GEOLOGIC MAP OF THE LULING QUADRANGLE, TEXAS

BUREAU OF ECONOMIC GEOLOGY OPEN-FILE MAP

1999

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LULING QUADRANGLE
TEXAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

(MARTINDALE) (MC MAHAN)

(DARST CREEK) (LOTTINE)

(KINGSBURY) (HARWOOD)

(LOCKHART SOUTH) (BELMONT)

Produced by the United States Geological Survey

Control by USGS, NOS/NOAA and USCE

Compiled by the Defense Mapping Agency from aerial photographs taken 1958. Revisions shown in purple and woodland compiled from aerial photographs taken 1986 and other sources and have been field checked. Map edited 1994. Conflicts may exist between some updated features and previously mapped contours

North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks : Texas Coordinate System, south central zone (Lambert Conformal Conic)
Blue 1000-meter Universal Transverse Mercator ticks, zone 14

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

Fine red dashed lines indicate selected fence lines

MN
GN
0°39'
12 MILS
6½°
116 MILS

UTM GRID AND 1994 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
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

1999

QUADRANGLE LOCATION

2997-313

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

LULING, TEX.
29097-F6-TF-024

1964
REVISED 1994
DMA 6443 II NW–SERIES V882

QAd9385

INTERIOR–GEOLOGICAL SURVEY, RESTON, VIRGINIA–1994