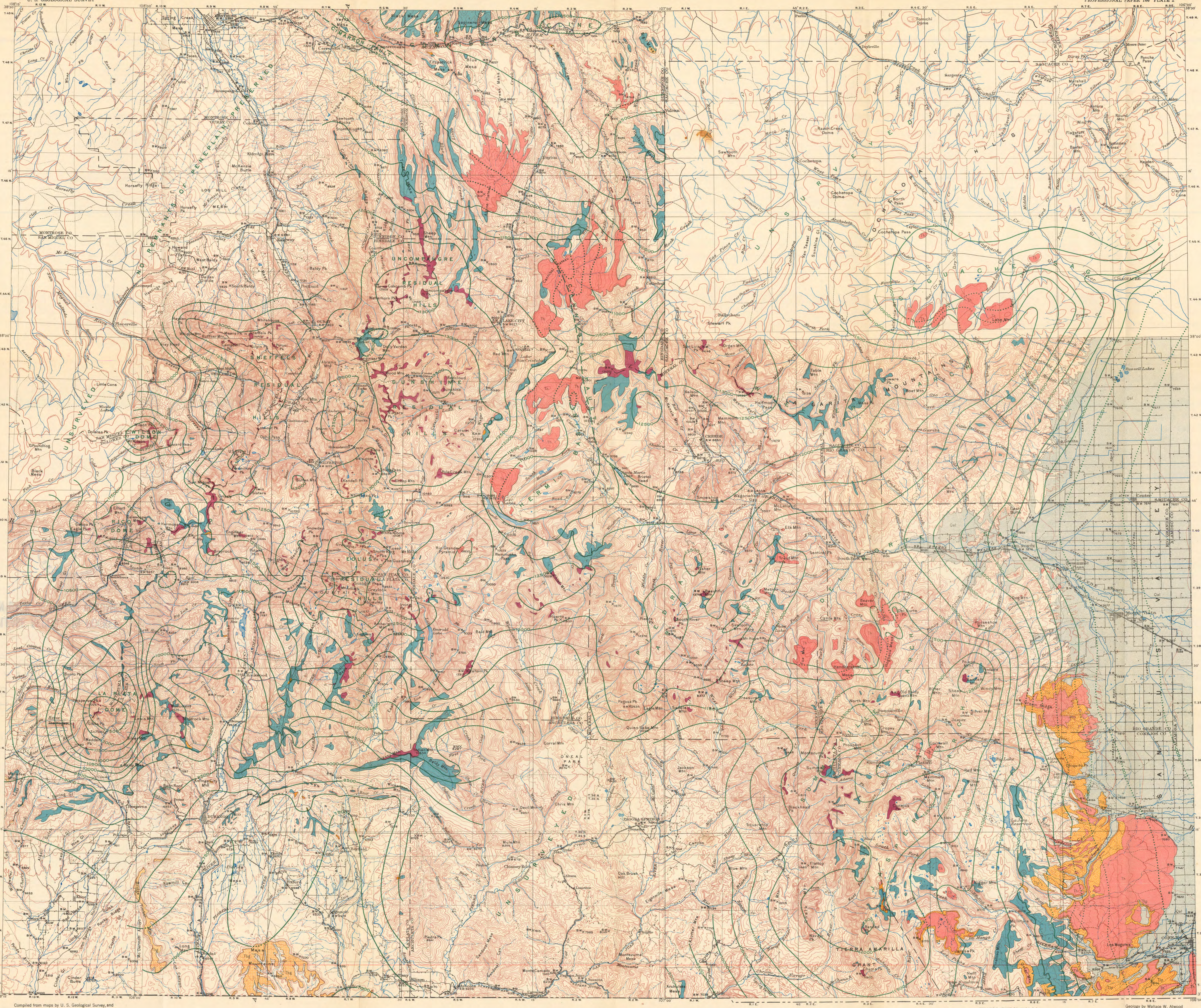


## EXPLANATION

**QUATERNARY** — Recent

- Qal — Alluvium of the San Luis Valley

**TERTIARY (?)** — Pliocene (?) — Deposits upon the San Juan peneplain

- Th — Hinsdale volcanic series
- Tlp — Los Pinos gravel
- Tb — Bayfield gravel
- Tbg — Bridgetimber gravel

- r — Remnants of the San Juan peneplain
- m — Monadnocks above the San Juan peneplain
- 11500, 11000 — Generalized contours showing configuration of the warped San Juan peneplain (restored). Contour lines are dotted where surface is buried beneath post-peneplain accumulations

# GEOLOGIC MAP OF SAN JUAN MOUNTAINS, COLORADO, SHOWING THE RELATION OF THE SAN JUAN PENEPLAIN AND THE DEPOSITS ON IT TO THE PRESENT TOPOGRAPHY

Scale $\frac{1}{250000}$

5 0 5 10 15 Miles

5 0 5 10 15 20 Kilometers

Contour interval 200 and 1000 feet

*Datum is mean sea level*

1932

Geology by Wallace W. Atwood and Kirtley F. Mather