

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

- Qa Alluvial deposits along tributary streams (Holocene to late Pleistocene)

Alluvial Deposits of the North Fork Gunnison River

- Qan_{1a} Alluvium one-a of the North Fork 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?)

Mixed Debris Flow, Alluvial Gravel, and Gravelly Mud 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?)
- Gravel, isolated pod or lag deposits (Holocene to Pleistocene)

MUD FLOW AND ALLUVIAL FAN DEPOSITS

- Qamf Alluvial, mud flow, and mud fan deposits (Holocene to late Pleistocene)
- Qamfo Older alluvial, mud flow, and mud fan deposits (late to middle Pleistocene)
- Qaf Alluvial fan deposits (Holocene to late Pleistocene)
- Qaf_o 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)
- Colluvial flatiron (Pleistocene)

EOLIAN DEPOSITS

- Qe Loess deposits (late to middle Pleistocene)

MINERAL SPRING DEPOSITS

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

BEDROCK UNITS

Mancos Shale (Upper Cretaceous)

- Upper part of Mancos Shale, undivided
- Sandstone and concretion zone in upper part of Mancos Shale
- Sharon Springs Member
- Prairie Canyon Member
- Smoky Hill Member
- Limestone bed in upper part of Smoky Hill Member
- Base of sandstone interval in middle part of Smoky Hill Member
- Fort Hays Member - Included in Kms to north of river
- Montezuma Valley Member - Included in Kmj to north of river

- Juana Lopez Member
- Blue Hill Member
- Fairport and Bridge Creek Members, undivided
- Hartland and Graneros Members, undivided

Mowry Shale (Upper Cretaceous)

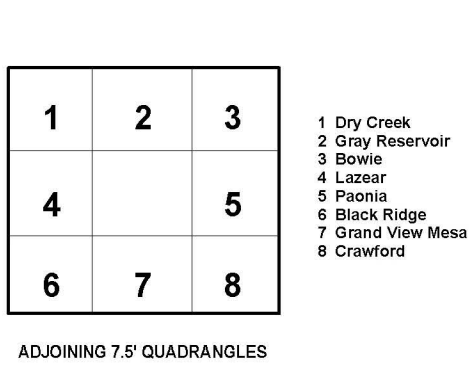
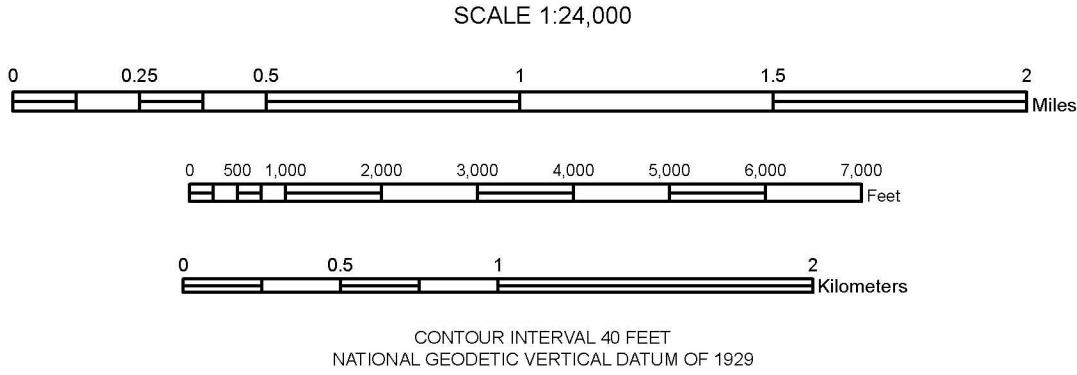
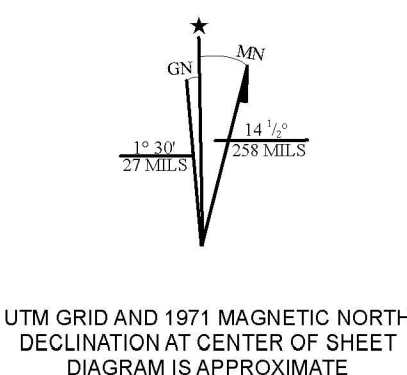
- Dakota Sandstone and Burro Canyon Formation, undivided (Upper and Lower Cretaceous)
- Morrison Formation (Upper Jurassic) - Shown in cross section only
- Wanakah Formation and Entrada Sandstone of the San Rafael Group, undivided (Middle Jurassic) - Shown in cross section only
- Precambrian Rocks -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

- Contact — Dashed where approximately located
- Fault — Dashed where approximately located; dotted where concealed
- Anticline — End of arrow indicates direction of plunge
- Syncline — End of arrow indicates direction of plunge
- Monocline — Axis of upper fold
- Monocline — Axis of lower fold
- Landslide Scarp — Top of scarp; ties point downhill
- Alluvial Terrace Riser — Top of riser scarp; ties point downhill
- Strike and dip of sedimentary rocks — Showing direction and angle of dip in degrees
- Alignment of Cross Section



Base from U.S. Geological Survey, 1964, revised 1979
Polyconic Projection, 1927 North American Datum
10,000-foot grid based on Colorado coordinate system, north zone
1,000-meter Universal Transverse Mercator grid ticks, zone 13

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