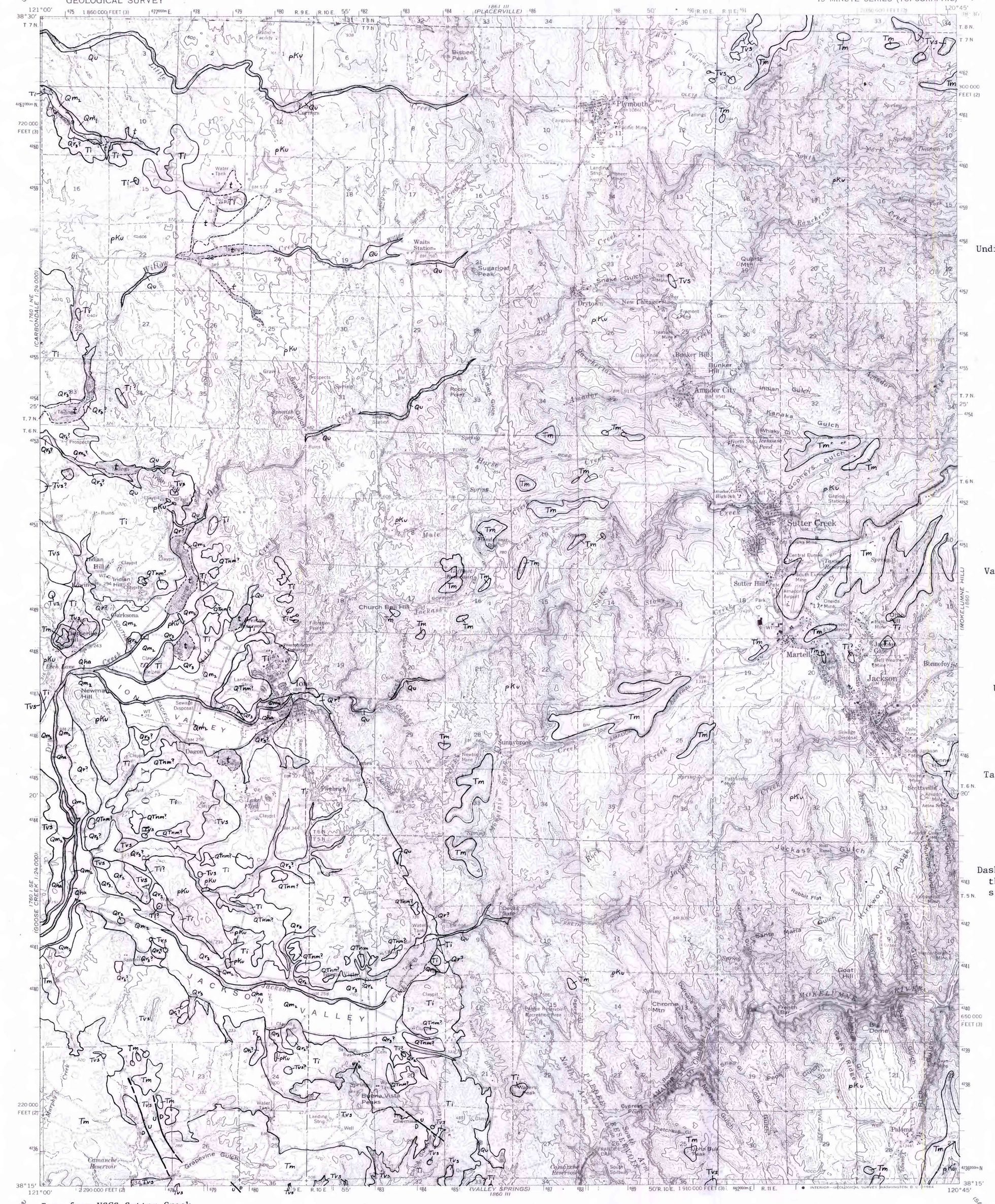
OPEN FILE REPORT

79-436

SHEET 1 OF 2

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUTTER CREEK QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)



EXPLANATION

Qha — Alluvial deposits (Holocene)

Qu — Undiff. surficial deposits (Holocene)

Qm_2, Qm_1 — Modesto Formation
Qm_2, upper member
Qm_1, lower member (Pleistocene)

Qr_3, Qr_2, Qr — Riverbank Formation
Qr_3, upper unit
Qr_2, middle unit (Pleistocene)

QTnm — North Merced Gravel (Pliocene)

Tm — Mehrten Formation (Miocene)

Tvs — Valley Springs Formation (Miocene)

Ti — Ione Formation (Eocene Oligocene)

pKu — Undiff. metamorphic, Ultramafic and plutonic igneous rocks (PRE-CRETACEOUS)

t — Tailings or artificial fill

Contact

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

Base from USGS Sutter Creek 15' quadrangle, 1962

UTM GRID AND 1962 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

QUADRANGLE LOCATION

REFERENCES

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PRELIMINARY GEOLOGIC MAP OF CENOZOIC DEPOSITS OF THE SUTTER CREEK QUADRANGLE, CALIFORNIA

by

J.A. Bartow and D.E. Marchand

1979

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