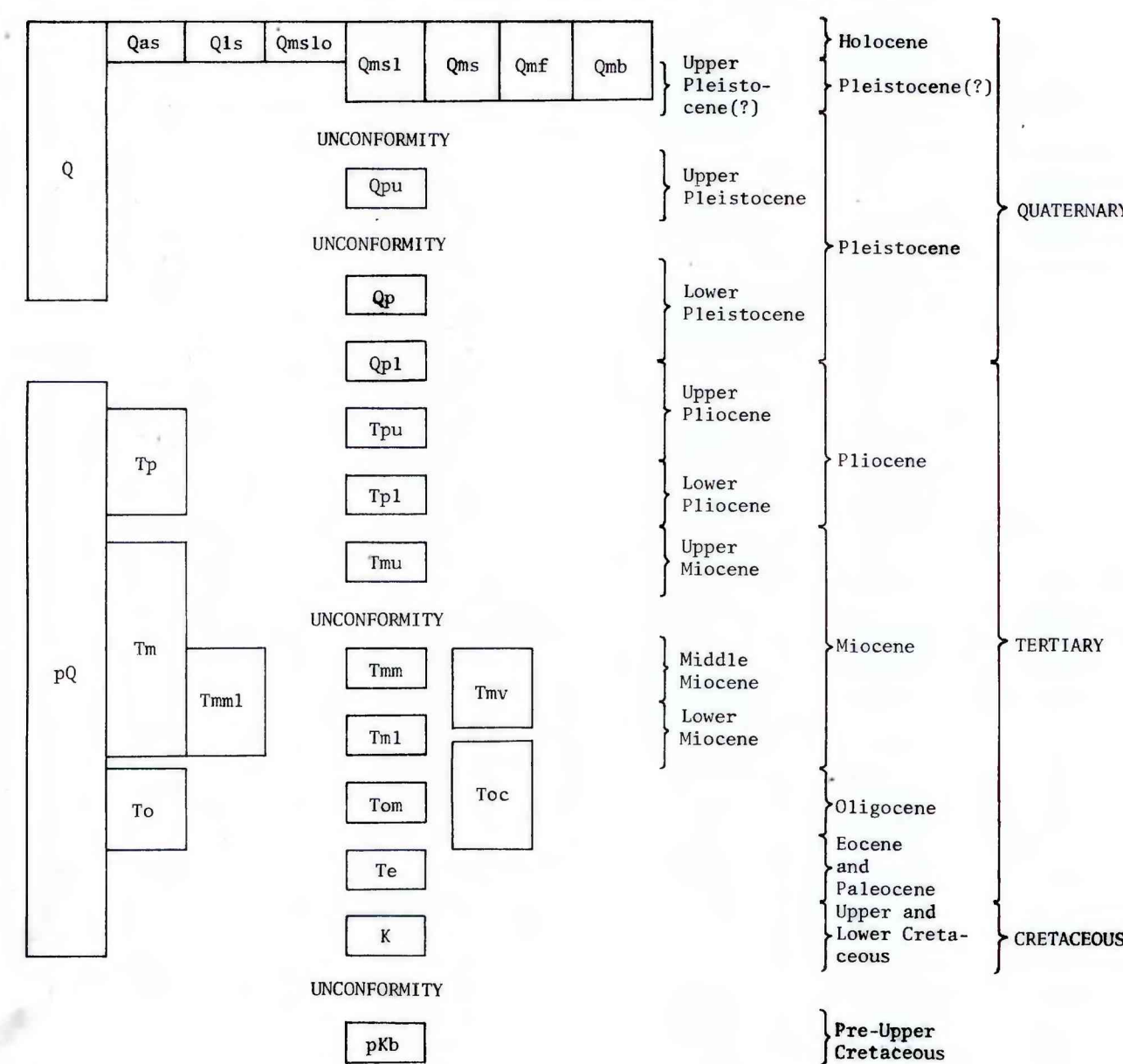


CORRELATION OF MAP UNITS



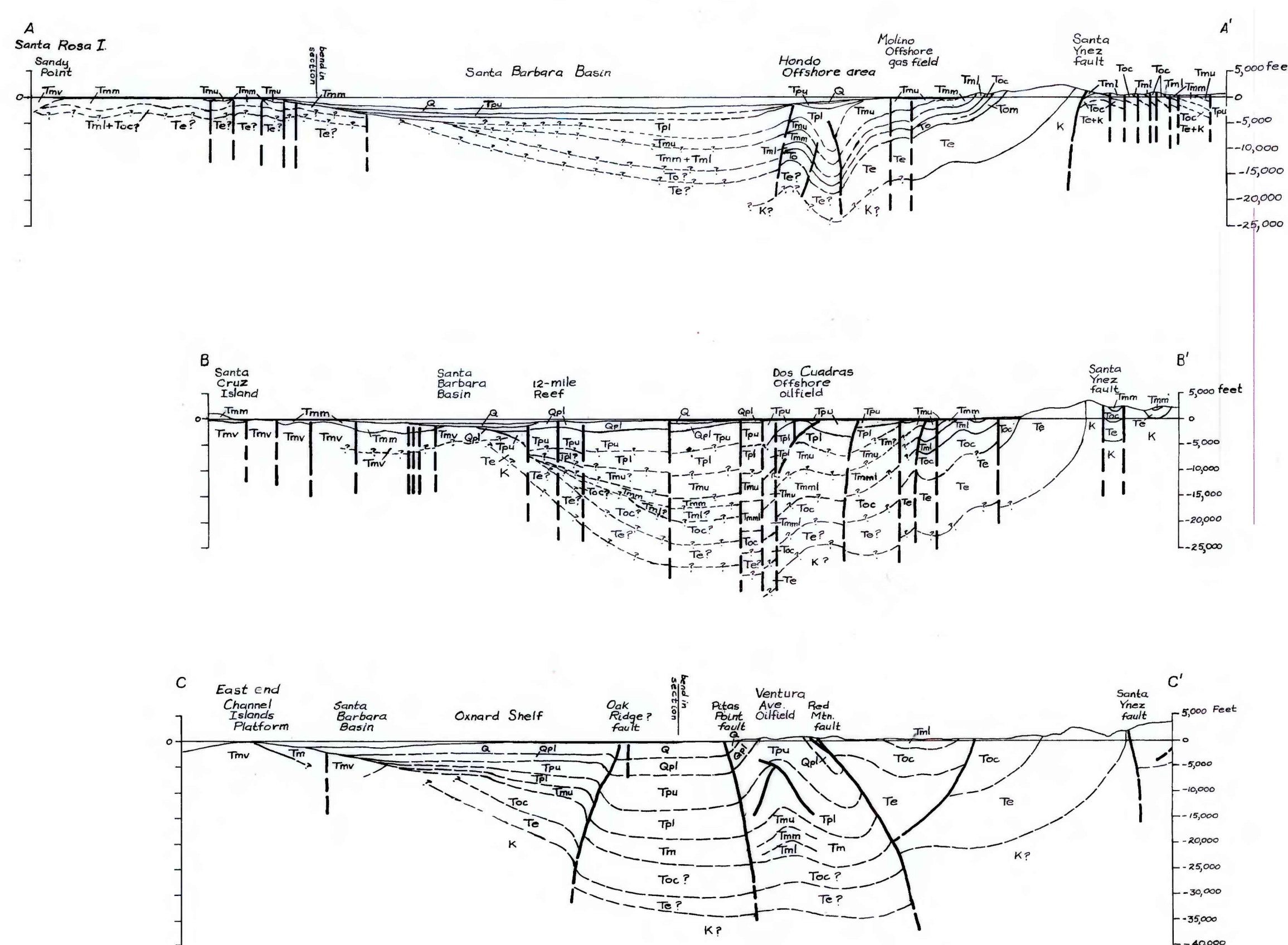
SYMBOLS

- Contact
Dotted where concealed; short dashed in offshore areas
- Fault
Dashed where inferred; queried where doubtful; dotted where concealed. Arrows show lateral movement. Bar and ball on downthrown side
- Anticline
Dashed where inferred; dotted where concealed
- Anticlinal bend
Dashed where inferred; dotted where concealed
- Syncline
Dashed where inferred; dotted where concealed

