

EXPLANATION

Most of area is covered soil, moss, and slide rock, generally less than 10 feet thick. Stratified and igneous rocks are exposed in a coastal strip 100-300 feet wide, in the beds of creeks and in scattered outcrops.

STRATIFIED ROCKS



Interbedded argillite and quartzite with minor marble

DEVONIAN

IGNEOUS ROCKS



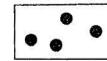
Silicified quartz diorite

- 1 Slightly silicified quartz diorite
- 2 Gradational boundary between 1 and 3
- 3 Pseudoporphyrific quartz diorite
- 4 Gradational boundary between 3 and 5
- 5 Greatly silicified quartz diorite

LOWERS CRETACEOUS OR UPPER JURASSIC



Approximate outer limit of zone cut by many quartz veinlets, largely in joints trending N 60°-70°W



Exposures of molybdenite-bearing rock

Visible contact

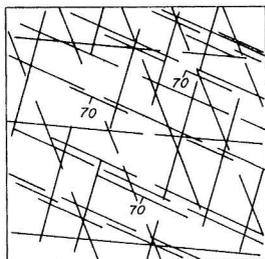
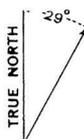
Inferred contact, covered

Trail

35°

Horizontal projection of diamond drill hole showing dip

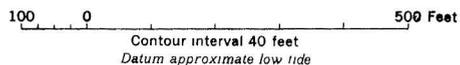
- A3 San Antonio Metal Co. drill hole
- K4 Kennecott Copper Corp. drill hole



DIAGRAMMATIC SKETCH OF MAIN JOINT PATTERN OVER MAPPED AREA
Joints nearly vertical, direction of dip variable, except as shown

Topography by G. D. Robinson, R. A. Harris, and A. J. Bollen

Geology by G. D. Robinson
Surveyed in 1943



GEOLOGY OF MOLYBDENITE DEPOSITS, BAKER ISLAND, SOUTHEASTERN ALASKA