STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF MINES
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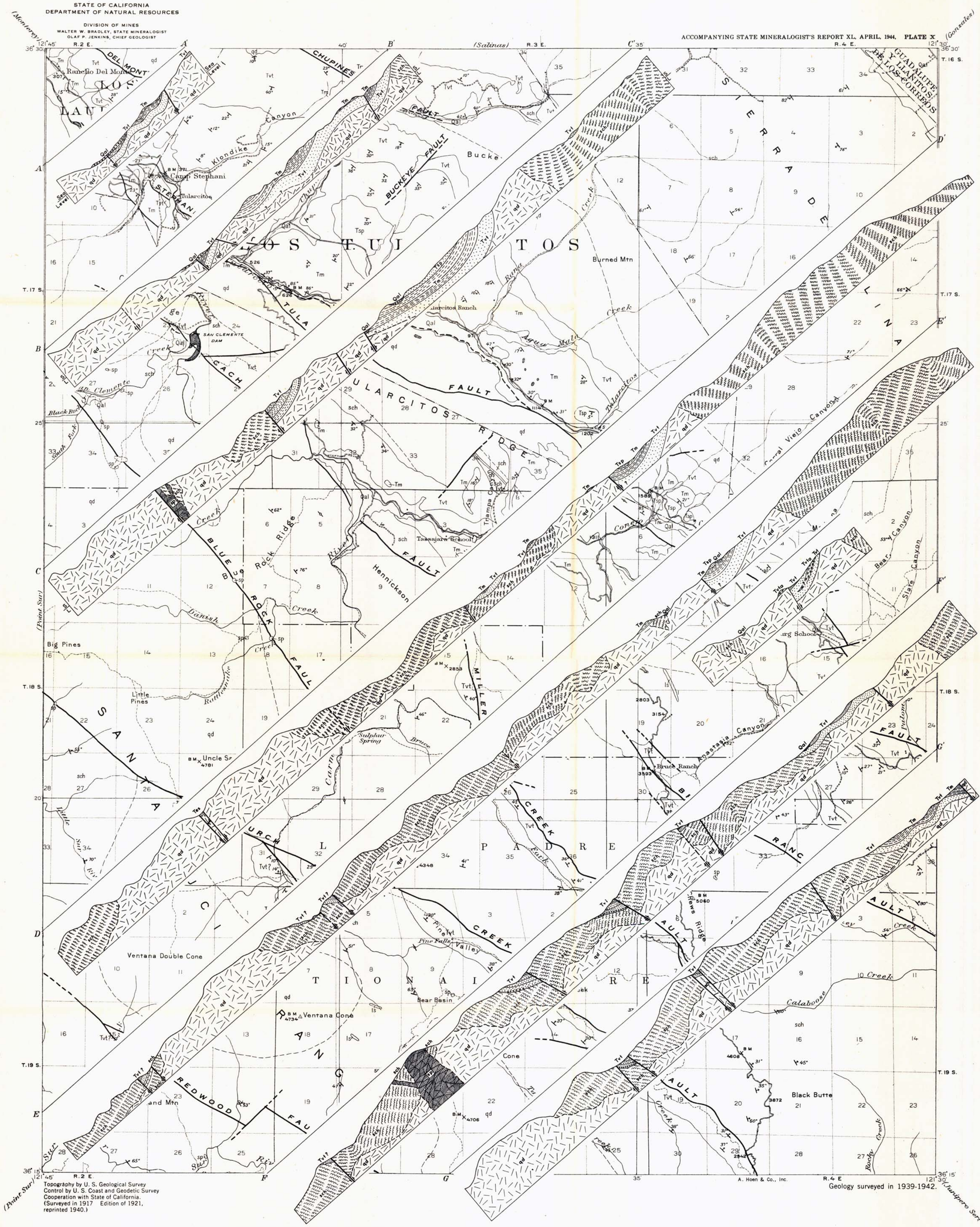

LEGEND

QUATERNARY

Qls — Landslide accumulation

Qal — Stream alluvium and terraces
(gravel and sand, including alluvial fans of Salinas Valley)

TERTIARY — Miocene

Tsp — San Pablo sandstone
(massive buff and white medium-grained arkosic sandstones with some shale near base)

Tm — Monterey formation
(chiefly siliceous and calcareous organic shales with some argillaceous shale and sandstone)

Tvt / Tvta / Tvt — Vaqueros-Temblor sandstone with andesite flows (Tvta)
(varied, but largely massive and thick-bedded medium-grained arkosic sandstones with minor siltstones and conglomerates)

Eocene

Tes — Middle Eocene sandstone
(buff and dark-bray medium-grained fossil-rich sandstone)

Upper Jurassic? — Franciscan?

sp — Serpentine
(serpentinized ultrabasic plugs and dikes)

AGE UNCERTAIN — pre-Franciscan

qd — Santa Lucia quartz diorite
(acid to basic granitic intrusives)

sch / ls — Sur series
(chiefly meta-sedimentary schists and gneisses, quartzose and aluminous, with some metabasic igneous and a few marble lenses, ls*)*

Fault

Fault inferred

Intrusive contact (approximate)

Depositional contact

Attitude of stratification or foliation

Vertical attitude

Topography by U. S. Geological Survey
Control by U. S. Coast and Geodetic Survey
Cooperation with State of California.
(Surveyed in 1917 Edition of 1921, reprinted 1940.)

A. Hoen & Co., Inc.

Geology surveyed in 1939-1942.

STRUCTURE SECTIONS ACROSS JAMESBURG QUADRANGLE MONTEREY COUNTY, CALIFORNIA

By William M. Fiedler

Scale 1/62500

1 ½ 0 1 2 3 4 Miles

1 ½ 0 1 2 3 4 5 Kilometers

Contour interval 50 feet.
Datum is mean sea level.

APPROXIMATE MEAN DECLINATION, 1917
TRUE NORTH
MAGNETIC NORTH
17½°