

The Cobalt Townsite Company which owns thirty-seven acres directly south of Cobalt, made its first shipment early in April. A six-drill compressor is running on this property.

The Jury Copper Mines, Limited, recently installed a boiler and hoist upon the copper property which they are developing.

The Herminia Copper Mining Company, near Massey Station, are reported to be considering the erection of a copper smelter at Thessalon.

The Ontario Government has received a cheque for about \$40,000, being part payment of royalty from the O'Brien mine on nine car loads of ore shipped during the first three months of this year.

Port Arthur.—The prospects of opening up several of the famous old silver mines of this district are good. The West End Silver Mountain is reported to be in satisfactory operation. The Beaver, the Badger, the Porcupine, the Rabbit Mountain, and the Shuniah Wiccan or East End Mine, it is stated, will all be reopened. We hope and believe that this will mark an era of added prosperity in Western Ontario.

On or about the first of May the Atikokan mines will commence shipping iron ore to the Port Arthur blast furnace. It is expected that 200 tons per day will be shipped.

It is expected that 100,000 tons of ore will be shipped from the Loon Lake iron mines this season. They have been purchased by the Canadian Bessemer Ore Company. The ore is to be crushed and put over Hancock jigs for concentration.

The merger of La Rose, University and several other mines is reported. Messrs. John W. Martin, Timmins and Dunlop are behind the new promotion. It is announced that the capitalization will be \$6,000,000. The new company will take the name of La Rose.

An official report announces that at a depth of 75 feet an eight inch vein of smaltite has been struck in the Foster workings. This is decidedly encouraging. Superintendent Alder is to be congratulated.

Under the recent decision of the Supreme Court, which settles the litigation over the Lawson Mine, Mr. John McMartin becomes owner of three-quarters of the mine. Messrs. Millar and Clarke and their associates get one-quarter.

ALBERTA.

On April 3rd an explosion of gas in the mines of the International Coal & Coke Company, Coleman, resulted in the death of three men.

Mr. A. B. Willmott has resigned his position with the Lake Superior Corporation and is taking up private practice. He will continue to act as consulting geologist for the above company, and will establish in Sault Ste. Marie, Ont. As a mining geologist, Mr. Willmott has had a long and valuable experience, and has done much towards the development of New Ontario.

Mr. A. A. Hayward, past president of the Nova Scotia Mining Society, is in Toronto. Mr. Hayward is a gold miner of prominence in Nova Scotia. During his term of office as president he infused new life into the Mining Society.

DIVIDENDS

The Consolidated Mining and Smelting Co. of Canada, Limited
Dividend No. 5

Notice is given that a dividend of two and one-half per cent. (2 1-2 per cent.) on the paid-up capital stock of the company for the quarter ending March 31st, 1907, has been declared, payable May 1st, 1907, to holders of full shares of the said company of record on the 22nd day of April instant.

Buffalo, Cobalt—Capital, \$1,000,000; last dividend paid April 1st, 1907, \$30,000.

Granby Consolidated, B.C.—Capital, \$15,000; last dividend paid, March 30th, 1907, \$405,000.

McKinley-Darragh, Cobalt—Capital, \$2,500,000; last dividend paid, March 1st, 1907, \$50,000.

Nipissing, Cobalt—Capital, \$6,000,000; last dividend paid, April 20th, 1907, \$180,000.

Trethewey, Cobalt—Capital, \$1,000,000; last dividend paid, March 31st, 1907, \$40,000.

International Nickel—Capital, \$12,000,000; last dividend paid, May 1st, 1907, \$121,123.

Nova Scotia Steel & Coal—Last dividend paid, April 15th, 1907, \$74,555.

The limestones near St. John, N.B., are in places highly serpentine and have furnished indications of the presence of Eozoon. At Pisarino, however, serpentine is seen to cut talcose and chloritic rocks, associated with limestones, as a true dyke six feet wide. At the falls of the St. John River, also, deposits of plumbago of large extent are found in the slates and limestones.

