

was worked it was for its zinc by a Manches'er company. It is said to contain large bodies of zinc and is considered a very valuable mine for this alone. It also has some lead ore. It was one of the first shippers in the Slocan.

The Sunset Mine, Slocan.—The Sunset has started in to rawhide and there is already over 100 tons ready at the mine for shipment. They expect to ship about 500 tons this winter.

Le Roi.—Cable from the manager:—"Shipped from the mine to the Northport smelter during the past month 17 256 tons of ore, containing 5,428 oz. of gold, 6,665 oz. of silver, and 107,800 lb. of copper. Has resulted in an (estimated) loss of \$15,500, according to the usual calculations. Development work, 1,350 level.—In reference to my cable, dated the 17th, have commenced a stope 30 ft. by 20 ft., with ore in top, bottom and sides: the grade of the ore varies between \$10 and \$20—not possible to estimate closely, owing to presence of small dyke. Other work 1,350 level encouraging; although have not yet met masses of ore, I consider we have justified expenditure involved." (Office note.—The above includes not only the costs of mining, smelting and realisation of the smelter products, but also \$1.45 per ton of ore mined for depreciation and development. Mr. Parrish has already been requested in future cables to state separately the cost of development.)

Under date of January 12th, a Rossland despatch says:—"Manager Parrish has at last made an authoritative statement regarding the strike on the 1,350 foot level of the Le Roi. This is the first time that an authoritative statement regarding the strike has been made, after a studied silence of six months. Mr. Parrish declares that at a point 300 feet west of the main shaft and on the 1,350-foot level a crosscut has been run 100 feet along the course of the diamond drilling. Since encountering the ore body he has drifted fifty feet one way and thirty feet another, but as yet there is no sign of any end to the shoot. The ore is solid, and much samples run from \$12 to \$20 per ton. From time to time the assays run into big figures. This places the new discovery well within the limit of first-class ore that will yield handsome profits—greater, in fact, than is customary in any of the big properties. But this is not all. At a point a considerable distance further west and her crosscut on the same level has also encountered ore of similar grade to that found nearer the shaft. Mr. Parrish is not prepared just now to say whether this is a solid continuation of the first strike, but it may be, and the chances are that it is. If it is, then the biggest ore shoot ever discovered in the Rossland camp exists on the 1,350 foot level of the Le Roi. The new strike lies to the south side of the mine. The work on it at present consists of crosscutting and drifting. To better determine its extent a winze will be sunk and upraising will also be done. Attempts will also be made to prove the continuity of the ore body from the first to the second strike. Mr. Parrish was not prepared to say what he would do about proceeding with the work below the 1,350 foot level. He is concentrating his attention for the present upon the prospecting of the new find. Asked for an expression of opinion as to the merits of the strike, Mr. Parrish said that it might be the top of as big an ore shoot as was ever found in the mine. The showing so far was satisfactory. If it is as he hopes, Mr. Parrish declares that there are great days of prosperity for the Le Roi.

The Canadian-American Coal and Coke Co.—Over fifty men are again on the pay-roll of the Canadian-American Coal & Coke Co., of Frank, and Manager S. W. Gebro expects to be taking out and shipping coal in quantity within the next few days. The business men of Frank are feeling more than hopeful as an era of prosperity again appears to be opening for that place. Manager Gebro will have personal charge of the works and this in itself is sufficient to inspire confidence in all who know both that property and Mr. Gebro that the work will be carried through to success and the property again made a big producer.—*Blairmore Times*.

The Arlington Mine.—The expenses for the month of December, 1903, at the Arlington mine (Erie) amounted to \$4,146.22. Shipments were resumed commencing on December 19th, and 50 tons of ore shipped up to the 31st. The returns for these 50 tons will pay the month's expenses, but the payments were not received until January, so will appear in the statement for that month.

Crow's Nest Pass Coal Co.—Mr. T. R. Stockett has been appointed general manager of the Crow's Nest Pass Coal Co.'s mines for a period of three months, and Mr. G. G. S. Lindsey, K.C., the Toronto counsel for the company, has been appointed managing director while Mr. D. Davies has been confirmed in the position of comptroller.

Payne Consolidated Mining Co.—A despatch from Sandom, B.C., dated Jan. 19, says:—"Mr. Jones of the Lanyon Zinc works, Iola, Kansas, has bought the zinc from the Payne. He is reported to have bought 1000 tons. It has all to be shipped within the next thirty days. The price paid has not been divulged, but it is generally understood that he paid more for it than he was paying last year. Mr. Jones has also bought about 300 tons of zinc ore from Phil Hickey of the Ivanhoe, this is now being loaded.

NEW COMPANIES.

ONTARIO.

The Corundum Refiners, Limited.—Incorporated under the Statutes of Ontario, 27th November, 1903. Authorized capital, \$1,000,000, in 10,000 shares of one hundred dollars (\$100) each. Directors: J. N. Scatcherd, C. R. Huntley, J. A. Roberts, J. H. Tilden, J. C. Conway, H. H. Dewart, W. Vandusen, H. H. Coburn, W. B. Rankine, J. H. Jewell. Head office: Toronto, Ont. Formed to acquire the properties known as "The Corundum Refiners, Limited."

