

EXPLANATION

UNCONSOLIDATED DEPOSITS

Qa

Alluvium

Quaternary
Boulders, gravel, sand, silt, clay, and some lacustrine deposits. Includes the Dripping Springs Formation, the Pease Formation, and the Temecula Arkose, all of Mann (1955). Where saturated, yields water to wells.

QUATERNARY

CONSOLIDATED ROCKS

pTb

Basement complex

Pre-Tertiary Tertiary, and Quaternary
Igneous, metamorphic, and volcanic rocks. Includes the sedimentary Martinez(?) Formation of Mann (1955), of Paleocene(?) age. Yields small quantities of water from joints, fractures, and weathered zones.

PRE-TERTIARY, TERTIARY, AND QUATERNARY

MAP SYMBOLS

Approximate geologic contact

Fault

Dashed where inferred;
dotted where contended;
queried where doubtful

Surface-water divide

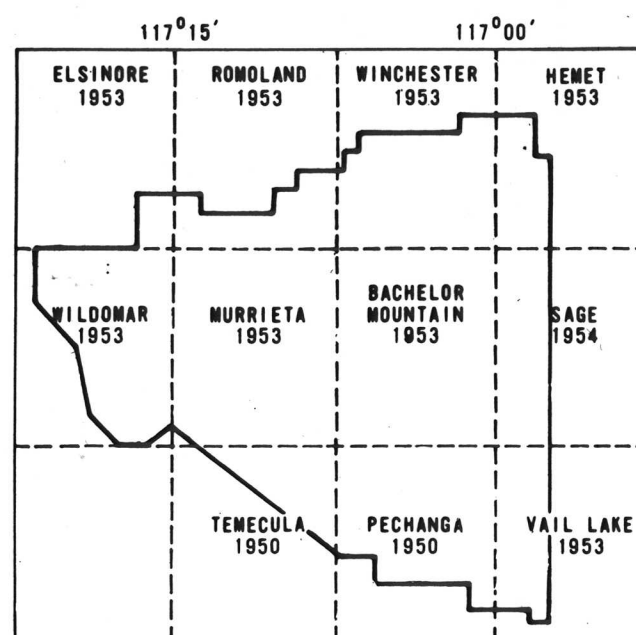
Well equipped with a 5-hp motor or larger

