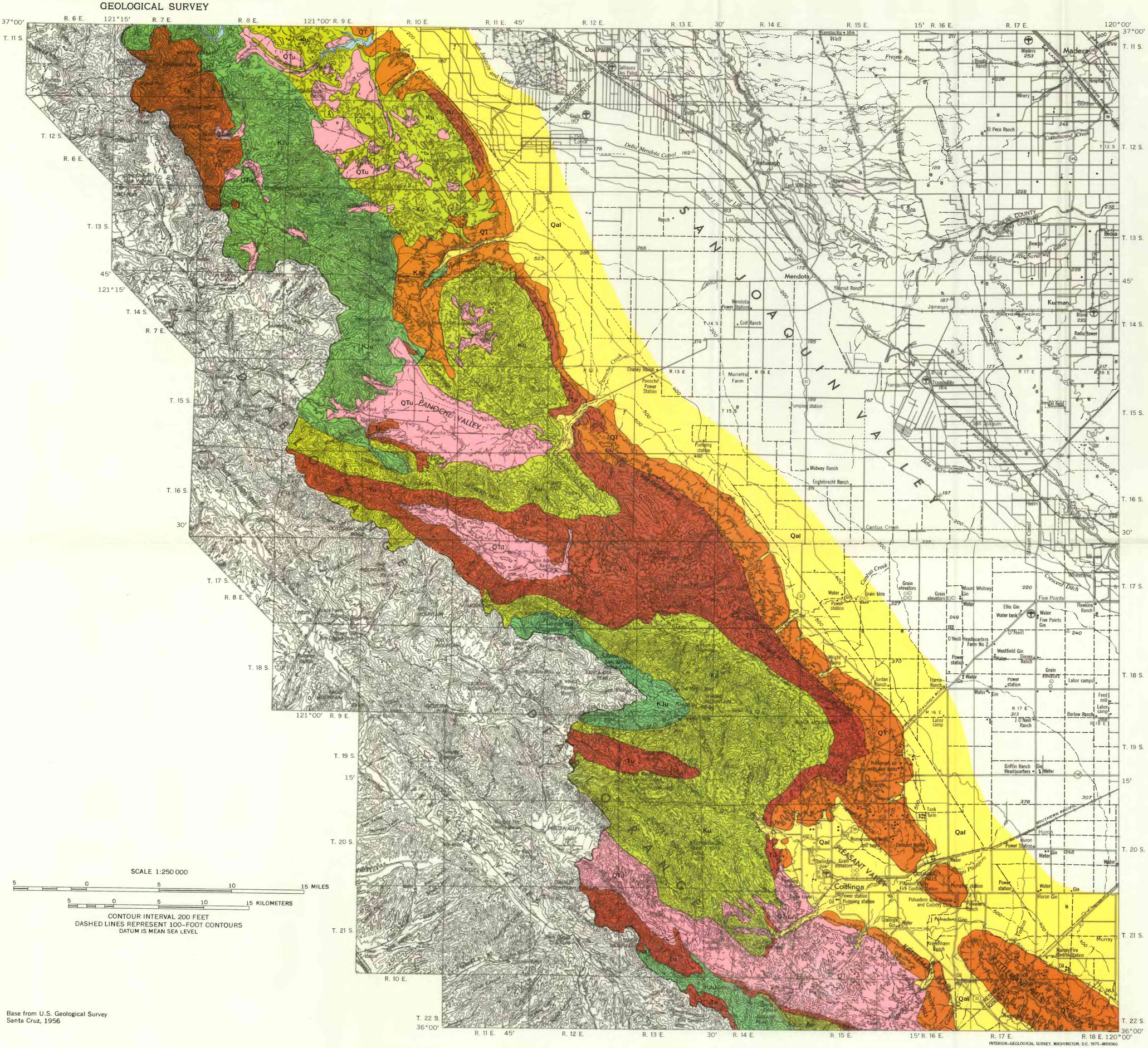
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 497-E
PLATE 2



EXPLANATION

QUATERNARY

Pleistocene and Holocene

Qal — Alluvium

TERTIARY AND QUATERNARY

Pliocene to Holocene

QTu — Undifferentiated continental sedimentary deposits
Silt, sand, gravel, and clay

Pliocene and Pleistocene

QT — Continental and marine sedimentary deposits mapped in this investigation
Silt, sand, gravel, and clay

TERTIARY

Paleocene to Miocene

Tu — Marine sedimentary and volcanic rocks
Sandstone, shale, siltstone, and conglomerate

CRETACEOUS

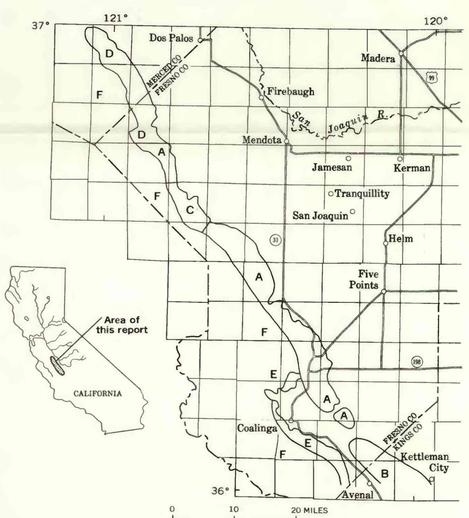
Ku — Marine sedimentary rocks
Mudstone, sandstone, shale, and conglomerate

JURASSIC AND CRETACEOUS

KJu — Marine sedimentary and volcanic rocks with intruded ultrabasic rocks
Graywacke, slaty shale, siltstone, mafic volcanic rocks, serpentine, minor chert, glaucophane schist, and gabbro

Contact

Drainage divide



INDEX TO GEOLOGIC MAPPING

A. Mapping in 1957 for this report. J. H. Green and W. A. Cochran
B. Woodring, Stewart, and Richards (1940, pl. 3)
C. Schoellhamer and Kinney (1953)
D. Briggs (1953, pl. 1)
E. Arnold and Anderson (1910, pl. 1)
F. California Division of Mines (1958) General reference, Anderson and Pack (1915, pl. 1)

APPROXIMATE MEAN DECLINATION, 1970

SCALE 1:250 000

5 0 5 10 15 MILES

5 0 5 10 15 KILOMETERS

CONTOUR INTERVAL 200 FEET
DASHED LINES REPRESENT 100-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

Base from U.S. Geological Survey
Santa Cruz, 1956

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C. 1971—W69360

GENERALIZED GEOLOGIC MAP OF THE DIABLO RANGE TRIBUTARY TO THE LOS BANOS–KETTLEMAN CITY AREA, CALIFORNIA