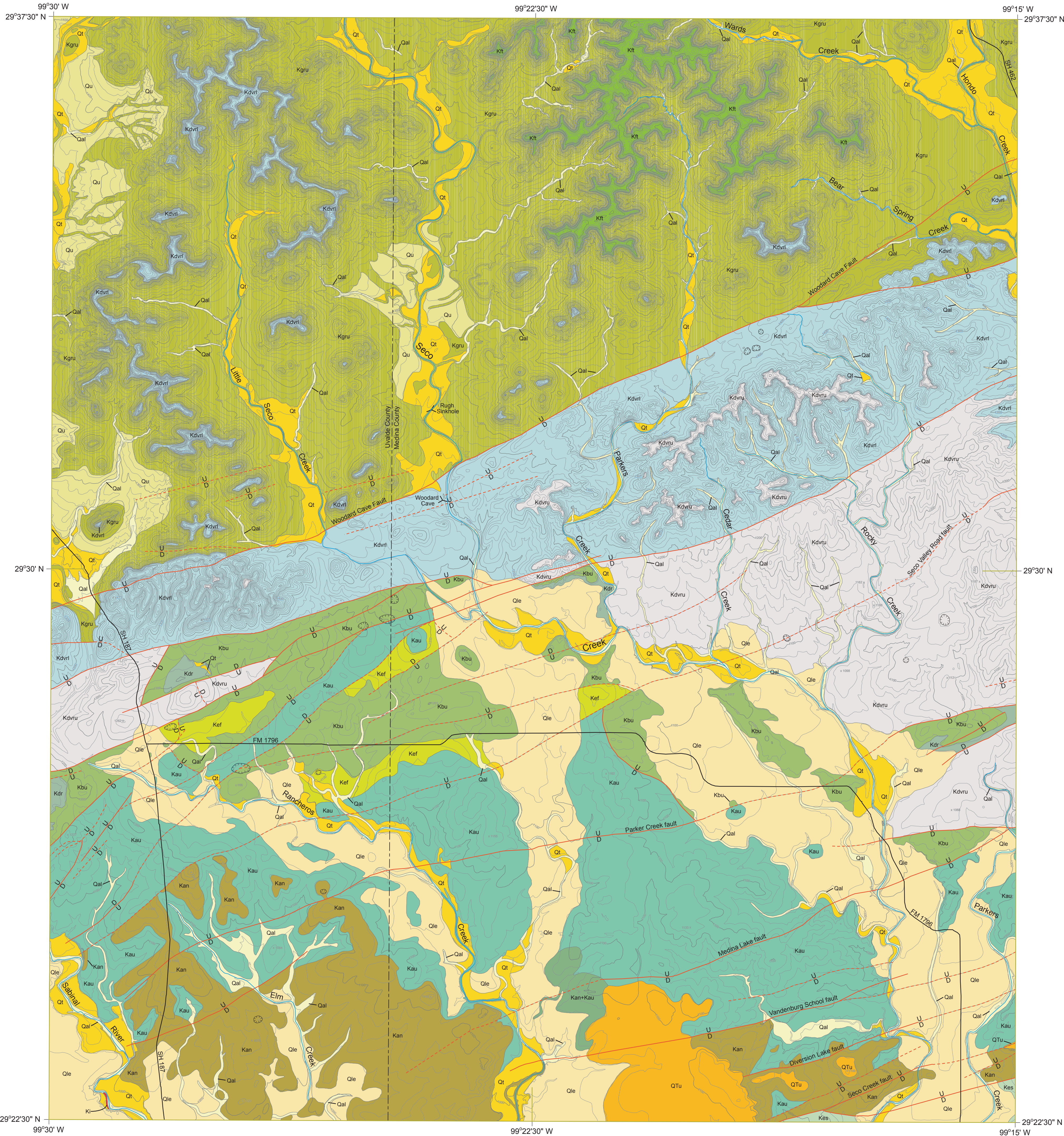




LIST OF MAP UNITS

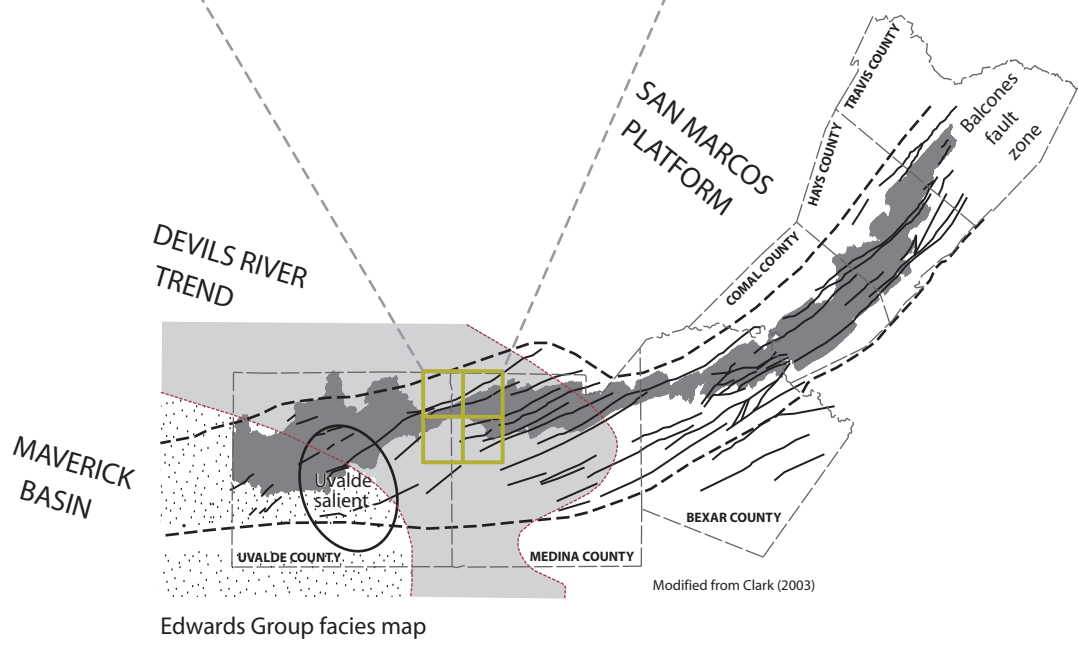
- |  |                                                                       |
|--|-----------------------------------------------------------------------|
|  | Alluvium (Quaternary)                                                 |
|  | Undivided terrace, slope-wash deposits, and fan deposits (Quaternary) |
|  | Terrace deposits (Quaternary)                                         |
|  | Leona Formation (Pleistocene)                                         |
|  | Uvalde Gravel, older alluvium (Quaternary & Upper Tertiary)           |
|  | Mafic intrusive rocks (Upper Cretaceous)                              |
|  | Escondido Formation (Upper Cretaceous)                                |
|  | Anacacho Limestone (Upper Cretaceous)                                 |
|  | Anacacho Limestone and Austin Group, undivided (Upper Cretaceous)     |
|  | Austin Group (Upper Cretaceous)                                       |
|  | Eagle Ford Formation (Upper Cretaceous)                               |
|  | Buda Formation (Upper Cretaceous)                                     |
