

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 (upper Holocene)

ALLUVIAL DEPOSITS

- Qa₁ Channel and flood-plain alluvium (upper Holocene)
Qa₂ Valley-floor alluvium (upper Holocene)
Qa₃ Valley-floor and terrace alluvium (lower Holocene and upper Pleistocene)
Qau Alluvium, undivided (Holocene and Pleistocene)
Qaw Sheetwash alluvium (Holocene and Pleistocene)
Qg₁ Gravel one (upper middle Pleistocene?)
Qg₂ Gravel two (middle Pleistocene?)
Qg₃ Gravel three (lower Pleistocene?)

ALLUVIAL AND COLLUVIAL DEPOSITS

- Qdf Debris-fan deposits (Holocene and Pleistocene)
Qac Alluvium and colluvium, undivided (Holocene and Pleistocene)

BEDROCK UNITS

PALEOZOIC SEDIMENTARY ROCKS

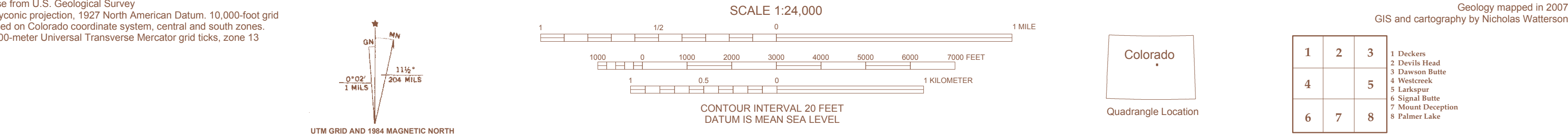
- Pp₁ Fountain Formation (Lower Permian and Pennsylvanian)
Mlw Leadville Limestone and Williams Canyon member, undivided (Mississippian)
Om Manitou Formation (Lower Ordovician)
Cs Sawatch Formation (Upper Cambrian)

NEOPROTEROZOIC IGNEOUS ROCKS OF THE
PIKES PEAK BATHOLITH

- Ypeg Pegmatite (Neoproterozoic)
Ypb Porphyritic granite of Pikes Peak batholith (Neoproterozoic)
Ypp Pikes Peak Granite (Neoproterozoic)

MAP SYMBOLS

- Contact—Approximately located
U — Fault—Dashed where approximately located;
D dotted where concealed.
Strike and dip of bedding
Inclined bedding—Showing direction and angle of dip
Strike and dip of fracture
Inclined fracture—Showing direction and angle of dip
Vertical fracture
A — A' Alignment of cross section
Mine or gravel pit



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