Well equipped with a motor smaller than 5-hp

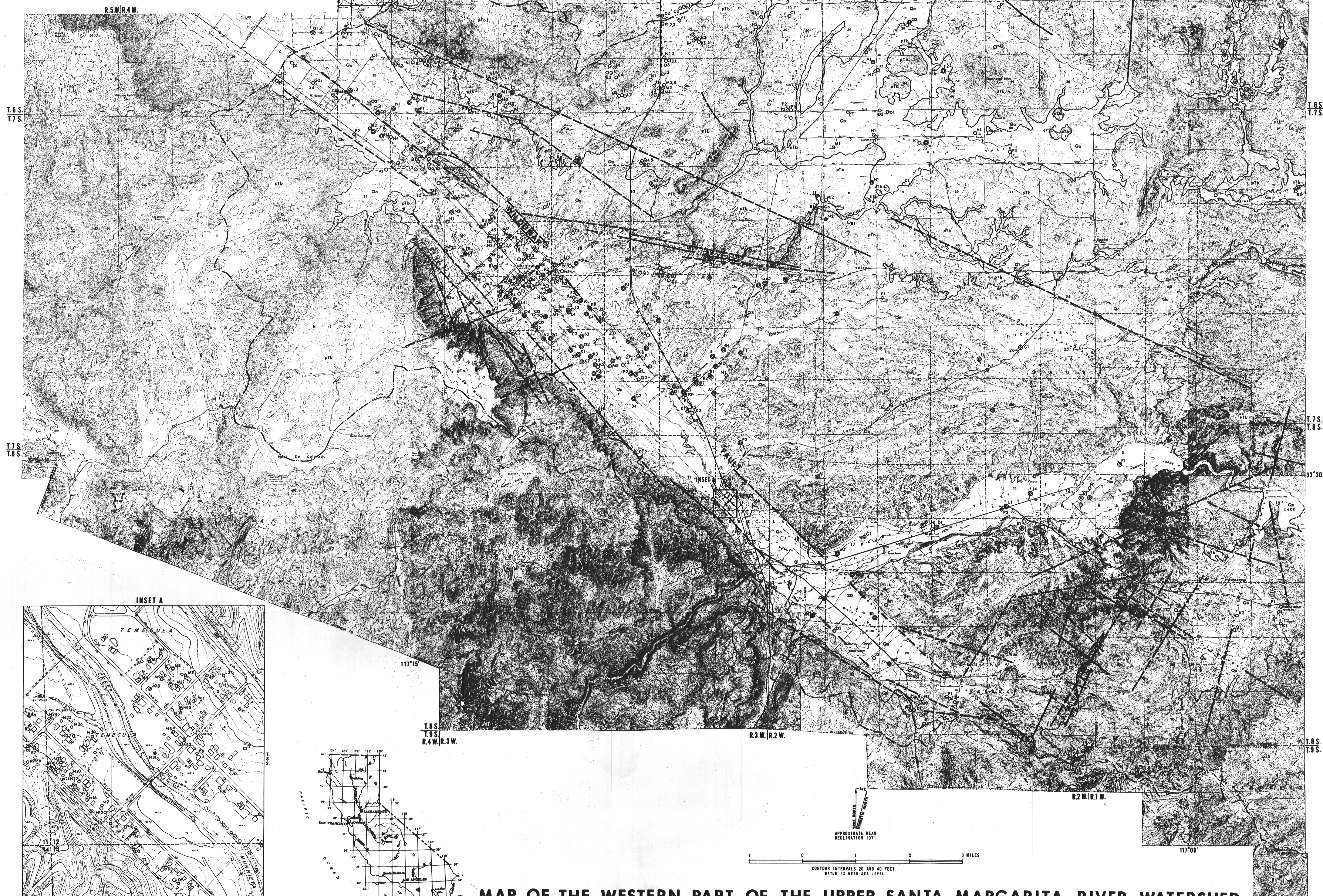
WELL-NUMBERING SYSTEM

Letter after well indicates position in section thus:

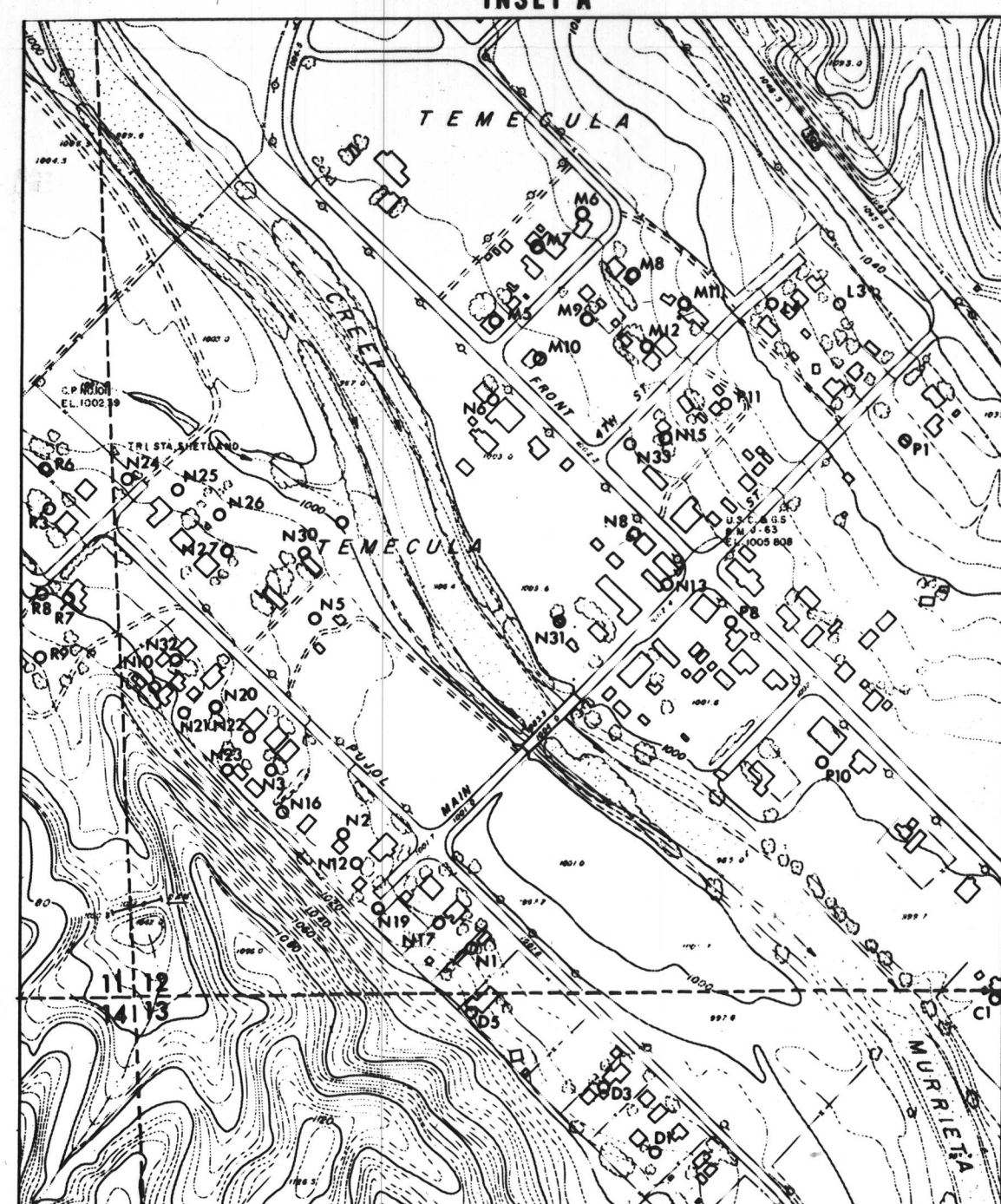
D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R



