

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
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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.

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

Explanation of Map Symbols

Roads

Medina and Uvalde County boundary

Cave

Quadrangle boundary

Collapse feature

Normal fault-inferred

Normal fault-certain

Geologic contact-certain

Stream/River

LIST OF MAP UNITS

Edwards Lower Confining Unit

Kgru

upper Glen Rose Limestone (Lower Cretaceous)

Kft

Fort Terrett Formation (Lower Cretaceous)

Edwards Aquifer Units

Kdvrl

lower Devils River Formation (Lower Cretaceous)

Kdvru

upper Devils River Formation (Lower Cretaceous)

Edwards Upper Confining Units

Kdr
Del Rio Clay (Upper Cretaceous)

Kbu
Buda Formation (Upper Cretaceous)

Kef
Eagle Ford Formation (Upper Cretaceous)

Kau
Austin Group (Upper Cretaceous)

Kan+Kau
Anacacho Limestone and Austin Group,
undivided (Upper Cretaceous)

Kan
Anacacho Limestone (Upper Cretaceous)

Kes
Escondido Formation (Upper Cretaceous)

Ki
Mafic intrusive rocks (Upper Cretaceous)

Local Aquifers

QTu
Uvalde Gravel, older alluvium (Quaternary
& Upper Tertiary)

Qle
Leona Formation (Pleistocene)QtTerrace deposits (Quaternary)

Qu
Undivided terrace, slope-wash deposits,
and fan deposits (Quaternary)

Qal
Alluvium (Quaternary)

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-

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