

LEGEND

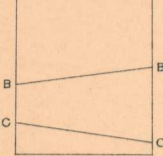
IGNEOUS ROCKS
(continued)

Arh
Older rhyolite
(associated with
Algonkian quartzite)

Faults

Landslide boundaries

Sections



Gold quartz veins showing dip and strike
Gold and silver mines
Coal mines

Known productive formations

Gravel somewhat auriferous

NAMES OF MINES.

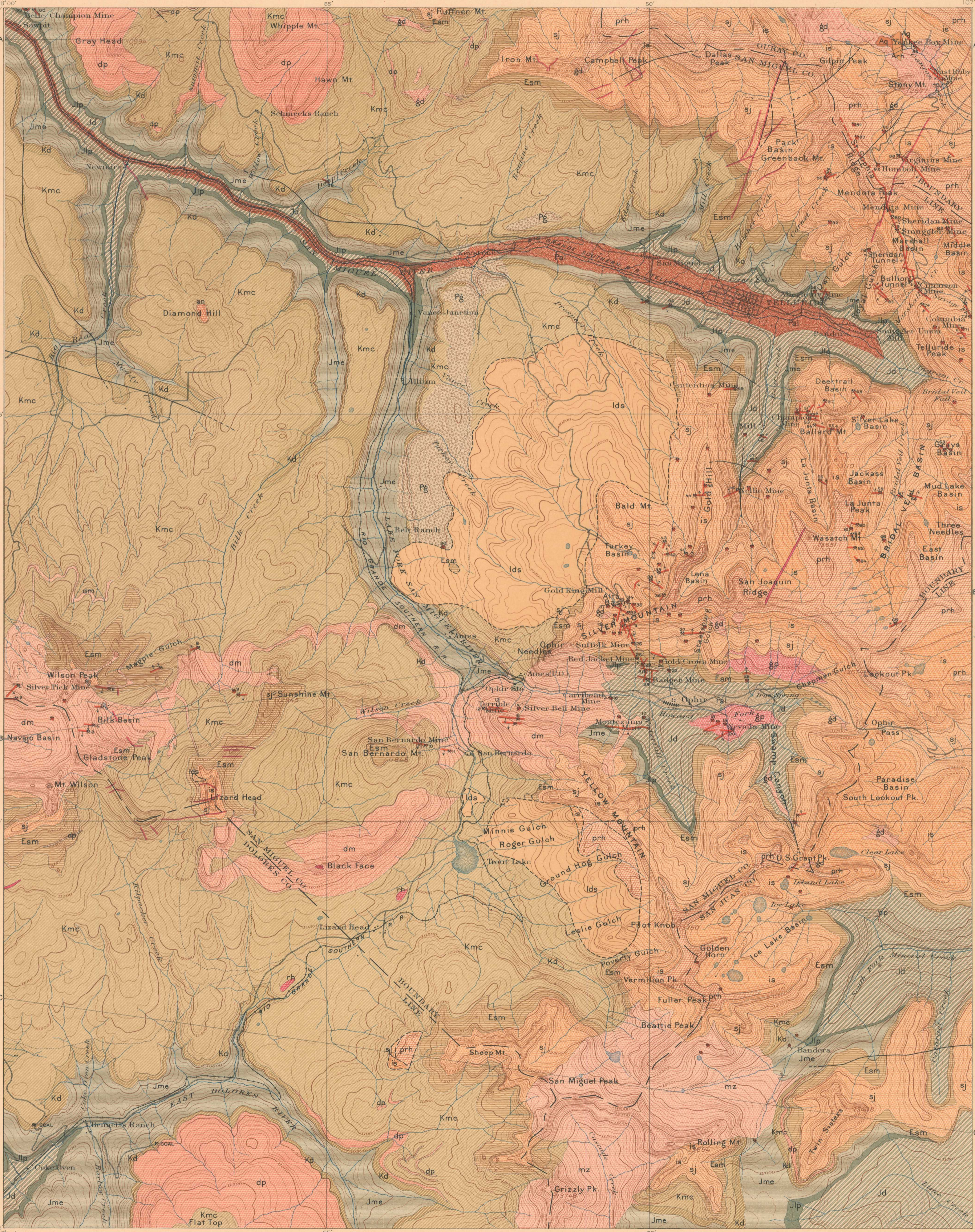
(Indicated on the map by numbers.)

