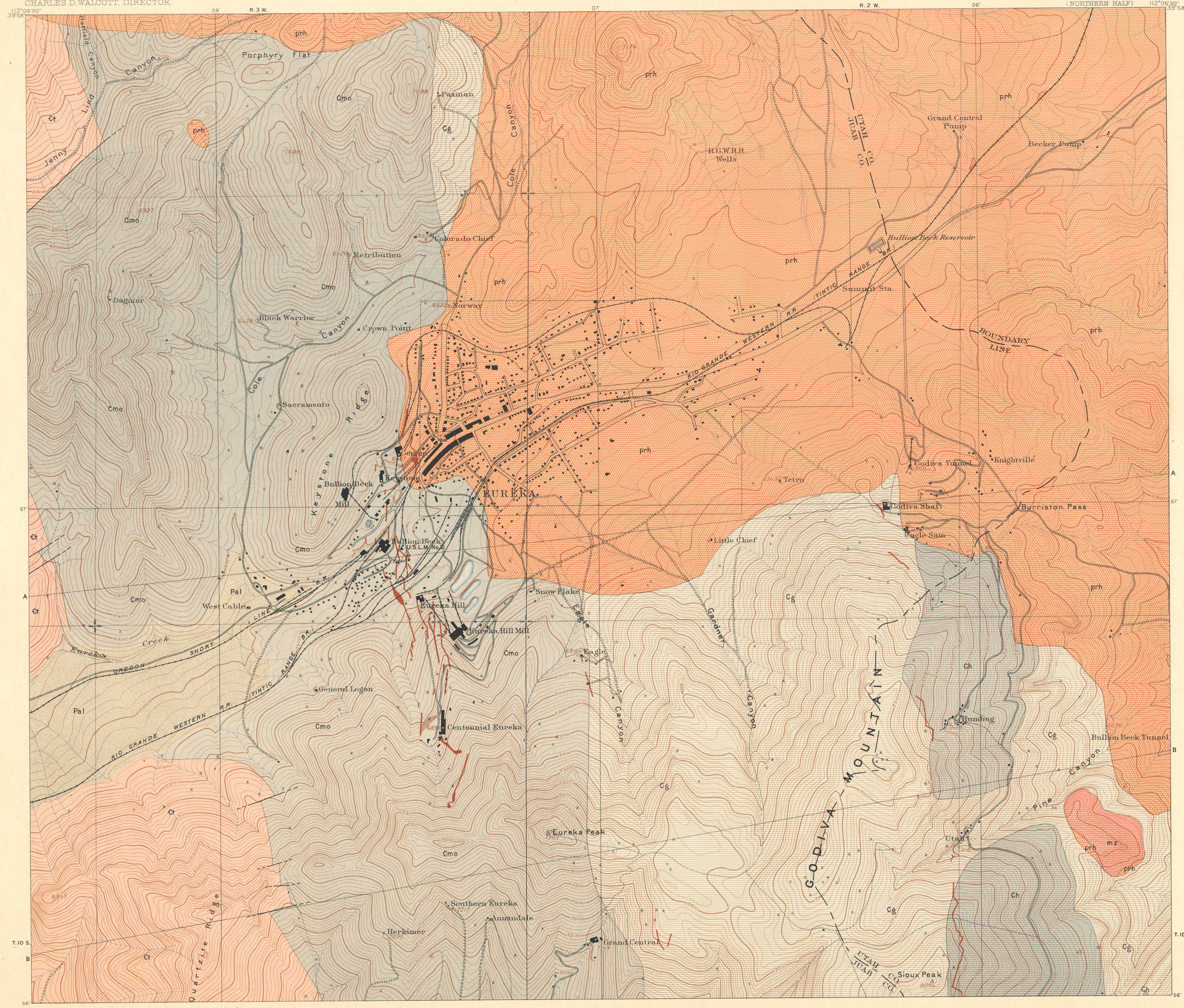
U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

ECONOMIC GEOLOGY SHEET

UTAH
TINTIC MINING MAP
(NORTHERN HALF)



LEGEND

SURFICIAL ROCKS

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

PLEISTOCENE

Pal — Alluvium *(stream gravels, sand, and silt)*

SEDIMENTARY ROCKS

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

CARBONIFEROUS

Ch — Humbug formation *(alternating beds of fossiliferous sandstone and limestone)*

Cg — Godiva limestone *(blue and black fossiliferous limestone)*

Cmo — Mammoth limestone *(gray and blue dolomite and dolomitic limestone)*

CAMBRIAN

Ct — Tintic quartzite *(massive quartzite with clay slate at top)*

IGNEOUS ROCKS

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

NEOCENE?

mz — Monzonite *(porphyritic in part)*

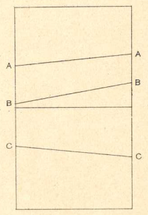
an — Andesite *(lava flows and tuffs; latite in part)*

prh — Packard rhyolite *(flows and sheets)*

srh — Swansea rhyolite *(intrusive bodies of quartz-porphyry)*

Faults

Sections



Shafts
Tunnels
Prospects

Known productive formations

Ore bodies in limestone (projected to the surface from mine workings; chiefly gold, silver, lead, and copper ores)

Veins in igneous rocks (carry chiefly silver, lead, and copper ores)