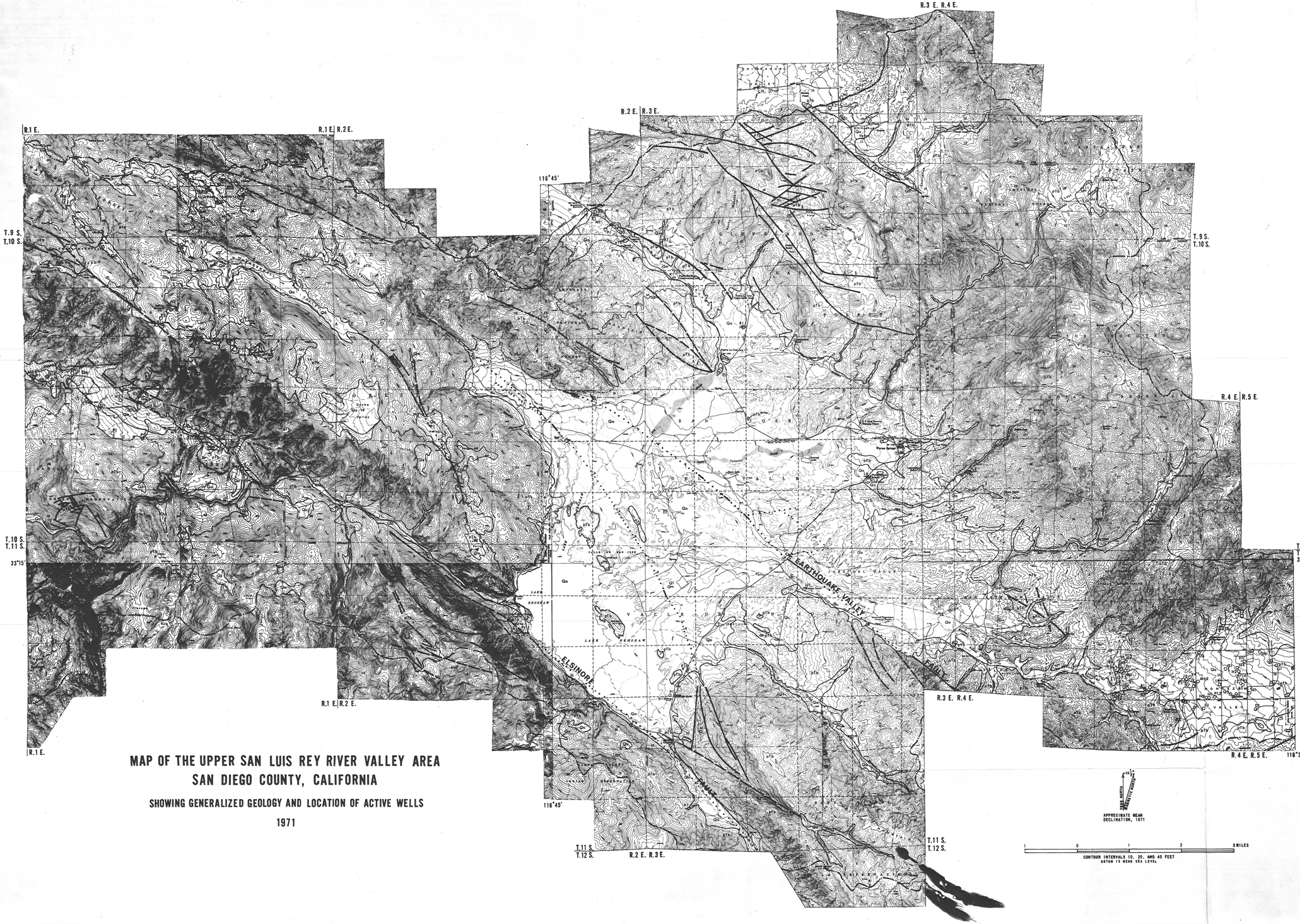
PREPARED IN COOPERATION WITH THE JOINT ADMINISTRATION COMMITTEE OF THE
SANTA MARGARITA AND SAN LUIS REY WATERSHED PLANNING AGENCIES

72.180.



MAP OF THE UPPER SAN LUIS REY RIVER VALLEY AREA
SAN DIEGO COUNTY, CALIFORNIA

SHOWING GENERALIZED GEOLOGY AND LOCATION OF ACTIVE WELLS

1971

EXPLANATION

UNCONSOLIDATED DEPOSITS

Pleistocene and Holocene — QUATERNARY

Qa

Alluvium

Boulders, gravel, sand, silt, and clay, where saturated yields water to wells

CONSOLIDATED ROCKS

PRE-TERTIARY

pTb

Basement complex

Igneous and metamorphic rocks. Yields small quantities of water from joints, fractures, and weathered zones

MAP SYMBOLS

Geologic contact

Dashed where approximate

Surface-water divide

Fault

Dashed where approximately located, dotted where concealed, questioned where doubtful

M1

Well equipped with a 5-hp motor or larger

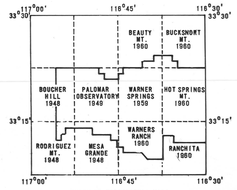
A1

Well equipped with a motor smaller than 5-hp

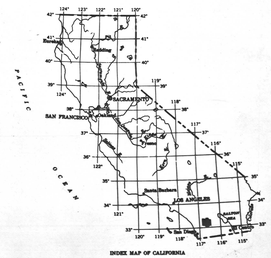
WELL-NUMBERING SYSTEM

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 MAPS



INDEX MAP OF CALIFORNIA

Base from U.S. Geological Survey 7½ minute topographic quadrangle maps. Scale 1:48,000

Geology compiled and modified by F.W. Giessner after W.B. Hoyle, Jr., from published and unpublished mapping by J.T. Scheligo, Jr., Richard Merriam, J.B. Hanley, W.P. Irwin, M.W. Ellis, and W.B. Hoyle, Jr. Location of wells by J.H. Koehler