



## LIST OF MAP UNITS

The complete description of map units and references are included in the accompanying Authors' Notes booklet

### SURFICIAL DEPOSITS

#### HUMAN-MADE DEPOSITS

- af Artificial fill (late Holocene)
- dr Disturbed and/or reclaimed ground (late Holocene)

#### ALLUVIAL DEPOSITS - Dashed line indicates that unit is at the base of another gravel unit

- Qa Alluvial deposits along tributary streams (Holocene to Pleistocene)
- Alluvial Deposits of the Gunnison River
  - Qag<sub>1a</sub> Alluvium one-a of the Gunnison River (Holocene)
  - Qag<sub>1b</sub> Alluvium one-b of the Gunnison River (Holocene to late Pleistocene)
  - Qag<sub>2</sub> Alluvium two of the Gunnison River (late Pleistocene)
  - Qag<sub>3</sub> Alluvium three of the Gunnison River (late Pleistocene)
  - Qag<sub>4</sub> Alluvium four of the Gunnison River (late middle Pleistocene)
  - Qag<sub>5</sub> Alluvium five of the Gunnison River (late middle Pleistocene)
  - Qag<sub>6</sub> Alluvium six of the Gunnison River (middle Pleistocene)

#### Alluvial Deposits of the North Fork Gunnison River

- Qan<sub>6</sub> Alluvium six of the North Fork Gunnison River (middle Pleistocene)
- Qan<sub>7</sub> Alluvium seven of the North Fork Gunnison River (middle Pleistocene)

#### Mud Flow and Alluvial Fan Deposits

- Qamf Alluvial, mud flow, and mud fan deposits (Holocene to late Pleistocene)
- Qf Alluvial fan deposits (Holocene)
- Qfo Alluvial fan deposits, older (late to middle Pleistocene)

#### Mixed Debris Flow and Alluvial Gravel Deposits

- Qg<sub>1</sub> Gravel deposit one (Holocene)
- Qg<sub>2</sub> Gravel deposit two (late Pleistocene)
- Qg<sub>3</sub> Gravel deposit three (late Pleistocene)
- Qg<sub>4</sub> Gravel deposit four (late middle Pleistocene)
- Qg<sub>5</sub> Gravel deposit five (late middle Pleistocene)
- Qg<sub>6</sub> Gravel deposit six (middle Pleistocene)
- Qg<sub>7</sub> Gravel deposit seven (early middle Pleistocene)
- Qg<sub>8</sub> Gravel deposits, undivided (Pleistocene)
- Qg<sub>9</sub> Isolated gravel pod or lag (Holocene to Pleistocene)

#### MASS WASTING DEPOSITS

- Qls Landslide deposits (Holocene to middle Pleistocene)
- Colluvial flatiron (Holocene to Pleistocene)

#### MINERAL SPRING DEPOSITS

- Travertine deposits—Active or relict mineral springs (Holocene to late Pleistocene)

### BEDROCK UNITS

#### Mancos Shale (Upper Cretaceous)

- Kmu Mancos Shale, upper part
- Kmss Sharon Springs Member
- Kmp Prairie Canyon Member
- Kms Smoky Hill and Fort Hays (Niobrara) Members, undivided
- Kmj Storm King Mountain and Juana Lopez Members, undivided
- Kmb Blue Hill Member
- Kmtb Fairport and Bridge Creek Members, undivided
- Kmg Hartland and Graneros Members, undivided
- Kdb Mowry Shale, Dakota Sandstone and Burro Canyon Formation, undivided (Upper and Lower Cretaceous)
- Jm Morrison Formation (Upper Jurassic)
- Jwe Wanakah Formation and Entrada Sandstone of the San Rafael Group, undivided (Middle Jurassic)—Shown on cross section only
- pC Precambrian Rocks—Shown on cross section only

- Contact—Dashed where approximately located
- Fault—Dashed where approximately located; dotted where concealed
- Anticline
- Syncline
- Monocline—Arrow points to steeper limb
- Landslide scarp

- Strike and dip of sedimentary rocks—Showing direction and angle of dip in degrees
- Strike and dip of joints and fractures—Showing direction and angle of dip in degrees

- Fossil locality and USGS Mesozoic sample database number—  
See table in Appendix C
- Age-dating locality—See booklet for analysis results
- Alignment of cross section



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