

LEGEND

IGNEOUS ROCKS
(continued)

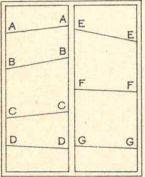
am Amphibolite
(derived from basalt,
and other igneous rocks)

ams Amphibolite-schist
(derived from andesitic
tuff and breccia, diorite,
and other igneous rocks)

ats Amphibolite-talc-schist

- 80° Dip and strike of bedded rocks
Vertical dip and strike of
stratified rocks
60° Dip and strike of schistosity
or cleavage
Vertical dip and strike of
schistosity or cleavage
Quartz veins outcropping
prominently on the surface
Gold-quartz mines
Shallow placer mines in auriferous
gravel
Hydraulic mines in auriferous
gravel
Drift mines in auriferous gravel
Gold prospects, including pocket
mines
Quick-silver prospect

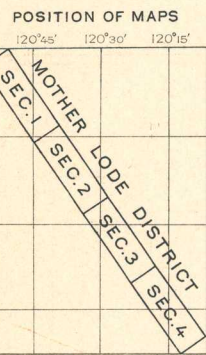
Sections



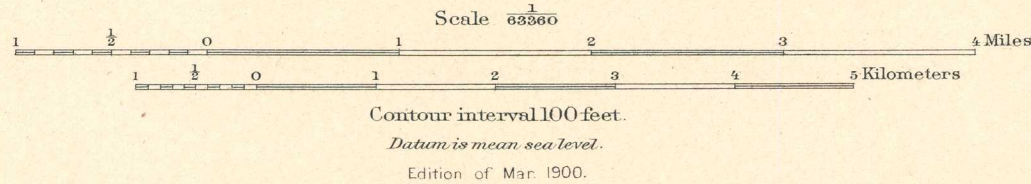
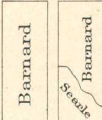
Known
productive
formations

Auriferous river
gravel

Limestone
(suitable for making lime)



R.U. Goode, Geographer in charge.
Topography by E.C. Barnard and A.B. Searle.
Surveyed in 1897.



George F. Becker, Geologist in charge.
Geology by F.L. Ransome.
Surveyed in 1898.

LEGEND

SURFICIAL ROCKS
(Areas of surficial
rocks are shown by
patterns of dots
and circles.)

Pa Alluvium
(bordering streams and
filling small valleys)

Pgv River gravels
(usually auriferous)

SEDIMENTARY ROCKS
(Areas of sedimentary
rocks are shown by
patterns of parallel
lines. Wavy line patterns
show general direction
of schistose cleavage.)

Ng Auriferous
river gravels

Jm Mariposa
formation
(clay slate, sandstone,
and conglomerate)

ch Cherty beds
(banded green and chocolate
sediments closely associated
with the meta-andesitic tuff)

Cc Calaveras
formation
(slate, mica-schist, chiefly
bottle-schist, quartzite,
conglomerate, clay slate,
chert, and limestone)

ls Limestone
(lenses and irregular
masses within the
Calaveras formation)

IGNEOUS ROCKS
(Areas of igneous rocks
are shown by patterns
of triangles and rhombs.
Wavy line patterns show
general direction of
schistose cleavage.)

Ni Latite
(a rock intermediate
between andesite and
trachyte, lava flows)

Nat Andesite tuff, breccia,
and conglomerate
(roughly stratified)

Small dikes of
various rocks
(serpentine, sp. diorite,
porphyry, sp. diorite,
di. gabbro, sp. and
altered rocks)

sy Soda-syenite,
granophyre and
related syenitic rocks
(dikes)

mdi Meta-diorite
(altered diorite, largely
quartz-diorite)

qdi Quartz-diorite
(batholithic intrusive
masses)

grd Granodiorite
(batholithic intrusive
masses)

gb Gabbro
(intrusive masses and
dikes, usually associated
with serpentine)

sp Serpentine
(derived from gabbro
and related basic
intrusive rocks)

mdb Meta-dibase
(altered intrusive diorite
and lava flows)

ma Meta-andesite
(altered andesitic breccia,
tuff, and massive lavas
with some altered basalt
and diorite)

mha Meta-hornblende-
andesite
(altered hornblende-andesite
breccia and tuff)

Legend is continued
on the left margin.