

NAME OF PROPERTY

DIRK (KEN) (MAG)

OBJECT LOCATED - location from Geology, Exploration, and Mining, 1972.

UNCERTAINTY IN METRES

Lat. 56°52.2' Long. 130°56'

Mining Division Liard

District Cassiar

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Mississippian metamorphic, sedimentary, and volcanic rocks are unconformably overlain or faulted against sedimentary and volcanic rocks of probable Permian age. The Paleozoic rocks are overlain by Upper Triassic sedimentary rocks. A series of syenite porphyry dykes generally less than 30 feet wide intrudes the bedded rocks and localizes mineralization. The dykes are 'rhomb porphyries' with coarse-grained K-feldspar phenocrysts and occasional small grains of garnet in the matrix. Mineralization is a typical skarn association of bornite, chalcocite, chalcopyrite, magnetite, hematite, and pyrite with a calc-silicate assemblage near but not necessarily in limestones intruded by syenite porphyries. Mineralization is erratic and forms pods and lenses, some of which have high copper content and carry appreciable gold and silver.

Associated minerals or products of value - Iron

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between elevations of 3,500 and 5,500 feet northwest of Newmont Lake, in the Forrest Kerr Icefield, 70 miles south-southeast of Telegraph Creek. The claim block is an extensive holding situated in mountainous terrain largely covered by a permanent snowfield.

Newmont Mining Corporation of Canada Limited in about 1961 acquired 192 claims in the area, including the Lake, Don, Ken, and Mag groups. A magnetometer survey and trenching was carried out during 1961. Granduc Mines, Limited carried out geological and geophysical surveys over the Don, Ken, and Mag groups in 1963.

The property in 1972 comprised the Dirk 1-324 claims. Work by Newmont during the year included geological mapping, an airborne magnetometer survey covering Dirk 1 to 300, a ground magnetometer survey over selected areas, and 318 feet of diamond drilling in 6 holes.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1961, p. 8;
1963, p. 9. *See map*
Geology, Exploration, and Mining; British Columbia Dept. of
Mines: 1972, p. 519.

MAP REFERENCES

Map 9-1957, Stikine River Area, (Geol.), Sc. 1":4 miles.
Map 104 B/15, Forest Kerr Creek, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	5-76						