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REPORT

ON

SUMMER WORK - 1957

IKEDA MINE

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Skeena

MINING DIVISION

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ENGINEER

IKEDA MINE
QUEEN CHARLOTTE ISLANDS, B. C.

SUMMER WORK - 1957

Several years ago St. Eugene Mining Corporation Limited, N.P.L., acquired all of the Crown-granted mineral claims composing the Ikeda Copper property on Ikeda Bay, on the south-east coast of the Queen Charlotte Islands.

Included in this group of claims is the Lily mine from which copper ore was shipped prior to 1920, and the Rose mineral claim on which outcrops a significant magnetite deposit. Other magnetite deposits in the immediate area were shown on an early map prepared by Ikeda Mines Limited.

In March, 1956, a crew, under the direction of J. J. McDougall, staked claims over the ground on which these magnetite deposits were reported, located some of the showings, cut trail, did dip needle work and some short hole diamond drilling with Pack Sack equipment. This was recorded and the claims put in good standing till March 31st, 1958.

In August, 1957, a crew was brought from Tasu to investigate these occurrences further. In establishing camp a frame cabin 14' x 16' was put up on Ikeda Bay. Work on the ground included dip needle surveys, trail cutting and short hole diamond drilling. This work was recorded to maintain twelve of the located claims until March 31, 1959.

The general conclusions from this work are:-

1. The Lily Mine remains an exploration bet for copper and is well protected by Crown-granted claims.
2. The magnetite on the Rose does not appear to extend beyond the limits of the claim, and until or unless production is entertained there is no reason to hold the adjacent claims beyond the present dates of March 31st, 1958 and 1959.
3. None of the other magnetite deposits shown on located claims were found to have any significance, and all of these other claims may be allowed to lapse except as under "4" below.
4. Deposits reported in Iron Ores of Canada, Volume 1 as being on the Spade Flush and Sadie claims of the Thunder Group, were found to be instead on the Thunder claim. This claim should be acquired, and this has been covered in a separate report. In this instance some consideration must be given in 1958 with regard to maintaining or relocating claims adjacent to the Thunder beyond March 31st, 1959. The action to be taken will depend on our attitude towards the Thunder claim at that time.


A map in the pocket shows the location of Crown-granted claims held, located claims retained until March 31st, 1959, and the magnetite outcrops as reported by Ikeda

Mines Limited. Of these magnetite and sulphide outcrops the following observations were made:

- a) The magnetite area shown on what was the Violet claim, east of the Rose, was covered with a dip needle survey with negative results.
- b) The several showings north-east of the Rose and Maple, and south-east of Ikeda Bay, were seen by McDougall, who reports them all to be very small.
- c) The outcrop on what was the Chrysanthemum was described by McDougall in his report of work done in 1956 as being tabular and low grade.
- d) The showing on what was the Peony is a small 'blowout' of high grade magnetite between two creeks less than 100 feet apart. There is no mineral in either creek.
- e) The chalcopyrite-pyrrhotite showing on what was the Lotus is low in copper and much smaller than shown.
- f) The chalcopyrite-magnetite showing on what was the Orange is insignificant in size, and trenching done in the early days showed no extensions.

- g) The chalcopyrite showing in the creek on what was the Snowball could not be found.
- h) The chalcopyrite-magnetite showing on the creek on what was the Buttercup could not be found.
- i) The chalcopyrite-pyrrhotite showing on what was the Tulip was visited by McDougall, who reports a showing of no significance.

Maps showing the detail of dip needle work are in the pocket. It was largely negative and requires no comment.


Chas. M. Campbell Jr.

Vancouver, B. C.

November 21st, 1957