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REPORT
OF PRELIMINARY EXAMINATION
OF THE
CITY OF PARIS MINE
GRAND FORKS, B. C.

To:

Mr. F. R. Weekes, Manager,
Porcupine Goldfields Development & Finance Co. Ltd.

By:

Chas. C. Starr,

November 3, 1926.

INTRODUCTION: Two days were spent on the property. It was evident that the mine was of little value as a producer of shipping ore but that its value depended on the grade of the large width of reported concentrating ore, and sufficient sampling was done to test this in a preliminary way.

DISTRICT: Grand Forks Mining Division.

KIND OF MINE: Gold, copper, and silver, with lead and zinc in the high grade streaks.

SUBMITTED BY: William Cowans, Grand Forks, B. C.

DATE SUBMITTED: October 25, 1926.

DATA SUBMITTED: Report of Minister of Mines for 1899, and sketch.

PROPERTY: City of Paris and Lincoln, Crown Granted claims.

LOCATION: The property is situated eight miles in an airline WSW from Grand Forks, and half a mile north of the International Boundary, at the head of Koomoo Creek. It is at the old Central Camp, at an elevation of 4150 feet.

PRICE & TERMS: No definite price was given, but it was stated that the price would not be excessive and that ample time would be allowed.

TRANSPORTATION: The property is connected with the railroad by a steep and crooked road about ten miles long. In an airline the distance to the railway is probably about four miles.

POWER, WATER, ETC: There is domestic water a short distance from the camp, but none sufficient for power near by. Commercial power lines are available within about five miles.

There is little mining timber on the property, but it may be obtained nearby.

EQUIPMENT: The property was once well equipped, but at the present time scarcely any of the equipment is usable.

DEVELOPMENT: The principal development consists of a tunnel which cuts the vein about 230 feet vertically below the outcrop. The main crosscut is 800 feet long; a drift extends 600 feet to the NW, to a cave, and from it there are crosscuts to the southwest totaling 360 feet, as well as two raises and a winze of unknown length; all on the vein except parts of the crosscuts which have penetrated through it.

To the SE, the main drift extends for 540 feet but a large part of it is in country rock. From this drift there are 270 feet of crosscuts and secondary drifts on the vein, amounting to 200 feet; also several raises.

A working winze has been sunk from the main crosscut in the hanging wall of the vein to an unknown depth.

It is not known whether the tunnel level was once connected with the surface along the vein or not.

On the surface there are numerous open cuts, several shafts, and small stopes which have come to the surface. All of these are now caved and inaccessible.

GEOLOGY: The property is situated near a contact of Paleozoic serpentines with gneisses and crystalline schists. This contact coincides with the vein in strike and dip, - NNW and 45° NE.

The serpentines are altered from basic dikes.

The outcrop is composed of quartz lenses and stringers in altered and silicified limey schists, and lies a short distance in the foot of the serpentines. The ores formerly shipped apparently came from the lenses of quartz which were generally narrow and of small extent, although a gross production of over \$300,000 is recorded. The outcrop is

tracable over a thousand feet.

In the tunnel, the NW drift follows along the hanging wall of the vein, which is well defined and carries a small gouge, with occasionally small lenses of high grade quartz. There is no definite footwall, but the mineralization gradually weakens; it is fair to give the width of the vein as from 30 to 70 feet, measured horizontally.

The caving at the northwest end of the drift is caused by a fault, which also shows in the last crosscut, and displaces the vein an unknown distance.

In the workings to the SE of the main crosscut there has been some faulting and both the vein and the country rock are considerably broken. Time was not taken to study this faulting in detail but it is apparently small. The ore shipped in this part of the mine is said to have been better than to the NW, but the vein as a whole is badly mixed and hard to follow.

Considerable mineralization occurs in the main crosscut, in the hanging wall of the vein, but does not appear to be of much consequence.

The shipping ore consists of stringers of white quartz, containing pyrite, pyrrhotite, magnetite, chalcopyrite, galena and sphalerite, but is generally lacking. Toward the foot from this, there is a limey schist containing disseminated pyrite, with a little chalcopyrite and magnetite forming the so-called milling ore.

SAMPLING: Ten moiled samples were taken from the main crosscut, and the first and second crosscuts to the NW, covering horizontal widths of 10 feet, 28.6 feet, and 51.2 feet respectively.

The highest of these samples assayed .04 Au., 1.2 Ag., 0.3% Cu., and the average of all of them about half as much.

A grab of the muck taken from the winze in the NW drift contains the usual schist with a small amount of the higher grade quartz, and assays .08 Oz. Au., 2.5 Oz. Ag., 3.9% Cu., 1.2% Pb., 0.4% Zn.

A grab sample of the best looking dump from the tunnel is very low, checking fairly with the crosscut samples.

