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GEOLOGICAL SURVEY

LEGEND
Sedimentary Rocks
QUATERNARY
RECENT AND PLEISTOCENE
I Superficial deposits
Gravel, sand, clay, silt, muck, peat, soil, ground-ice, and volcanic ash.
TERTIARY
MAINLY OR ENTIRELY EOCENE
II Kenai series
Conglomerate, sandstone, clay, and shale, including seams of lignite.
MESOZOIC
CRETACEOUS OR JURASSIC
III
Conglomerate, sandstone, greywacke, siltstone, shale, argillite, and tuff.
RANGE FROM CRETACEOUS TO CARBONIFEROUS
IV
Shale, argillite, chert, sandstone, conglomerate, and occasional beds of limestone.
PALÆOZOIC
PROBABLY MAINLY CARBONIFEROUS OR DEVONIAN MEMBERS
V
Limestone, in places very siliceous.
PRE-CAMBRIAN
PRE-CAMBRIAN (?)
VI Tindir group
Phyllite, slate, schist, and quartzite.
Metamorphic Rocks
PRE-CAMBRIAN
PRE-CAMBRIAN (?)
VII Yukon group
Chiefly mica schist, quartz-mica schist, sericite schist, chlorite schist, schistose quartzite, schistose amphibolite, greenstone schist, and gneiss, with occasional included beds of limestone.
Igneous Rocks
TERTIARY
MAINLY LATE TERTIARY BUT INCLUDE SOME PLEISTOCENE
VIII
Mainly rhyolite, latite, granite porphyry, and syenite porphyry, with their accompanying tuffs.
IX
Mainly augite andesite and basalt, dominantly amygdaloidal or pumiceous, with related pyroclastic rocks
MESOZOIC
CRETACEOUS OR JURASSIC
X Granitic intrusives
Intrusive plutonic rock ranging in composition from gabbro to granite, and normatively phanerodikitic of granitic habit.
PROBABLY FROM CRETACEOUS TO CARBONIFEROUS
XI
Andesite, diabase, basalt, and related igneous rocks, with their accompanying tuffs
PALÆOZOIC
PROBABLY ABOUT DEVONIAN
XII
Mainly pyroxenite, amphibolite, and related rocks.
Symbols
Geological boundary observed
Geological boundary assumed
Gravel containing Gold
Gravel containing Copper
Gold
Silver
Copper
Silver-Lead
Antimony
Coal
Wagon Road
Trail
Northern Boundary of British Columbia
Longitude west 138°00' from Greenwich
Approximate northern limit of Glaciation
Approximate eastern boundary of Granitic batholith
Approximate western boundary of Granitic batholith
Approximate eastern boundary of Coast Range batholith
Probably mainly schistose rocks, members of the Yukon group.
Probably mainly Granitic intrusives
native copper placers
Kletson Creek most cu placer
slab of cu at "Discovery"
Macmillan Mountains built mostly of light and dark quartz schists, argillites, and crystalline limestone. Small areas of granite and aplite also occur.
Band of chert breccia
Devono-Carboniferous limestones
Mainly Mesozoic and Upper Palæozoic sediments
Mainly Mesozoic sediments
Mainly Devono-Carboniferous limestones with subsidiary sediments
Mainly Jurassic sediments
Mainly Jurassic sediments
Mainly Jurassic