- 1 Silver Pick.
- 2 Tam O'Shanter.
- 3 Colorado.
- 4 J. W. C.
- 5 Lakeside.
- 6 Independence.
- 7 Maggie.
- 8 Morning Star.
- 9 Belcher.
- 10 San Bernardo.
- 11 Garibaldi.
- 12 Butterfly.
- 13 Terrible.
- 14 Silver Bell.
- 15 Butler.
- 16 Carribeau.
- 17 Montezuma.
- 18 American Frenchman.
- 19 Nevada.
- 20 Wat Cheer.
- 21 Santa Cruz.
- 22 Lookout Tunnel.
- 23 Attica.
- 24 Gold Crown.
- 25 Red Jacket.
- 26 Suffolk.
- 27 Single Standard.
- 28 Badger.
- 29 Winnemucca.
- 30 Currency.
- 31 Grand View.
- 32 Summit.
- 33 Gold King.
- 34 Silver King.
- 35 Alta.
- 36 Crown Jewel.
- 37 Bohemia.
- 38 Palmyra.
- 39 Atlanta.
- 40 Lone Star.
- 41 Turkey Creek.
- 42 Confidence.
- 43 Little Olla.
- 44 Stella.
- 45 Star Gazer.
- 46 Nellie.
- 47 Silver Chief.
- 48 Northern Ohio.
- 49 Contention.
- 50 Champion.
- 51 Elizabeth.
- 52 Aurora.
- 53 Golden Butterfly.
- 54 Ballard.
- 55 Franklin.
- 56 La Junta.
- 57 Junebug.
- 58 Fairview.
- 59 Pulaski.
- 60 Broad Gauge.
- 61 Gold Cable.
- 62 Horatio.
- 63 Hallowell.
- 64 Gold Reserve.
- 65 Lewis.
- 66 Telluride.
- 67 Waterfall.
- 68 Royal.
- 69 Waterloo.
- 70 Mayflower.
- 71 Columbia.
- 72 Cincinnati.
- 73 N. W. H., Jr.
- 74 Alamo.
- 75 Bradley-Pioneer.
- 76 Cimarron.
- 77 Bullion Tunnel.
- 78 Sheridan Tunnel.
- 79 Smuggler.
- 80 Sheridan.
- 81 Mendota and K. C.
- 82 Humboldt.
- 83 Bank of San Juan.
- 84 Sweepstakes.
- 85 Terrible.
- 86 Yankee Boy.
- 87 Trust Ruby.
- 88 Virginus.
- 89 Montana.
- 90 Gold and Silver Chief.
- 91 Liberty Bell.
- 92 Dynamo.
- 93 Valley View.
- 94 Alleghany.
- 95 Wonder.
- 96 Silver Glade.
- 97 Boomerang.
- 98 Crescent City.
- 99 Belle Champion.
- 100 Lizzie G.

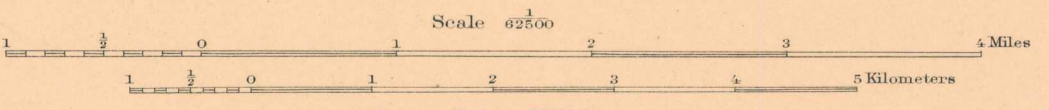
U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

ECONOMIC GEOLOGY SHEET

COLORADO
TELLURIDE QUADRANGLE



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



Scale 42500
Contour interval 100 feet.
Datum is mean sea level.

Edition of Mar. 1893.

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

LEGEND

SURFICIAL ROCKS

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

Al
Alluvium
(lake and river deposits)

Pg
Glacial boulder deposit

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

Esm
San Miguel formation
(conglomerate containing pebbles of granite, quartzite, limestone, and sandstone)

Kmc
Mancoes shale
(includes the Boston and Woburn formations and part of the base)

Kd
Dakota formation
(mainly sandstone, with shale and lignite coal)

Jme
McElmo formation
(alternating sandstones and shales)

Jlp
La Plata sandstone
(two white sandstone beds with dark limestone between)

Jd
Dolores formation
(sandstone, conglomerate, and some shale, prevailing color red)

Aq
Quartzite

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

Basic dikes
(basalt and several other dark dense rocks)

an
Andesite
(associated relation to other andesites not known)

gp
Granite-porphry
(irregular intrusive bodies)

gd
Gabbro-diorite
(stocks and associated dikes or sheets)

dm
Diorite-monzonite
(stocks and associated dikes or sheets)

mz
Monzonite
(large stock)

dp
Diorite-porphry
(laccoliths, sheets, and dikes)

rh
Rhyolite
(volcanic plugs piercing andesitic shales)

prh
Potosi rhyolitic series
(several flows and variable tuff beds)

is
Intermediate series
(consolidated andesitic and rhyolitic flows with breccias and agglomerates)

sj
San Juan series
(bedded tuff breccias and higher volcanic series in confused relation)

lds
Landslides

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

Legend is continued on the left margin.

ALGONKIAN
PLEISTOCENE
Eocene?
CRETACEOUS
JURASSIC
ALGONKIAN
Eocene and Neogene