A sample of several small piles of ore on the dumps assayed .16 Oz. Au., 11.8 Oz. Ag., 0.75% Cu., 8.7% Pb., 2.0% Zn.

CONCLUSION:

The location of the property is not bad; the vein is large and strong and its physical conditions are good for cheap mining and concentration, so that a very low grade ore should be workable at a profit.

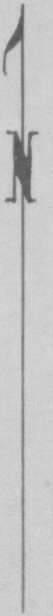
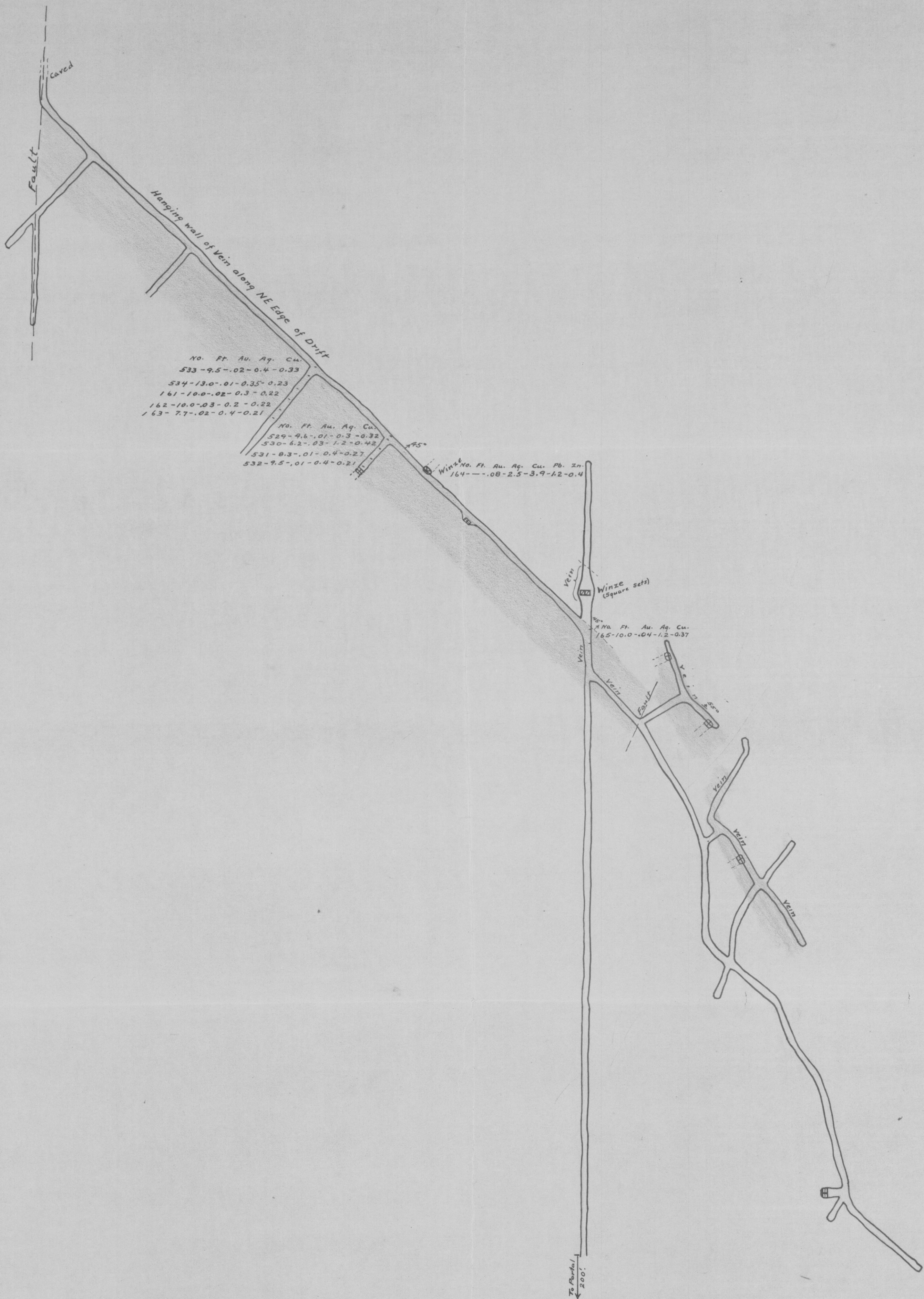
The preliminary sampling indicates that the average value will be little over \$1 per ton, which is of course not workable, and it is quite apparent that it would be impossible to carry a narrower width of higher grade ore of milling grade.

The rich quartz stringers are too narrow and limited.

The mine therefore appears to be of no value.

Respectfully submitted,

Chas. C. Starr



SKETCH OF
CITY OF PARIS MINE
GRAND FORKS, B.C.
SCALE: 1" = 50'

THIS MAP APPROXIMATE, ONLY.

