

diamond drilling in the Porcupine camp. Mr. Thomson exhibited some carefully compiled charts on the work at the Pearl Lake mines, prefacing his remarks with the statement that he did not regard any conclusions arrived at as accurate but only approximate. Messrs. Stewart Thorne and H. Y. Russell, took a strong position against diamond drilling. In a paper read by Mr. Thorne, Porcupine, was placed last on the list as an area where the results of diamond drilling was of value. Results obtained in the Porcupine section as a whole did not justify the expense involved. In the course of discussion Mr. Globe, of the Hollinger, stated that in relocating a vein that had been lost the diamond drill had been quite successful with them. While not combating in its entirety the contention of the critics, Capt. Anchor, of the Dome Extension, stated that he believed the diamond drill was economical in low ground covered with heavy overburden and adjacent to a known ore body.

It has been announced that on March 11 the T. & N. O. service will be continued to Timmins Townsite, a local meeting the afternoon train and taking out passengers to their destination. An agent has already been appointed for the Schumacher station. Until further ballasting can be done in the spring it will be impossible to give a Pullman service farther than South Porcupine.

A shot drill is now at work on the Wright Hargreaves claims at Swastika, which have been optioned to Weldy Young, of Haileybury.

At the McEnaney property of the Crown Reserve the ore body first struck in the shaft is now being drifted upon at both the hundred and the 200-foot levels. It shows a considerable amount of gold, but its values are mainly in fine grained sulphides. The ore runs between \$20 and \$30 to the ton.

The shaft at the Rea mine has now reached the 400-foot level and crosscutting for the vein will commence at once. The result will be looked for with a great deal of interest. At the 200-foot level, and at the 100-foot there was a good body of \$20 ore, but at the 300-foot level while the vein was much wider it was so lean as to offer little promise of mining at a profit. The results obtained at the 400-foot level will decide to a very considerable extent the future of the mine.

Results at the lower levels of the Swastika have been reassuring enough lately to permit of the erection of a small mill. Plans and specifications are now being obtained for a ten-stamp plant. The old five stamp plant previously used was so ancient that it had to be altogether discarded.

Cobalt, Gowganda and South Lorrain. — After a sharp assault the opponents of the Cartwright regime in the Temiskaming Mining Company had to acknowledge defeat at the annual meeting. The great stumbling block to agreement was the option on the North Dome property in Porcupine, but the majority interests were stubborn on this point and successfully held to their new acquisition.

What appears now to be the most important event in the history of the West Ridge properties for years has been the discovery that the Coniagas is getting silver in considerable quantities out of the Keewatin rock in a vein followed beyond the contact with the conglomerate. So well established has it been that values would cease in the underlying Keewatin that exploration has ceased altogether or has been of a very half-hearted nature when the contact was reached so that the new find opens up important possibilities. The discovery was the result of an accident to the drill-runner following the vein into the Keewatin for some distance after the contact had been reached and without the mine captain's knowledge. The shots revealed such good ore that the vein has been followed and for a hundred feet has held strong, a carload of high-grade ore being taken out of it. That other companies in a similar position will now be induced to further explore their Keewatin is certain, and it will be very interesting to learn what the results of their efforts are.

Another Cobalt company has sought alien ore reserves. The Right of Way has purchased an option to the Bishop claims in the Silver Mountain district of the Port Arthur. A considerable gang of men will be at once put on the property and systematic prospecting started.

In the South Lorrain field there are spring stirrings. The Wettlaufer, which has just declared its fifth dividend of 5 per cent., has taken an option on the Keeley and bought all the adjoining properties that could be economically acquired. Development will be confined to the diabase at the Keeley. The Bellellen mine, the only other producing property last year, has shut down owing to a split on the directorate of the company. The Alice Lorrain is to instal a six-drill plant and the Gailey property is opening up again.

The Dr. Reddick Larder Lake Mining Company has made an assignment, the assignee being D. Smiley Sawyer, a brother of the president of the company, Bannell Sawyer. During the past six months an honest attempt was made to work the mine at a profit and it was producing regularly, but the weight of its indebtedness has dragged it down to insolvency.

It is understood that the Canadian Gowganda Company will this spring instal a considerable plant at the mine. The Canadian Gowganda found a small pocket of high-grade ore, took it out and shut down till it could resume operations on a larger scale.

At Gowganda there are signs of a slight revival. The Mann on the West Ridge is taking out some remarkable ore from an old open cut and an American company has acquired the O'Brien property and the Burke Remy claims with a view to development this year. The Temiskaming and Hudson Bay Company is taking in a large supply of provisions for operations at its property at Hangingstone Lake, and the Powerful Mining Company is producing good ore from its property at Calcite Lake. The Miller Lake O'Brien is making a shipment of high-grade ore every six weeks, and the Millerett is despatching concentrates and mine ore at regular intervals. The camp is now in urgent need of \$27,000 from the Government to patch up the road between Elk Lake and Gowganda. The mine managers state that if this money were economically spent it would be sufficient to cut down freight rates from \$30 a ton to \$10.

BRITISH COLUMBIA.

Two months of the New Year have passed, and now that the worst of the winter weather is over the opinion that mining activity will be general is being confirmed.

In East Kootenay, the largest production of ore from the metal mines may be expected from the Sullivan Group mine, near Marysville, which is controlled by the Consolidated Mining and Smelting Company, and at which much new machinery and plant was added to the mine equipment last year. A comparatively small production of lead concentrate may be expected from the St. Eugene, while the Aurora and Society Girl are also likely to ship some ore. It is hardly probable the construction of the Kootenay Central Railway will be sufficiently advanced to induce the owners of mines in Windermere division to resume production this year. Some notes on the Monarch mine, in North-east Kootenay are given below. Coal mining should be on a larger scale than in earlier years, provided no interruption shall take place to restrict output.

In West Kootenay the outlook is promising in Ainsworth, Slocan, Nelson, and Trail Creek divisions. Among the operating mines in Ainsworth division are the No. 1 and Tiger, which the Consolidated Company is working; those of the Mabry Syndicate and Silver Hoard Company, respectively; Mr. A. D. Wheeler's Gallagher mine; and the Krao Group, owned by a company having its headquarters in Butte, Montana. The Blue Bell is again being worked after more than a year's inactivity, while the Utica and the properties of The Deep Mine, Ltd., and Retalack