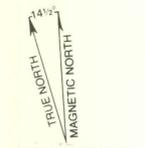
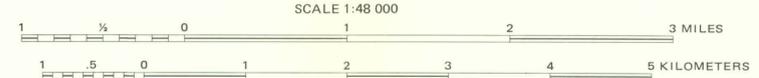


118°45' 34°22'30" 118°37'30" 118°30'



APPROXIMATE MEAN DECLINATION, 1967

EXPLANATION

- Qal** ALLUVIUM—Shown only in areas of widespread exposure. Landslides not shown
- Qft** ALLUVIAL FAN AND STREAM TERRACE DEPOSITS
- Qts** SAUGUS FORMATION
- Qtp** PICO FORMATION ("Fernando Formation" as used by Yeats, 1979)
- Tt** TOWSLEY FORMATION—Exposed only north of Santa Susana fault

- Holocene
- Holocene and Pleistocene
- Pleistocene and Pliocene
- Pleistocene(?) and Pliocene
- Pliocene and Miocene

- Tm** MODELO FORMATION
- Ttp** TOPANGA FORMATION—Basalt flow (black) mapped separately. Recognized only north of Santa Susana fault
- Tv** VAQUEROS FORMATION
- Ts** SESPE FORMATION
- Tl** LLAJAS FORMATION

- Miocene
- Miocene to Eocene
- Eocene

- CONTACT**—Dashed where gradational or approximately located; dotted where concealed; queried where doubtful. Arrow indicates dip
- FAULT**—Dashed where uncertain; dotted where concealed; queried where doubtful. Arrow indicates observed dip of fault plane
- ANTICLINE**—Showing direction of plunge
- OVERTURNED ANTICLINE**
- SYNCLINE**—Showing direction of plunge; dotted where concealed
- OVERTURNED SYNCLINE**

- STRIKE AND DIP OF BEDS**
- Inclined
- Vertical
- Overtured



AREA OF MAP



- INDEX TO 7 1/2 MINUTE TOPOGRAPHIC QUADRANGLE MAPS AND SOURCES OF GEOLOGY
1. Ricketts and Whaley, 1975
 2. Yeats and others, 1977a
 3. Winterer and Durham, 1962
 4. Cabene, 1939, modified by Yeats and others, 1977a
 5. J. R. Evans and R. V. Miller, 1978; Lant, 1977
 6. R. Saul in Barrows and others, 1974, modified by Lant, 1977; Saul, 1979
 7. R. Saul in Barrows and others, 1974; Shields 1977; Saul, 1979
 8. J. R. Evans and R. V. Miller, 1978; Shields, 1977
 9. Canter, 1974

GEOLOGIC MAP OF THE SANTA SUSANA FAULT ZONE AND VICINITY, CALIFORNIA