

LEGEND

IGNEOUS ROCKS (continued)

Arh Older rhyolite (associated with Algonkian quartzite)

Faults

Landslide boundaries

Sections



U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

HISTORICAL GEOLOGY SHEET

COLORADO
TELLURIDE QUADRANGLE



LEGEND

SURFICIAL ROCKS

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

- Alloium (lake and river deposits)
- Glacial boulder deposit

SEDIMENTARY ROCKS

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

- San Miguel formation (conglomerate containing pebbles of quartzite, quartz, limestone, and sandstone)
- Mancos shale (includes the Bonanza and Roberts formations and part of the Ferris)
- Dakota formation (mainly sandstone, with shale and unquartzite)
- Mo. Elmo formation (alternating sandstones and shales)
- La Plata sandstone (two white sandstone beds with dark limestone between)
- Dolores formation (sandstone, conglomerate, and some shale, prevailing color red)
- Quartzite

IGNEOUS ROCKS

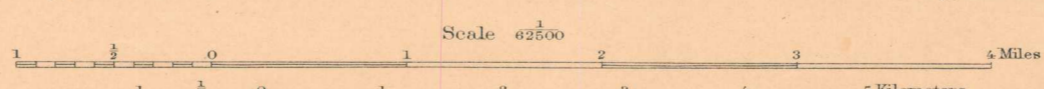
(Areas of Igneous rocks are shown by patterns of triangles and rhombs.)

- Basic dikes (basalt and several other dark-colored rocks)
- Andesite (decomposed, relation to other rocks not known)
- Granite-porphphyry (irregular intrusive bodies)
- Gabbro-diorite (stocks and associated sills or sheets)
- Diorite-monzonite (stocks and associated sills or sheets)
- Monzonite (large stock)
- Diorite-porphphyry (laccolitic sheets and dikes)
- Rhyolite (volcanic plugs piercing Cretaceous shale)
- Potosi rhyolitic series (several flows and variable tuff beds)
- Intermediate series (conglomerated andesite, and rhyolite flows, tuff, breccia, and agglomerate)
- San Juan series (bedded tuff breccia, and agglomerate of andesitic material)

Landslides (San Miguel formation and San Juan and higher volcanic series in contact relation)

Legend is continued on the left margin.

Henry Gannett, Chief Topographer.
E. M. Douglas, Topographer in charge.
Triangulation by Hayden Survey.
Topography by Frank Tweedy.
Surveyed in 1894.



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

Edition of Mar. 1893.

Areal Geology by Whitman Cross.
Assisted by H.S. Gann, E.O.E. Lord and A.C. Spencer.
Economic Geology by Chester W. Ruffington.
Surveyed in 1895-96.