

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 (upper Holocene)

ALLUVIAL DEPOSITS

Qau Alluvium, undivided (Holocene and Pleistocene)

BEDROCK

TERTIARY SEDIMENTARY ROCKS

Tdg Gravel at Divide (Miocene)

TERTIARY IGNEOUS ROCKS

Twm Wall Mountain Tuff (upper Eocene)

NEOPROTEROZOIC IGNEOUS ROCKS OF THE PIKES PEAK BATHOLITH

Ypeg Pegmatite (Neoproterozoic)

Ywp Windy Point Granite (Neoproterozoic)

Ypp Pikes Peak Granite (Neoproterozoic)

Contact — Approximately located

U Fault — Dashed where approximately located, dotted where concealed, queried where uncertain. U = upthrown side, D = downthrown side. Some faults shown with dip-slip motion may have a component of strike-slip motion.

Strike and dip of bedding or contacts

Inclined — Showing direction and angle of dip

Overturned — Showing direction and angle of dip

Vertical

Strike and dip of joints and fractures

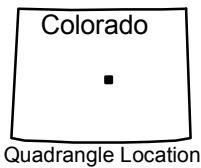
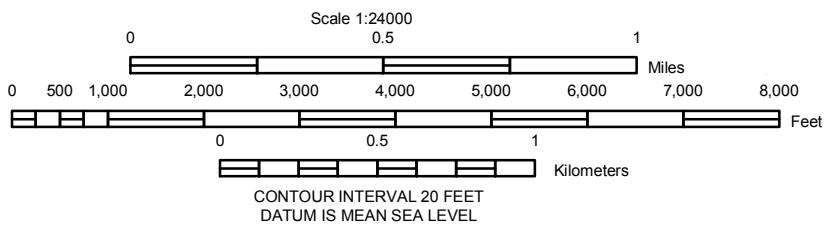
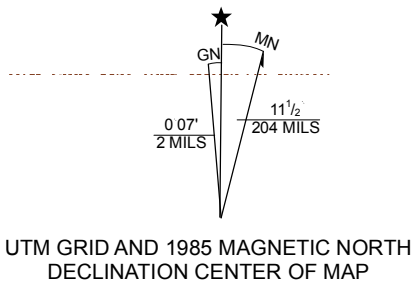
Inclined — Showing direction and angle of dip

Vertical

Mine or gravel pit

A-A' Alignment of cross section

Base from U.S. Geological Survey, 1966
Polyconic 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



ADJOINING 7.5' QUADRANGLES

1	2	3
4	5	
6	7	8

Geology mapped in 2008
GIS and cartography by Pangaea Cartographic, LLC

DIVIDE QUADRANGLE GEOLOGIC MAP, TELLER COUNTY, COLORADO

By Jay Temple and Alan Busacca
2009



Bill Ritter Jr.,
Governor
State of Colorado



Harris D. Sherman,
Executive Director
Department of Natural Resources



Vincent Matthews,
State Geologist and Director
Colorado Geological Survey