

Property File

002301

082F NW 101

NOTES OF INSPECTION
of the
INDEX MINE,
KASLO, B.C.

For Metals Recovery, Ltd.

By Chas. C. Starr,

May 23, 1927.

LOCATION:

The Index Mine is situated on the South Fork of Kaslo Creek, ten miles southeasterly from Zwicky station, at an elevation of about 4500 feet.

It is in the Ainsworth Mining Division of the West Kootenay District. The road connecting with Zwicky is in good condition, though subject to closing by snowslides in the winter.

PROPERTY:

The property consists of the Helen, Birthday, and B. H. claims, which are held under location by M. S. Davys of Kaslo, and others. These claims are relocations of the Index, Metropolitan, and Metropolitan Fraction. They adjoin the Silver Bear group on the south.

GENERAL CONDITIONS:

There is some timber, though not plentiful. Desmond Creek crosses the property and was used by a former company to develop power; it is well situated for developing small amounts of power for the mine with a minimum of labor and equipment.

There is very little equipment now on the property except buildings, of which there are several good ones.

DEVELOPMENT:

The principal development consists of three tunnels; no maps were available and no survey was made during this inspection, so the following description is very rough.

The upper tunnel probably has an over-all length of 150 feet, with some side crosscuts and drifts; I should estimate that some 75 feet of work has been done on the vein, and a small area has been stoped.

The Middle tunnel consists of a crosscut about 150 feet long, about an equal amount of drifting on the vein, and a long crosscut driven to prospect the slate-granite contact. It is connected to the upper tunnel by a raise on the vein.

The Lower tunnel is a straight crosscut some five or six hundred feet long, but does not appear to be long enough to have reached the expected position of the vein.

There is a difference of elevation of some 90 feet between the Upper and Middle tunnels, and probably about 200 feet between the Middle and Lower tunnels.

GEOLOGY & VEIN;

The claims cover a contact between the slates and impure limestones of the Slocan Series and intrusive granite, and also show several tongues of granite pushed

into the slates.

The vein lies in the slates, more or less parallel to the granite contact; it strikes a little west of north and dips 45° , more or less, easterly into the hill. It varies from a mere stringer up to three feet or more in width and is quite irregular. The ore consists of pyrite, galena, and zinc blende in quartz, and seems to be quite "spotty". In the Middle tunnel a little stoping has been done on a small vein that intersects the main vein on the dip, but there has been no stoping on the main vein itself, which appears to be too low grade to pay.

CONCLUSION:

The vein is generally small and low grade and does not appear to follow any strong fissure. It is doubtful, therefore, if it will have any great extent, either laterally or vertically. The work already done in the two upper tunnels has apparently not developed sufficient ore to nearly pay for the cost of the work, and I see nothing to indicate better prospects for the future. Although it is entirely probable that small bunches of ore would be found in further work, the cost of finding them would be out of proportion to the returns to be expected, and I cannot recommend that any further work be done.

Respectfully submitted,

Chas. C. Starr