

MINING.—Continued.

statistics of that which has been sold and consumed as such; but the great bulk of the product of the wells was refined, and the statistics of those quantities of refined oil, as well as their reduction into crude equivalent, are as below. The quantity of Canadian refined oil (refined petroleum and naphtha), which has been inspected during the year 1886, is 6,469,667 imperial gallons. This, at the yield of 38 gallons refined oil from 100 crude, corresponds to 17,025,439 gallons of crude petroleum, or 486,441 barrels of 35 gallons. The spot value of this quantity of crude oil may be stated at \$437,797, if 90c. is taken as the average market price of a barrel."

It is generally believed that petroleum exists in large quantities in this Province, and it has been bored for at Lake Ainslie and in Pictou County, but so far without success.

PHOSPHATE.—"The total quantity of phosphate (apatite) exported and manufactured in this country during the year 1886, has been 20,495 tons, valued at the mines at \$304,245. Compared with the 1885 exports, it shows a decrease in 1886 of 8,474 tons, and of \$157,740 in the value at the mines.

The quantity of Phosphate stated above was partly mined in the Quebec district, and partly in the Ontario district, as follows:—Quebec, 19,435 tons; Ontario, 1,060 tons"

PYRITES.—"The export of pyrites to the United States from Canadian mines has been in 1886 42,906 tons, valued at the mines at \$193,077, at the average price of \$4.50 per ton. This quantity of pyrites was mined at the Albert and Crown mines, Capelton, County of Sherbrooke, P. Q. The copper contents and copper value of the ore have been given previously. So far as we have been able to learn, there was no other mine worked in Canada in 1886, the ore of which was utilized for making sulphuric acid."

The International Coal Company held its annual meeting at Montreal on the 15th Feby. The following directors were elected:—Sir D. A. Smith, M. P., Messrs. Hugh McLennan, John McLennan, A. Kingman, and T. B. Brown. At a subsequent meeting of the directors Mr. H. McLellan was elected president, and Mr. T. B. Brown secretary-treasurer.

For the information of the parties now operating the antimony mine at Rawdon, we publish the following extract on "New Zealand Antimony" from the *Engineering and Mining Journal*:—

"At a meeting of the New Zealand Antimony Company, in London, the chairman, Sir Walter Buller, gave the following account of an agreement entered into lately: Messrs. Cookson & Co., of Newcastle-on-Tyne, agree to purchase from the company 6000 tons of 70 per cent. ore per annum for a period of five years, and the company agree to deliver to Messrs. Cookson & Co., under a penalty of 30 shillings a ton for any deficiency, not less than 2000 tons per annum of 50 per cent. ore. The company bind themselves to sell antimony ore during the period named to Messrs. Cookson & Co. only, and to work no more than 6000 tons per annum unless desired by the purchasers to do so; and should it be found possible or desirable to raise any quantity of ore in excess of the 6000 tons per annum, such excess will be sold to the purchasers only on terms to be mutually agreed upon. The price to be paid by Messrs. Cookson & Co. for this 6000 tons is to be ascertained and paid in the following manner: The price shall be £10 per ton of ore containing 50 per cent. of pure antimony, and 4s. for each complete unit over 50 per cent., such price of £10 to be paid when the price of antimony shall be £34 per ton, but to rise and fall with the price of antimony as follows, that is to say—for every raise of 10s. in the price of antimony above £34 per ton, 2s. 6d. per ton more to be paid for ore, and for every fall of 10s. in the price of antimony below £34 per ton, 5s. per ton less to be paid for ore. The date of the assayer's certificate shall be taken to be the date of the delivery of each parcel of ore for the purpose of ascertaining the price thereof, and the mean of French & Smith's and James & Shakespeare's "weekly circular" quotations for antimony for the four weeks preceding the date of delivery shall be taken to be the price of antimony ore for the purpose of ascertaining the price of each of such parcels.

CORNWALL TIN MINES.—A letter received here lately from W. H. Thomas, who is spending the winter in Cornwall, England, gives an interesting account of a visit to one of the biggest tin mines in the old country. He says that after getting an order from the manager, "I went to the bottom of the best and deepest tin mine in this country last Monday—2,490 feet deep, and so hot that the boys work with nothing on them except their pants. The mine has been continually worked for 150 years, and how much longer no one seems to know, although indications are plentiful showing that the early Britons had some use for tin as well as the present generation. The drifts, tunnels and shafts in the mine aggregate a length of over sixty miles of development. There are six or seven shafts, and acre after acre has been stoped out. The lode in places is forty feet wide, every pound of which is pay ore. The property is situated in a level country, and all the water is pumped out and all the ore handled by immense plants of machinery. The mine works a force of 1,100 people, underground and on the surface. The land and mineral right is owned by one of the aristocratic landlords of this country. He made this lease company pay £25,000 for the twenty-five years lease, and £100 an acre for all the land destroyed; added to this a royalty of 14 per cent. is exacted on all mineral taken out. Notwithstanding this heavy drain on the output, which is necessarily enormous to support such an expense, this Dolcoath tin mine pays a regular dividend of 10 per cent."—*La Plata Miner*.

A WEIGHTY OPINION.

The British Medical Journal, the recognized organ of the medical faculty, says:—It is well known that the usual extracts of meat, such as Liebig's, DO NOT CONTAIN the albumen and fibrine of meat. In

Johnston's Fluid Beef



the solid fibrine is reduced to a fine powder and added to the extracted juices, so as to supply all the NUTRITIOUS ELEMENTS which the MEAT ITSELF CONTAINS. This has been verified by many analyses, and there is no doubt that it constitutes a just element of FAVOR FOR this preparation.

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The Tenth Monthly Drawing will take place
On WEDNESDAY, 21st March, 1888.

At 2 o'clock, p.m.

PRIZES VALUE, \$60,000.

FIRST SERIES.

PRIZES VALUE, \$50,000 00
Principal Lot—1 Real Estate worth \$5,000.00

LIST OF PRIZES.

1 Real Estate worth.....	\$ 5,000	\$ 5,000
1 Real Estate worth.....	2,000	2,000
10 Building Lots in Montreal	300	3,000
15 Bedroom or Drawing-room		
Suites to choice.....	200	3,000
20 do do do.....	100	2,000
100 Gold Watches.....	50	5,000
1000 Silver Watches.....	25	20,000
1100 do do do.....	10	10,000

2147 lots worth.....\$50,000

TICKETS \$1.00.

SECOND SERIES.

PRIZES VALUE, \$10,000 00
Principal Lot—1 Real Estate worth \$1,000.00

LIST OF PRIZES.

1 Real Estate worth.....	\$ 1,000	\$ 1,000
100 Gold Chains worth.....	40	4,000
1000 Toilet Sets worth.....	5	5,000

1101 lots worth.....\$10,000

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