



EXPLANATION

SEDIMENTARY ROCKS

- Qng Unconsolidated materials including glacial till, stream terrace gravels, and beach deposits, and alluvium of present streams.
- T₃ Undifferentiated Tertiary sediments, mainly Eocene and younger (T₃ shales and sandstones with interbedded coals). Includes some volcanic conglomerates that are older than the coal-bearing series, and some conglomerates that are younger.
- Ma Matanuska formation (shales and sandstones of late Tertiary).
- C Lower Cretaceous limestone of western Tethyan Mountains.
- M Unconsolidated Mesozoic rocks (shales and sandstones of Upper Cretaceous and lower Tertiary age). May be part of Upper Cretaceous or may be younger.
- Black Creek schist Metamorphic rocks, mainly of Black Creek schist.

IGNEOUS ROCKS

- T₃ Tertiary volcanic rocks, mainly basic lava flows of post-Eocene age.
- T₃ Tertiary intrusive rocks.
- E₃ Basic lavas and flows that underlie beds of Upper Cretaceous age.
- E₃ Basic lavas and flows that underlie beds of Upper Cretaceous age.
- G₃ Granitic intrusives, mainly of Mesozoic age, but possibly in part of early Tertiary age.

Fault

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

GEOLOGIC MAP OF THE ALASKA RAILROAD REGION SEWARD TO MATANUSKA COAL FIELD

By S. R. Capps



1940

Geology from original surveys by S. R. Capps 1910-1930 and adaptations of surveys by other members of the Alaska Branch.

Diagram of maps within THE ALASKA RAILROAD REGION. Dotted lines indicate overlapping of maps.