

SUPERFICIAL

- al Alluvium
grv Gravel
Shore and river gravels, sand, hardpan (river gravels frequently auriferous)

SEDIMENTARY

- Ng Auriferous river gravels
Ni Ione formation (Clays, sand, and gravel, some coal seams)
Kc Chico formation (metamorphic)

SEDIMENTARY

- Km Mariposa slates (Early Ordovician or late Jurassic age, roofing slates, quartz veins)
Contact metamorphic rock (of age of Mariposa slates)
Cc Calaveras formation (limestones, shales, and sandstones, possibly in part early Mesozoic and older Paleozoic)

IGNEOUS

- Na Andesite (fragmental)
grd Granodiorite (containing locally numerous gold quartz veins)
gbd Gabbro (basaltic)
gb Gabbro (felsic)
pr Peridotite
py Pyroxenite
s Serpentine
db Diabase and diabase-porphyrite

AGE OF MARIPOSA SLATES AND OLDER

- qdb Quartz-diorite
gam Amphibolite (and schistose quartz-diorite-porphyrite)
am Amphibolite (principally derived from diabase, contains some gold quartz veins)

DYNAMOMETAMORPHIC

- am Amphibolite (principally derived from diabase, contains some gold quartz veins)

