EXPLANATION

- Qal — Stream gravel
- Qbg — Bench gravel
- Qb — Basalt
- Tab — Andesitic breccia
- Tig — Intervolcanic gravel
- Tug — Gravel, age uncertain
- Teg — Early gravel
- Gossan — *(A product of the alteration of serpentine to a carbonate-marmopsite-quartz mixture with limonite, resulting from weathering)*
- ap — Aplite
- gr — Granite
- gb — Gabbro — *(Largely altered to amphibolite. Includes some diorite)*
- sp — Serpentine
- Cch — Cape Horn slate
- Cr — Relief quartzite — *(Chiefly schistose quartzite; in places quartz-mica schist)*
- Cki — Interbedded slate and tuff (*lavas ?*)
- Ckc — Chert
- Ckcg — Conglomerate — *(Angular pebbles and boulders in black slate matrix)*
- Ct — Tigntner formation — *(Amphibolite schist probably derived chiefly from andesitic lavas; a few lenses of coarsely crystalline limestone)*
- Cbc — Blue Canyon formation — *(Fissile clay slate and quartzite sandstones; a few tuffaceous beds)*
- Faults — *(Solid line probably correct within 50 feet, dashed line within 100 feet, dotted line approximate; D, downthrown side of fault)*
- Veins — *(Solid line probably correct within 50 feet, dashed line within 100 feet, dotted line approximate)*
- Geologic boundaries — *(Located with same degree of accuracy as faults and veins)*
- md — Mine dump
- Mine
- Tunnel
- Prospect

Recent / Pleistocene — QUATERNARY

Pliocene (?) / Miocene / Miocene or Eocene / Eocene — TERTIARY

LATE JURASSIC (?) — POST-CARBONIFEROUS (?)

CARBONIFEROUS

Calaveras formation of previous reports — Kanaka formation

GEOLOGIC MAP OF THE ALLEGHANY DISTRICT, CALIFORNIA, SHOWING PRINCIPAL MINING CLAIMS

Topography by W. B. Upton, Jr.
Surveyed in 1924.

Geology by H. G. Ferguson and R. W. Gannett

Scale 1/12000

0 1/4 1/2 3/4 1 inch

1000 500 0 1000 2000 3000 4000 Feet

200 100 0 500 1000 Meters

Contour interval 20 feet

Datum is mean sea level

1932

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