

Property File

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REPORT OF PRELIMINARY EXAMINATION
OF THE
PROPERTY OF THE GRAND FORKS MINING SYNDICATE
(Old English & French Mine)
GRAND FORKS, B. C.

To:

Mr. F. R. Weekes, Manager,

Porcupine Goldfields Development & Finance Co. Ltd.

By:

Chas. C. Starr.

November 16, 1926.

NAME OF PROPERTY: Grand Forks Mining Syndicate
(Formerly known as the English & French Mine)

DISTRICT: Grand Forks Mining Division.

KIND OF MINE: Silver, lead and zinc, with a little gold and
copper.

SUBMITTED BY: P/ A. Peterson, Grand Forks, B. C.

DATE SUBMITTED: November 15, 1926.

DATA SUBMITTED: Verbal description.

PROPERTY: The property consists of five claims, of which
three are Crown Granted. The principal work has been
done on the Bonanza claim. The owners are a syndicate
of local men.

LOCATION: The property is nine miles by highway north of
town, on the North Fork of the Kettle river, and is not
over a quarter of a mile from a branch of the railway.

PRICE & TERMS: The price asked is \$50,000 of which 10% is
payable in one year, and the remainder in two and three
years.

TRANSPORTATION: The location is almost ideal as regards
transportation.

POWER, WATER, ETC: There is no available water power, but the
distance from electric power lines is not great. There
is an abundance of water for camp use, and a fair
amount of timber.

EQUIPMENT: There is no equipment except for two men at hand
mining.

DEVELOPMENT: The old workings consist of a 50 foot tunnel,
from which a winze has been sunk to an unknown depth;
it is caved at the 20 foot point. There are also
several open cuts.

The newer workings consist of a crosscut tunnel about 120 feet long, from which a drift on the vein runs N 45 E about 40 feet.

GEOLOGY: The Country rocks are highly altered quartzites, limestones, schists, etc., which have been cut by diorite and greenstone dikes. The sedimentaries have been much silicified and fractured.

VEINS & ORE: There are at least two veins on the property.

The one on which the older work has been done strikes ESE and dips steeply to the eastward. It varies from 2" to 2' in width. There is no ore showing except a few small bunches of pyrite and chalcopyrite, near the winze, which seem to occur in gashes and joints in the rock.

The other vein was encountered in the new (lower) tunnel at 40 feet, from the surface and at the edge of bed-rock. The tunnel then passes through more or less mineralized material for 30 feet. There is, as yet, no definite dip and strike to the mineralized zone, although there is a suggestion of a northeast strike and dip to the southeast; no definite walls have been found.

The ore is a mixture of sphalerite, galena and pyrite in a dark silicified rock, associated with diorite; it occurs in irregular bunches and as slight impregnations of the rock; the average value across the ore-zone is evidently extremely low.

Three samples, said to have been taken by Mr. Galloway, Provincial Mineralogist, are as follows:- 4 ft. at face of drift

	Am oz.	Ag oz.	% Pb	% zn.
Dump from drift	.06	3.0	0.5	5.0
High grade ore	.14	34.4	16.0	23.5

One shipment of 28 tons was made, which barely paid expenses, partly on account of the penalty for zinc.

CONCLUSION: The "aww" vein probably justifies a little further exploration by the owners, although it is probable that the ore is a more or less isolated bunch and will not amount to anything. There are not, however, sufficiently good prospects of developing the property into a mine to make it attractive to a company, especially as very little depth can be attained in the tunnel.

Respectfully submitted,

Chas. C. Star