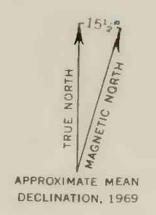




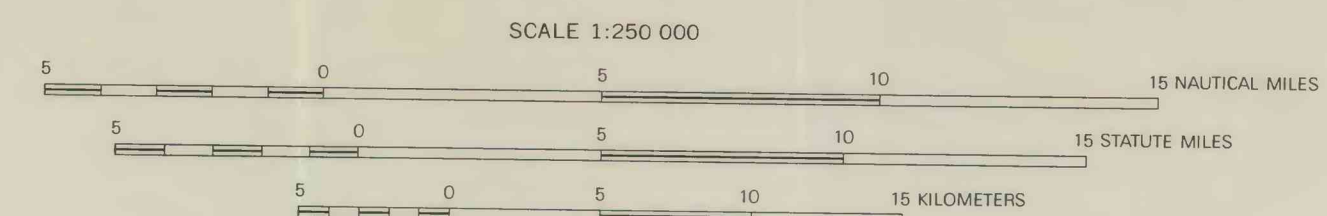
EXPLANATION

- Qal  
Holocene deposits
- Qpu  
 Qpl  
Upper and lower Pleistocene marine and nonmarine deposits
- Tpu  
 Tpl  
Upper and lower Pliocene marine rocks
- Tmu  
 Tmm  
 Tml  
Upper, middle, and lower Miocene marine rocks
- Tmv  
Miocene volcanic rocks
- Tom  
 Toc  
Oligocene marine and nonmarine rocks
- Te  
Paleocene and Eocene marine rocks
- K  
Cretaceous marine rocks
- pKb  
Pre-Cretaceous (?) basement rocks
- Contact
- Fault
- Dashed offshore and where inferred onshore; dotted where concealed onshore; queried where doubtful. Arrows show lateral movement. Bar and ball on downthrown side
- Axis of anticline
- Solid onshore; dashed offshore

Shoreline from U.S. Geological Survey Maps  
NI 10-6.9 (Santa Maria) and NI 11-4 (Los Angeles)  
Bathymetry from U.S. Coast and Geodetic  
Survey Maps 1206N-15, 1306N-19, 1306N-20



GENERALIZED GEOLOGIC MAP OF THE SANTA BARBARA CHANNEL REGION



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1969—G-70137  
Onshore geology from Santa Maria Sheet (Jennings, 1959) and Los Angeles Sheet (Jennings, in press) of the Geologic Map of California; modified in places. Offshore geology from unpublished reconnaissance acoustical surveys by the U.S. Geological Survey and other sources