

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 including gravel pit and quarry spoils (uppermost Holocene)

ALLUVIAL DEPOSITS

Alluvial Deposits of the Uncompahgre River

- Qau2 Alluvium two of the Uncompahgre River (lower Holocene to upper Pleistocene)
- Qau3 Alluvium three of the Uncompahgre River (upper Pleistocene)
- Qau4 Alluvium four of the Uncompahgre River (upper middle Pleistocene)
- Qau5a Alluvium five(a) of the Uncompahgre River (middle Pleistocene)
- Qau5b Alluvium five(b) of the Uncompahgre River (middle Pleistocene)
- Qau Alluvium of the Uncompahgre River, undifferentiated (upper Pleistocene)

Alluvial Deposits of Dry Creek

- Qad1 Alluvium one of Dry Creek (Holocene)
- Qad2 Alluvium two of Dry Creek (lower Holocene to upper Pleistocene)
- Qad3 Alluvium three of Dry Creek (lower Holocene to upper Pleistocene)
- Qad4 Alluvium four of Dry Creek (upper middle Pleistocene)
- Qad5a Alluvium five(a) of Dry Creek (middle Pleistocene)
- Qad5b Alluvium five(b) of Dry Creek (middle Pleistocene)

Alluvial Deposits of Coal Creek

- Qacc1 Alluvium one of Coal Creek (Holocene)
- Qacc2 Alluvium two of Coal Creek (lower Holocene to upper Pleistocene)

Qa Alluvium, undifferentiated (Holocene)

Ogo Old alluvial gravel, undifferentiated (middle Pleistocene)

MUDFLOW-DOMINATED ALLUVIAL AND ALLUVIAL-FAN DEPOSITS

- Qf Alluvial-fan deposits (Holocene)
- Qfo Old alluvial-fan deposits (upper to middle Pleistocene)
- Qafo Old alluvial and alluvial-fan deposits (upper to middle Pleistocene)

ALLUVIAL/COLLUVIAL AND MASS-WASTING DEPOSITS

- Qc Colluvial deposits (Holocene)
- Qac Alluvial and colluvial deposits, undifferentiated (Holocene)
- Qaco Old alluvial and colluvial deposits, undifferentiated (upper to middle Pleistocene)
- Qco Old colluvial deposits (upper Pleistocene)
- Qls Landslide deposits (Holocene to upper Pleistocene)

BEDROCK UNITS

Mancos Shale (Upper Cretaceous)

- Kms Smoky Hill Member
- Kmj Juana Lopez and Montezuma Valley Members, undivided
- Kmb Blue Hill and Fairport Members, undivided
- Kmg Graneros and Bridge Creek Limestone members, undivided

Kd Dakota Sandstone (Upper to Lower(?) Cretaceous)

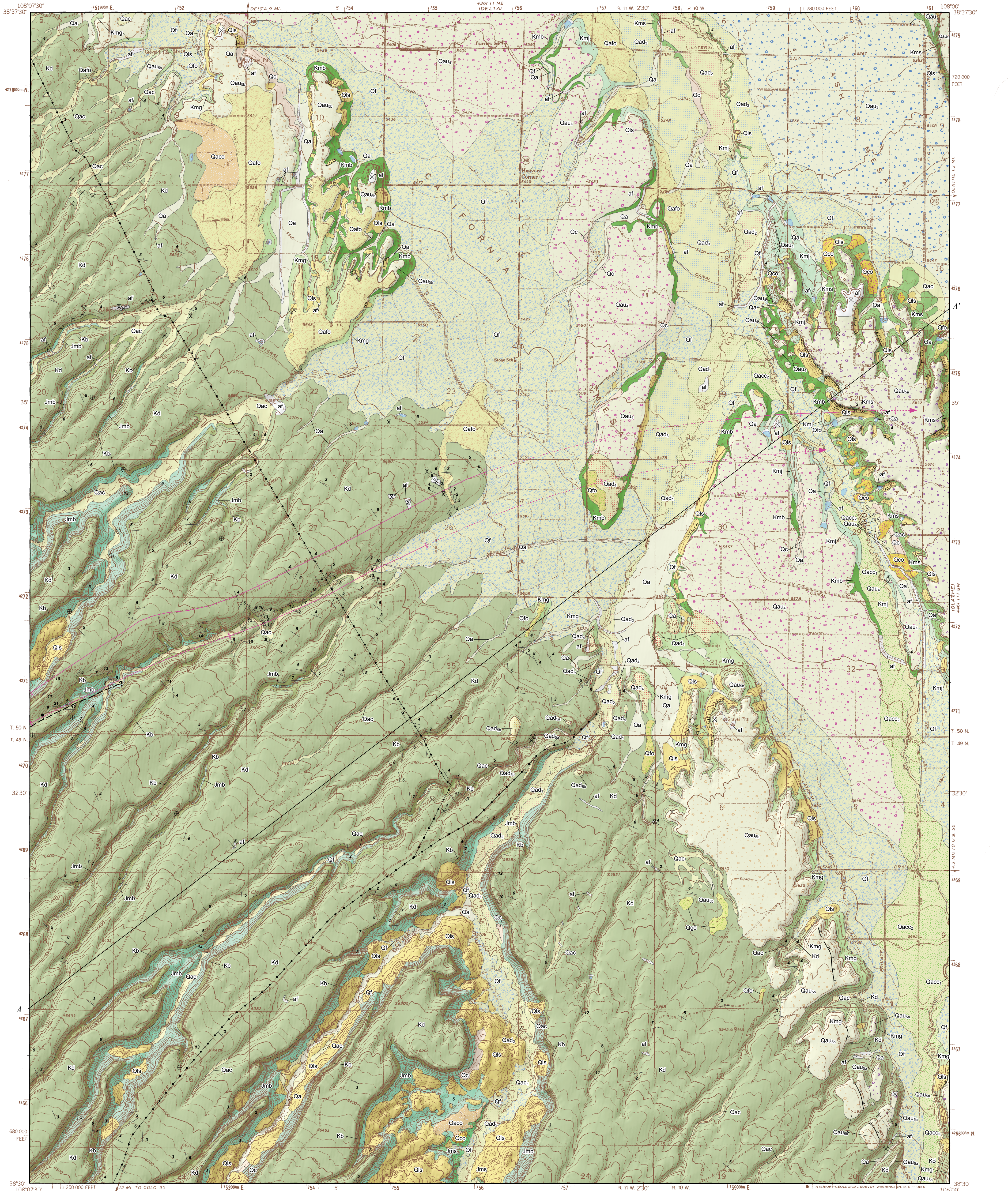
Kb Burro Canyon Formation (Lower Cretaceous)

