

The prospects for the mining industry are brightening. It is now definitely confirmed that the only proved mine on the West Ridge has been sold to a strong British syndicate, composed of Sir John Graham, of Glasgow, and Messrs. Hudson Bros., of Newcastle, they being represented in Canada by Mr. Claude Maitland. For the past three or four years the camp has been urgently in need of stable companies with enough money to spend in development to give the various prospects a chance. It is not likely that the purchases of the new syndicate will stop with the Mann if that property lives up to its present promise.

The Miller Lake-O'Brien, too, is doing very well. Not only is the ore on the lower or 350 ft. level as good as on upper workings, but much new ground is being broken, with excellent results. Good progress is being made with the hydro-electric plant. So excellent appear the prospects of the new find on the Millerett that a permanent head frame is being erected above the shaft near the old office. Sinking will commence at once. The vein is one of the system uncovered last summer. To date the shaft has been sunk 20 ft., the vein is 2 in. wide of 2,000 oz. ore. The shaft will be taken down to the 100 ft. level. To date a good quantity of high grade ore has been taken out of the shaft and treated in the sorting plant on the Miller Lake O'Brien.

On the Miller Lake O'Brien itself a surface discovery made about a month ago is developing well. It is on the surface about two in. wide of high grade and has now been uncovered for 200 ft.

A little high grade ore has also been found at the 40 ft. level of the Walsh mines on Miller lake.

**Coniagas.**—The strike at the Coniagas mine was very short lived. Claiming that the Coniagas mine had made no difference in their working hours and was therefore evading the eight-hour-day law, the local branch of the Western Federation of Miners called a strike. About seventy-five men walked out. Their places were filled in a few days and as many of the men as could get back, went back. Very little attempt was made on the part of the local union to support the strike.

**Hudson Bay.**—The production of the Hudson Bay mine for the last month of 1913 was 49,721 oz. During the month 1,945 tons were crushed in the mill. The average assays of heads was 23.6 oz., while the tailings ran 2.8 oz. The average extraction was 88.7 per cent. 74.8 tons daily were treated at the mill. A production of slightly less than 50,000 oz. was made, the greater part coming from mill ore.

**Crown Reserve.**—High grade has been opened up for 30 ft. in a branch stringer from the Fleming vein on the 150 ft. level of the Crown Reserve mine. The ore runs between 3,000 and 4,000 oz. to the ton. The Fleming vein itself has been cut in a crosscut from the Crown Reserve; but results have not been promising for the future. For the 150 ft. driven, most of the ore is low grade, with an occasional patch of high grade.

In the annual report just published, Mr. S. W. Cohen, general manager of the Crown Reserve places the probable ore reserves at 3,000,000 oz. He explains the sudden drop in ore reserves as follows: "In the last annual report it was stated that 25 per cent. of the 100 ft. stope on the Carson vein was left, which, figuring that 25 per cent. of the values would also be contained, meant 1,500,000 oz. Only 200,000 oz. was mined from the vein during the year, with no material amount to be further expected, and this falling off caused a decrease in the company's earnings. Mr. Cohen adds that the mine is still a good mine, with known ore reserves, even if its earning capacity could no longer be considered as

phenomenal. The production for the past year showed a decrease of approximately 1,000,000 oz., being 1,776,678 oz., against 2,714,766 oz. in 1912. Of this amount 523,382 oz. was produced from mill ore and remainder from high grade. The cost per oz. rose to 23 cents, as compared with 14.027 cents an oz. last year.

**Compressors for Gowganda.**—A three-drill compressor and accessories have been purchased by the Hewitt Lake mining syndicate of Gowganda, and have been shipped. The Miller Lake O'Brien, in the same camp, has also ordered a twelve drill compressor.

**Bailey.**—What is supposed to be the old discovery on No. 1 vein of the Bailey has been found on the fifth level of the mine, and drifting operations have revealed a strong vein with some values. The fifth level, at a depth of 280 ft., was opened since the first of the year, and from this depth it is contemplated much exploration work will be done. The annual meeting was held in Chicago at the end of January, but so far nothing has been made public. At this meeting it was to be decided whether the interests in control would realize on what they had in sight, or embark on a further development of the mine. Development this year has been unsatisfactory. On the Penn Canadian, the adjoining property, the Big Pete vein has been picked up again, giving promise of a considerable extension of this important ore body.

**Wettlaufer.**—The annual report of the Wettlaufer mine shows that the only present producer of the South Lorrain camp is without ore reserves or future profits, and has been shut down accordingly. The profit shown is only \$38,042, against \$320,248 the previous year. The production was 252,864 oz., while reserves amount to only 3,000 oz. left in one pillar underground. There has been paid in dividends since 1913 \$141,659, and there is cash on hand and quick assets \$141,920. The shipments for the past year amounted to 147,425 oz. of first-class, 11,417 oz. of second class, and 72,965 of concentrates and 17,182 oz. of bullion.

Mr. Robert Livermore, the manager, summarizes this most mournful report with "development at depth was most disappointing."

The only hope of South Lorrain is now the old Keeley, which under Hamilton-Ehrlich management proved quite promising the latter part of 1913, but was closed down until the winter was over.

## PORCUPINE AND KIRKLAND LAKE

**Hollinger.**—The annual report of the Hollinger mine was, from an engineering point of view, generally regarded as excellent, though speculators were inclined to hope for more declared ore in the reserves and an implied increase of dividend. Mr. Robbins continues to adopt the practice of estimating ore blocked out and superadding ore which he regards as probable. Ore actually blocked out amounted, after a production of \$3,500,000 had been made to over \$11,000,000 and ore blocked out and "possible" ore to \$17,000,000. Just as the report was compiled two new veins were cut with the diamond drill from the 425 ft. level.

**Merger of Pearl Lake Properties.**—While the proposed merger on Pearl Lake is not likely to be as comprehensive as first planned, it is quite probable that some consolidation will preface resumption of activity among some of the prospects. The properties mentioned at first in the proposed merger were the Plenaurum, Jupiter, Pearl Lake, McIntyre, Schumacher, and two properties of the McMartin-Dunlap syndicate. It is now certain that the Schumacher will not be included, since Mr. Schumacher has applied for a charter, and will