

LIST OF MAP UNITS

The complete description of map units and references are in the accompanying booklet

SURFICIAL DEPOSITS

HUMAN-MADE DEPOSITS

af Artificial fill (latest Holocene)

ALLUVIAL, MASS WASTING, AND EOLIAN DEPOSITS

- Qau Alluvium, undivided (Holocene and Pleistocene)
- Qa Channel and flood-plain alluvium (late Holocene)
- Qt1 Terrace alluvium one (Holocene and late Pleistocene)
- Qt2 Terrace alluvium two (late Pleistocene)
- Qt3 Terrace alluvium three (late middle Pleistocene)
- Qsw Sheetwash (Holocene and late Pleistocene)
- Qc Colluvium deposits (Holocene to middle Pleistocene)
- Qp1 Older alluvium one (late Pleistocene)
- Qpe Eolian sand (Holocene to late Pleistocene)

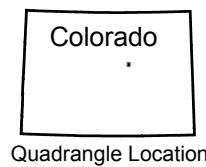
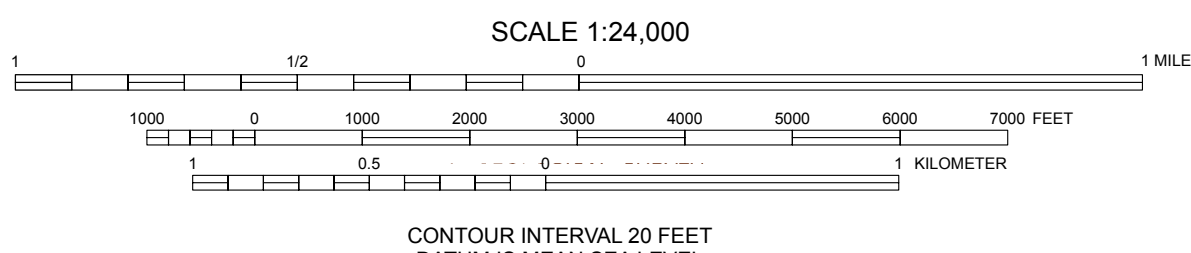
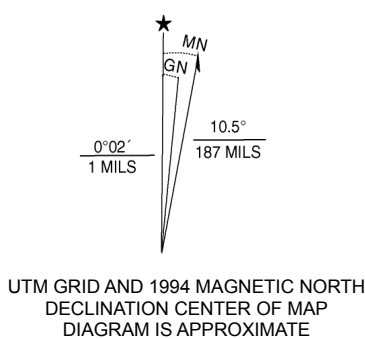
BEDROCK UNITS

- Tcr Castle Rock Conglomerate (late Eocene)
- Twm Wall Mountain Tuff (late Eocene)
- Tlc Conglomerate of Larkspur Butte (late? Eocene)
- Dawson Formation (Upper Cretaceous to Eocene)
- TKda5 Facies unit five (early to middle? Eocene)
- TKdu Dawson Formation, undivided (Upper Cretaceous to Eocene)
(Shown only on cross section)

MAP SYMBOLS

- Contact—Approximately located
- Strike and dip of inclined bedding—Showing direction and angle of dip
- Horizontal bedding
- Petroleum test well (drilled and abandoned)
- Alignment of cross sections

Base from U.S. Geological Survey, 1994
Polyconic projection, 1927 North American Datum, 10,000-foot grid
based on Colorado coordinate system, central zone.
(Lambert Conformal Conic)
1,000-meter Universal Transverse Mercator grid ticks, zone 13



1	2	3
4	5	6
7	8	9

ADJOINING 7.5' QUADRANGLES

Geology mapped in 2005
GIS and cartography by Karen Morgan

Bill Owens, Governor,
State of Colorado



Russell George, Executive Director,
Department of Natural Resources



Vincent Matthews,
State Geologist and Division Director,
Colorado Geological Survey

GEOLOGIC MAP OF THE RUSSELLVILLE GULCH QUADRANGLE, DOUGLAS AND ELBERT COUNTIES, COLORADO

By Jon P. Thorson
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