

NAME OF PROPERTY

MAGNET, EXCEL-EXCELSIOR

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 250. Lat. 50°24'30" Long. 126°57'35"

Mining Division Nanaimo District Rupert

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

In the vicinity of the claims the Karmutsen volcanics, dipping gently southwest, are overlain by a fairly thin flat-lying remnant of the Quatsino limestone of Upper Triassic age. On the southeast these rocks are intruded by a large body of Nimpkish granodiorite of Jurassic age. In the limestone, along or near the contact of the granodiorite, and at the contact with the underlying volcanics, occurs a skarn of generally low-grade mineralization of magnetite, garnet, epidote, pyrite, and a little pyrrhotite and chalcopyrite. One exposed high-grade massive chalcopyrite vein in the contact zone assayed 15.4 per cent copper across five feet.

HISTORY OF EXPLORATION AND DEVELOPMENT 9247 FE2

The property is located at an elevation of 300 feet a few hundred yards east of Nimpkish lake, a little less than 1 mile southeast of Halfway islands.

In 1931 the Magnet group of six claims was owned by S.C. Gordon. Development by Noranda Exploration Company, Limited, included one trench, 40 feet long, towards the northern end of the claims.

In 1954 Noranda Exploration carried out a geological and geophysical investigation of the claims. In 1957 part of the skarn zone was drilled for magnetite.

In 1972 the property was owned by First National Uranium Mines Limited as the Excel-Excelsior group of 22 claims. An evaluation exploration program was carried out which include magnetometer and geochemical soil surveys.

In 1973 the Excel-Excelsior group was acquired by Groundstar Resources Limited, fifty per cent interest, with a 25 per cent interest, each acquired by Stampede International Resources Ltd., and Northwest Ventures Ltd.

In October and November of 1973 induced polarization, magnetometer, and electromagnetometer surveys were conducted over the Excel, Excelsior and Excel 1-20 claims.

During the early part of 1974 the Company carried out X-ray test drilling and 3,284 feet of diamond drilling on the property.

Associated minerals or products of value - Copper.

120686

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1958, p. 72.
 Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, p. 61, Geol. Surv. of Canada, 1974.
 Gunning, H.C.; Preliminary Report on the Nimpkish Lake Quadrangle, Vancouver Island, British Columbia; Summary Report 1931, Pt. A, p. 32, Geol. Surv. of Canada.
 Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1973, p. 259.
 Mineral Development Sector; Corporation Files: "Groundstar Resources Limited"; "Northwest Ventures Ltd."; *Stu. p. 60 International Resources Ltd.*

MAP REFERENCES

Map 4-1974, Alert Bay-Cape Scott, (Geol.), Sc. 1:250,000 - accomp. Paper 74-8, Geol. Surv. of Canada, 1974.
 #Mines and Mineral Occurrences of Alert Bay-Cape Scott area, Sc. 1:250,000, Fig. 15 - accomp. Paper 74-8, Geol. Surv. of Canada, 1974.
 *Map 92 L/7 W, Nimpkish, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	LJ						
Date	10-75						