

Dome Extension.

Exploration work on the Dome Extension at Porcupine is still being carried on by the Dome Mines Co., which has an option on the stock of the former company. The work is being conducted in a drift at the 600-ft. level of the Dome Extension where a diamond drilling machine has been set up. The length of the drift from the main shaft of the Dome to where the drilling is going on is about 200 feet. It is the intention of the company to sink a hole 1,400 feet deep from the 600-ft. level. The sinking of this hole will help determine the prospects of finding ore at depth on the property, and the results will be watched with keen interest.

Dome Lake.

Ore of a good grade is being opened up in a winze which has been sunk 80 feet from the 400-ft. level of the Dome Lake mine and drifting operations are now being carried on. At the point now reached the vein is carrying a good grade of milling ore and is the full width of the drift. The company recently increased the pay of their men 25 cents per day, which brings the wages paid at this property on a par with that obtaining at the McIntyre and Dome mines. About forty men are employed at the Dome Lake.

Hayden.

Arrangements are being made to explore the Hayden Mining Company's property at Porcupine by diamond drilling. Mr. Wm. Shovel has resigned from the management of the mine and at the present time mining operations are practically suspended.

Davidson.

A number of diamond drills are at present working on the Davidson Mining Company's property at Porcupine and excellent results are being obtained. Results obtained in a drill hole sunk from the 400-ft. level of the mine were so encouraging that four other drill holes have been sunk from the 300-ft. level of the mine. In two of these new holes orebodies were encountered. One of these drill holes will penetrate the ground to a depth of 1,200 feet.

Teck-Hughes.

The grade of ore being treated by the new 80-ton mill recently installed by the Teck-Hughes at Kirkland Lake ranges around \$7 to the ton. So far the only ore treated in the mill has come from development work. Later on an effort will be made to establish the average grade of the mine and it is anticipated that the mill heads will be considerably increased when this is done. Orebodies on the property run all the way from a few feet in width to forty feet of ore and as about four thousand feet of underground development has been accomplished, a large tonnage of milling ore has been blocked out. It has been found that the values increase with depth, and the future of the property is considered very promising.

Elliott-Kirkland.

The shaft at the Elliott-Kirkland mine at Kirkland Lake is being driven to the 300-ft. level. At the 100-ft. level a crosscut was run to tap the vein which is an extension of the Kirkland Lake gold vein, and where encountered the values were not very high; however, this was expected as consistent values did not come in at the neighboring property until the 300-ft. level was reached. Two drills are working on the sinking of the shaft and it is expected the work will be completed within the next three months. The shaft is now down a depth of 190 feet.

Croesus.

The new ball mill at the Croesus mine in Munro township is now in operation and the production of gold bullion from this remarkably rich property has commenced. Outside of the old mill of the Gold Pyramid which was burned last summer the Croesus is the first mill to operate in the Munro district. The mill has a capacity of about fifty tons a day, the process used being amalgamation and concentration of sulphides. The concentrates will be stored for future treatment. There is a large amount of high grade milling ore on the dump, which it is estimated will run about forty dollars to the ton, and it is safe to say that the Croesus mill heads will be the highest of any mine operating in Northern Ontario.

Matachewan.

Favorable reports concerning prospect work being carried on in the Fort Matachewan district continue to come in. The formation of the rock is very similar to that of the Kirkland Lake district. On the Otisse claims in Powell township free gold has been found in a large dyke. Work on the Davidson claims is also being energetically prosecuted with very satisfactory results.

Minaker-Kirkland.

Further work is proceeding on the new vein encountered on the Minaker-Kirkland property at Kirkland Lake. The vein has been opened up for over a hundred feet and two pits have been sunk, in which the vein was found to widen considerably, and the values have also increased. Development work is being vigorously prosecuted. Power has been arranged for from the Lakeshore mine and it is the intention of the company to immediately proceed with the sinking of a shaft.

Lakeshore.

Development work on the new vein recently discovered at the 200-ft. level of the Lakeshore mine at Kirkland Lake is proceeding and very encouraging results are being encountered and it is said the new vein is one of the most important and spectacular finds made in the north country for many months. Where encountered first the crosscut ran through two wide veins of comparatively low grade ore. Drifting in a westerly direction was started on one of these veins. About 250 feet of drifting has been done and the grade of ore for half this distance is said to average about \$40 to the ton. However, at the present point of working the orebody has widened out to forty feet. It consists of four parallel veins carrying free gold and tellurides. The north wall has been established, but the south wall is still in good ore and it is believed the whole forty feet will average a good grade of milling ore. A considerable amount of high grade ore is already on the dump and with the one thousand tons already there from previous operations on other veins in the mine, there is a considerable tonnage of ore awaiting the completion of the installation of the new 80-ton mill, machinery for which is beginning to arrive at the property.

Gold Discovery in McElroy.

A discovery of gold of more or less importance has been made on a group of claims situated in McElroy township about three miles from Boston Creek station. The find is said to have been made on a comparatively wide vein which shows free gold and tellurides. The claims belong to Haileybury people, and are about three-fourths of a mile northeast from the Boston Gold Leaf property.