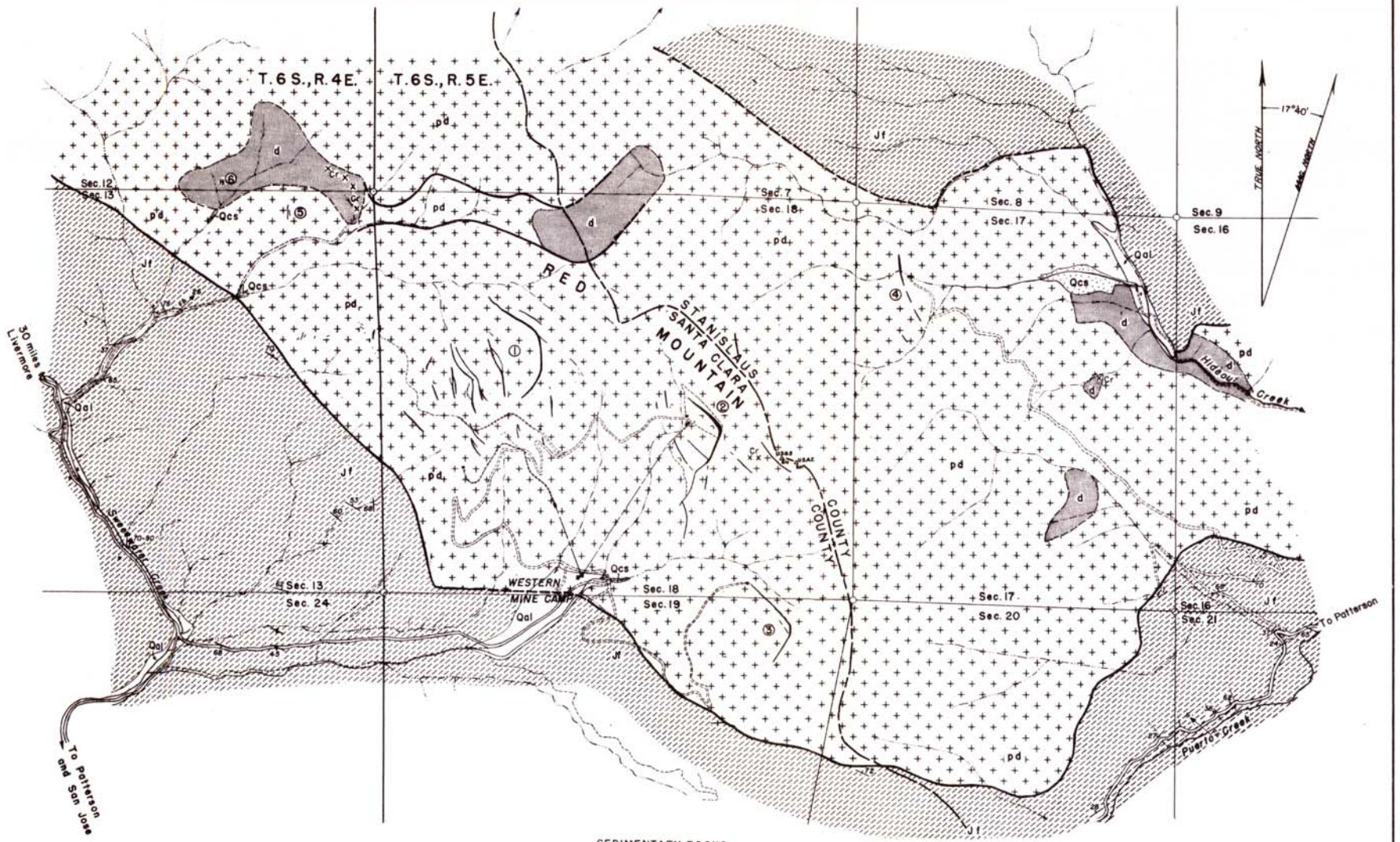

GEOLOGIC MAP of the RED MOUNTAIN MAGNESITE DISTRICT SANTA CLARA and STANISLAUS COUNTIES CALIFORNIA

Scale
1000 0 1000 2000 3000 Feet

SEDIMENTARY ROCKS

QUATERNARY

- Qal — Recent stream deposits
- Qcs — Calcareous sinter

Jurassic(?)

- Jf — Franciscan group

IGNEOUS ROCKS

- d — Dunite
- pd — Peridotite

MINERAL DEPOSITS

- Magnesite
- Cr — Chromite prospect

SYMBOLS

- Strike and dip of beds
- Strike of vertical beds
- Plunge of fold axis
- Fault
- Contact
- Trail
- Overhead tram
- Railroad

MAGNESITE DEPOSITS

1. Diamond-Silver group, Western Mine
2. Number Six-White Queen group, Western Mine
3. Pacific Vein, Western Mine
4. Red Mountain Mine
5. Security Deposit
6. Fidelity Deposit

Note: County line follows watershed, fixed by act of California State Legislature.

Geology by A.J. Bodenlos and J.V. Barnes, Sept. 1943-April 1944.
Base controlled mosaic from U.S.A.A.A. aerial photographs.