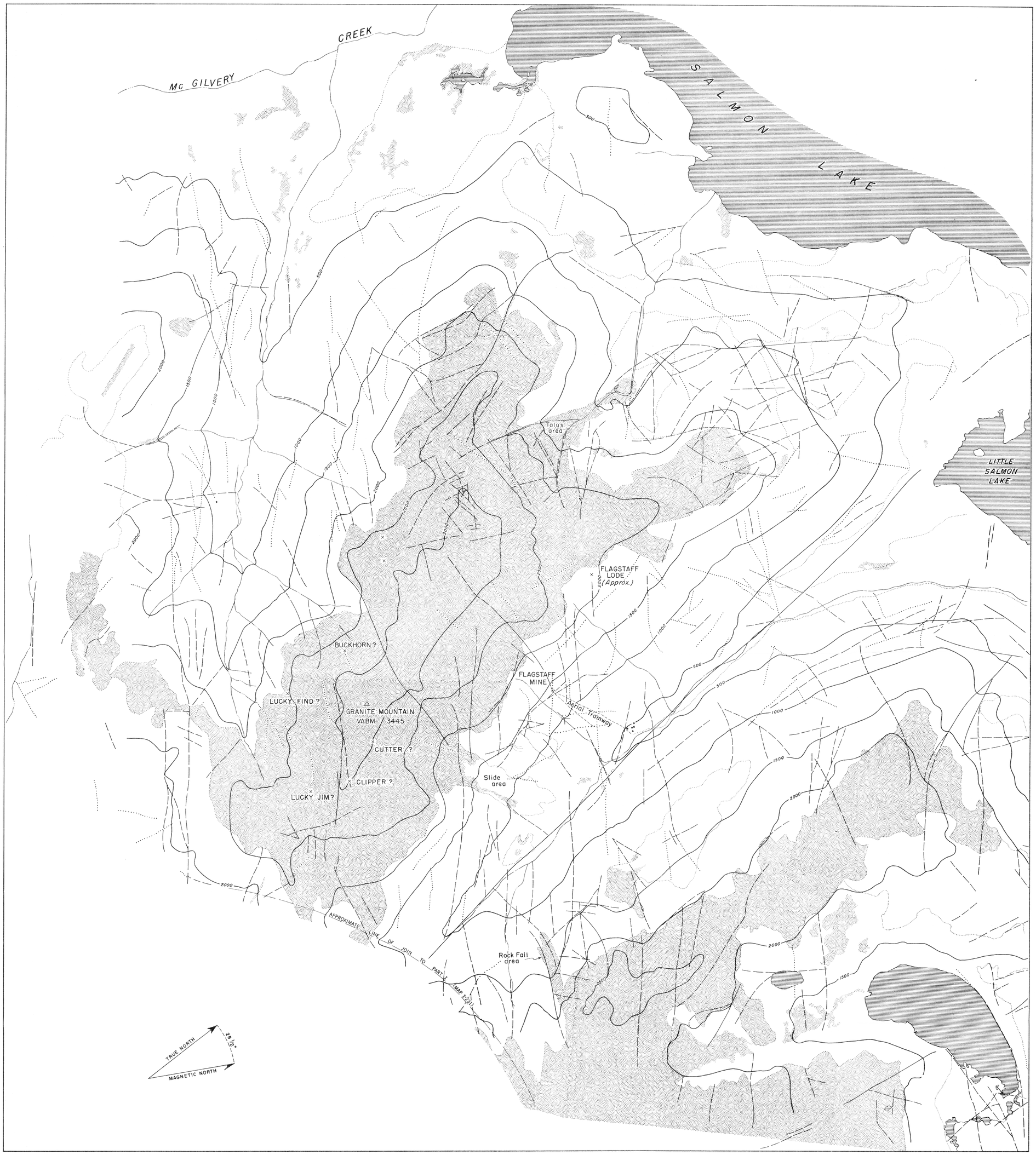


This map is intended to assist geologic study of the Hollis area by showing linear features that may indicate structures, such as faults, which may be significant in the localization of mineral deposits. Some deposits on eastern Prince of Wales Island, notably copper at the Rush and Brown mine, were controlled by faults or shear zones, and it is likely that other similar deposits may be present in this area. However, "contact-type" deposits also present in this geologic terrane may not be associated with linear features here shown. On this map other features, such as clearings, that may aid in determining ground position, have also been delineated.

EXPLANATION

Area of little or no tree cover
As interpreted from aerial photographs taken in June and August 1948

Line separating areas differing primarily in tree cover
As interpreted from aerial photographs taken in June and August 1948

Linear feature prominent in stereoscopic model

Linear feature not prominent but easily recognized in stereoscopic model

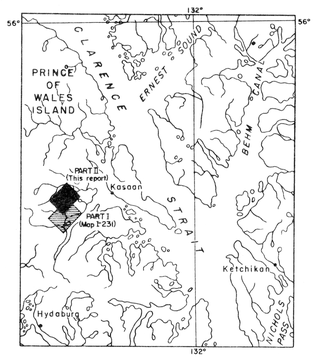
Linear feature recognized with difficulty in stereoscopic model

Mine

Adit

Prospect
Name questioned where doubtful

Trail or tramway



INDEX MAP SHOWING LOCATION OF HOLLIS AREA

10 0 10 Miles

Base map modified from U. S. Geological Survey topographic maps Craig (C-2) and (C-3) quadrangles, Alaska.

Aerial photographs used for photogeologic data were taken in June and August 1948

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.
M-R-4064

Data concerning location of mines and prospects based on field observations and other data available to U.S. Geological Survey

MAP OF HOLLIS AREA, PRINCE OF WALES ISLAND, ALASKA SHOWING LINEAR FEATURES AS SEEN ON AERIAL PHOTOGRAPHS PART II

BY
C.L. PILLMORE and KATHLEEN McQUEEN

SCALE 1:12000

1000 500 0 1000 Feet

CONTOUR INTERVAL 500 FEET
DATUM IS MEAN SEA LEVEL
1956

For sale by U. S. Geological Survey, price 50 cents