

SURFICIAL ROCKS
(Areas of Surficial rocks are shown by patterns of dots and circles.)

- Pls**
Landslides
(A confused mingling of large and small blocks of various formations from the mountains above)
- Ptg**
Terrace gravels
(Gravel and boulder-beds of alluvial origin)

PLEISTOCENE

SEDIMENTARY ROCKS
(Areas of Sedimentary rocks are shown by patterns of parallel lines.)

- Kle**
Lewis shale
(dark shales somewhat arenaceous, fossiliferous)
- Kmv**
Mesaverde formation
(alternating sandstones and shales containing workable coal seams, and is fossiliferous)
- Kmc**
Mancos shale
(dark shale with local calcareous and sandy layers fossiliferous and includes the Horton and Victoria formations and part of the Pierre)
- Kd**
Dakota sandstone
(interbedded quartzose sandstones with carbonaceous shale locally containing coal)

CRETACEOUS

Stylolites of the Gunnison formation
(Durango)

- Jme**
Mc Elmo formation
(alternating sandstones and shales)
- Jlp**
La Plata sandstone
(white massive sandstone with thin blue limestones and calcareous shale)
- Jd**
Dolores formation
(calcareous sandstone, gray conglomerate, and some shale with prevailing red color, fossiliferous)

JURATRIAS

IGNEOUS ROCKS
(Areas of igneous rocks are shown by patterns of triangles and rhombs.)

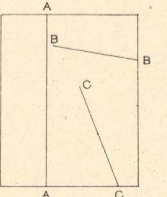
- Basic dikes and sheets**
(vesiculate, augite-hornblende and allied rare rocks)
- di**
Diorite
(in stocks and sheets. Contains augite, hornblende, and biotite)
- mz**
Monzonite
(in stocks and associated dikes and sheets. Contains augite as the chief dark silicate)
- sy**
Augite-syenite
(in two stocks)
- sp**
Syenite-porphphy
(in sheets and dikes)
- dmp**
Diorite-porphphy and monzonite-porphphy
(in stocks, sheets, and dikes)

Eocene?

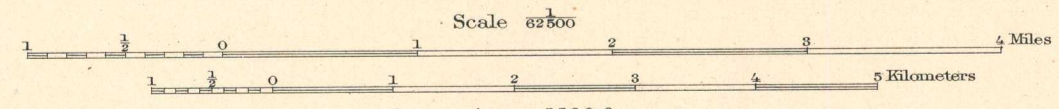
Faults

Landslide boundaries

Sections



Henry Gannett, Chief Topographer.
E. M. Douglas, Topographer in charge.
Triangulation and Topography by Frank Tweedy.
Surveyed in 1895.



Scale 62500
Contour interval 100 feet.
Datum is mean sea level.

Edition of Oct. 1899.

Geology by Whitman Cross.
Assisted by A. C. Spencer and H. S. Gane.
Economic Geology by Chester W. Purinton.
Surveyed in 1896-97.

Strike and dip of stratified rocks