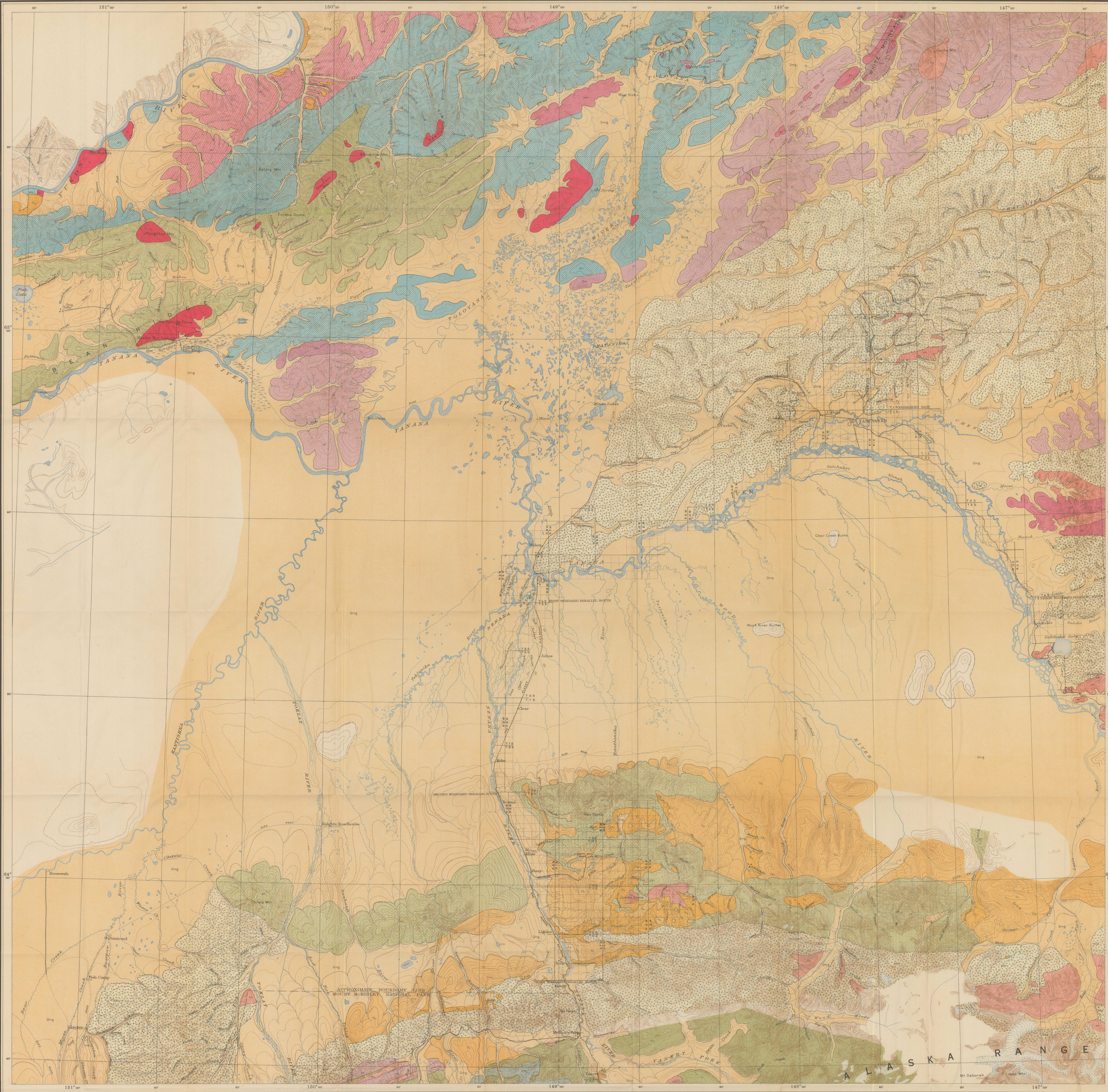




EXPLANATION
SEDIMENTARY ROCKS

Quaternary

- Qmg Unconsolidated materials including glacial moraine and outwash gravel, stream terrace gravel, outcrops and bench deposits, and alluvium of present streams
- Tn Nonacid gravel (Locally consolidated high gravel and sand, or pebbles or boulders, locally silty)
- Ts Undifferentiated Tertiary sediments, mainly Eocene and younger T1 shales and sandstones with interbedded coals; includes some silty sandstones that are older than the coal-bearing series and some conglomerates that are younger

