

STRUCTURE SECTIONS

LEGEND

SHEET SYMBOL	SECTION SYMBOL
Is	Is

Landslides

SEDIMENTARY ROCKS

SHEET SYMBOL	SECTION SYMBOL
Qal	Qal

Alluvium
(winds and walls of valleys)

SHEET SYMBOL	SECTION SYMBOL
Of	Of

Tormentil fans
(accumulations of loose material at the mouths of ravines and gulches)

SHEET SYMBOL	SECTION SYMBOL
Ors	Ors

Rock streams
(talus like masses which have moved on their rock bases and simulate glassy flows in form)

SHEET SYMBOL	SECTION SYMBOL
Om	Om

Moraines
(boulders, gravel, and sand)

SHEET SYMBOL	SECTION SYMBOL
Tr	Tr

Telluride conglomerate
(boulders of granite, schist, quartzite, and limestone)

SHEET SYMBOL	SECTION SYMBOL
Cc	Cc

Culer formation
(sandstone, conglomerate, and some calcareous shale; prevailing color red)

SHEET SYMBOL	SECTION SYMBOL
Cr	Cr

Rico formation
(sandstone, limestone, and shale of fossiliferous origin)

SHEET SYMBOL	SECTION SYMBOL
Ch	Ch

Hermosa formation
(sandstone, shale, and limestone of fossiliferous origin; color fossiliferous)

SHEET SYMBOL	SECTION SYMBOL
Cm	Cm

Molas formation
(red, calcareous, fossiliferous shale, with thin fossiliferous limestone, and quartzite; characterized by coarse pebbles in lower part)

SHEET SYMBOL	SECTION SYMBOL
DCo	DCo

Ouray limestone
(white or light pink, fossiliferous limestone, with a few quartzite layers; fossiliferous)

SHEET SYMBOL	SECTION SYMBOL
De	De

Elbert formation
(calcareous shale, thin limestone, and quartzite; characterized by casts of salt crystals)

SHEET SYMBOL	SECTION SYMBOL
Ci	Ci

Ignacio quartzite
(thin bedded, gray or pink, waxy quartzite, with trail markings on shale partings)

SHEET SYMBOL	SECTION SYMBOL
Aus	Au

Uncompahgre formation
(massive, white or gray quartzite, locally conglomerate, with dark shale or shale bands; Aus)

SHEET SYMBOL	SECTION SYMBOL
As	As

Schist and gneiss
(finely foliated rocks of varying character; dark gray to color)

SHEET SYMBOL	SECTION SYMBOL
Tqm	Tqm

Quartz monzonite
(stocks and dikes)

SHEET SYMBOL	SECTION SYMBOL
Trh	Trh

Intrusive porphyries
(dikes, small stocks, laccoliths, and irregular masses)

SHEET SYMBOL	SECTION SYMBOL
Tan	Tan

Intrusive rhyolite
(dikes and sheets)

SHEET SYMBOL	SECTION SYMBOL
Tp	Tp

Intrusive andesite
(dikes, small stocks, and sheets of andesite or tuff)

SHEET SYMBOL	SECTION SYMBOL
Is	Is

Potosi volcanic series
(flows and tuffs of quartz, tuff, and rhyolite)

SHEET SYMBOL	SECTION SYMBOL
Is	Is

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8000 feet above sea level

LEGEND

IGNEOUS ROCKS
(continued)

SHEET SYMBOL	SECTION SYMBOL
Tpa	Tpa

Pyroxene-andesite
(bearing augite and hypersthene; flows, tuffs, and dikes)

SHEET SYMBOL	SECTION SYMBOL
Tb	Tb

Burns latite
(containing hornblende, biotite, and quartz; flows, tuffs, and tuffs)

SHEET SYMBOL	SECTION SYMBOL
Te	Te

Eureka rhyolite
(mainly flows and dikes of flow masses; some tuffs)

SHEET SYMBOL	SECTION SYMBOL
Tpy	Tpy

Picayune andesite
(augite bearing massive and breccia)

SHEET SYMBOL	SECTION SYMBOL
Ts	Ts

Silverton volcanic series undifferentiated
(andesite and rhyolite flow breccia; in flows, tuffs, and tuffs)

SHEET SYMBOL	SECTION SYMBOL
Tsj	Tsj

San Juan tuff
(bedded tuff and breccia or agglomerate of andesitic material)

SHEET SYMBOL	SECTION SYMBOL
db	db

Diorite
(cuts schist and granite)

