UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF TEXAS
TEXAS WATER DEVELOPMENT BOARD

GEOLOGIC MAP OF THE SMITHSON VALLEY QUADRANGLE, TEXAS
BUREAU OF ECONOMIC GEOLOGY OPEN-FILE MAP
1992

SMITHSON VALLEY QUADRANGLE
TEXAS—COMAL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

6343 I NW (SPRING BRANCH)
6343 I NW (DEVILS BACKBONE)
6343 IV NE (FISCHER)
6343 IV SW (ANHALT)
6343 I SW (SATTLER)
6343 III NW (BULVERDE)
6343 III NE (BAT CAVE)
6343 I NW (NEW BRAUNFELS WEST)

98°22′30″ 29°52′30″ 98°15′ 29°52′30″
29°45′ 98°22′30″ 29°45′ 98°15′
2 200 000 FEET 2 230 000 FEET
740 000 FEET 700 000 FEET
561000m E. 570000m E.
3304000m N. 3292000m N.
20′ 17′30″ 50′ 47′30″

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1963. Field checked 1964

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

Fine red dashed lines indicate selected fence lines

Areas covered by dashed light-blue pattern are subject to controlled inundation

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

Rev. 1, 8-1994

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
MN GN 0°20′ 6 MILS 8½° 151 MILS

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETRE
CONTOUR INTERVAL 20 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 OF ECONOMIC GEOLOGY
Geology by E.W. Collins
1992

Part of geology modified from Abbott (1973)

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

SMITHSON VALLEY, TEX.
N2945—W9815/7.5

1964
PHOTOREVISED 1973
AMS 6343 IV SE—SERIES V882

☆ INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1975

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