Tertiary

- Kc Chukchi formation (Dark sandstone, conglomerate, silt, mudstone, and shale; locally contains considerable silty sandstone)
- ms Cretaceous sediments of Yukon-Tanana region

Cretaceous

- ms Undifferentiated Mesozoic rocks (Includes shales and sandstones of Upper Cretaceous and lower Tertiary age; includes some silty sandstones that are older than the coal-bearing series and some conglomerates that are younger)

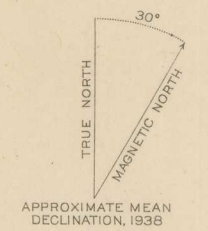
Paleozoic

- ms Undifferentiated Paleozoic sedimentary rocks, younger than middle Silurian, in Yukon-Tanana region
- sm Middle Silurian limestone of Yukon-Tanana region
- ps Undifferentiated Paleozoic sedimentary rocks, older than Middle Ordovician, in Yukon-Tanana region
- ps Undifferentiated Paleozoic sedimentary beds
- ps Totalianka schist (Altered shales and sandstones, including carbonaceous shales)
- ps Birch Creek schist (Metamorphic and igneous rocks, including schists, gneisses, and amphibolites, and some igneous rocks, including diorite and granite)

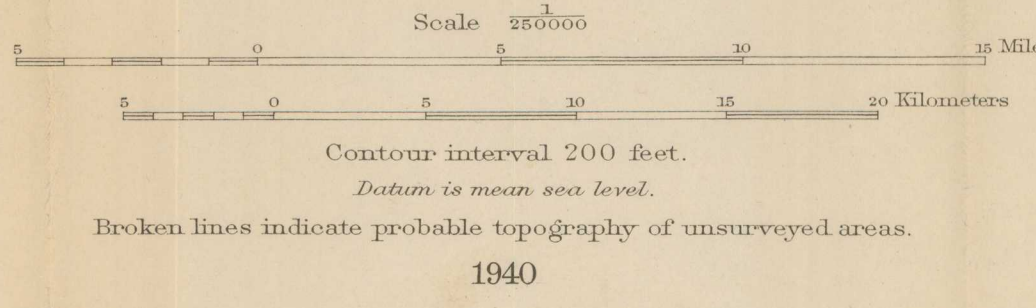
Igneous Rocks

- Ti Tertiary intrusive rocks
- mv Basic and acidic flows, tuffs, and intrusives of late Mesozoic age
- mi Granitic intrusives, mainly of Mesozoic age, but possibly in part of early Tertiary age
- ps Rampart group (Includes dikes and sills of Mesozoic age, in Yukon-Tanana region)
- ps Paleozoic volcanic rocks of Yukon-Tanana region
- ps Paleozoic basic lavas of Yukon-Tanana region

Base prepared principally from original surveys executed by Alaskan Branch, supplemented from other official sources.



**GEOLOGIC MAP OF THE ALASKA RAILROAD REGION
YANERT FORK TO FAIRBANKS**
By S. R. Capps



1940

Rampart
YANERT FORK
FAIRBANKS
MATANUSKA
COAL FIELD
YANERT FORK
TANANA
MATANUSKA
COAL FIELD
TANANA

Geology from original surveys by S. R. Capps 1900-1936 and adaptations of surveys by other members of the Alaskan Branch.

Diagrams of maps entitled THE ALASKA RAILROAD REGION. Dashed lines indicate overlapping of maps.