



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 (latest Holocene)

ALLUVIAL DEPOSITS

Qa₁ Alluvium one (late Holocene)

Qa₂ Alluvium two (early Holocene)

Qa₃ Alluvium three (late Pleistocene)

Qa₄ Alluvium four (late middle Pleistocene)

Qa Alluvium, undivided (Holocene to late Pleistocene)

Qae Alluvial and eolian deposits, undivided (late Pleistocene)

Qac Alluvium and colluvium, undivided (Pleistocene)

Qsw Sheetwash deposits (Holocene to late Pleistocene)

Of₁ Alluvial-fan deposit one (late Holocene)

Of₂ Alluvial-fan deposit two (early Holocene)

Qg₁ Pediment gravel one (middle Pleistocene)

Qg₂ Pediment gravel two (middle Pleistocene)

Qg Gravel deposit, undivided (Pleistocene)

OPg Gravel of Palmer Divide (early Pleistocene? or late Pliocene?)

MASS-WASTING DEPOSITS

Qc Colluvial deposits, undivided (Holocene to late Pleistocene)

Qcwm Colluvium rich in fragments of Wall Mountain Tuff (Holocene to late Pleistocene)

Qls Landslide deposits (late Holocene)

EOLIAN DEPOSITS

Qes Eolian sand (Holocene to late Pleistocene)

Qlo Loess (late Pleistocene)

BEDROCK

Tcr Castle Rock Conglomerate (upper Eocene)

Twm Wall Mountain Tuff (upper Eocene)

Dawson Formation (Eocene to Upper Cretaceous)

TKda₅ Facies unit five (middle? to lower Eocene)

TKdu Dawson Formation, undivided (Upper Cretaceous to Eocene)—
Shown on cross section only

— Contact—Approximately located

5 Strike and dip of inclined bedding—Showing direction and angle of dip

2 Strike and dip of inclined bedding—Showing approximate direction and angle of dip

⊕ Horizontal bedding

→ Paleocurrent direction

A—A' Alignment of cross section

Mapped, edited, and published by the Geological Survey

Control by USGS and NDS/NOAA

Topography by photogrammetric methods from aerial photographs

taken 1952. Field check 1954

Polyconic projection, 1927 North American datum

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

1000-meter Universal Transverse Mercator grid ticks,

zone 13, shown in blue

Dashed lines indicate approximate locations

Revisions shown in purple compiled from aerial photographs

taken 1975. This information not field checked

SCALE 1:24,000

CONTOUR INTERVAL 20 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

UTM GRID AND 1975 MAGNETIC NORTH

DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

ADJOINING 7.5' QUADRANGLES

EASTONVILLE QUADRANGLE GEOLOGIC MAP, EL PASO COUNTY, COLORADO

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