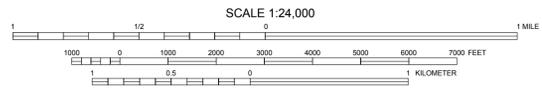
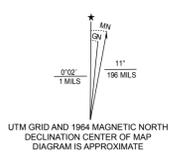


- ### LIST OF MAP UNITS
- The complete description of map units and references are in the accompanying Author's Notes
- #### SURFICIAL DEPOSITS
- ##### HUMAN-MADE DEPOSITS
- af Artificial fill (late Holocene)
- ##### ALLUVIAL DEPOSITS
- Qa Stream-channel, flood plain, and terrace alluvium, undivided (Holocene and late Pleistocene)
  - Qa1 Alluvium one (late Holocene)
  - Qa2 Alluvium two (early Holocene and late Pleistocene)
  - Qa3 Alluvium three (late middle Pleistocene)
  - Qg1 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

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
4	5	6
7	8	

ADJOINING 7.5' QUADRANGLES

Geology mapped in 2005  
Digital map prepared 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 SEDALIA QUADRANGLE, DOUGLAS COUNTY, COLORADO

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