LIST OF MAP UNITS

- Q QUATERNARY DEPOSITS, UNDIVIDED (shown only on sections)
- Qas ALLUVIAL, BEACH, AND DUNE DEPOSITS
- Qls SUBMARINE LANDSLIDE(?) DEPOSITS
- Qms OVERSTEEPED SLOPE SEDIMENTS
- Qml MARINE SLOPE SEDIMENTS
- Qms MARINE SHELF SEDIMENTS
- Qmf MARINE FAN DEPOSITS
- Qmb MARINE BASIN SEDIMENTS
- Qpu UPPER PLEISTOCENE DEPOSITS (chiefly marine and nonmarine terrace deposits)
- Qp LOWER PLEISTOCENE STRATA
- Qpl LOWER PLEISTOCENE AND UPPER PLIOCENE STRATA
- pQ PRE-QUATERNARY STRATA, UNDIVIDED
- Tp PLIOCENE STRATA, UNDIVIDED
- Tpu UPPER PLIOCENE MARINE STRATA
- Tpl LOWER PLIOCENE MARINE STRATA
- Tm MIOCENE MARINE STRATA, UNDIVIDED (shown only on sections)
- Tmu UPPER MIOCENE MARINE STRATA
- Tml MIDDLE AND LOWER MIOCENE MARINE STRATA, UNDIVIDED (shown only on sections)
- Tmn MIDDLE MIOCENE MARINE STRATA
- Tmv MIOCENE VOLCANIC ROCKS
- Tml LOWER MIOCENE MARINE STRATA
- To OLIGOCENE STRATA, UNDIVIDED (shown only on sections)
- Tom OLIGOCENE MARINE STRATA
- Toc OLIGOCENE NONMARINE STRATA (may include lower Miocene and Eocene strata in some areas)
- Te EOCENE AND PALEOCENE MARINE STRATA
- K CRETACEOUS MARINE STRATA
- pKb PRE-UPPER CRETACEOUS BASINMENT ROCKS

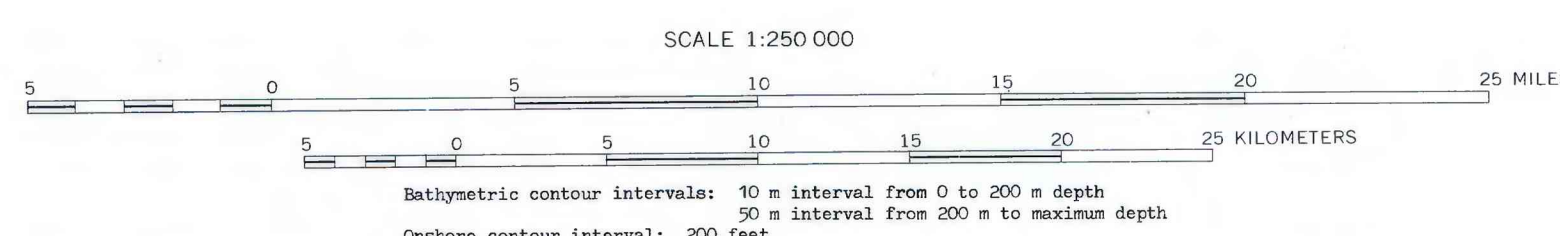
DIAGRAMMATIC STRUCTURE SECTIONS



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

Topography from U.S. Geological Survey, 1:250,000
Los Angeles, 1966; Santa Maria, 1969.
Bathymetry from U.S. Coast and Geodetic Survey
Maps 12068-75, 13068-19, 13069-20



GEOLOGIC MAP AND SECTIONS, SANTA BARBARA CHANNEL REGION, CALIFORNIA

by
R. H. Campbell, S. C. Wolf, R. E. Hunter, R. G. Wagner, A. Junger, and J. G. Vedder
1979

Onshore geology chiefly after Jennings (1959) and Jennings and Strand (1969), modified in places. Offshore part of section C-C' after Nagle and Parker (1971). Offshore geology compiled from interpretations of U. S. Geological Survey reconnaissance aeromagnetic survey, chiefly by S. C. Wolf, supplemented locally by those of A. Junger and R. G. Wagner; in places modified by data from McCallum (1969), Weaver and others (1969), U. S. Geological Survey (1974), and unpublished data from R. G. Greene, S. C. Wolf, and J. G. Blom.