

COBALT AND PORCUPINE

Beaver.

A development of more than ordinary significance to the Cobalt Camp as a whole has taken place during the past couple of weeks in the discovery of a series of veins on the Beaver property at a depth of 1,600 ft., the greatest depth at which mining operations have been carried on in the camp.

In driving a crosscut from the Beaver to the Temiskaming, who are also sinking a shaft to the same depth, an eight inch vein of high grade silver, containing approximately 2,000 ounces to the ton was encountered, and the wall rock for three or four feet on each side of the vein contains excellent values in high grade milling ore.

It is said that since the discovery of this vein two weeks ago three small stringers have also been encountered, which leads to the conclusion that there is a series of these veins.

When it is realized that after cutting through the thousand foot diabase sill on the Beaver the same zone as exists in the Cobalt camp on the surface near Cobalt Lake is encountered, the importance of the new development to the Beaver will be readily seen. The company is actively pushing development work on the new finds and much interest is evinced in the work, which is considered to be the commencement of a new era in mining in the southern portion of the camp, where the success of the Beaver will no doubt lead to the opening up of other properties.

Customs Mill for Kirkland Lake.

It is unofficially stated here that the Dominion Reduction Company will enter the Kirkland Lake field in the near future and erect a customs mill for the treatment of gold ores. This move will be welcomed by a number of the properties in the district, as it would assist them to become producers quicker than would otherwise be possible.

Among the properties that are at present developing and will soon be in need of milling facilities might be mentioned the Kirkland Lake, Lake Shore, Wright-Hargraves, Sylvanite, Orr, and Hunton.

When it was announced that the Dominion Reduction would enter the Kirkland Lake camp, it was also rumored that the Lake Shore mine would cancel their order for a mill. The natural location for a mill would be in close proximity to this property, hence the opportunity of foregoing the installation of a mill was said to be welcomed by the company.

Mr. Eugene Steindler, president of the Dominion Reduction is in New York at the present time, where he is understood to be formulating plans for the early commencement of the work.

Two mines in this district have already installed mills; the Tough-Oakes, which has been in operation for a number of years and is the pioneer mine of the district, and the Teck-Hughes.

It is a good commendation of the future of the Kirkland Lake camp that the Northern Ontario Light & Power Company is expending the sum of \$300,000 in constructing the power line to the camp, a distance of sixty-five miles. Owing to the prevailing war conditions this company has had to deal with many handicaps in the way of slow delivery of plant and equipment, however it will only be a short time now until everything is working smoothly, and Kirkland Lake should soon forge ahead as one of the great mining camps of the North.

Crown Reserve.

The discovery of a four inch vein of high grade is reported at the Crown Reserve mine. This will come as a surprise to the shareholders, who were informed at the annual meeting of the company in Montreal recently that the outlook for this property was very poor and that unless new orebodies were discovered it was only a matter of a short time until they would have to discontinue operations. The new find is on the 700-foot level, and with the excellent results being obtained at depth on the Beaver it is expected that the Crown Reserve will push development as rapidly as possible. It would not be surprising if they opened up a large body of paying ore at this new working.

Ophir.

So far nothing of great importance has been encountered in the work being done at the Ophir property which is being worked from the shaft on the People's Mining Company's property. Drifting is being continued on a strong calcite vein but up to the time of writing commercial values have not been encountered.

National Mines.

The National Mines, Cobalt, (formerly the King Edward) is crosscutting to the contact at the 1,000 foot level of the mine, in the hope of encountering a strong silver vein which is running in the direction of their property from the O'Brien mine, at a slope which if it continues to the King Edward should be encountered at this depth on the National property. The company has recently installed a small oil flotation plant and will treat the ore and tailings from the dump. This can be accomplished with a very fair margin of profit.

Flotation at Coniagas.

The Callow oil flotation process was put in operation at the Coniagas mine on Monday night of this week, and marks another step forward in the career of this famous mine.

The Coniagas is at present treating from 250 to 300 tons of ore daily in the 60-stamp mill and will be able to handle an additional one hundred and fifty tons of tailings from the huge sand pile which has accumulated on the property and is said to contain an average of five ounces of silver to the ton.

By the new oil process it will be possible to recover approximately three ounces of silver from these tailings. This, at the present price of the metal will net the company around \$9,000 per month, and will lengthen the life of the mine considerably.

SILVER PRICES.

		New York, cents.	London, pence.
January	20.....	76 3/8	37 1/4
"	22.....	76 1/8	37
"	23.....	76 1/2	37 3/8
"	24.....	76 1/2	37 3/8
"	25.....	76 1/2	37 3/8
"	26.....	77	37 3/8
"	27.....	76 3/8	37 1/4
"	29.....	76 3/8	37 1/4
"	30.....	76 3/4	37 3/8
"	31.....	76 3/4	37 3/8
February	1.....	76 3/4	37 3/8
"	2.....	76 3/4	37 3/8
"	3.....	76 3/4	37 3/8
"	5.....	76 3/8	37 3/8