BOOK REVIEWS

"Hydro-Metallurgy of Silver," by Ottokar Hofmann, Hill publishing Company, New York and London, 1907, \$4.00, postpaid.

Mr. Hofmann's long experience in this branch of metallurgy has amply qualified him to produce an authoritative text-book. Mr. Hofmann was the first to introduce the process of lixiviation with sodium hyposulphite in Mexico (1868). Experience gained with different ores induced him to modify the chloridizing roast with the object of decreasing the loss of silver by volatilization. This was a marked improvement in the treatment of silver ores.

The book is divided into two sections; the first takes up "Chloridizing Roasting of Silver Ores"; the second deals with the "Extraction of the Silver."

There is a popular dictum that a text-book is usually ten years behind modern practice. Mr. Hofmann's book gives the lie to this. "Hydro-Metallurgy of Silver" is well compiled, well illustrated and well printed, and gives us the last word in metallurgical progress.

"The Principles of Copper Smelting," by Edward Dyer Peters, Professor of Metallurgy Harvard University. Pages, 612. Price, \$5.00, postpaid. The Hill Publishing Company, 505 Pearl street, New York.

This new book of Professor Peters' is to be distinguished from his standard work on "Modern Copper Smelting." The latter book deals with the methods of smelting, the former is a lucid, exhaustive and reliable exposition of the principles underlying the actual operation. "The book is written, in part, for students," says Professor Peters in his preface, "and, as there are many persons who would like to gain some insight into the smelting of copper, but who have not the training which is requisite for the understanding of ordinary metallurgical treatises, I have tried to write in such a manner that it might be reasonably intelligible to those who have no exact knowledge of chemistry."

In this aim the author has succeeded. The book is clearly written. In style it is clear. In diction it is neither cumbersome nor hyper-technical; and this can be predicated of very few text-books dealing with such subjects. The arrangement is logical. Chapter VIII, on Pyrite Smelting, and Chapter IX., on Slags, are particularly valuable. That our praise may be slightly diluted by the cold water of criticism, we may suggest that a larger number of diagrams and illustrations would not detract from the appearance of the volume. This, however, is incidental. Professor Peters' new book is worthy of immediate adoption by educationists and technical workers. Would that some equally well-equipped writer would give us as full a treatise on the principles of modern iron smelting.

METAL, ORE AND MINERAL MARKET

Aluminium—For No. 1 ingots, 48 to 50 cents per lb.

Antimony.—Market dull; 21 to 21 1-2 cents per lb.

Arsenic, white—7 1-2 to 8 cents per lb.

Barytes, crude—\$11.25 to \$14.50 per ton.

Bismuth—\$1.40 to \$1.50 per lb.

Cadmium—\$1.40 to \$1.46 per lb.

Carbons, for drill—\$75.00 to \$85.00 per carat.

Carborundum, powdered—8 cents per lb.

Chromium, pure metal—80 cents per lb.

Cobalt—F.o.b. Cobalt, Ont., unrefined, 40 cents per lb.

Corundum—7 cents per lb.

Feldspar—\$10.00 per short ton.

Fluorspar, lump—\$9.00 per short ton.

Graphite, domestic—\$45.00 to \$150.00 per short ton.

Gypsum, lump—\$4 per ton.

Infusorial earth, ground—\$15.00 to \$30.00 per ton.

Manganese, pure—75 cents per lb.

Mica, ground—\$62.00 to \$85.00 per short ton. Scrap—\$12.00 to \$15.00 per short ton.

Molybdenum, pure—\$1.70 per lb.

Molybdenite ore, 95 per cent. pure—21 cents per lb.

Nickel—45 cents to 50 cents per lb.

Platinum, ordinary metal—\$33.50 per ounce.

Pyrite, 38 per cent. to 45 per cent. sulphur—11 cents per lb.

Quicksilver—\$42 per flask of 75 lbs.

Talc—\$17.00 per ton.

Tungsten, pure metal—\$1.32 per lb.

Tungsten ore, 60 per cent. pure—\$400 per ton.

Tin—40 3-4 cents per lb.

Zinc sheets—\$8.60 per 100 lbs.