

capitalize at \$2,000,000. Of the others it is possible that the McIntyre and the Pearl Lake may be worked jointly, and the Plenaurum and the Jupiter. The Vipond is likely to be developed without co-operation from other mines.

**Dome.**—The Dome mill is now treating from 450 to 500 tons of ore per day. One day the total of 550 tons was reached. The installation of the extra 40 stamps has made such good progress that it is most probable that all the eighty stamps will be dropping in March or early in April. The Dome has ordered a 25 drill compressor to augment its present power plant.

**McArthur Township.**—The Cobalt syndicate, for whom Mr. Robert Bryce was acting, has thrown up its option on the St. Paul claims in McArthur township. The claims were very thoroughly sampled, and it was at one time hoped that another large low grade ore body had been discovered. But a mill run of three tons proved disappointing.

**Tough-Oakes.**—Much interest was experienced in the first annual report of the Tough-Oakes gold mines since it is the mine which this company owns that is the main possession of the Kirkland Lake Proprietary. Mr. Chas. O'Connell in a summary of his report of physical conditions, states that in the first year of development the ore extracted has a value in excess of the actual cost of all development work. The net results from the ore and bullion shipments, ore on the dumps and contents of the mill tailings was nearly equal to the total amount expended on the property. The gross value of the ore blocked out on three sides is over \$750,000.

As to ore reserves, it is stated that on both sides of the main vein the conglomerate as well as the porphyry contains numerous stringers and veinlets of quartz, all of which contain gold. Several hundred samples have been taken in the foot-wall section throughout the workings. From the results of these samples, as well as the milling record of 1915 tons, the average value of the milling ore exposed to date is taken at \$23.30 per ton. There has been only a small amount of exploration in the hanging wall section to date; but from the information it is expected that about three feet can be stoped on each side of the main vein with excellent results.

Work has been commenced on No. 3 vein. It is 400 ft. north of and parallel with the main vein, and has been stripped for 510 ft. It will average 17 in. in width. The results of close sampling indicate that it will average high grade for at least 350 ft. A shaft has been started at a point 160 ft. from the west end and levels will be driven at 100 and 200 ft. At the 200 or second level a crosscut will be driven south to connect with the main vein.

Before Mr. C. A. Foster returned to England he had acquired the Burnside claim, presumably for the Kirkland Lake Proprietary, and had options on the control of the Teck Hughes, the Sylvanite and other Kirkland lake properties.

**McIntyre.**—The McIntyre is working at the 400 and 600 ft. levels from the Pearl lake shaft owing to an arrangement with the latter company. On the 600 ft. level a new vein has been cut. The first cut samples averaged \$8.40. This is the second ore body encountered during the month of January on the McIntyre.

**Porcupine Crown.**—The annual report of the Porcupine Crown shows that there has been blocked out 86,000 tons of ore valued at \$1,923,806. The average value of the ore is \$22.37 per ton. The total cost per ton, based on the period when the mine was running

at full efficiency, was \$7.79, leaving a profit of \$14.58 a ton. In his summary of operations Mr. S. W. Cohen, general manager, states that at the present rate of production 35,000 tons will be handled during the coming year or almost twice as much as during the past year. There should be no difficulty in earning a net profit of \$300,000, Mr. Cohen thinks. The report states that in the winze below the 400 ft. level the ore ran \$70 over 5 ft., but that the vein had not been picked up yet in the level. The mill treating 100 tons per day is making an extraction of 96 per cent. at an average cost of \$1.50 per ton.

**Porphyry Hill.**—A thirty-six ton car of gold ore has been shipped from the old Preston East Dome claims, now worked by the original owners. The car contained about \$175 a ton ore. The Preston East Dome is now known as the Porphyry Hill.

**Schumacher.**—Mr. F. W. Schumacher has decided to capitalize his holdings in Porcupine and make a public offering of stock. One ore shoot on one vein has been opened up for 125 ft. on the 100 ft. level. It is of good grade ore and of good width. Another shoot of ore on the same vein is from 30 to 40 ft. long. Only two drills are at work at present on the property.

**Hollinger Reserve.**—It is understood that the General Development Co. has made its big payment on the Hollinger Reserve and that it has now been practically decided to take up that Ogden property. The property is being developed at the 200 and 300 ft. levels and results are understood to be satisfactory. There are between 50 and 60 men at work.

A sharp drop in the market value of Nipissing is accompanied by rumors of decrease in earnings and consequent probability of reduction in distributions to shareholders.

London papers comment unfavorably on the recent flotation of Kirkland Lake Proprietary, Ltd.

It is reported that the Mann mine at Gowganda has been sold to English interests represented by Mr. Claude Maitland.

The third annual meeting of Hollinger Gold Mines, Ltd., was held in Montreal on Monday, Feb. 2, 1914.

The improved condition of the Rossland properties of the Consolidated Mining and Smelting Company of Canada is arousing interest in that company's operations.

**COBALT ORE AND BULLION SHIPMENTS.**

The ore shipments for the week ending Feb. 6 were:

	Pounds.
Cobalt-Aladdin . . . . .	103,000
Crown Reserve . . . . .	45,990
Coniagas . . . . .	140,130
Dominion Reduction . . . . .	85,150
McKinley Darragh . . . . .	64,390
Seneca-Superior . . . . .	64,680
Trethewey . . . . .	87,570
Beaver . . . . .	58,790
Timiskaming . . . . .	73,690
<b>Total . . . . .</b>	<b>733,390</b>

The bullion shipments for the week ending Feb. 6, are:

Mines.	Bars.	Ounces.	Value.
Nipissing . . . . .	55	43,192.55	\$24,835
Kerr . . . . .	11	7,848.00	4,565
Casey Cobalt . . . . .	4	4,893.00	1,484
O'Brien . . . . .	17	16,044.30	9,225
Buffalo . . . . .	68	70,511.00	41,000
<b>Totals . . . . .</b>	<b>155</b>	<b>140,488.85</b>	<b>\$81,110</b>