SHEET SYMBOL	SECTION SYMBOL
gr	gr

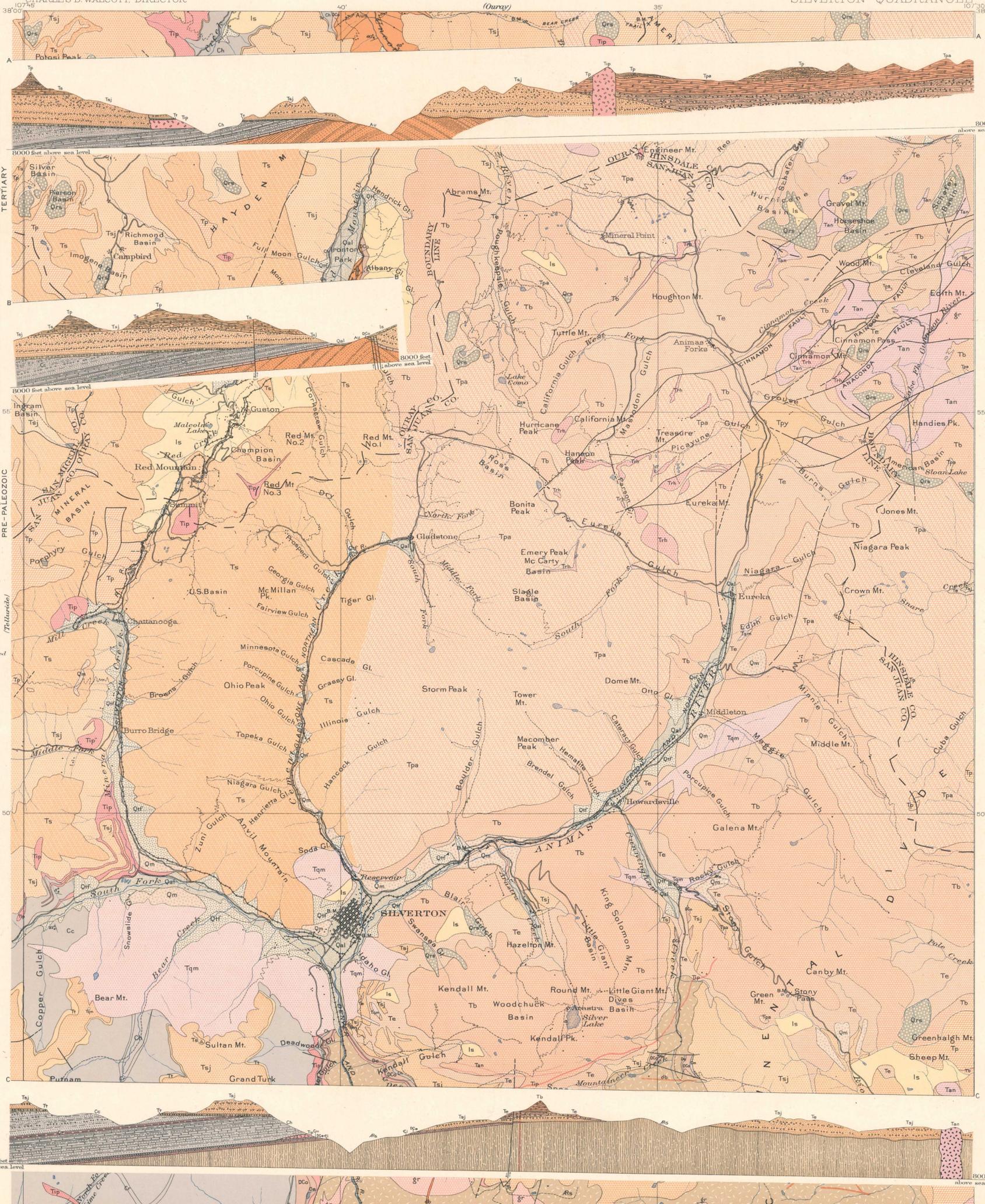
Granite
(dikes and large irregular masses cutting schist)

Known faults
(doubtful location indicated by dashes)

Concealed faults
(covered by younger deposits)

Strikes and dip of stratified rocks

8000 feet above sea level



E.M. Douglas, Geographer in charge.
Control by Frank Tweedy.
Topography by W.M. Beaman and Arthur Stiles.
Surveyed in 1895 and 1900-1901.

Scale 32500

Projection based on U.S. Coast and Geodetic Survey data of 1900.
Projection of Telluride sheet based on earlier data.
Edition of Feb. 1905.

Areal Geology by Whitman Cross,
Ernest Howe, and A.C. Spencer.
Assisted by J. Morgan Clements,
G.W. Stose, and R.D. George.
Surveyed in 1899, 1900, and 1901.

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