SW OF SAN ANDREAS FAULT

- **Qr** — River sand & gravel
- **Qc** — Alluvium
- **Qls** — Landslide rubble
- **Qoa** — Older alluvium

UNCONFORMITY

- **QTp** — Paso Robles Fm. (valley sediments)

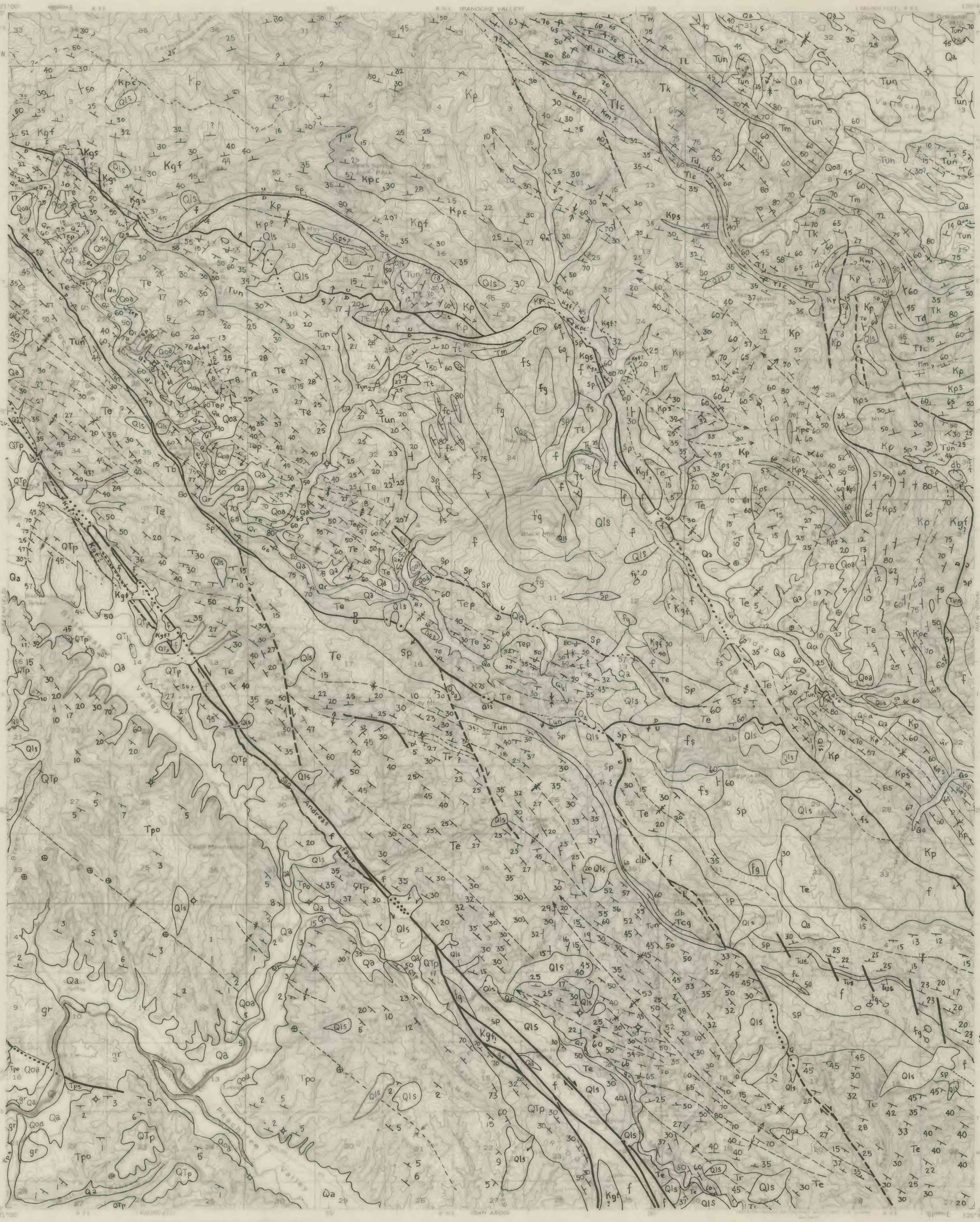
UNCONFORMITY

- **Tpo**, **Tps** — Pancho Rico Fm. Tpo, diatom. mudstone; Tps, sandstone

UNCONFORMITY

- **gr** — Granitic rocks

Holocene; Pleistocene; QUATERNARY; Pliocene; TERTIARY; MESOZOIC



NE OF SAN ANDREAS FAULT

- **Qr** — River sand & gravel
- **Qa** — Alluvium
- **Qls** — Landslide rubble
- **Qoa** — Older alluvium

UNCONFORMITY

- **Te** / **Tep** — Etchegoin Form. Tep, pebbly arkosic ss. Te, marine sandst. and siltstone
- **Tun** — Unnamed non marine conglom. & red beds

UNCONFORMITY

- **Tr** — Reef Ridge Clay shale
- **Tcg** — Unnamed red conglom. and sandstone
- **Tb** — Basalt
- **Tm** — Monterey Shale (silic. and clay shale)
- **Tt** — Temblor Sandstone

UNCONFORMITY

- **Tk** / **Tks** — Kreyenhagen Shale (clay and sub-silic. shale, Tks, sandstone lenses)
- **Td** — Domengine or Avenal (& Yokut) Sandstone
- **Tl**, **Tlc** — Lodo Formation Tl, clay shale; Tlc, Cantua Ss. Mbr.

UNCONFORMITY ?

- **Km** — Moreno Shale
- **Kp**, **Kps**, **Kpc** — Panoche Formation Kp, clay shale; Kps, sandstone; Kpc, conglomerate
- **Kgf**, **Kgs** — Gravelly Flat Formation of Rose and Colburn, 1966 Kgf, dark shale; Kgs, dark sandstone
- **sp** — Serpentine
- **db** — Diabase
- **f**, **fs**, **fc**, **fg** — Franciscan Rocks f, mixed rocks, shale, graywacke, chert, greenstone, etc.; fs, graywacke, sandst.; fc, chert; fg, greenstone

Holocene; Pleist.; QUATERNARY; Pliocene; Miocene; TERTIARY; Eocene; Upper; Lower; CRETACEOUS; JURASSIC OR CRETACEOUS

Contact
Dashed where gradational or approximately located

Fault
Dashed where doubtful
Dotted where concealed
U, Upthrown side
D, Downthrown side
Arrows indicate horizontal movement

Anticline — Syncline
Axis of fold, showing direction of plunge

Horizontal
Inclined
Vertical
Overturned
Strike and dip of strata

Abandoned well drilled for oil or gas

Drafted by Gertrude J. Edmonston and Kathleen Moore 1971

Geology by T. W. Dibblee Jr., 1969-1970

HERNANDEZ VALLEY, CALIF.

THIS MAP IS PRELIMINARY AND HAS NOT BEEN EDITED OR REVIEWED FOR CONFORMITY WITH U.S. GEOLOGICAL SURVEY STANDARDS

GEOLOGIC MAP OF THE HERNANDEZ VALLEY QUADRANGLE, CALIFORNIA