

LIST OF MAP UNITS

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

SURFICIAL DEPOSITS

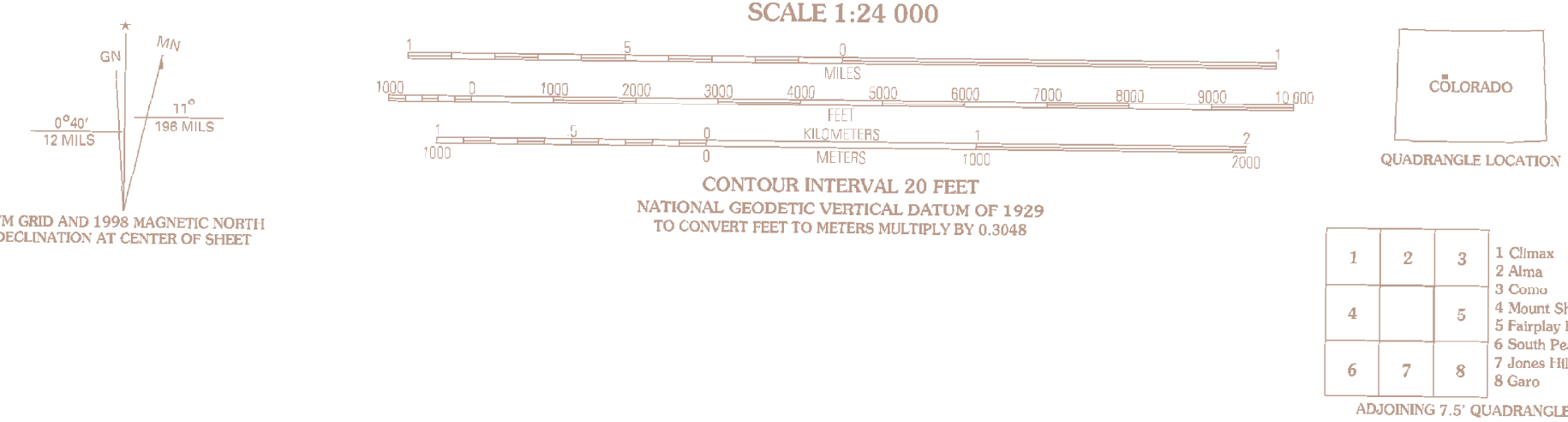
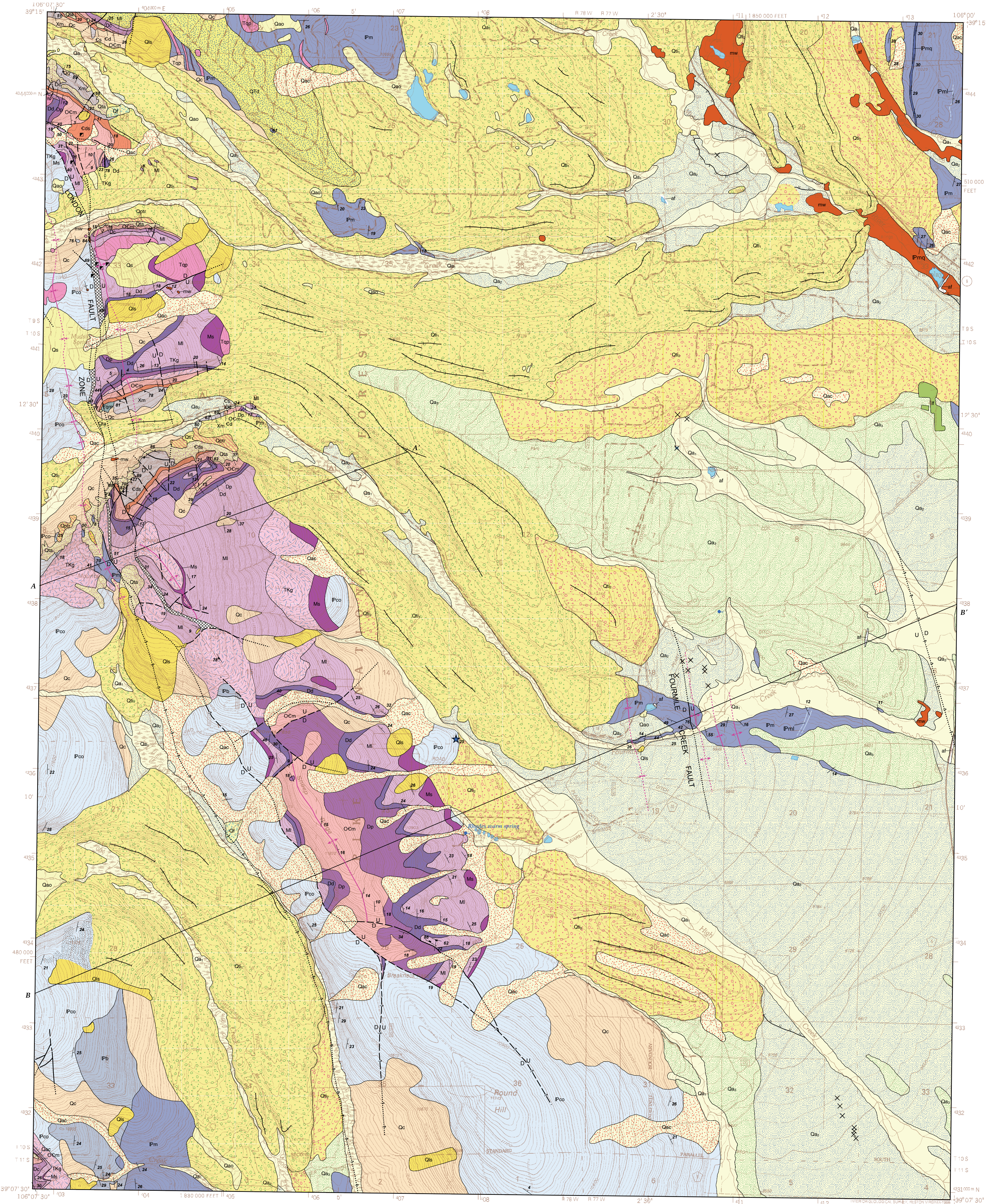
- HUMAN-MADE DEPOSITS**
- If Landfill (Historic)
 - af Artificial fill (Historic)
 - mw Mine waste (Historic)
- ALLUVIAL DEPOSITS**
- Qa₁ Alluvial unit one (Holocene)
 - Qa₂ Alluvial unit two (upper Pleistocene)
 - Qao Alluvial and organic-rich sediment (Holocene and upper Pleistocene)
 - Qa₃ Alluvial unit three (upper middle Pleistocene)
- MASS-WASTING DEPOSITS**
- Qc Colluvium (Holocene and upper Pleistocene)
 - Qta Talus (Holocene and upper Pleistocene)
 - Qls Landslide deposits (Holocene and upper Pleistocene)
- ALLUVIAL AND MASS-WASTING DEPOSITS**
- Qf Fan deposits (Holocene and upper Pleistocene)
 - Qac Alluvium and colluvium deposits (Holocene and upper Pleistocene)
- GLACIAL DEPOSITS**
- Qti₁ Till unit one (upper Pleistocene)
 - Qti₂ Till unit two (middle Pleistocene)
- PERIGLACIAL DEPOSITS**
- Qptr Protalus-rampart deposits (Holocene)
 - Qs Solifluction deposits (Holocene and upper Pleistocene)
- DIAMICTON**
- Qtd Diamicton (middle to lower Pleistocene or Pliocene)