|  | Del Rio Clay (Upper Cretaceous)                                       |
|  | upper Devils River Formation (Lower Cretaceous)                       |
|  | lower Devils River Formation (Lower Cretaceous)                       |
|  | Fort Terrett Formation (Lower Cretaceous)                             |
|  | upper Glen Rose Limestone (Lower Cretaceous)                          |

Explanation of Map Symbols

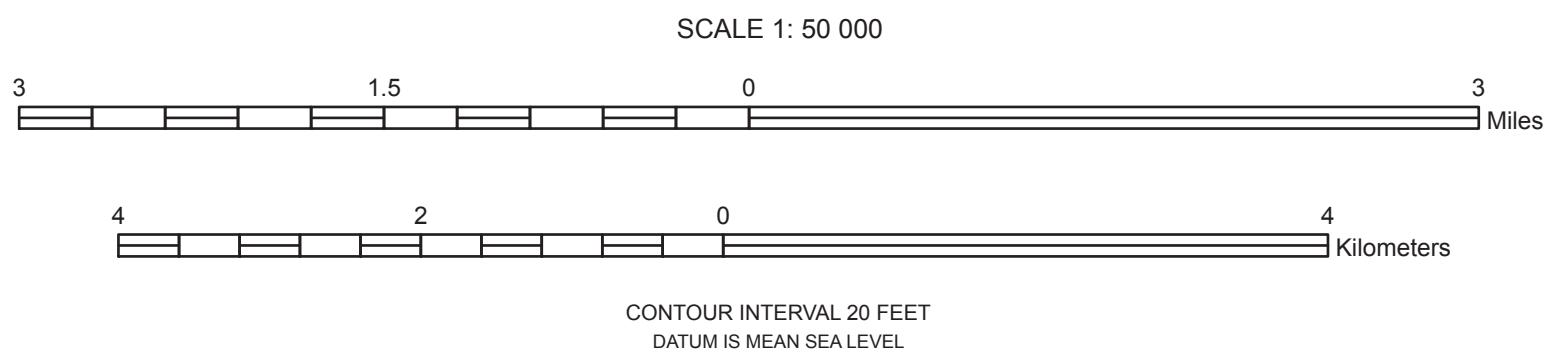
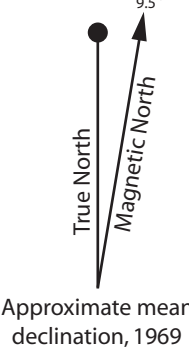
- |  |                                   |
|--|-----------------------------------|
|  | Roads                             |
|  | Medina and Uvalde County boundary |
|  | Stream/River                      |
|  | Quadrangle boundary               |
|  | Geologic contact-certain          |
|  | Normal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

Quadrangle Mapping Base Index

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Flatrock Crossing<br>Collins, 1999b  | Texas Mountain<br>Collins, 1997 |
| Comanche Waterhole<br>Collins, 1999a | Sabinal NE<br>Collins, 1998     |



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



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

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