Morrison Formation (Upper Jurassic)

- Jmb Brushy Basin Member
- Jms Salt Wash Member
- Jw Wanakah Formation (Middle Jurassic)—Shown on cross-section only
- Je Entrada Sandstone (Middle Jurassic)—Shown on cross-section only

- Tc Chinle Formation (Triassic)—Shown on cross-section only
- pC Precambrian Rocks—Shown on cross-section only

- Contact—Approximately located
- Fault—Approximately located and queried; ball and bar on downthrown side
- Syncline—Dashed where approximately located; dotted where concealed; end arrow indicates direction of plunge
- Monocline—Dotted where concealed; end arrow indicates direction of plunge
- Landslide scarp
- Terrace riser
- Pipeline
- Strike and dip of inclined bedding—Showing direction and angle of dip
- Horizontal bedding
- Coal mine, abandoned
- Gravel quarry
- Dimension stone (Kd) quarry
- Alignment of cross section



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial

photographs taken 1960. Field checked 1962

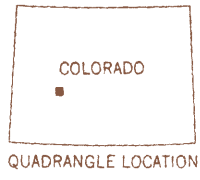
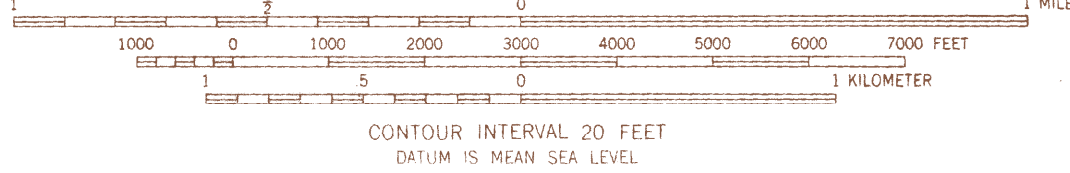
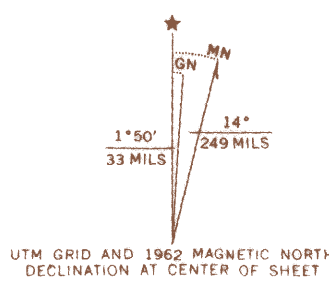
Polyconic projection. 1927 North American datum

10,000-foot grid based on Colorado coordinate system, south zone

1000-meter Universal Transverse Mercator grid ticks,

zone 12. Shown in blue

Fine red dashed lines indicate selected fence lines



1	2	3
4	5	
6	7	8

- 1 Routledge
2 Delta
3 Claiborne
4 Camel Back
5 Claiborne
6 Delta Point
7 Dry Creek Basin
8 Montrose West

GEOLOGIC MAP OF THE HOOVERS CORNER QUADRANGLE, MONTROSE COUNTY, COLORADO

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2008



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