5653 I (WAYSIDE 1:62 500)

Geology by J. A. Raney and E. W. Collins

1998

Part of the geology modified from Johnston and Savage (1955), Hood (1977), and Gustavson and Simpkins (1981).

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography from aerial photographs by multiplex methods and by planetable surveys 1956. Aerial photographs taken 1953

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

Revisions shown in purple compiled from aerial photographs taken 1976. Map edited 1977. This information not field checked

UTM GRID AND 1977 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION
Light-duty
Unimproved dirt
State Route

TEXAS
QUADRANGLE LOCATION

FORTRESS CLIFF, TEX
NW/4 WAYSIDE 15' QUADRANGLE
N3452.5—W10137.5/7.5

1956
PHOTOREVISED 1977
AMS 5653 I NW—SERIES V882

● INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978