GEOLOGIC MAP OF THE SAN JACINTO QUADRANGLE

SOUTH OF SAN GORGONIO PASS

BY

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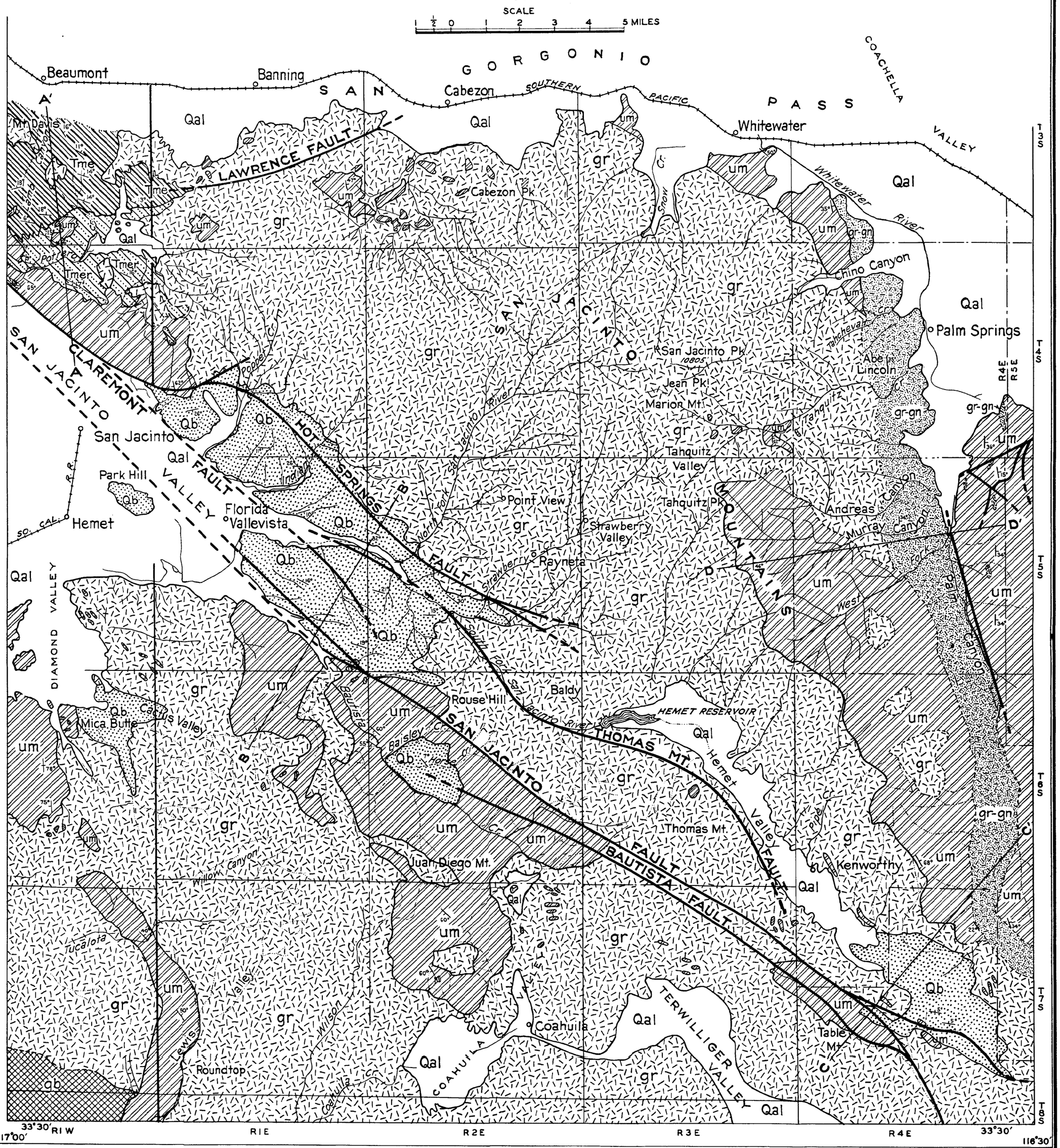
1931



SEDIMENTARY ROCKS

Quaternary

- **Qal** — *Alluvium.* (Sand and soil of the valley floors and stream debris)
- **Qb** — *Bautista beds.* (Coarse loosely consolidated lenticular grayish sandstone and poorly lithified shale.)

Tertiary Pliocene

- **Tme** — *Mt. Eden formation.* (Non-marine shale and sandstone series forming loosely consolidated strata, tan in color, containing vertebrate fossils.)
- **Tmer** — *Red Bed member (Mt. Eden formation).* (Massive arkosic red beds grading upward into massive gray sandstone and shale.)

METAMORPHIC ROCKS

Paleozoic or older

- **um** — *Metamorphic series.* (Predominantly mica schist, also minor amounts of hornblende schist, limestone and quartzite.)

IGNEOUS ROCKS

Jurassic ?

- **gr** — *Granite.* (Typical granite and the most widely distributed rock in the San Jacinto quadrangle.)
- **gr-gn** — *Granite gneiss.* (Gneissoid marginal phase of the granite.)
- **gb** — *Gabbro.* (Dense black to greenish black rock with a tendency to gneissoid structure. Post-metamorphic and pre-granitic in age.)

Faults, exposed.
Faults, buried.
Contact
Approximate contact.
Gradational contact.

Base map taken from U.S.G.S. San Jacinto quadrangle.

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