

NAME OF PROPERTY **JAY, SKY**

LOCATION **Jay #1 claim.**

Radius of uncertainty - 1,000 m.      Lat. **50°22'20"**      Long. **120°56'**

Mining Division **Kamloops**      District **Kamloops**

County      Township or Parish

Lot      Concession or Range

Sec.      Tp.      R.

OWNER OR OPERATOR AND ADDRESS

**DESCRIPTION OF DEPOSIT**

Most of the showings in the northern part of the property are between Roscoe and Chataway Lakes and occur variously in older quartz diorite that is cut by younger quartz diorite or porphyry dykes, and in younger quartz diorite cut by porphyry dykes. The mineralized rocks are fractured and faulted, argillized, silicified, and rusty. The exposed mineralization is low grade and consists chiefly of fracture fillings and disseminations of specular hematite, chalcopyrite, and bornite, which are partly oxidized to copper carbonates and chalcocite. Extensive trenching has been done on and near the Jay No. 1 claim, which is about 1 mile west of the south end of Chataway Lake. Two inclined holes, each 75 feet long, were drilled prior to 1963 and failed to reach the altered zone exposed on the claim. In 1963 a further 854 feet of drilling was done in two or more holes at this showing and is reported partly to have intersected mineralization. One hundred and fifty-eight feet of drilling was done farther north on the Bob No. 8 claim, where there are mineralized exposures of quartz porphyry

p.t.o. ....

Associated minerals or products of value

**HISTORY OF EXPLORATION AND DEVELOPMENT**

The Jay and Sky groups of claims are located west of Chataway Lake, some 19 miles north-northwest of Merritt. The Chataway Mining Syndicate was organized in 1956 by S.W. Wright, of Vancouver, to explore a number of claim groups in the vicinity of Chataway and Roscoe Lakes. Work by the syndicate during the following years included a geochemical soil survey, trenching, and limited diamond drilling. Chataway Exploration Co. Ltd. was incorporated in September 1962 to acquire and explore the 213 claims property. Exploration work during the period 1962-1964, inclusive, included electromagnetic, induced potential, and geochemical soil surveys, and 854 feet of diamond drilling in 2 or more holes on the Jay #1 claim. During 1967 additional geophysical and geochemical surveys were carried out and 1,834 feet of diamond drilling in 8 holes was done on the Sky #7 claim, about 1/2 mile north-northeast of the Jay showing. The property was under option to King Resources Company during 1968-1969 and American Smelting and Refining Company in 1970. Work by both companies was largely reconnaissance exploration of the whole property, now totalling some 400 claims. The Jay and Sky claims were included in the western portion of the Chataway holdings which were optioned to International Mogul Mines Limited in December 1971.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia; 1962, p. 50; 1963, p. 48; 1964, p. 90; 1967, p. 159.  
Mineral Resources Branch; Corporation Files: "Chataway Exploration Co. Ltd."; "Aselo Industries Ltd."  
Geology, Exploration and Mining; British Columbia Dept. of Mines: 1970, p. 371.

MAP REFERENCES

Map 886 A, Nicola, (Geol.), Sc. 1":4 miles - accomp. Memoir 249, Geol. Surv. of Canada - 1948.  
Map 5212 G, Mamit Lake, (Aeromag.), Sc. 1":1 mile - 1968.  
\*Map 92 I/SE, Merritt, (Topo.), Sc. 1":2 miles.

DESCRIPTION OF DEPOSIT (continued)

that is similar in type to porphyry found at the Bethlehem mine and at other major prospects in Highland Valley.

REMARKS

For other claims held by Chataway Exploration Co. Ltd., see Ref.: Cu5, Cu 7, Cu 8.

AUG 1972

BCI 92I/SE-10,6Z,18,9Z.