

aggerated. The public has been invited to buy shares in a company which has control of valuable property; but which has a large capitalization. It is as yet an exploratory and development company rather than a mining company.

The critics should bear in mind that the properties have been as yet only slightly explored. The one vein which has been developed to any extent has proven remarkably rich. There are other veins which are regarded by the former owners as very promising.

A real basis for criticism is to be found in the optimistic advertisements published by the company. There is confusion of probabilities and actualities. The advertisements are likely to give the public a false impression.

There is every indication that the Tough-Oakes property will be an important producer of gold when developed and equipped. There is a good chance of neighboring properties proving up well. It is fortunate for the district that a strong company has been formed to explore and develop the properties. Investors should, however, be advised of the fact that the actual value of the ore blocked out is small in comparison with the price of shares.

Those who are willing to assume the risks of the venture, knowing the facts, need no guardian. Mining men will distinguish between ore reserves and "probable" and "possible" ore. They will examine the properties themselves, or have them examined, before investing large amounts. There are many who are willing to take the risks. It will be unfortunate if stock is purchased by anyone who is under the impression that the company's properties have been very extensively explored or that there are as yet any large producing mines in the Kirkland Lake district. There is one rich little ore body which may prove on further development to be a large one. Concerning the value of other deposits very little is yet known.

Ontario has in the Kirkland Lake district an important addition to the known mineral resources of the Province. The development of the district is greatly to be desired. The prospects are good. It is to be hoped that those who do not understand the risks, the very great chance of many of the deposits proving unprofitable after money has been expended on them, will leave the development to those who do understand the conditions and who, understanding, are willing to take a chance.

## INCREASED PRODUCTION AT THE DOME

During the past few months the production of the Dome mill has been very considerably increased. The plant was designed to treat about 350 tons; but, without increasing the number of stamps, the mill superintendent has raised the output to over 450 tons. The results obtained are very creditable to Mr. W. F. Battersby, who has been in the employ of the company since the beginning of the operations, and who was appointed mill superintendent last fall.

## HOLLINGER GOLD MINES REPORT

The third annual report of Hollinger Gold Mines, Limited, has been issued, and extracts from it will be found in this issue of the Journal. The main facts as to production, costs and profits have been given throughout the year in four-weekly statements. In the annual report the facts given in these periodical reports are summarized and commented upon. Much other interesting information, including maps of the mine workings and estimates of ore reserves is given.

It will be recalled that in November, 1912, there occurred a strike among the miners at the Hollinger, and that the mine was operated under adverse conditions for some months. While the strike was ill-advised and unsuccessful, the company suffered considerably from the conditions brought about by the agitators. The general manager reports, however, that the final result has proven satisfactory, as the new men who displaced the strikers are doing better work than did the dissatisfied miners. The tonnage now being mined per man is greater than before the strike.

Throughout the year there has been a gradual improvement in the total costs per ton.

Mr. Robbins shows that successful results have been obtained in treating the ore. He intimates that the company is still considering the advisability of using a continuous decantation process, and states that the mill is now being extended to permit of a larger tonnage being treated.

The report is accompanied by plans of each of the four levels and by stope sections of several of the veins, and is of such a character as to give the shareholders a good idea of the condition of the property, of what has been done and of what may be expected. It is a credit to the directors and to the general manager.

## CANADIAN MINING INSTITUTE.

The following nominations have been received for offices falling vacant at the close of the annual meeting 1914:

For President:

Mr. G. G. S. Lindsey, Toronto, Ont.

For Vice-President:

Mr. Chas. Fergie, Montreal, Que.

Mr. W. F. Sutton, Victoria, B.C.

For Councillors:

Mr. D. B. Dowling, Ottawa, Ont.

Mr. Norman R. Fisher, Cobalt, Ont.

Mr. John E. Hardman, Montreal, Que.

Mr. W. S. Johnson, Montreal, Que.

Mr. J. J. Penhale, Sherbrooke, Que.

Mr. M. E. Purecell, Rossland, B.C.

Mr. J. W. Pyke, Montreal, Que.

Mr. C. E. Smith, Toronto, Ont.

Mr. P. A. Robbins, Porcupine, Ont.

Mr. O. E. S. Whiteside, Coleman, Alta.

Council 1914.

The Council during the year 1914 will be constituted, therefore, as follows:

Past Presidents:

Dr. W. G. Miller, Toronto, Ont.

Dr. F. D. Adams, Montreal, Que.

Dr. A. E. Barlow, Montreal, Que.