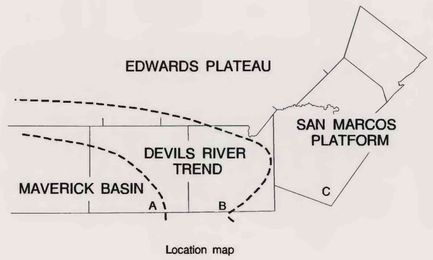
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
SAN ANTONIO WATER SYSTEM

WATER-RESOURCES INVESTIGATIONS REPORT 95-4186
Surficial geology-- PLATE 3
Maclay, R.W., 1995, Geology and hydrology of the Edwards aquifer in the San Antonio area, Texas



Location map

GEOLOGY NOT SHOWN IN THIS AREA

EDWARDS COUNTY
KINNEY COUNTY
VAL VERDE COUNTY
REAL COUNTY
UVALDE COUNTY
BANDERA COUNTY
MEDINA COUNTY
MAVERICK COUNTY
ZAVALA COUNTY
FRIO COUNTY
ATASCOSA COUNTY
WILSON COUNTY
GUADALUPE COUNTY
CALDWELL COUNTY
HAYS COUNTY
TRAVIS COUNTY
BLANCO COUNTY
KENDALL COUNTY
COMAL COUNTY
BEXAR COUNTY

BRACKETTVILLE
LAGUNA
SABINAL
UVALDE
HONDO
CASTROVILLE
LYTLE
NATALIA
DEVINE
SAN ANTONIO
HELOTES
DRIPPING SPRINGS
KYLE
SAN MARCOS
NEW BRAUNFELS
CANYON LAKE
MEDINA LAKE
CALAVERAS LAKE
BRAUNIG LAKE

SCALE 1:500 000
0 5 10 15 20 MILES
0 5 10 15 20 KILOMETERS

EXPLANATION

- ALLUVIAL AND LOW TERRACE DEPOSITS — HOLOCENE — QUATERNARY — CENOZOIC
- HIGH TERRACE DEPOSITS AND UVALDE GRAVEL — PLEISTOCENE — QUATERNARY — CENOZOIC
- REKLAW FORMATION, CARRIZO SAND, WILCOX GROUP, AND MIDWAY GROUP — PALEOCENE AND EOCENE — TERTIARY — CENOZOIC
- NAVARRO GROUP AND UPPER TAYLOR MARL — UPPER CRETACEOUS — CRETACEOUS — MESOZOIC
- ESCONDIDO FORMATION OF NAVARRO GROUP — UPPER CRETACEOUS — CRETACEOUS — MESOZOIC
- ANACACHO LIMESTONE — UPPER CRETACEOUS — CRETACEOUS — MESOZOIC
- AUSTIN CHALK — UPPER CRETACEOUS — CRETACEOUS — MESOZOIC
- IGNEOUS INTRUSIVE ROCKS
- EAGLE FORD SHALE, BUDA LIMESTONE, DEL RIO CLAY, AND GEORGETOWN FORMATION, UNDIVIDED — LOWER CRETACEOUS — CRETACEOUS — MESOZOIC
- AREAL SUBDIVISIONS - See location map (A) Salmon Peak, McKnight, and West Nueces Formations, in descending order, of Lozo and Smith (1964); (B) Devils River Limestone of Lozo and Smith (1964); and (C) Person and Kainer Formations, undivided, of the Edwards Group of Rose (1972) — LOWER CRETACEOUS — CRETACEOUS — MESOZOIC
- UPPER MEMBER OF GLEN ROSE LIMESTONE — LOWER CRETACEOUS — CRETACEOUS — MESOZOIC
- LOWER MEMBER OF GLEN ROSE LIMESTONE (INCLUDES TRAVIS PEAK FORMATION) — LOWER CRETACEOUS — CRETACEOUS — MESOZOIC
- CONTACT
- FAULT

Modified from University of Texas Bureau of Economic Geology, 1974a, b, c, 1977, 1981

Base modified from Texas Department of Transportation, 1:250,000
Lambert Conformal Conic projection
Standard parallels 33 and 45 degrees

MAP SHOWING SURFICIAL GEOLOGY OF THE SAN ANTONIO AREA, TEXAS

By
Robert W. Maclay

1995