

ATLAS EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BARRARD STREET
VANCOUVER 1, B.C.

PROPERTY EXAMINATIONJACKPINE LAKE MINES

82-E-16

SUMMARY

The Jackpine property was staked over a molybdenum bearing quartz-monzonite porphyry. The molybdenum occurs as coarse crystalline segregations in quartz veins and is reputed to occur in the pluton as well. At the time of my visit to the property, 700 feet of drilling had been completed.

CONCLUSIONS

Difficult to make any as I was not allowed to look at any of the core.

RECOMMENDATIONS

If we are approached for participation it would probably be worthwhile examining the core.

INTRODUCTION

The property lies within 10 miles of the property optioned by Atlas Explorations Limited on Whiterocks Mountain. Only a brief helicopter stop was made on the property as we were met by a man with a gun!!

LOCATION

The property is located on the north shore of Jackpine Lake.

ACCESS

Access is from Westbank or Kelowna via the Bear Lake Road, a distance of approximately 35 miles.

PROPERTY AND OWNERSHIP

The property is owned by Maurice Chaplin of Westbank, Tom and Joe Capozzi of Kelowna and other minor shareholders.

TOPOGRAPHY

The area of the claims is sub-mountainous with high overburden covered hills with scattered outcroppings. The slopes are heavily wooded with spruce and tamarac.

HISTORY OF THE OCCURRENCE

Original discovery made in 1967 by Maurice Chaplin. A limited cat work was done the spring of 1970 preparing the drill sites and trenching. As of June 20, 1970, 700 feet of drilling had been completed.

GENERAL GEOLOGY

The occurrence lies totally within granitic rocks of the coast crystalline complex. The host rock is a medium-grained, foliated occasionally porphyritic biotite-quartz-monzonite. The rock contains numerous white quartz veins but otherwise does not appear to be very altered.

MINERALIZATION

Mineralization appears to be confined to quartz-veins (up to 4" wide) which intrude the quartz-monzonite. Molybdenite occurs as coarsely crystalline blocks irregularly distributed within the quartz-veins. Maurice Chaplin claims that the "moly mineralization is also found in the granite".

COMMENTS

Maurice Chaplin seems to be a highly promotionally-inclined type. He took me "into his confidence" and showed me some of the richest looking moly blobs. "This is going to be the biggest mine in B.C. but whatever you do don't tell anybody in town"

M.E. COATES
August 1, 1970