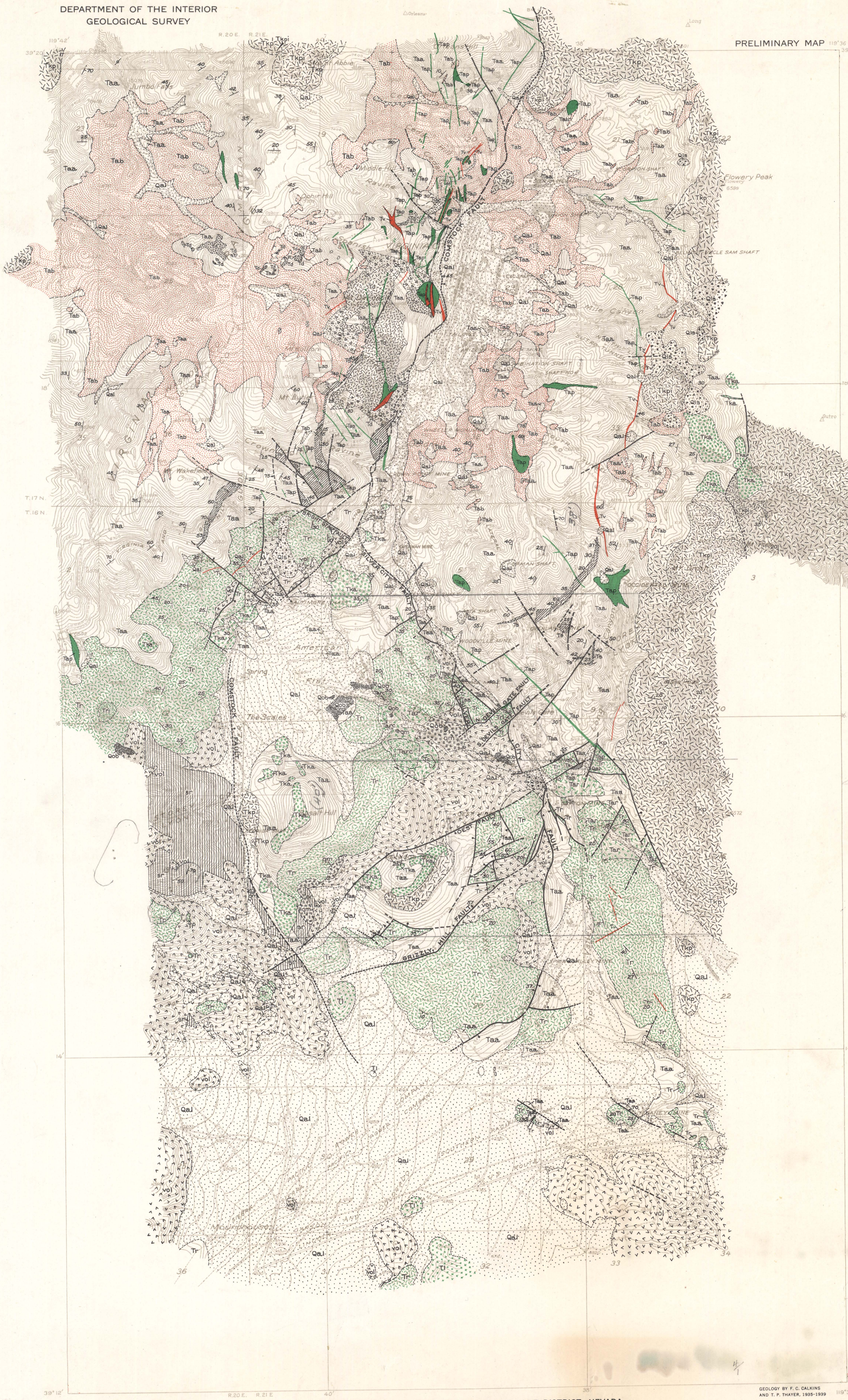
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PRELIMINARY MAP



EXPLANATION

QUATERNARY

Early Pleistocene (?) to Recent

- Qal — Alluvium, dumps and made ground
- Qls — Landslide *(Only larger areas shown)*
- Qt — Talus *(Only larger areas shown)*

Pleistocene

- Qob — Olivine basalt of American Ravine *(Conglomerate locally present at base)*

Late Pliocene or Pleistocene

- Tl — Lousetown (?) andesite *(Intrusive and extrusive)*

TERTIARY

Late Miocene or Pliocene

- Tka — Knickerbocker andesite

Upper Miocene or Pliocene

- Tkp — Kate Peak andesitic series *(Extrusive)*
- Tkpi — Andesite contemporaneous with Kate Peak andesitic series *(Intrusive)*

Miocene (?)

- Tv — Quartz veins
- Td — Davidson diorite *(Stock of Mt. Davidson and small pipes)*
- Tap — Andesite porphyry *(Dikes and pipes)*

Miocene — Alta andesite

- Tab — Bleached rocks
- Taa — Lavas, pyroclastic rocks and possibly sills
- Ts — Sutro member *(Sandy to shaly water-laid beds forming one or more strata interbedded with igneous rocks of the unit)*

Miocene (?)

- Tar, Tarc — American Ravine andesite porphyry *(Intrusive in rhyolite; relation to Alta andesitic series uncertain. Tarc, coarse earlier facies of the American Ravine andesite porphyry)*

Eocene (?)

- Tr, Tri — Rhyolite *(Tr, extrusive; Tri, intrusive)*

Pre-Tertiary

- qm — Quartz monzonite *(Intrusive)*
- vol — Meta-volcanic rocks *(Mostly amphibolites, derived from basalts or pyroxene andesites)*
- sr — Sedimentary rocks

55 — Known fault *(Showing down-thrown side and angle of dip)*

Probable fault

Concealed fault

25 — Strike and dip of beds or flows

Contact *(Accurately located)*

Contact *(Indefinite or approximately located)*

- Shaft
- Prospect pit
- Tunnel
- Boundary monument
- Claim corner

GEOLOGY BY F. C. CALKINS AND T. P. THAYER, 1935-1939

Polyconic projection. 1927 North American datum

PRELIMINARY GEOLOGIC MAP OF THE COMSTOCK LODE DISTRICT, NEVADA

Topography by R.C. Seitz and Lloyd Allen Jr.
Control by U. S. Geological Survey and U. S. Coast and Geodetic Survey
Surveyed in 1935 and 36

TRUE NORTH — MAGNETIC NORTH — 18°

APPROXIMATE MEAN DECLINATION, 1935

Scale: $\frac{1}{24000}$ = 2000 ft. to 1 in. × 4 = my Claim Map.

1 ½ 0 1 Miles

5000 0 5000 10000 Feet

1 ½ 0 1 2 Kilometers

Contour interval 25 feet

Datum is mean sea level

1945

GS-15
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