GEOLOGIC MAP AND SECTIONS OF THE NEW IDRIA MINE AREA SAN BENITO COUNTY, CALIFORNIA

GEOLOGY BY
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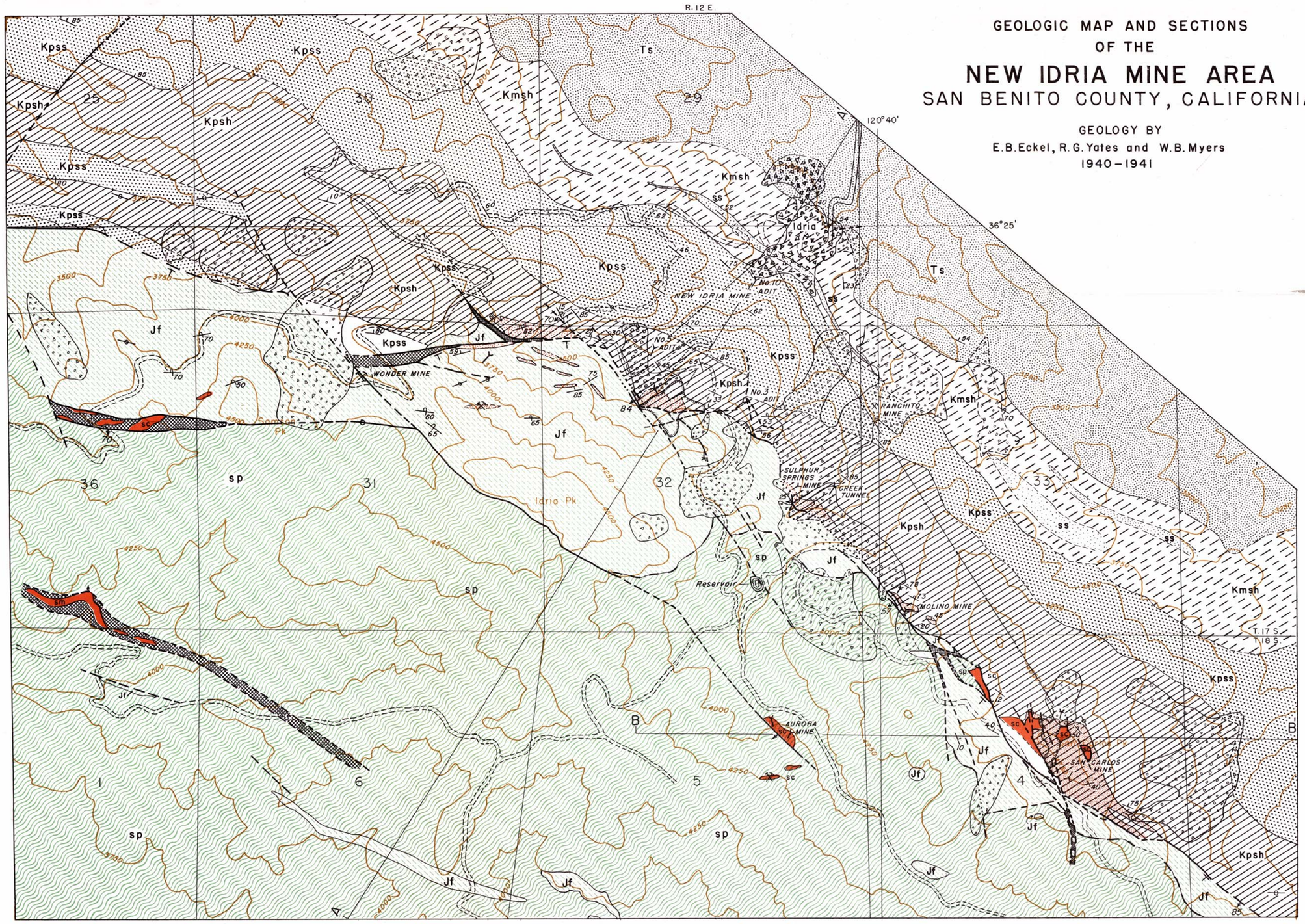
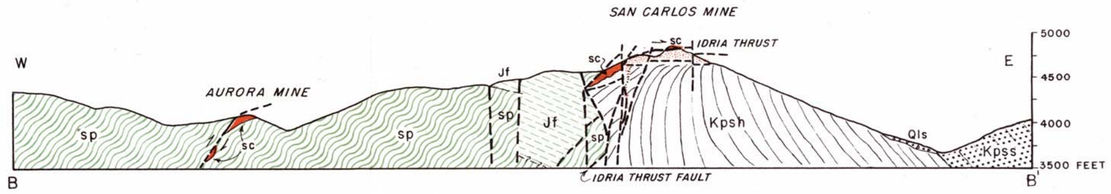
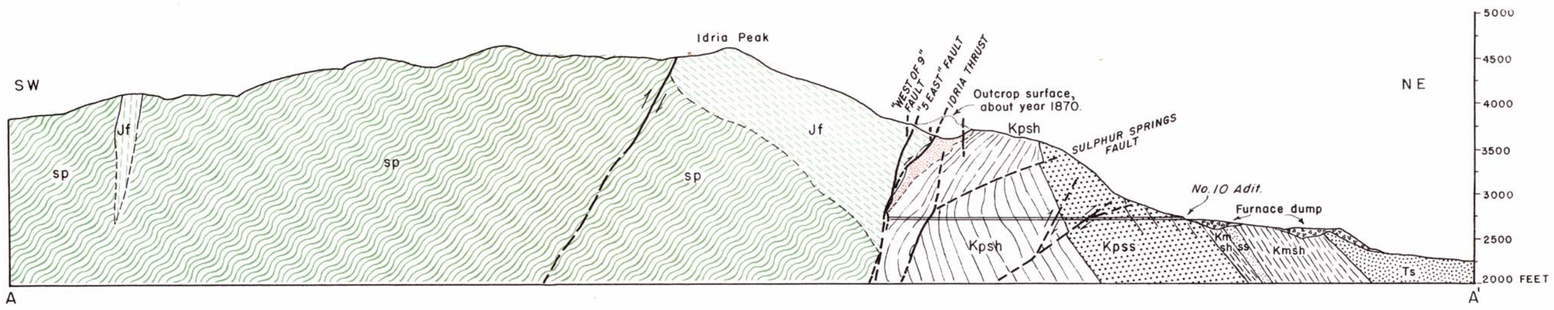
1940–1941







