Allen-cw-1949
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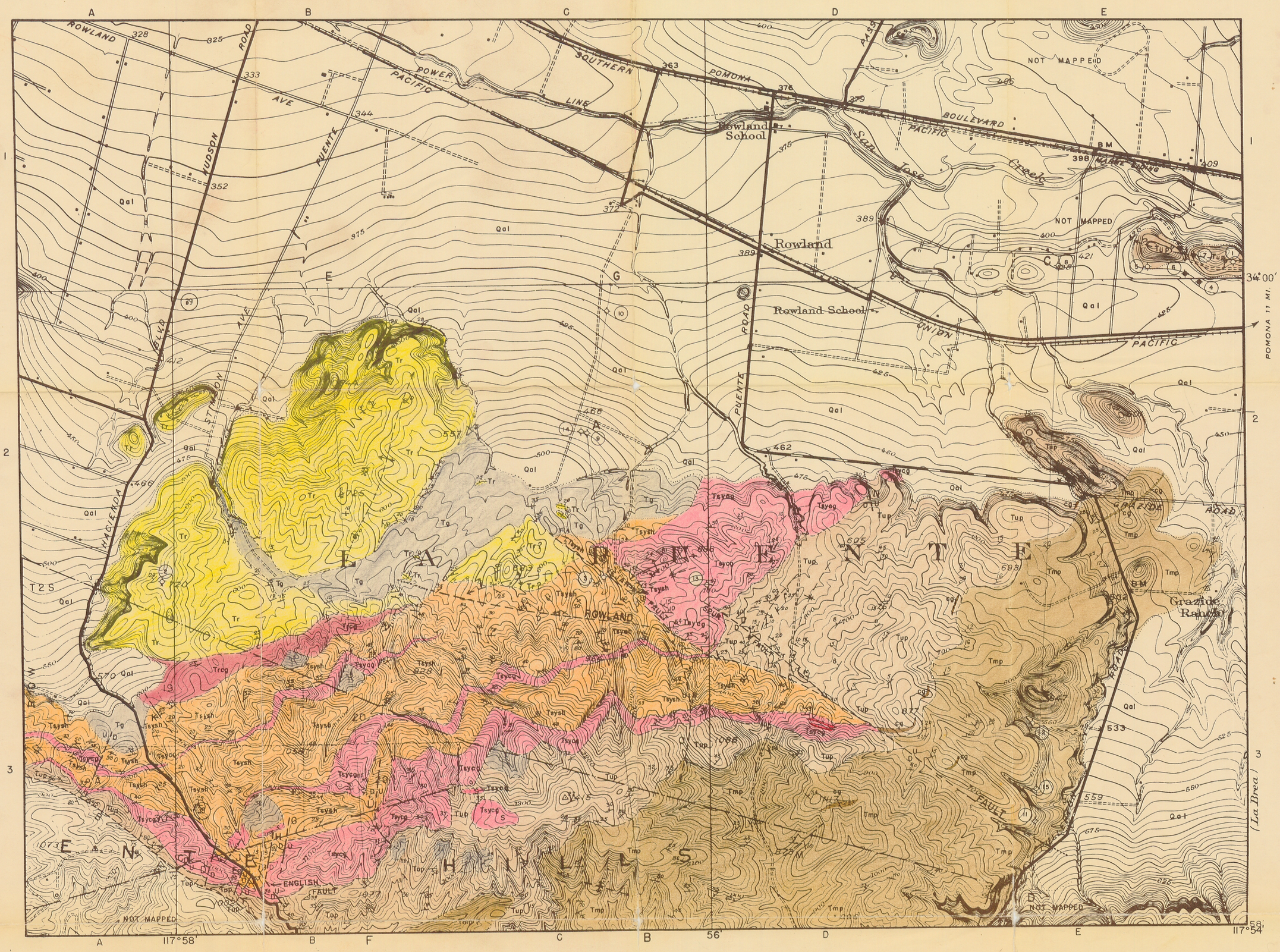
Allen
1949

Plate IV

GEOLOGIC MAP OF THE NORTHWESTERN PUENTE HILLS



GEOLOGY OF THE NORTHWESTERN PUENTE HILLS, LOS ANGELES COUNTY, CALIFORNIA

BY

C. W. ALLEN

Base from USGS Topographic Sheets, Puente and La Habra. Surveyed in 1925. Geology tranferred from aerial photographs 1 May 1949.

Contour interval 5 feet and 25 feet. Datum is mean sea level.

½ 0 ½ 1 Mile

1000 0 1000 2000 3000 4000 5000 Feet

1949

N

APPROXIMATE MEAN DECLINATION 1925

EXPLANATION

Quaternary — Recent

Qal — ALLUVIUM

Quaternary — Pleistocene

Tg — TERRACE GRAVELS

Tertiary — Pliocene

Tr, Trcg — REPETTO FORMATION (Siltstone and conglomerate)

Tertiary — Pliocene

Tsysh, Tsycg — SYCAMORE CANYON FORMATION (Conglomerate, siltstone, and sandstone lens in conglomerate)

Tertiary — Miocene (Upper) — PUENTE FORMATION

Tup, cg — UPPER SILTSTONE MEMBER (Micaeous siltstone, diatomite, and thin beds of sandstone)

Tertiary — Miocene (Upper) — PUENTE FORMATION

Tmp, cg — MIDDLE SANDSTONE MEMBER (Massive sandstone, conglomerate lenses, and siltstone)

Boundary between geologic units, solid line accurate, dashed line approximate or inferred, and dotted line concealed.

U D — Fault; U, upthrown side; D, downthrown side

31 — Strike and dip of beds (31 — from bore data)

33 — Strike and dip of overturned beds

Strike of vertical beds

Axis of anticline

Axis of syncline

Landslide

S — Slump by under sapping

15 — Producing oil well

1 — Abandoned, or idle, oil producer

6 — Abandoned non-producer

1415 — Triangulation station; Elevation in feet

For names of wells see text