GEOLOGIC MAP OF THE LEANDER NE QUADRANGLE, TEXAS

BUREAU OF ECONOMIC GEOLOGY OPEN-FILE MAP

1998

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF TEXAS
TEXAS WATER DEVELOPMENT BOARD

LEANDER NE QUADRANGLE
TEXAS–WILLIAMSON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

6445 IV SW (MONUMENT)
6445 IV SE (FLORENCE)
6445 ISW (COBBS CAVERN)
6445 III NW (LIBERTY HILL)
6445 II NW (GEORGETOWN)
(NAMELESS) 6445 III SW
(ROUND ROCK) 6445 II SW
(LEANDER) 6445 III SE

97°52'30" 97°45' 30°45' 30°37'30" 42'30" 40' 50' 47'30"

608 609 610 611 612 613 614 615 616 617 618

2 810 000 FEET 2 780 000 FEET 400 000 FEET 360 000 FEET

3402000m N 3389000m N 618000m E

3402 3401 3400 3399 3398 3396 3395 3394 3393 3392 3391 3390 3389

ANDICE 3.8 MI. FLORENCE 8 MI.

0.1 MI. TO U.S. 183 6 MI. TO U.S. 81

LEANDER 3.3 MI. AUSTIN (STATE CAPITOL) 29 MI.

2.9 MI. TO TEX. 2243 GEORGETOWN 4 MI.

BURNET 24 MI. LIBERTY HILL 3 MI. LAMPASAS 38 MI. BRIGGS 17 MI.

Kc Ked Kwkv Kwcpbc Kgru Kgt QTa Qal Qt

Rocky Hollow Cem. Borrow Pit Jennings Branch Rocky Hollow Creek BR 910 BR 890 Well 967 Well 936 Well 973 Foree Cem. Rock House Anderson Thomas Hunt Cem. Hunt Crossing Bullion Cem. Bullion Hollow Swamp Spring Walnut Spring Taylor Hollow Taylor Fork Sawyer Spring Jenkins Cem. Russell Crossing Lake George Lake Georgetown Lake Georgetown RIVER Rocky Hollow Rocket Garden Spring Cedar Hollow Middle Fork San Gabriel River NORTH FORK SAN GABRIEL RIVER Jim Hogg Road Gravel Pit Gravel Pits Water Tank Union Hall Cem. Union Chapel Seward Junction

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1962. Field checked 1962

Polyconic projection. 1927 North American Datum
10,000-foot grid based on Texas coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 14, shown in blue
The difference between 1927 North American Datum and North American Datum of 1983 (NAD 83) for 7.5 minute intersections is given in USGS Bulletin 1875. The NAD 83 is shown by dashed corner ticks

Fine red dashed lines indicate selected fence lines

MN GN 0°35' 11 MILS 9° 160 MILS

UTM GRID AND 1962 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Map photoinspected 1976
No major culture or drainage changes observed

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

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

1998

TEXAS
QUADRANGLE LOCATION

3097–324

Part of the geology modified from Moore (1964).

ROAD CLASSIFICATION

Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt - - - - -
U.S. Route State Route

LEANDER NE, TEX.
30097-F7-TF-024

1962
PHOTOINSPECTED 1976
DMA 6445 III NE–SERIES V882

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1991

QAe749