

# GEOLOGIC RECONNAISSANCE MAP OF THE ILIAMNA REGION ALASKA

Scale 1:50,000  
0 10 20 30 Miles  
0 5 10 15 Kilometers

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

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

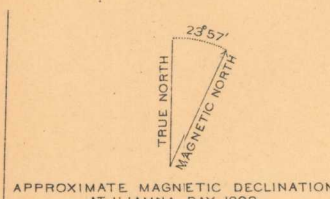
Note: The geologic mapping of shores  
of Cook Inlet is based on surveys made by  
G. C. Martin in 1903 and 1904  
1912

## LEGEND

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

BASE MAP  
Alfred 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



APPROXIMATE MAGNETIC DECLINATION  
ILIAMNA BAY, 1909

