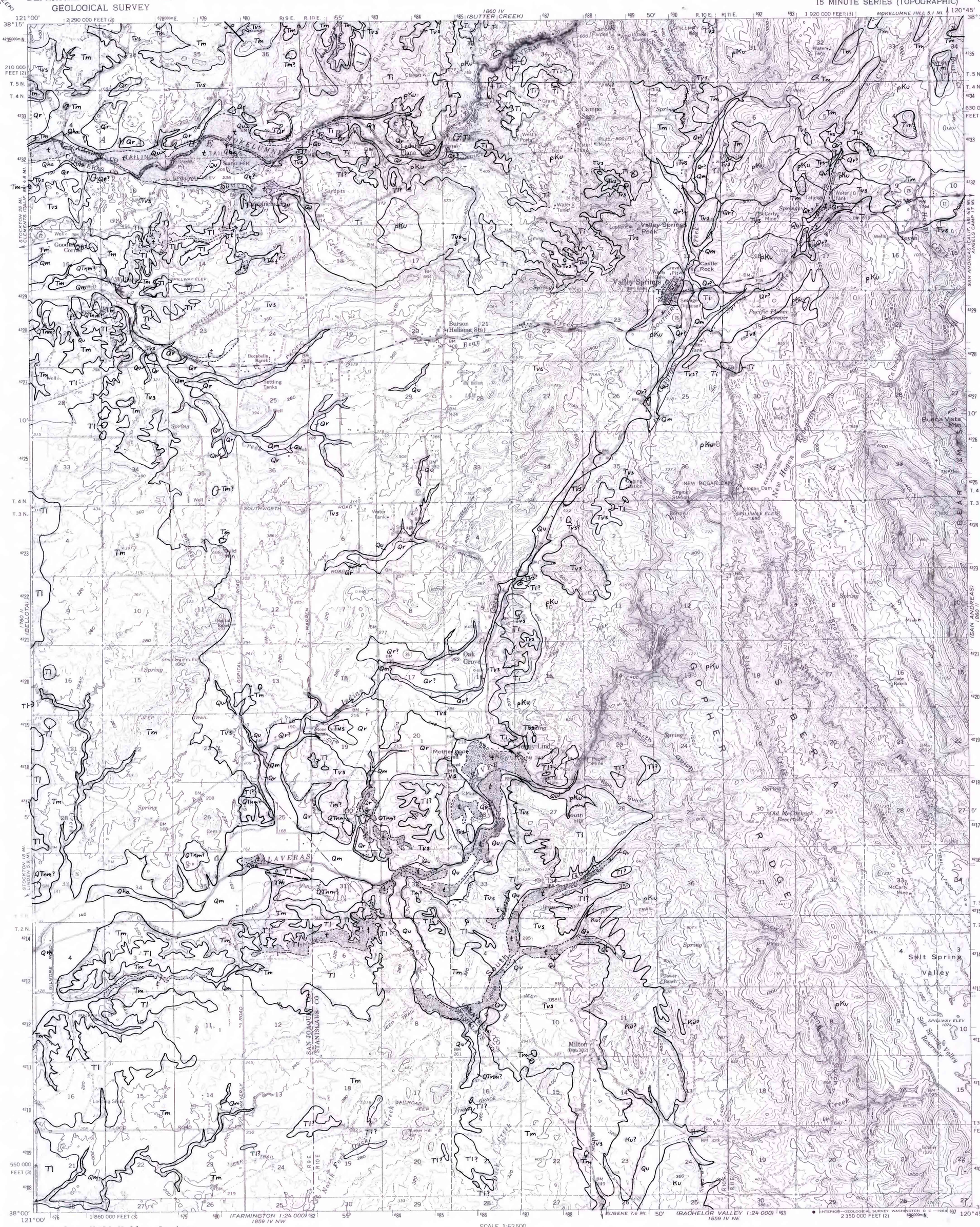
OPEN FILE REPORT

79-436

SHEET 2 OF 2

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VALLEY SPRINGS QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)



Base from USGS Valley Springs 15' quadrangle, 1962.

SCALE 1:62500

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

UTM GRID AND 1962 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

EXPLANATION

Symbol	Unit	Epoch	Period
Qha	Alluvial deposits	Holocene	Quaternary
Qu	Undiff. surficial deposits	Holocene	Quaternary
Qm	Modesto Formation	Pleistocene	Quaternary
Qr	Riverbank Formation	Pleistocene	Quaternary
Ql	Turlock Lake Formation	Pleistocene	Quaternary
QTnm	North Merced Gravel	Pliocene	Tertiary
Tl	Laguna Formation	Pliocene	Tertiary
Tm	Mehrten Formation	Miocene	Tertiary
Tvs	Valley Springs Formation	Miocene	Tertiary
Ti	Ione Formation	Eocene	Tertiary
Ku	Unnamed sedimentary rocks	Upper Cretaceous	Cretaceous
pKu	Undiff. metamorphic and ultramafic rocks		Pre-Cretaceous

t — Tailings or artificial fill

Landslide

Contact

Fault
Dashed where inferred; U, upthrown side; D, downthrown side

REFERENCES

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PRELIMINARY GEOLOGIC MAP OF CENOZOIC DEPOSITS OF THE VALLEY SPRINGS QUADRANGLE, CALIFORNIA

by

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1979

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.