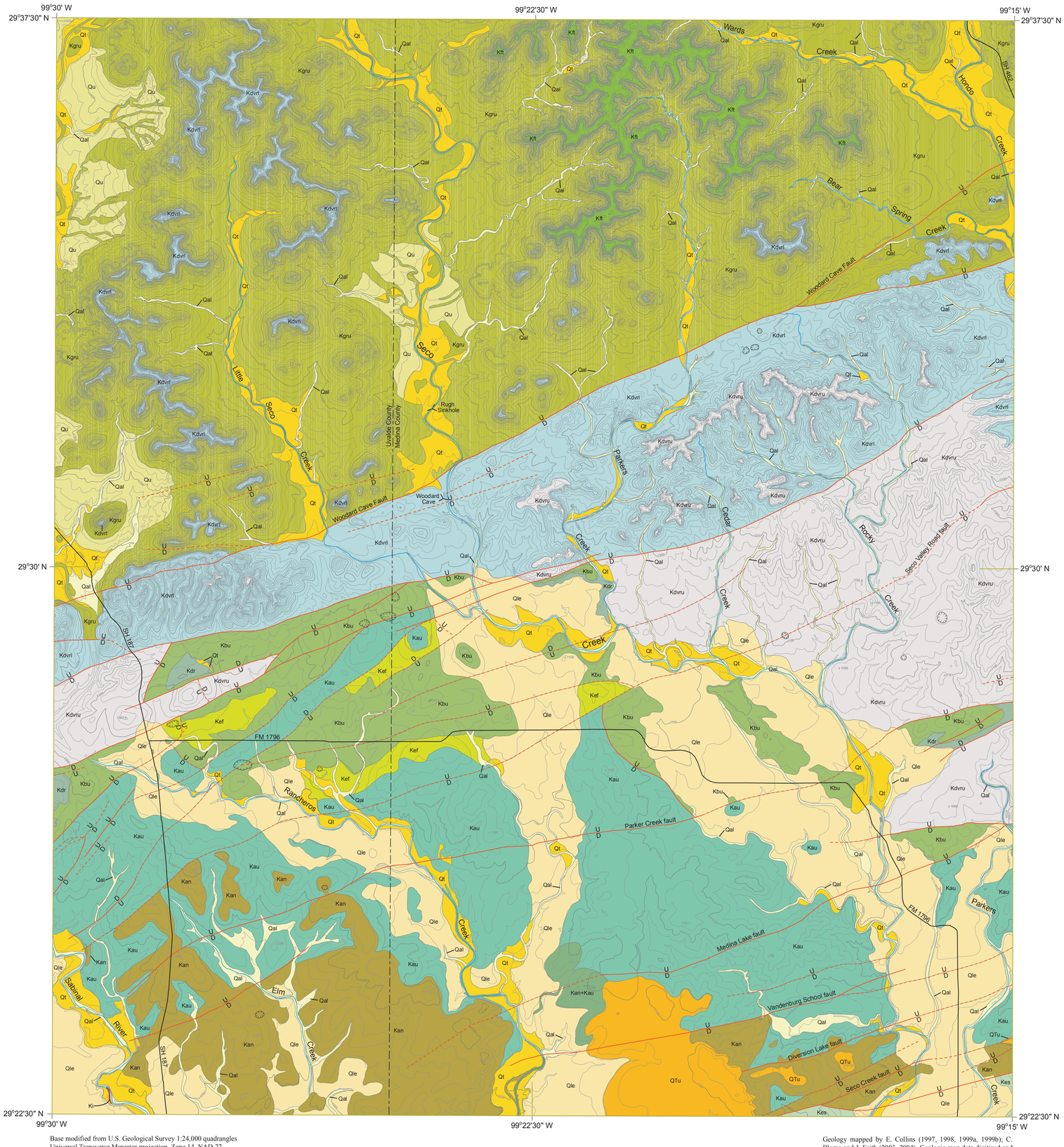
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN FILE REPORT 2004-1430



Base modified from U.S. Geological Survey 1:24,000 quadrangles
Universal Transverse Mercator projection, Zone 14, NAD 27

Map Location

Approximate mean declination, 1969

SCALE 1: 50 000

3 1.5 0 3 Miles

4 2 0 4 Kilometers

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Geology mapped by E. Collins (1997, 1998, 1999a, 1999b); C. Blome and J. Faith (2003, 2004). Geologic map data digitized and compiled by K. Murray in 2002 and 2003. Map product and report prepared by C. Blome, J. Faith and D. Pedraza in 2003 and 2004. This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic code.

For product and ordering information:
World Wide Web: http://pubs.usgs.gov/of/2004 or contact the U.S. Geological Survey Information Services, Box 25286, Federal Center, Denver, CO 80225. Telephone: 1-888-ASK-USGS

LIST OF MAP UNITS

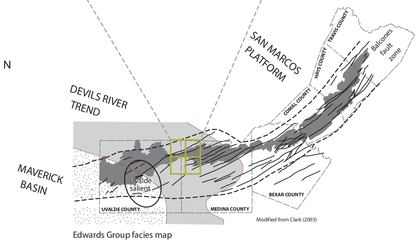
	Qal	Alluvium (Quaternary)
	Qu	Undivided terrace, slope-wash deposits, and fan deposits (Quaternary)
	Qt	Terrace deposits (Quaternary)
Local Aquifers	Qle	Leona Formation (Pleistocene)
Local Aquifers	QTu	Uvalde Gravel, older alluvium (Quaternary & Upper Tertiary)
	Ki	Mafic intrusive rocks (Upper Cretaceous)
Edwards Upper Confining Units	Kes	Escondido Formation (Upper Cretaceous)
Edwards Upper Confining Units	Kan	Anacacho Limestone (Upper Cretaceous)
Edwards Upper Confining Units	Kan+Kau	Anacacho Limestone and Austin Group, undivided (Upper Cretaceous)
Edwards Upper Confining Units	Kau	Austin Group (Upper Cretaceous)
Edwards Upper Confining Units	Kef	Eagle Ford Formation (Upper Cretaceous)
Edwards Upper Confining Units	Kbu	Buda Formation (Upper Cretaceous)
Edwards Upper Confining Units	Kdr	Del Rio Clay (Upper Cretaceous)
Edwards Aquifer Units	Kdvru	upper Devils River Formation (Lower Cretaceous)
Edwards Aquifer Units	Kdvrl	lower Devils River Formation (Lower Cretaceous)
Edwards Aquifer Units	Kft	Fort Terrett Formation (Lower Cretaceous)
Edwards Lower Confining Unit	Kgru	upper Glen Rose Limestone (Lower Cretaceous)

Explanation of Map Symbols

- Roads
- Medina and Uvalde County boundary
- Stream/River
- Quadrangle boundary
- Geologic contact-certain
- Normal fault-certain
- Normal fault-inferred
- Collapse feature
- Cave

Quadrangle Mapping Base Index

Flatrock Crossing Collins, 1999b	Texas Mountain Collins, 1997
Comanche Waterhole Collins, 1999a	Sabinal NE Collins, 1998



Edwards Group facies map

GEOLOGIC MAP COMPILATION OF THE UPPER SECO CREEK AREA, MEDINA AND UVALDE COUNTIES, SOUTH-CENTRAL TEXAS

by
Charles D. Blome, Jason R. Faith, Edward W. Collins, Diana E. Pedraza, and Kyle E. Murray

2004