



LIST OF MAP UNITS

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

QUATERNARY SURFICIAL DEPOSITS

|     |   |
|-----|---|
| af  | Artificial fill (latest Holocene)                         |
| Qac | Alluvium and colluvium (Holocene and late Pleistocene?)   |
| Qes | Eolian sand and silt deposits (Holocene and Pleistocene?) |
| Qao | Older alluvium (Pleistocene)                              |
| Qp3 | Pediment deposit three (Pleistocene)                      |
| Qp2 | Pediment deposit two (Pleistocene)                        |
| Qp1 | Pediment deposit one (Pleistocene)                        |

TERTIARY ROCKS AND DEPOSITS

|     |                                  |
|-----|----------------------------------|
| Tb  | Basalt (Miocene)                 |
| Twm | Wagon Tongue Formation (Miocene) |
| Twm | Wall Mountain Tuff (Oligocene)   |
| Tad | Andesite (Tertiary)              |
| Trp | Rhyodacite porphyry (Tertiary)   |

MESOZOIC ROCKS

|    |  |
|----|--|
| Kw | Whitehorn Granodiorite (Late Cretaceous) |
|----|--|

PALEOZOIC ROCKS

|  |  |
|--|--|
| Sangre de Cristo Formation (Lower Permian and Upper Pennsylvanian) |  |
| &sc1   | Member one (Upper Pennsylvanian)               |
| &m   | Minturn Formation (Middle Pennsylvanian)       |
| &b   | Belden Shale (Middle Pennsylvanian)            |
| &s   | Sharpsdale Formation (Middle Pennsylvanian)    |
| &k   | Kerber Formation (Lower Pennsylvanian)         |
| Ml   | Leadville Limestone (Lower Mississippian)      |
| Chaffee Formation (Upper Devonian)                                 |  |
| Dcd  | Dyer Dolomite Member                           |
| Dcp  | Parting Quartzite Member                       |
| Of   | Fremont Dolomite (Upper and Middle Ordovician) |
| Oh   | Harding Quartzite (Middle Ordovician)          |
| Om   | Manitou Limestone (Lower Ordovician)           |
| S  | Sawatch Quartzite (Upper Cambrian)             |

PROTEROZOIC ROCKS

|      |   |
|------|---|
| Xp   | Pegmatite (Early Proterozoic)                 |
| Xgm  | Granodiorite (Early Proterozoic)              |
| Xgmp | Quartz Monzonite Porphyry (Early Proterozoic) |
| Xl   | Lamprophyre (Early Proterozoic)               |
| Xgd  | Granodiorite (Early Proterozoic)              |
| Xgn  | Gneiss (Early Proterozoic)                    |

|                        |  |
|------------------------|--|
| — — —                  | Contact—Dashed where inferred and dotted where covered by younger deposits                                     |
| — — —                  | Fault—Dashed where approximately located and dotted where covered by younger deposits. Ball on downthrown side |
| ↗ ↘                    | Anticline—End arrow indicates direction of plunge  |
| ↖ ↙                    | Syncline—End arrow indicates direction of plunge   |
| Strike and dip of beds |  |
| 66°                    | Inclined   |
| — —                    | Vertical   |
| ⊕                      | Horizontal   |
| 60°                    | Strike and dip of shear cleavage   |
| 22°                    | Strike and dip of foliation  |
| ★ 97200                | Sample location and sample number  |
| A — A'                 | Alignment of cross sections  |

GEOLOGIC MAP OF THE CAMERON MOUNTAIN QUADRANGLE, CHAFFEE, FREMONT AND PARK, COUNTIES, COLORADO

By C.A. Wallace and Allison D. Lawson  
2008



Bill Ritter Jr., Governor  
State of Colorado  
Harris D. Sherman, Executive Director  
Department of Natural Resources  
Vincent Matthews  
State Geologist and Division Director  
Colorado Geological Survey