The Northern Light Mining and Development Company, Limited.—Incorporated under the Statutes of Ontario, 9th December, 1903. Authorized capital, \$1,000,000, in 1,000,000 shares of one dollar (\$1.00) each. Directors: J. Gonska, J. H. Hill, G. Collatz, W. Fawcett, N. Mueller, C. Larson, J. J. Durage. Head office: Port Arthur, Ont. Formed to acquire the properties known as "The Northern Light Mining and Development Company, Limited."

Ontario Lead and Zinc Company, Limited.—Incorporated under the Statutes of Ontario, 16th December, 1903. Authorized capital, \$600,000, in 600,000 shares of one dollar (\$1.00) each. Directors: E. C. Kennedy, J. A. MacIntosh, A. R. Clute. Head office: Port Arthur, Ontario. Formed to acquire the properties known as the "Ontario Lead and Zinc Company, Limited."

The Anglo-American Oil Company, Limited.—Incorporated under the Statutes of Ontario, 18th December, 1903. Authorized capital, \$100,000, in 1,000 shares of one hundred dollars (\$100) each. Directors: W. McIntosh, J. A. McIntosh, S. A. Holbrook, Rose Lessler, D. S. Robb, J. C. Winters, J. M. Prophet. Head office: Chatham, Ont. Formed to acquire the properties known as "The Anglo-American Oil Company, Limited."

Lindsay Portland Cement Company, Limited.—Incorporated under the Statutes of Ontario, 18th December, 1903. Authorized capital, \$500,000, in 50,000 shares of (\$10) each. Directors: J. D. Flavell, T. Sadler, R. Sylvester, J. B. Knowlson, J. M. Squier, R. Kennedy, A. Ross, T. Stewart. Head office: Lindsay, Ont. Formed to acquire the properties known as the "Lindsay Portland Cement Company, Limited."

BRITISH COLUMBIA

The Bridge River and Lillooet Gold Milling Co., "Limited Liability"—Re-incorporated as a registered under the Statutes of British Columbia, 23rd December, 1903. Authorized capital, \$750,000 in 750,000 shares of one dollar (\$1) each. Formed to acquire the properties known as "The Bridge River and Lillooet Gold Mining Company, Limited."

The Zala Consolidated, Limited, "Non-Personal Liability."—Re-incorporated under the Statutes of British Columbia, 21st December, 1903. Authorized capital, \$600,000 in 1,200,000 shares of fifty (50) cents each. Formed to acquire the properties known as "The Zala Mines, Limited," "Non-Personal Liability."

The Fraser River Coal Company, Limited, "Non-Personal Liability."—Incorporated under the Statutes of British Columbia, 28th December, 1903. Authorized capital, \$10,000, in 100,000 shares of ten (10) cents each. Formed to acquire the properties known as "The Fraser River Coal Company, Limited," "Non-Personal Liability."

Hardscrabble Hydraulic Gold Mines, Limited, "Non-Personal Liability."—Incorporated under the Statutes of British Columbia, 28th December, 1903. Authorized capital, \$90,000 in 3,000,000 shares of three (3) cents each. Formed to acquire the properties known as the "Hardscrabble Hydraulic Gold Mines, Limited," "Non-Personal Liability."

The Richmond Oil Company, Limited.—Incorporated under the Statutes of British Columbia, 12th January, 1904. Authorized capital, \$12,000 in 1,200 shares of ten dollars (\$10) each. Formed to acquire the properties known as "The Richmond Oil Company, Limited."

The International Gold Company.—Registered under the Statutes of British Columbia, 12th January, 1904, as an Extra-Provincial Company. Authorized capital, \$15,000 in 1,500,000 shares of one (1) cent each. Head Office, City of Whatcom, State of Washington, U.S.A. Head Office in this Province, Vancouver, B.C., J. C. Martin, Vancouver, B.C., Attorney. Formed to acquire the properties known as "The International Gold Company."

CONCENTRATES.

The following table gives in long tons, actual copper production of the various countries of the world, for the year 1902, with estimates of 1903 outputs. As the final figures will not be secured for six months in some cases, the table must be taken merely for what it purports, which is to be a reasonably close estimate of 1903 production, based upon the best data available at the close of 1903:

Country.	1903.	1902.
United States.....	318,861	303,446
Spain and Portugal.....	51,000	49,790
Mexico.....	48,000	35,785
Chile.....	30,000	28,130
Japan.....	31,000	29,775
Germany.....	22,000	21,605
Canada.....	22,500	17,485
Australasia.....	29,000	25,640
Peru.....	7,500	7,580
Russia.....	8,000	8,000
Cape Colony.....	4,500	4,450
Norway.....	5,000	4,565
Italy.....	3,500	3,370
Miscellaneous.....	8,500	7,895
Total.....	589,361	551,316

The Boundary B.C. ore shipments for the second week in the new year are almost exactly the same as for the first week, namely, a little over 16,000 tons. The several shipping mines sent out the following amounts to the different smelters:

Granby mines, to Granby.....	10,680
Mother Lode, to Greenwood.....	3,840
Emma, to Granby.....	750
Senator, to Granby.....	120
Oro Denoro, to Granby.....	570
Athelstan, to Granby and Greenwood.....	330

Total for the week..... 16,290

The total tonnage for the year to date is 32,560. This week the Granby smelter treated 12,441 tons of ore, making a total of 33,850 tons for the year.