

NAME OF PROPERTY NORTHWESTER

OBJECT LOCATED—showing.

UNCERTAINTY IN METERS 300. Lat. 53°17'50" Long. 132°29'50"

Mining Division Skeena District Queen Charlotte

County Township or Parish

Lot Concession or Range

Sec Tp. R.

HISTORY OF EXPLORATION AND DEVELOPMENT

The Northwest showing is located 1 mile north of the head of Van Inlet, being reached by tractor road and trail from Sheilds Bay on Rennell sound. The showing was discovered and staked by G. McRae and A. Dewall. The 11 claim Magnet group was optioned to Mastodon-Highland Bell Mines Limited. In 1962 the company carried out geological, magnetometer, and electromagnetic surveys.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The Northwest is a pyrometasomatic replacement deposit in the typical setting. The showings occur in the southwest corner of a large pendant that includes Karmutsen to Yakoun and possibly Masset Formations; the pendant is essentially surrounded by various phases of the Kano massif. The showings are at the contact of Karmutsen greenstones and a band of Kunga grey limestone, and some flaggy black limestone which outcrops along the steep slopes at about 2,100 to 2,400 feet elevation. The Kunga Formation is overlain by Yakoun andesites and volcanic sandstones. Near the showings the sequence strikes about north 60 degrees east, dips steeply to the northwest, and is cut by many andesite and basalt dykes. Faults are numerous nearby but are not definitely identified at the showings. Kano diorite outcrops below the showings to an elevation of about 1,000 feet.

The showings consist of pods of actinolite garnet skarn, and magnetite with chalcopyrite at or near the Kunga-Karmutsen con-

Associated minerals or products of value - Iron. p.t.o.

513390 *

HISTORY OF PRODUCTION

REFERENCES

Brown, A. Sutherland; Geology of the Queen Charlotte Islands; Bulletin No. 54, p. 179, British Columbia Dept. of Mines, 1968.
 Reports of Minister of Mines, British Columbia: 1928, p. C-64; 1962, p. 10.

MAP REFERENCES

Geology of the Queen Charlotte Islands, Sc. 1:125,000, Fig. 5, Sheet B - accomp. Bulletin No. 54.
 #Sheet 103 F, (MI), Graham Island, Preliminary Mineral Inventory Map, Sc. 1:250,000, British Columbia Dept. of Mines.
 *Map 103 F/8 W, Yakoun Lake, (Topo.), Sc. 1:50,000.

BCI 103 F-4

DESCRIPTION OF DEPOSIT (continued)

tact and distributed over 1,400 feet along strike. Judged by the surface geology and magnetometer survey, there is no large body of magnetite at or near the surface. Some small lenses contain up to 1 per cent copper, and large float blocks of high-grade chalcopyrite occur down the slope from the showings. A few showings are on inaccessible cliff faces, but none of the accessible ones are of such a size or grade to be copper ore.

REMARKS

Comp./Rev. By	LJ						
Date	6-75						