U.S. GEOLOGICAL SURVEY
OPEN FILE MAP

SW Corner
(SW of fault near Elkhorn Plain)

QUATERNARY — Pleistocene

Qoa
Older alluvium

QTp
Paso Robles Formation
(valley gravel and sand)

UNCONFORMITY

TERTIARY — Miocene

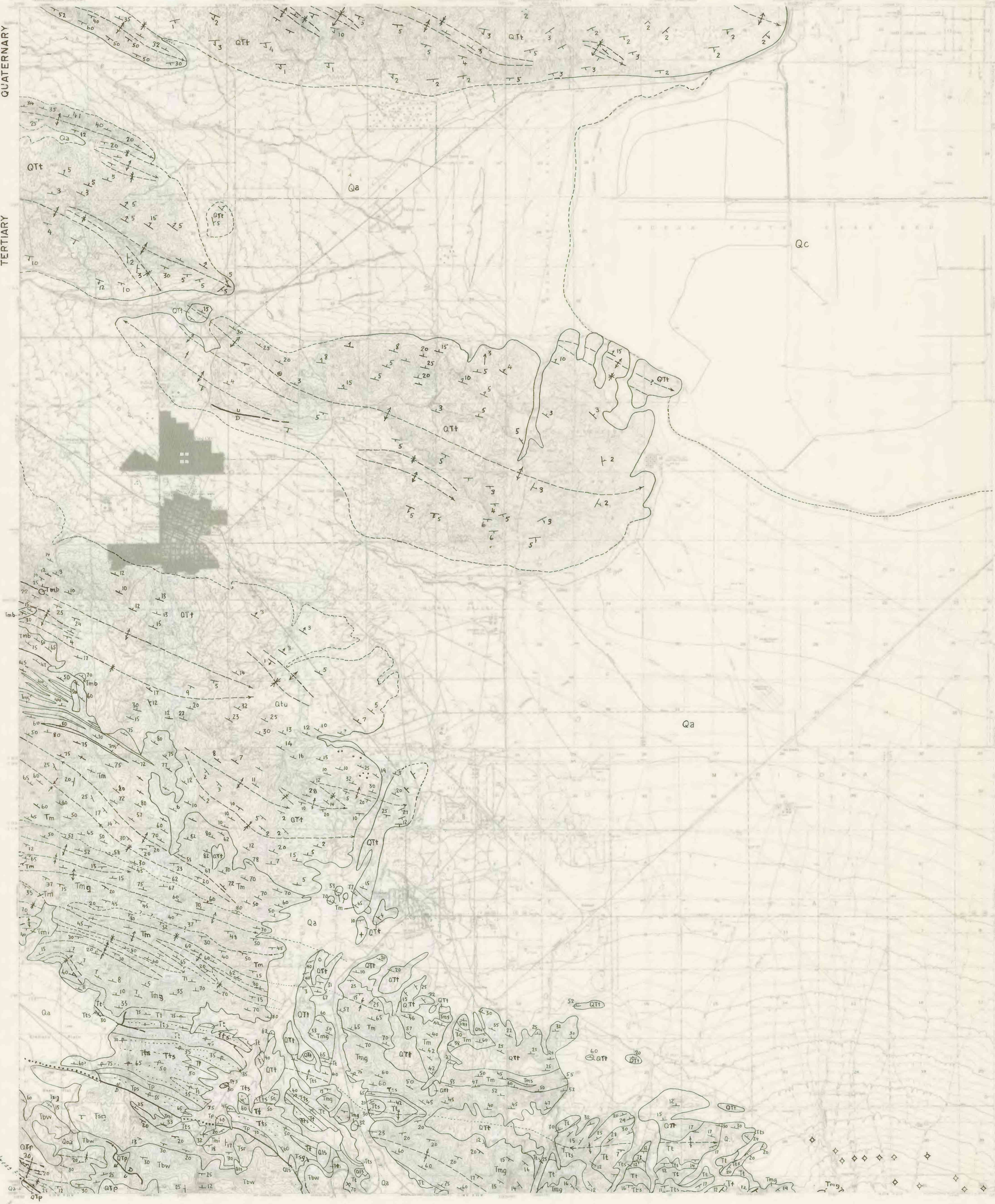
Tbw
Bitterwater Creek Shale
(marine silic. siltstone, Upper Miocene)

Tsg
Santa Margarita Formation
(marine granitic conglom. and breccia, Upper Miocene)

UNCONFORMITY

Tmi
Monterey Shale
(marine interbedded silic. shale and sandst. Middle Mio.)

Tts
Temblor Formation
(marine sandstone)



Qa | Qc
Surficial sediments
Qa, alluvium, sand and gravel
Qc, clay of Buena Vista Lake bed

Qls
Landslide debris

UNCONFORMITY

QTt
Tulare Formation
(valley gravel, sand and clay)

? Holocene — Pleistocene — QUATERNARY

UNCONFORMITY

Tmb / Tms / Tm / Tmg
Monterey Shale
(marine)
Tmb, Belridge Diatomite Member (Upper Miocene)
Tm, McLure Shale Member silic. shale, Upper Miocene includes Tms sandst. lenses
Tmg, Gould Shale Member, silic. and semi-silic. shale, Middle Miocene

Miocene — TERTIARY

Tt | Tts
Temblor Formation
(marine, Lower Miocene)
Tt, clay shale
Tts, sandstone

Tp | Tps
Pleito? Formation
(marine, Lower Miocene and Oligocene)
Tp, clay shale
Tps, sandstone

Oligocene ?

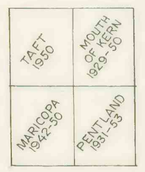
Contact
Dashed where gradational or approximately located

U / D
Fault
Dashed where doubtful
Dotted where concealed
U, Upthrown side
D, Downthrown side
Arrows indicate horizontal movement

Anticline — Syncline
Axis of fold, showing direction of plunge

Horizontal
30 Inclined
Vertical
70 Overturned
Strike and dip of strata

Abandoned well drilled for oil or gas



INDEX TO 7½ MINUTE QUADRANGLE BASE MAPS, SCALE 1:24000

Geology drafted by G. Edmonston
1971

Geology mapped by T. W. Dibblee Jr., 1966, 1967

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.

GEOLOGIC MAP OF THE "TAFT" QUADRANGLE, CALIFORNIA

SCALE 1:62,500

1 0 1 2 3 4 MILES
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET
1 0 1 2 3 4 5 KILOMETERS