

M(276)2
Un Sat

62-102

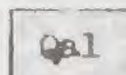
U.S. GEOLOGICAL SURVEY

Preliminary geologic map of the Strawberry Mine area,
Madera County, California

EXPLANATION

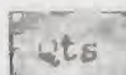


Pleistocene and Recent



Mongol 717

Alluvium



Columbia 2127

Talus and slope wash



Columbia 2167

Glacial deposits



Mongol 213

Basalt and andesite

QUATERNARY

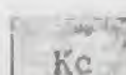
TERTIARY and QUATERNARY



Columbia 2156

Quartz monzonite of Timber Knob

Fine-grained equigranular biotite quartz monzonite



Columbia 2186

Quartz monzonite and granodiorite of Clover Meadow

Ranges from hornblende granodiorite to biotite quartz monzonite containing phenocrysts of K-feldspar as large as 1 inch in length



Mongol 766

Quartz monzonite of Isberg Divide

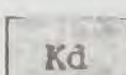
Faintly porphyritic biotite quartz monzonite containing abundant phenocrysts of plagioclase 1/2 inch in length



Columbia 2176

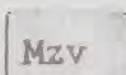
Quartz monzonite of Post Creek

Fine-grained biotite quartz monzonite; typically contains abundant round mafic inclusions that average 12 inches in diameter



Columbia 2114

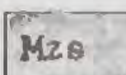
Diorite



Mongol 868

Metavolcanic rocks

Predominantly massive light-gray fine-grained meta-tuff that contains sparse phenocrysts of feldspar, but includes well-bedded tuff and dark-gray porphyritic meta-andesite flows. In much of the map area, the meta-tuff is metamorphosed to a fine-grained sugary-textured rock



Columbia 2125

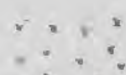
Metasedimentary rocks

Quartzite, quartz-mica schist, calc-silicate hornfels, tactite, and marble

CRETACEOUS

MESOZOIC

MESOZOIC (?)



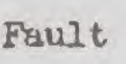
Dikes abundant

Inclusions abundant



Contact, showing dip

Long dashes where approximately located; short dashes where inferred



Fault

Short dashes where inferred



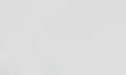
Overturned anticline

Showing trace of axial plane, direction of dip of limbs, and bearing and plunge of axis. Long dashes where approximately located; short dashes where inferred



Overturned syncline

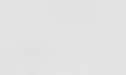
Showing trace of axial plane and direction of dip of limbs. Long dashes where approximately located; short dashes where inferred



Plunge of fold axes



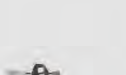
Strike and dip of beds, top direction unknown



Strike of vertical beds



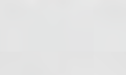
Strike and dip of beds; top direction known from cross beds or graded beds



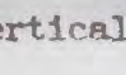
Strike and dip of overturned beds; top direction known from cross beds or graded beds



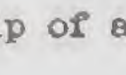
Strike and dip of foliation



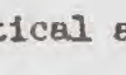
Strike of vertical foliation



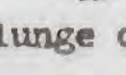
Strike and dip of aplitic dikes



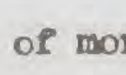
Strike of vertical aplitic dikes



Bearing and plunge of lineation



Crest of moraine



No apparent foliation

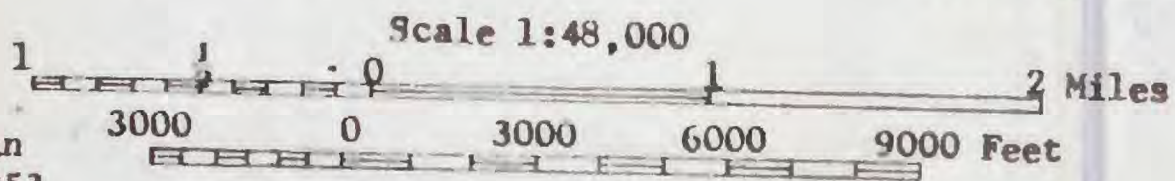
U. S. Geological Survey
OPEN FILE REPORT
This map or illustration is preliminary
and has not been edited or reviewed for
conformity with Geological Survey
standards or nomenclature.



Base from USGS Merced Peak
(15') Quadrangle

Geologic Mapping by D. L. Peck,
J. P. Lockwood, and B. C.
Weissberg, 1959-61

Approximate mean
declination, 1953



PRELIMINARY GEOLOGIC MAP OF THE STRAWBERRY MINE AREA,

MADERA COUNTY, CALIFORNIA

by Dallas L. Peck

1962



U. S. Geological Survey
OPEN FILE REPORT

This report is preliminary and has
not been edited or reviewed for
conformity with Geological Survey
standards - nomenclature

Poor Quality Original

M(276)2
vln 3pt

U.S. GEOLOGICAL SURVEY