

Property File

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REPORT
OF PRELIMINARY EXAMINATION
OF THE
OTTO GROUP
KASLO, B.C.

To:

Mr. F. R. Weckes, Manager,

Porcupine Goldfields Development & Finance Co. Ltd.

By:

Chas. C. Starr,

October 15, 1926.

INTRODUCTION: A preliminary examination only was made, about an hour being spent on the property.

DISTRICT: Ainsworth Mining Division.

KIND OF MINE: Gold

SUBMITTED BY: J. A. Riddell, Kaslo, B. C.

DATE SUBMITTED: October 1926.

DATA SUBMITTED: Verbal description

PROPERTY: There are three claims located in a row, two of them adjoining the Leviathan group on the south, and adjoining the Hickle King Group on the southeast.

The names of the claims are not known. They are owned by Lingard & Augustine of Kaslo.

LOCATION: The property is directly across Kootenay Lake from Kaslo, at an elevation of approximately 3900 feet, (2150 feet above the Lake) and on the south side of Campbell Creek.

PRICE & TERMS: The price asked is \$5,000 per claim, on terms.

TRANSPORTATION: Present access to the mine is from Kaslo by boat and fair trail about 2 miles long. A comparatively short tram would deliver ore to C. P. Ry. barges on Kootenay Lake.

POWER, WATER, ETC: A fair amount of power could be developed on Campbell Creek within a mile of the property. There is a lack of water convenient for camp use. Good mine timber is plentiful.

EQUIPMENT: There is no equipment.

DEVELOPMENT: On the main vein there is an open cut 30 feet long by 8 feet deep; directly underneath is a tunnel 35 feet long crosscutting to the vein. A short distance below and to the NW there is a cut in massive limestone which shows a few small bunches of galena; ~~in the limestone;~~ this is below the trend of the main vein.

GEOLOGY: The country rock consists of schists and limestones which strike NNW and dip 35° SW.

A shear zone of considerable but unknown width, parallel to the stratification, has been mineralized with pyrite and a little gold, and forms the vein, or ore zone. This shear zone can be traced through all three claims and into the Nickle King Group by the redish discoloration of the soil.

In the open cut over the tunnel the vein or ore zone, has been opened for a width of 12 feet, and consists of a soft gossan of limonite with some remaining pyritic streaks. The tunnel does not encounter the vein-zone until nearly to the face; here there is a fair concentration of pyrite on the footwall.

SAMPLING: Three samples were taken as follows:-

No.	Oz. Au.	Oz. Ag.	Remarks.
523	.08	.9	Residual pyritic streak in Cut; 3 ft. wide.
524	.04	.3	Vein over portal of tunnel - partly oxidised.
525	Tr	.2	Best part of face of tunnel.

CONCLUSION: On account of the small amount of work done and the covering of soil little can be learned. That little indicates that the shearing and pyritization is strong and persistent. There is, however, no evidence of any ore in the zone, and the property appears to be of no value.

Respectfully submitted,

Chas. C. Starr