

Starr

Property File

082FNE 049

001816

REPORT
OF PRELIMINARY EXAMINATION
OF THE
LEVIATHAN GROUP

KASLO, B. C.

To:

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

By:

Chas. C. Starr,
October 15, 1926.

INTRODUCTION: The following notes were gained from an inspection covering two or three hours.

DISTRICT: Ainsworth Mining Division.

KIND OF MINE: Gold

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

DATE SUBMITTED: August 1926.

DATA SUBMITTED: Verbal description and specimens of the ore.

PROPERTY: Five claims located in a row; the Shark, Leviathan, Ashnola, Comstock, and Peterboro. They are owned by J. D. Moore and J. Spiers of Kaslo.

LOCATION: The property is directly across Kootenay Lake from Kaslo, at an elevation of approximately 3700 feet (1950 feet above the lake) and on the south side of Campbell Creek.

PRICE & TERMS: The price is \$50,000; \$5000 in one year, \$10,000 in two years, and \$35,000 in three years.

TRANSPORTATION: Present access to the mine is from Kaslo by boat and fair trail 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 from Campbell Creek, near the property. There is a limited amount of water for domestic use, and a fair amount of timber.

EQUIPMENT: There is no equipment, the camp having been burned recently.

DEVELOPMENT: The principal development is a 390 foot tunnel of which 325 feet is a diagonal crosscut, and 65 feet a drift. There is also a 20 foot tunnel four or five hundred feet west, and about a hundred feet lower.

On the Peterboro claim (3500 feet east) there is a large open cut.

GEOLOGY:

The country rocks consist of limestones, schists, and quartzites. They strike N-W and dip 30 to 40° south.

Along a broad zone parallel, or nearly parallel, to the strike and dip there has been shearing and impregnation with pyrite and gold over a horizontal width of 75 or a hundred feet. This shear forms the ore-bearing zone.

Occasional small granite dikes cut the shear zone parallel to its strike, but with a vertical dip.

The Main Tunnel starts in limey schist which contains sparsely disseminated fine pyrite with little or no quartz, and continues in schists and thin bedded limestones to the breast. All of the rock shows some pyrite, and there are small stringers and beds in which it is more concentrated; no one part of the workings seems substantially better than any other.

The lower tunnel has an entirely similar showing at and near the face, but there is nearly barren schist at the portal.

The large cut on the Peterboro claim has a similar showing except that it is in a decomposed limestone and there is a somewhat greater amount of iron.

The shear zone is traceable through all the five claims.

ORE VALUES: Two samples were taken at the Main Tunnel, as follows:-

No.	Oz Au.	Oz Ag.	Remarks.
521	.03	.2	Specimens- strong pyrite from dump
522	.03	.2	Average grab of dump ore.