BEDROCK

- TERTIARY INTRUSIVE ROCKS**
- Tqp Quartz monzonite porphyry (Eocene)
 - TKg Granite porphyry (Paleocene to late Cretaceous)
- PALEOZOIC SEDIMENTARY ROCKS**
- Pm Minturn Formation (Middle and Early Pennsylvanian), Pmi indicates limestone bed
 - Pmp White Quail Limestone Member (middle Pennsylvanian)
 - Pco Coffman Member of the Minturn Formation (Middle and Early Pennsylvanian)
 - Pb Belden Formation (Pennsylvanian)
 - Ms Quartzite of Sheep Mountain (Mississippian?)
 - Mal Quartzite of Sheep Mountain (Mississippian?) and Leadville Dolomite (Mississippian), undivided—Shown only on cross sections
 - MI Leadville Limestone (Mississippian)
 - Dc Chaffee Group, undivided (Late Devonian)
 - Dd Dyer Dolomite
 - Dp Parting Formation
 - Ocm Manitou Formation (Ordovician to Late Cambrian)
 - Cd Dotsero Formation (Late Cambrian)
 - Cds Dotsero Formation (Late Cambrian) and Sawatch Quartzite (Late Cambrian), undivided
 - Cs Sawatch Quartzite (Late Cambrian)
- PROTEROZOIC INTRUSIVE ROCKS**
- Yqm Quartz monzonite (Mesoproterozoic)
- PROTEROZOIC METAMORPHIC ROCKS**
- Xm Migmatite (Paleoproterozoic)

SYMBOLS

- Contact—Approximately located; showing dip angle
- D Fault—Dashed where approximately located; dotted where concealed; queried where location uncertain; D=downthrown side; U=upthrown side; showing dip angle
- Anticline—Dotted where concealed
- Syncline—Dotted where concealed
- Terrace riser—Relatively steep slope that separates the subhorizontal surfaces or trends of adjacent terraces that are included within a single map unit
- Moraine crest
- Fault zone
- Small body of water or stock pond
- Thin veneer of patchy till over bedrock
- Strike and dip of bedding, faults, or contacts
- Inclined—Showing direction and angle of dip
 - Vertical
- Strike and dip of foliation
- Inclined—Showing direction and angle of dip
 - Vertical
- Strike and dip of joint
- Inclined—Showing direction and angle of dip
- Topographic depression of uncertain origin
- Mine shaft more than 25 feet deep
- Spring
- Spring deposit (SW ¼, sec. 24, T. 10 S., R. 78 W.)
- A—A' Alignment of cross sections



GEOLOGIC MAP OF THE FAIRPLAY WEST QUADRANGLE, PARK COUNTY, COLORADO

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Bill Ritter Jr., Governor
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