

LIST OF MAP UNITS

The description of map units and references are included in the accompanying booklet

SURFICIAL DEPOSITS

HUMAN-MADE DEPOSITS

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

ALLUVIAL DEPOSITS

- Qa Alluvial deposit along tributary stream (Holocene to late Pleistocene)

Alluvial Deposits of the Gunnison River

- Qag_{1a} Alluvium one-a of the Gunnison River (Holocene)
- Qag_{1b} Alluvium one-b of the Gunnison River (Holocene to late Pleistocene)
- Qag₂ Alluvium two of the Gunnison River (late Pleistocene)
- Qag₃ Alluvium three of the Gunnison River (late Pleistocene)
- Qag₄ Alluvium four of the Gunnison River (late middle Pleistocene)
- Qag₅ Alluvium five of the Gunnison River (late middle Pleistocene)
- Qag₆ Alluvium six of the Gunnison River (middle Pleistocene)
- Qag₇ Alluvium seven of the Gunnison River (early middle Pleistocene)
- Qag₈ Alluvium eight of the Gunnison River (early? Pleistocene)
- Tag₉ Alluvium nine of the Gunnison River (late Pliocene?)
- Tag₁₀ Alluvium ten of the Gunnison River (late Pliocene?)
- Qag Alluvium of the Gunnison River, undifferentiated (Pleistocene)

Alluvial Deposits of the North Fork Gunnison River

- Qan_{1a} Alluvium one-a of the Gunnison River (Holocene)
- Qan_{1b} Alluvium one-b of the North Fork Gunnison River (Holocene to late Pleistocene)
- Qan₂ Alluvium two of the North Fork Gunnison River (late Pleistocene)
- Qan₃ Alluvium three of the North Fork Gunnison River (late Pleistocene)
- Qan₄ Alluvium four of the North Fork Gunnison River (late middle Pleistocene)
- Qan₅ Alluvium five of the North Fork Gunnison River (late middle Pleistocene)
- Qan₆ Alluvium six of the North Fork Gunnison River (middle Pleistocene)
- Qan₇ Alluvium seven of the North Fork Gunnison River (early middle Pleistocene)
- Qan₈ Alluvium eight of the North Fork Gunnison River (early? Pleistocene)
- Qan₉ Alluvium nine of the North Fork Gunnison River (Pliocene?)
- Qan₁₀ Alluvium ten of the North Fork Gunnison River (Pliocene?)
- Qan Alluvium of the North Fork Gunnison River, undifferentiated (Pleistocene)

Mixed Debris Flow and Alluvial Gravel Deposits

- Qg₁ Gravel deposit one (Holocene)
- Qg₂ Gravel deposit two (late Pleistocene)
- Qg₃ Gravel deposit three (late Pleistocene)
- Qg₄ Gravel deposit four (late middle Pleistocene)
- Qg₅ Gravel deposit five (late middle Pleistocene)
- Qg₆ Gravel deposit six (middle Pleistocene)
- Qg₇ Gravel deposit seven (early middle Pleistocene)
- Qg₈ Gravel deposit eight (early? Pleistocene)
- Qg₉ Gravel deposit nine (late Pliocene?)
- Qg₁₀ Gravel deposit ten (late Pliocene?)
- Qg Gravel deposit, undifferentiated (Holocene to Pleistocene)
- Gravel, isolated pod or lag deposit (Holocene to Pleistocene)
- Qaao Older gravel deposits of Alum Creek (late to middle Pleistocene)

LIMESTONE TUFA AND GYPSUM DEPOSITS

- Active or relict mineral springs

MUDFLOW AND ALLUVIAL FAN DEPOSITS

- Qamf Alluvial, mud flow, and mud fan deposits (Holocene to late Pleistocene)
- Qamfo Older alluvial, mudflow, and mud fan deposits (late to middle Pleistocene)
- Qr Alluvial fan deposits (Holocene)
- Qfo Older alluvial fan deposits (late to middle Pleistocene)

MASS-WASTING DEPOSITS

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

EOLIAN AND LACUSTRINE? DEPOSITS

- Qel Loess and lacustrine? deposits (late Pleistocene)

BEDROCK UNITS

Mancos Shale (Upper Cretaceous)

- Kmu Upper part of Mancos Shale, undivided
- Kmss Sandstone and concretion zone in upper part of Mancos Shale
- Kmp Sharon Springs Member
- Kms Prairie Canyon Member
- Kmj Smoky Hill Member
- Kmb Juana Lopez and Montezuma Valley Members, undivided
- Kmf Blue Hill Member
- Kmg Fairport and Bridge Creek Members, undivided
- Kmow Hartland and Graneros Members, undivided

Mowry Shale (Upper Cretaceous)

- Kdb Dakota Sandstone and Burro Canyon Formation, undivided (Upper and Lower Cretaceous)
- Jm Morrison Formation (Upper Jurassic)
- Jw Wanakah Formation and Entrada Sandstone of the San Rafael Group, undivided (Middle Jurassic)
- pC Precambrian Rocks — Shown on cross section only

Contact — Dashed where approximately located

Fault — Dashed where approximately located; dotted where concealed

Anticline

Syncline

Monocline — Axis of upper fold

Monocline — Axis of lower fold

Colluvial flatiron

Landslide scarp

Strike and dip of sedimentary rocks — showing direction and angle of dip in degrees

Alignment of cross section

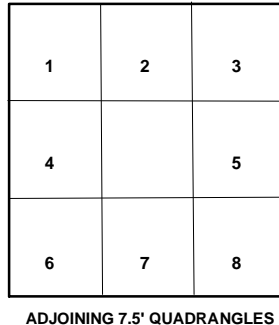
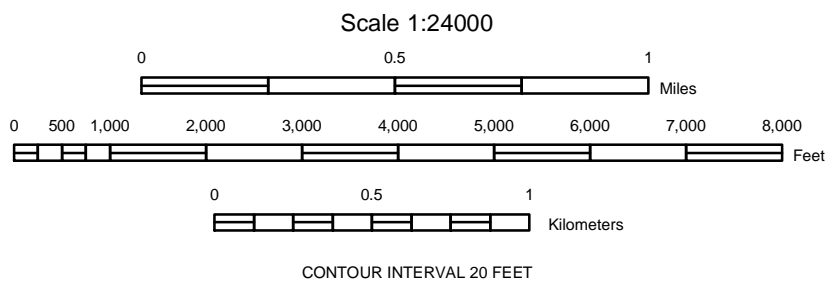
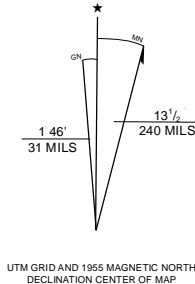
Base from U.S. Geological Survey, 1950, Revised, 1976
Polyconic projection, 1927 North American Datum
10,000-foot grid based on Colorado coordinate system, central zone
1,000-meter Universal Transverse Mercator grid ticks, zone 13

All geology and topographic map base data for this map have been projected to NAD83

A note about map shading: The map has a shaded relief underlayer that generally enhances the appearance of the topography, but can make the geologic unit colors darker or lighter in areas of steep topography

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GIS and cartography by Pangaea Geospatial, LLC



GEOLOGIC MAP OF THE LAZEAR QUADRANGLE, DELTA COUNTY, COLORADO

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