

LEGEND

QUATERNARY

- Qdb**
Creek and low bench deposits
Sand, gravel, silt, etc., locally
auriferous
- Qgb**
Gravel plain and bench deposits
Sand, gravel, silt, etc., locally
auriferous

POST-ORDOVICIAN(?)

- i**
Basic intrusives
Amygdaloidal basalt
- gms**
Greenstone
Sheared basic intrusives; locally
shows some sulphide mineralization
- cg**
Casadepaga schist
Metamorphic schists of igneous origin,
seldom auriferous
- p**
Pucknummie schist
Black slates and schists
- h**
Hurrah slate
Black quartzose slates and schists
widely mineralized

ORDOVICIAN(?)

- Os**
Sowik limestone
Massive light-blue crystalline lime-
stone. Disseminated mineralization
at contact
- ls**
ms
Solomon schist
Micaceous and chloritic schists
Numerous quartz veins and lenses
Includes limestone lentils (ls)
and some undifferentiated Sowik
limestone

Placer

- X**

**Locality where sulphide mineralization
or auriferous veins have been noted**

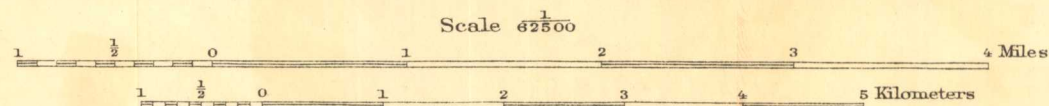
- O**

Fault

Alfred H. Brooks, Geologist in charge.
 Topography by T.G. Gardine, W.B. Corse, and B.A. Yoder.
 Control by Coast and Geodetic Survey.
 Surveyed in 1905.

GEOLOGIC MAP OF CASADEPAGA QUADRANGLE, ALASKA

Geology by Philip S. Smith,
 Frank J. Katz, and George I. Finlay
 Surveyed in 1907-1908
 Under the direction of Alfred H. Brooks



Contour interval 25 feet.
 Datum is mean sea level.
 1909