



EXPLANATION

- Qs Surficial deposits
 - Ql Landslide deposits
- QT Paso Robles and Tulare Formations
Mainly valley deposits
- Tp Sedimentary rocks
- Tm Monterey Shale
 - Ts Sedimentary rocks
- TK Miogeosynclinal rocks
- gr Plutonic and metamorphic rocks
- f Franciscan rocks
 - um Ultramafic rocks
Largely serpentinite

- Contact
- Approximately located
- Fault
- Dashed where approximately located; short dashed where inferred; dotted where concealed. Arrows indicate relative horizontal movement
- Thrust fault
- Dashed where approximately located; dotted where concealed. Sawteeth on upper plate
- Anticline
- Showing crestline and direction of plunge. Dashed where approximately located
- Syncline
- Showing troughline and direction of plunge. Dashed where approximately located

SILICA MINERALOGY

Symbol	Mineralogy	D(101), IN ANGSTROMS
○	Disordered cristobalite	4.115-4.086
◐	Intermediate cristobalite	4.085-4.061
◑	Ordered cristobalite	4.060-4.040
●	Quartz	---

Aeromagnetic contours
Showing total intensity magnetic field of the earth, in gammas, relative to arbitrary datum. Hachures indicate closed areas of lower magnetic intensity. Contour interval 20 gammas

Regional magnetic gradient of 9 gammas per mile in the direction N. 16° E. has been removed from the original data

Note: Value 4 is omitted from D(101) spacing shown on map

SCALE 1:125 000



See plate 4 for cross sections
AEROMAGNETIC AND GENERALIZED GEOLOGIC MAP AND SILICA MINERALOGY OF THE MCLURE SHALE MEMBER OF THE MONTEREY SHALE EAST OF THE SAN ANDREAS FAULT NEAR CHOLAME, CALIFORNIA