

LIST OF MAP UNITS

The complete description of map units and references are in the accompanying Author's Notes

SURFICIAL DEPOSITS

HUMAN-MADE DEPOSITS

af Artificial fill (late Holocene)

ALLUVIAL DEPOSITS

Qa Stream-channel, flood plain, and terrace alluvium, undivided (Holocene and late Pleistocene)

Qas Alluvium one (late Holocene)

Qas2 Alluvium two (early Holocene and late Pleistocene)

Qas3 Alluvium three (late middle Pleistocene)

Qg Pediment gravel one (middle Pleistocene)

Qg2 Pediment gravel two (middle Pleistocene)

Qgmv Gravel of Monte Vista (Holocene to middle Pleistocene)

Qg Pediment gravel, undivided (middle Pleistocene)

ALLUVIAL AND COLLUVIAL DEPOSITS

Qsw Sheetwash deposits (Holocene to late Pleistocene)

Qc1 Colluvium deposits (Holocene to middle Pleistocene)

Qc2 Colluvium deposits two (Holocene to middle Pleistocene)

Qf1 Alluvial fan deposit one (late Holocene)

Qf2 Alluvial fan deposit two (early Holocene to late-middle Pleistocene)

Qf Alluvial fan deposits, undivided (Holocene to late-middle 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 (latest Paleocene to middle? Eocene)

TKda4 Facies unit four (early Paleocene)

MAP SYMBOLS

Area where geology and drainages have been highly modified by development (see text for details)

Zone of intense paleosol development

Contact—Approximately located

Fault—Approximately located, queried; ball and bar on downthrown side

Strike and dip of bedding or contacts

Inclined—Showing direction and angle of dip

Horizontal bedding

Joint - showing approximate strike

Water well (cross section only)

Paleosol—Referenced in text
SE 1/4 SE 1/4, Sec. 33, T.7S., R.68W.

Alignment of cross sections

Bill Owens, Governor,
State of Colorado

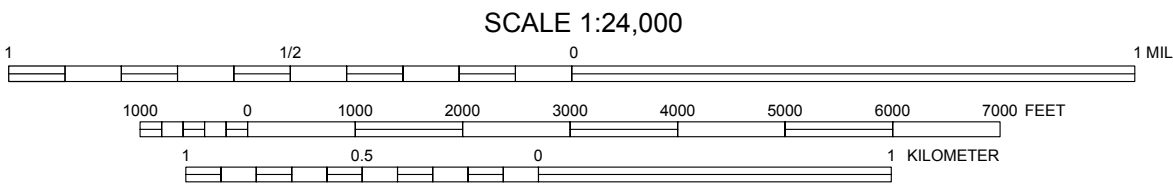
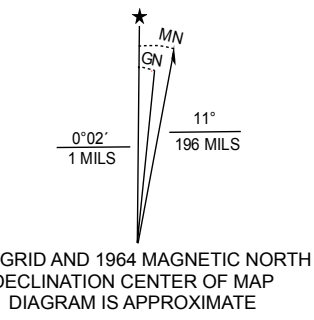


Russell George, Executive Director,
Department of Natural Resources

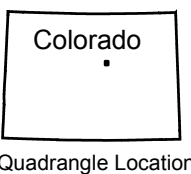


Vincent Matthews,
State Geologist and Division Director,
Colorado Geological Survey

Base from U.S. Geological Survey, 1964
Lambert Conformal Conic projection, 1927 North American Datum
10,000-foot grid based on Colorado coordinate system, central zone
1,000-meter Universal Transverse Mercator grid ticks, zone 13



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL



1	2	3	1 Littleton
			2 Highlands Ranch
			3 Parker
4		5	4 Boulder
			5 Castle Rock North
			6 Devils Head
6	7	8	7 Dawson Butte
			8 Castle Rock South

ADJOINING 7.5' QUADRANGLES

Geology mapped in 2005
Digital map prepared by Karen Morgan

GEOLOGIC MAP OF THE SEDALIA QUADRANGLE, DOUGLAS COUNTY, COLORADO

By Matthew L. Morgan, Jennifer L. McHarge, and Peter E. Barkmann
2005