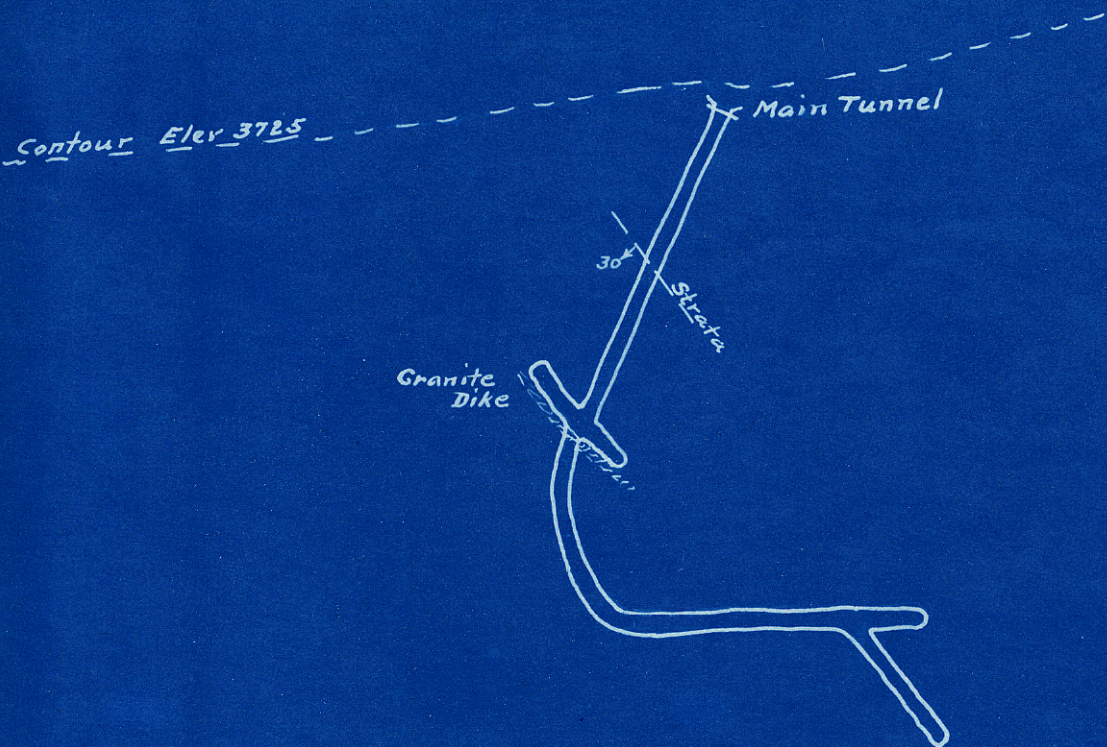
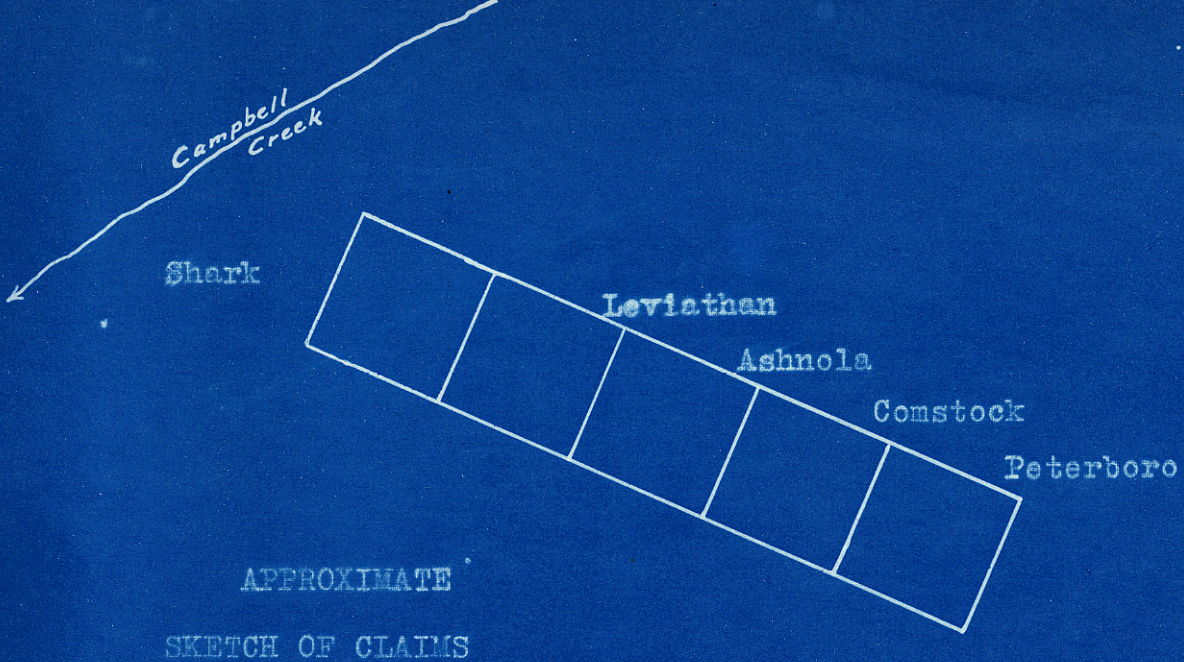
Presumably authentic reports, received after the examination, state that a careful sampling shows similar

average values.

CONCLUSION: The shear zone is broad and continuous for considerable distances; it contains a quite persistent dissemination of pyrite, and has all the requisites of a cheaply worked mine except the necessary ore. Apparently there has been no ore found except in a few high grade specimens. The property may be dismissed from consideration.

Respectfully submitted,

Chas. C. Starr



SKETCH OF MAIN TUNNEL

LEVIATHAN CLAIM

KASLO, B. C.

Scale: 1" = 50'