

tensive ore body has been opened up down to the 300-foot level, ore from these workings having been treated in the mill since the commencement of milling operations.

Mr. P. A. Robbins, managing director of the Hollinger-Consolidated Gold Mines, has joined the forces of the American Engineers for overseas service, and left recently for California, where his family will reside until his return from overseas. Mr. Robbins was general manager of the Hollinger all through its early development, and indeed, up until seven months ago, at which time he became managing director, to be succeeded by Mr. Brigham as general manager. To the former general manager is due in a large measure the present satisfactory condition of the Hollinger-Consolidated. Besides his extensive mining activities, Mr. Robbins found much time to devote to municipal affairs in the town of Timmins and will be greatly missed in this respect as well as by Northern Ontario mining men generally.

A carload of concentrates resulting from the operation of the new Peterson Lake Mill was among the list of shipments from the Cobalt camp for the past week, the material going to the Globe smelter at Denver, Colorado. Mr. C. A. Filteau, manager of the National Mines, was appointed manager of the Peterson Lake Silver Mining Company at a meeting of the directors held on the 14th of September. Mr. Filteau will also continue to manage the National property. Both these properties are equipped with small oil flotation plants, and are treating tailings from previous operations.

The annual meeting of the shareholders of the McIntyre Porcupine Mines, Limited, will be held in the Board Room of the Bank of Hamilton, 65 Yonge Street, Toronto, on Saturday, the 26th of October, 1918, at eleven o'clock in the forenoon for the purpose of receiving the report of the operations for the year ended June 30th, 1918; for the election of directors for the ensuing year, and the transaction of such other business as may properly come before an annual general meeting of shareholders and for the following special business: To consider and, if approved, to ratify and confirm a by-law of the company authorizing it to purchase the whole or any portion of the capital stock of the Plenaureum Gold Mines, Limited, for cash or fully paid stock, and to use the funds of the company therefor.

The installation of machinery at the Haileybury Mining School is nearing completion. The building itself was completed some time ago. The structure is of solid brick. The ground floor is almost wholly taken up with a complete mill of the most modern design. In addition to serving educational purposes, the mill is expected to be useful in determining the process best suited to the treatment of the various ores met with throughout this mining district. The equipment consists of a small jaw crusher, three light stamps, amalgamation plate, classifiers, 3 x 4 tube mill, concentrating tables, the usual agitators and thickeners. Flotation equipment has also been installed. Therefore it will be possible to test ores for determining either their free-milling qualities, their adaptability to cyanidation, or treatment by flotation.

The record from the Coniagas Mine at Cobalt for the current year promises to be on a par with that of last year, production being at the rate of upwards of one million ounces of silver annually. According to the last annual report the company had approximately five million ounces of silver in their ore reserves. Last year the price of silver averaged 81.47 cents per ounce, while for the first half of the current year the price of the white metal has averaged 92.8 cents per ounce. Owing to arrangements between the governments of Great Britain and the

United States in which the price was fixed at \$1.01½ cents per ounce, the average price for the full calendar year will be 96.805 cents per ounce. This is more than 15 cents per ounce over the average price for the preceding year. The increased net earnings for the various large silver producers is readily realized.

This week in the crosscut being driven west at the 310-foot level of the Adanac Silver Mine, which adjoins the Temiskaming, ore was encountered. The new vein is upwards of six inches in width and is composed of calcite, cobalt and niccolite, as well as considerable native silver. This vein was encountered approximately twenty-one feet west of the first stringer cut in this cross-cut, which marked the eastern side of a series of veins, which bid fair to develop into a big asset for the Adanac Company. For the full twenty-four feet the cross-cut has opened up a series of veins, ranging in width from mere stringers to as much as nine inches, the last few veins encountered being the strongest and most uniform of the series. When the entire shear zone has been cross-cut the management will commence drifting on the most encouraging vein, and the results are looked forward to with the keenest interest. With such a series of veins occurring in the Keewatin formation in the zone immediately above the diabase and in close proximity to one of the most pronounced shearings in the mine, the outlook never appeared so bright for the Adanac. The geological conditions being met with are proving true to those predicted by Mr. A. R. Whitman, well-known geologist, and the conditions are almost identical with those prevailing on the Temiskaming mine in its most productive areas. The Adanac will be the centre of interest in the Cobalt camp until the importance of the new discoveries is determined.

Active underground operation of the Foster mine at Cobalt has commenced, the property being under lease to Messrs. C. L. Campbell, of Montreal, and Mr. W. Fairburn, the latter being in charge of the work at the mine. A small railway siding has been constructed from the Nipissing Central Railway to the property and the dumps from previous operations are being transported to the Northern Customs mill at 104 for treatment. Already upwards of ten cars have been shipped, the ore for the greater part being of low grade, running approximately ten ounces to the ton. With the cost of mining eliminated this allows of a good margin of profit with silver selling above the dollar mark. A considerable amount of high grade ore is also being encountered in the work of loading the ore. This is being sorted out and bagged and a considerable amount running close to 2,000 ounces to the ton has already been found. It is estimated that the entire dumps contain about 13,000 tons. The mining operations underground, for the time being, will be confined to the upper levels owing to the fact that the lower levels of the property are flooded with water and considerable delay will follow before the de-watering can be accomplished. The agreement on which the lease has been given to the present operators calls for ten per cent. of the profits to go to the Foster Mining Company. Facilities for handling the ore from the mine and dump are being improved and it is expected that in the near future about one car of ore per day containing upwards of fifty tons will be sent to the mill for treatment.

Developments at the Beaver Consolidated property at Cobalt in the zone immediately above the diabase are understood to be very favorable. At the same time the new mill on the company's Kirkland Lake property, the Kirkland Lake Gold, is nearing completion, with the resultant possibility of adding largely to their revenue from the treatment of the large amount of good grade ore