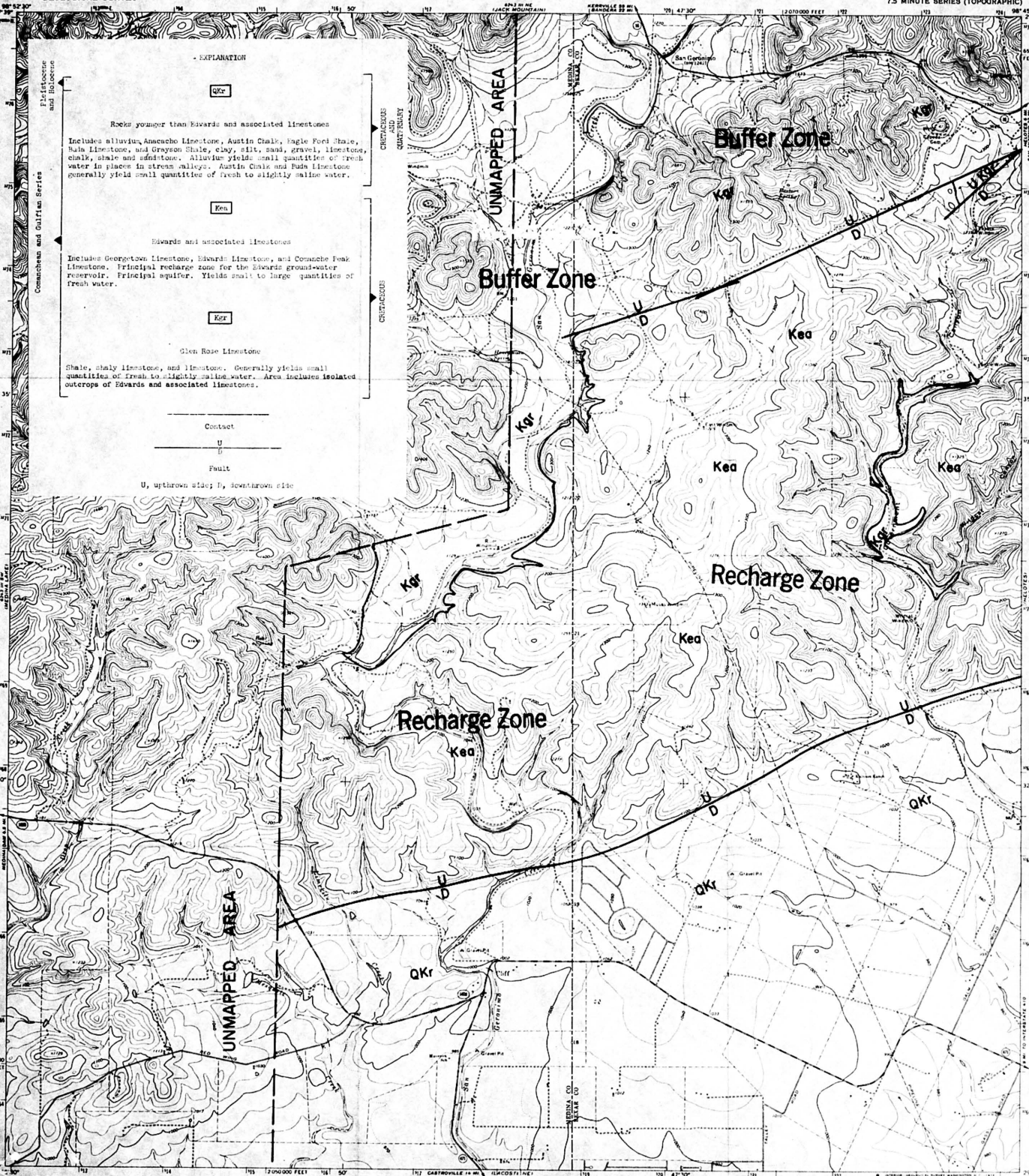
THE EDWARDS AQUIFER IN BEXAR COUNTY, TEXAS: SHEET 6, SAN GERONIMO QUADRANGLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ADVANCE PROOF
SUBJECT TO CORRECTION
SCALE 1:24 000
F

SAN GERONIMO QUADRANGLE
TEXAS
7.5 MINUTE SERIES (TOPOGRAPHIC)



EXPLANATION

Pleistocene and Holocene

QKr

Rocks younger than Edwards and associated limestones

Includes alluvium, Anacacho Limestone, Austin Chalk, Eagle Ford Shale, Buda Limestone, and Grayson Shale, clay, silt, sand, gravel, limestone, chalk, shale and sandstone. Alluvium yields small quantities of fresh water in places in stream valleys. Austin Chalk and Buda Limestone generally yield small quantities of fresh to slightly saline water.

CRETACEOUS AND QUATERNARY

Comanchean and Gulfian Series

Kea

Edwards and associated limestones

Includes Georgetown Limestone, Edwards Limestone, and Comanche Peak Limestone. Principal recharge zone for the Edwards ground-water reservoir. Principal aquifer. Yields small to large quantities of fresh water.

CRETACEOUS

Kgr

Glen Rose Limestone

Shale, shaly limestone, and limestone. Generally yields small quantities of fresh to slightly saline water. Area includes isolated outcrops of Edwards and associated limestones.

Contact

U
D

Fault

U, upthrown side; D, downthrown side

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1959. Field checked 1970

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

Fine red dashed lines indicate selected fence lines

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

OPEN FILE MAP

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Prepared by the U.S. Geological Survey
in cooperation with the
Edwards Underground Water District and the
Texas Water Development Board

TEXAS
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

SAN GERONIMO, TEX.
N2930—W9845/7.5
1970
AMS 6243 III SE—SERIES 682

Formerly Marine Lake Tex.
Plan Creek Prop.
AV B-1 (D) Pentine
NC

NOTE

RETURN TO:
ROCKY MOUNTAIN REGION ENGINEER
U.S. GEOLOGICAL SURVEY
MDG. 25, FEDERAL CENTER
DENVER, COLORADO 80225

SIGNATURE
TITLE
ADDRESS