

This map is intended to assist geologic study of the Salt Chuck 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, "concentric" deposits also present in this geologic terrane may not be associated with linear features here shown. On this map other features, such as cleavages, 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.*

Probable fault zone  
*Labeled*

Linear feature prominent in stereoscopic model

Linear feature not prominent but easily recognized in stereoscopic model

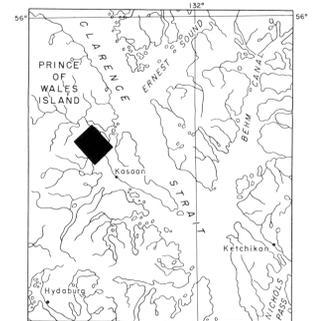
Linear feature recognized with difficulty in stereoscopic model

Trace of possible bedding or foliation

Adit

Prospect

Trail or tramway



INDEX MAP SHOWING LOCATION OF SALT CHUCK AREA

Base map modified from U. S. Geological Survey topographic map Craig (C-2) quadrangle, 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

**MAP OF SALT CHUCK AREA, PRINCE OF WALES ISLAND, ALASKA  
SHOWING LINEAR FEATURES AS SEEN ON AERIAL PHOTOGRAPHS**

BY  
**C.L. PILLMORE and KATHLEEN McQUEEN**  
SCALE 1:12000



CONTOUR INTERVAL 500 FEET

DATUM IS MEAN SEA LEVEL  
1956