



EXPLANATION

-  Unconsolidated surface deposits
(Stream gravel and silt, terrace gravel, and glacial deposits. Includes some high gravel of probable Tertiary age)
-  Tertiary coal-bearing formation
(Arkose and loosely consolidated clay, sand, and gravel. Locally coal bearing)
-  Mesozoic and Tertiary lava flows and fragmental volcanic materials
(Includes tuffaceous and basaltic lavas in the Talkeetna Mountains, and andesite, rhyolite, and basic lavas in the Alaska Range)
-  Granitic intrusives, mainly of Mesozoic and Tertiary age
(Includes granite, monzonite, diorite, and other coarse-grained acidic intrusive rocks)
-  Chiefly Mesozoic sediments
(Slate and graywacke, possibly in part of Paleozoic age, in Chugach and Kenai mountains and in upper Susitna basin. In the Alaska Range includes conglomerate, sandstone, and shale of possible Tertiary age)
-  Greenstone, mainly of Mesozoic age
(Includes basaltic and dark andesite lavas and diabase and other basic intrusives)
-  Paleozoic sediments
(Includes slate, argillite, chert, and limestone, of probable Ordovician age; argillite, slate, phyllite, chert, and graywacke, of probable Silurian or Lower Devonian age; and Devonian limestone with associated chert, shale, and sandstone)
-  Highly metamorphosed rocks
(Includes mica schist of pre-Ordovician age, and gneiss and schist of Paleozoic age)
-  Acidic dikes
- MINERAL DEPOSITS**
-  Probable coal-bearing areas
-  Gold and silver lode
-  Gold placer
-  Copper lode
-  Platinum-bearing placer
-  Antimony
-  Tungsten

QUATERNARY
TERTIARY
MESOZOIC AND TERTIARY
PALEOZOIC(?), MESOZOIC, AND TERTIARY(?)
MAINLY MESOZOIC
PALEOZOIC
PRE-PALEOZOIC(?) AND PALEOZOIC

MAP OF THE REGION TRIBUTARY TO THE ALASKA RAILROAD SHOWING GEOLOGY AND MINERAL DEPOSITS

10 0 10 20 30 40 MILES

1924

TERRITORY OF ALASKA
DEPARTMENT OF MINES
JUNEAU, ALASKA