

GEOLOGIC RECONNAISSANCE MAP OF THE ILIAMNA REGION ALASKA

Scale 1:50,000
0 5 10 15 20 Miles
0 5 10 15 20 Kilometers

Contour interval 200 feet
Datum is mean sea level
Dotted lines represent probable topography, unurveyed.

Geology by G. C. Martin and F. J. Katz
assisted by Theodore Chapin
Surveyed in 1909

Note: The geologic mapping of shores
of Cook Inlet is based on surveys made by
G. C. Martin in 1903 and 1904
1912

LEGEND

- Recent volcanic material
- Quaternary:
 - Beach and flood-plain deposits
 - Terrace gravels
 - Glacial deposits
- Tertiary:
 - Basaltic flows and tuffs
 - Sedimentary beds
 - Naknek formation
- Upper Jurassic:
 - Chisik conglomerate
 - Chinitna shale
 - Taxachi sandstone
- Middle Jurassic:
 - Granitic rocks
- Lower Jurassic:
 - Porphyries and tuffs
 - Kamislak chert
 - Limestone
 - Greenstones
 - Slate and chert
- Paleozoic:
 - Crystalline limestone and calcareous schist
 - Gneisses and quartzite-schists

BASE MAP
A. H. Brooks, Geologist in charge of division
Triangulation and topography by
D. C. Witherspoon and C. E. Griffin
Geodetic position based upon data
by Coast and Geodetic Survey
Surveyed in 1909

Additional coast line and topography
from traverses by G. C. Martin and from
Coast and Geodetic Survey charts