EXPLANATION

QUATERNARY

Mine dumps.

Furnace dumps.

Landslide.
Patterns show underlying bedrock.

TERTIARY — *Eocene to Pliocene*

Ts — Tertiary sediments.
Undifferentiated.

Upper Cretaceous

Kmsh, ss — Moreno formation.
Organic shale with several lenses of sandstone.

Kpsh, Kpss — Panoche formation.
Shale and sandstone.

Jurassic

sp — Serpentine.

Jf — Franciscan group.
Undivided.

ROCK ALTERATIONS

sc — Silica-carbonate rock.
Often contain minor cinnabar deposits.

sm — Silica-carbonate rock.
Chief carbonate is magnesite, with traces of cinnabar locally.

Indurated shale or sandstone bodies.
Contain principal cinnabar deposits of district, commonly with pyrite or marcasite.

CONTACTS

Known position.

Approximate or inferred location.

Probably faulted.

FAULTS

Known location. T = Upthrust side.

Approximate or inferred position.

Concealed.

Strongly sheared and brecciated fault zone.

Strike and dip of beds.

Overturned beds.

Vertical beds.

Mine adit.

Caved adit.

Shaft.

Mine or prospect.

Open mine-pit.

Aerial tramway.

N
17½°

SCALE
0 500 1000 2000 3000 4000 5000 FEET

Contour interval 250 feet.