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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 mines, were controlled by faults or shear zones, and it is likely that other similar deposits may be present in this area. However, "concretionary" 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

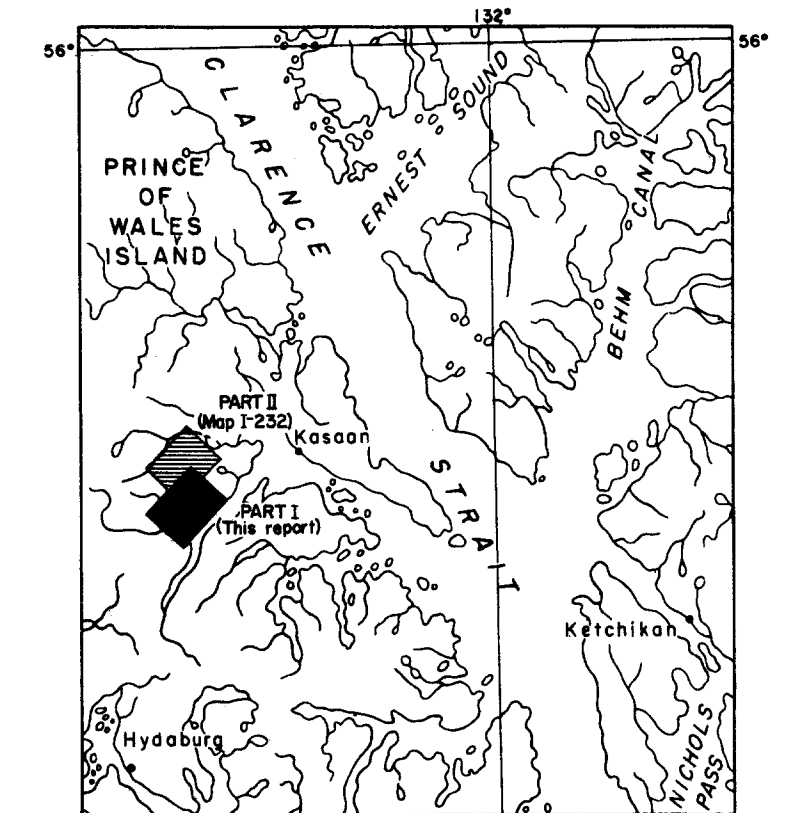
Linear feature not prominent
but easily recognized in stereoscopic model

Linear feature recognized
with difficulty in stereoscopic model

Mine

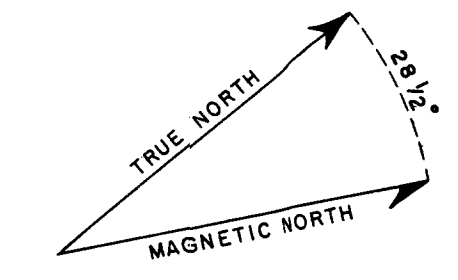
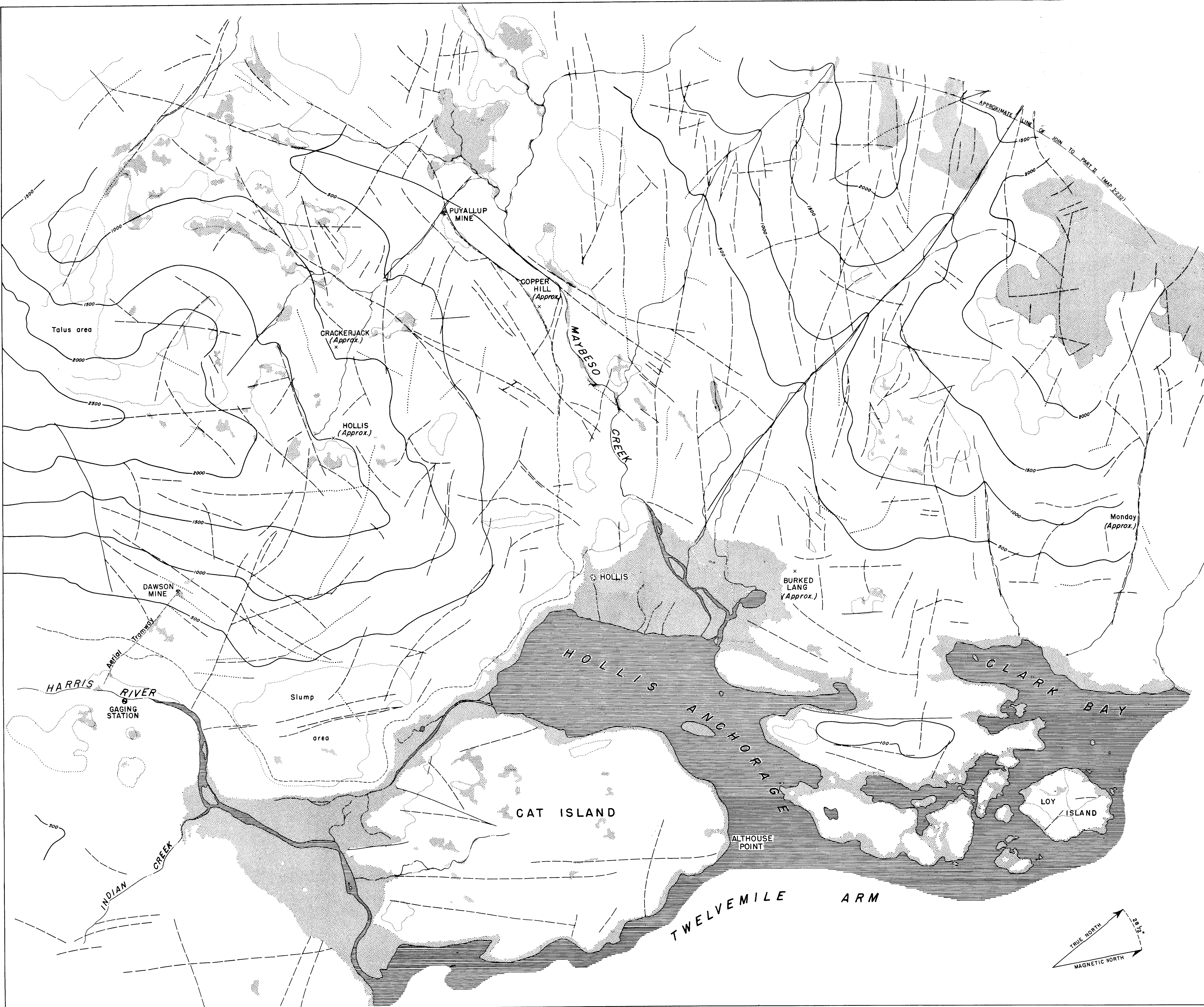
Prospect

Trail or tramway



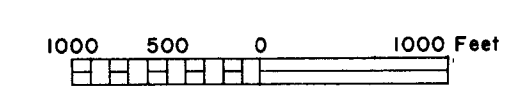
INDEX MAP SHOWING LOCATION
OF HOLLIS AREA

0 10 Miles



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

BY
G.L. PILLMORE and KATHLEEN McQUEEN
SCALE 1:12000



CONTOUR INTERVAL 500 FEET
DATUM IS MEAN SEA LEVEL

1956

Base map modified from U. S. Geological Survey
topographic maps C-19 (B-2), (B-3), (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.

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