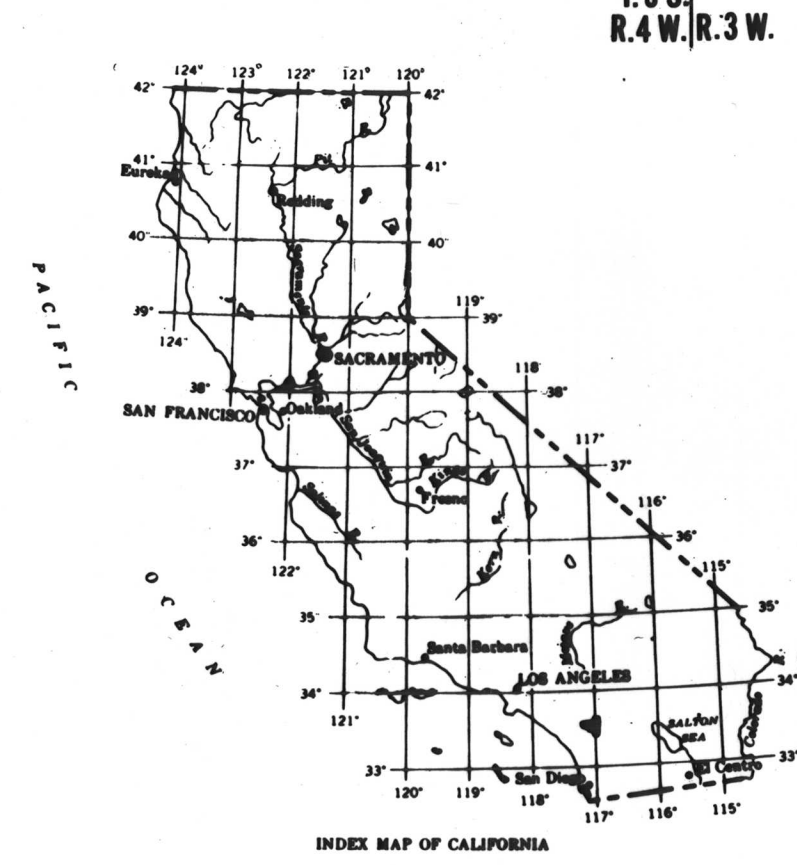
INDEX TO TOPOGRAPHIC QUADRANGLES



INSET A



Base from Riverside County Flood Control and Water Conservation District, 1962



INSET MAP OF CALIFORNIA

0 1 2 3 MILES
CONTOUR INTERVALS 20 AND 40 FEET
DATUM TO MEAN SEA LEVEL

MAP OF THE WESTERN PART OF THE UPPER SANTA MARGARITA RIVER WATERSHED RIVERSIDE AND SAN DIEGO COUNTIES, CALIFORNIA SHOWING GENERALIZED GEOLOGY AND LOCATION OF ACTIVE WELLS

1971