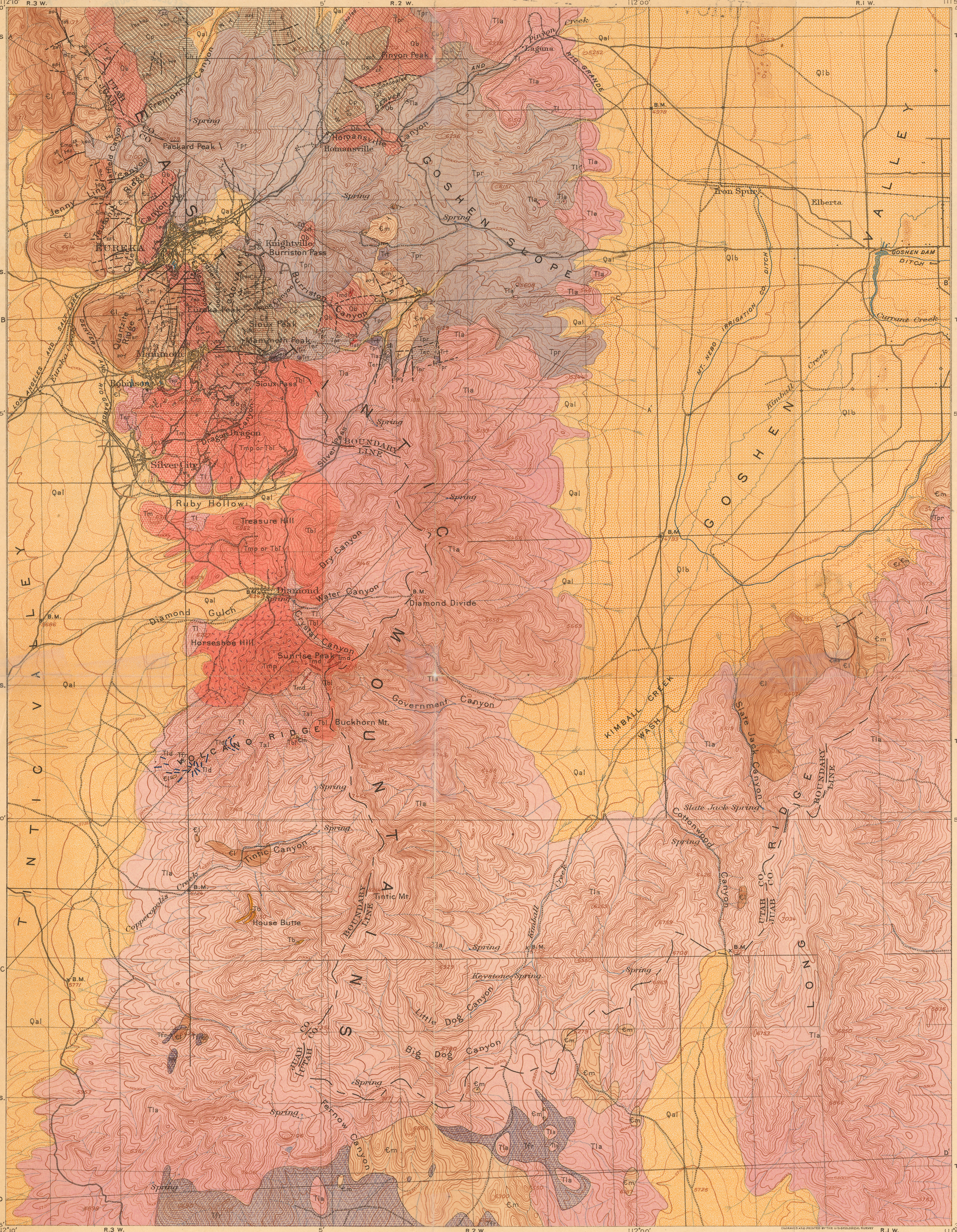
PLEASE REPLACE IN POCKET IN BAC (map)



LEGEND

SEDIMENTARY ROCKS

QUATERNARY

Recent

Qal — Alluvium

Pleistocene

Qlb — Lake Bonneville beds

CARBONIFEROUS

Upper Mississippian

Ch — Humbug formation (*Alternating beds of limestone, sandstone, and shale*)

Lower Mississippian

Cp — Pine Canyon limestone, Gardner dolomite, and Victoria quartzite

UNCONFORMITY

DEVONIAN

Upper Devonian ?

Dp — Pinyon Peak limestone

UNCONFORMITY

ORDOVICIAN

Upper to Lower Ordovician

Ob — Bluebell dolomite, Opohonga limestone, and Ajax limestone. Contact metamorphic in part

UNCONFORMITY

CAMBRIAN

Upper Cambrian ?

Єu — Opex dolomite. Contact metamorphic in part

Middle Cambrian

Єm, Єmo — Chiefly light and dark-gray dolomite, shaly limestones, and shale, including Cole Canyon dolomite, Bluebird dolomite, Herkimer limestone, Dagmar limestone, Teutonic limestone, and Ophir formation, Єmo. Contact metamorphic in part

Lower Cambrian

Єl — Tintic quartzite (*May include some pre-Cambrian*)

IGNEOUS ROCKS

TERTIARY (post-Eocene)

Tb — Basalt dikes

Tm — Monzonite

Tld, Tmd — Latite (Tld) and monzonite porphyry (Tmd) dikes

Tmp, Tbl — Monzonite porphyry, Tmp and associated biotite latite, Tbl

Tal — Augite latite

Tl — Latite tuff and breccia

Tla — Latite (and andesite ?) (*Flows, tuffs, and breccias not subdivided*)

Tsr — Swansea rhyolite

Tpr — Packard rhyolite

Tfr — Fernow rhyolite

Trt — Rhyolite tuff

Ter — Early rhyolite

Strike and dip of beds

Strike of vertical bed

Fault

Anticline

R.U.Goode, Geographer in charge.
Triangulation by S.S.Gannett.
Topography by R.B.Marshall.
Surveyed in 1897.

GEOLOGIC MAP OF TINTIC QUADRANGLE, UTAH

Scale $\frac{1}{62500}$

1 ½ 0 1 2 3 4 Miles

1 ½ 0 1 2 3 4 5 Kilometers

Contour interval 50 feet.

Datum is mean sea level.

1918

ENGRAVED AND PRINTED BY THE U.S. GEOLOGICAL SURVEY

Geology by G. F. Loughlin
Surveyed in 1911