

## STATISTICS AND RETURNS

### ONTARIO RETURNS.

Returns to the Bureau of Mines for the 9 months ending 30th September, 1912, show the production of metals and metalliferous substances in Ontario to have been as follows:

Product.	Quantity.	Value.
Gold, oz. ....	53,488	\$1,117,335
Silver, oz. ....	22,231,451	12,707,826
Copper, tons ....	8,019	1,142,076
Nickel, tons ....	15,907	3,368,437
Iron ore, tons ....	37,265	101,284
Pig iron, tons ....	452,021	6,051,978
Cobalt in crude material, lbs.	209,899	57,614
Cobalt and nickel oxides, lbs.	711,180	176,786
White arsenic, lbs. ....	2,944,104	66,316

**Gold.**—The gold mines of Porcupine began to produce bullion during the summer, and their output bids fair to assume important dimensions. The yield of gold for the first nine months of 1912 is more than double in value that of any preceding twelve months. The bulk was from the Hoilinger and Dome mines. Other contributors were the McIntyre and Vipond at Porcupine, and the St. Anthony at Sturgeon Lake. The Cordova mines in Hastings county and the Olympia at Lake of the Woods also turned out bullion.

**Silver.**—As compared with the corresponding period of 1911, the production was 963,601 ounces less in quantity, but \$1,114,090 more in value, silver being now much higher in price than last year. The productivity of the silver mines of Cobalt is being well sustained. The shipments comprised 15,408 tons ore, 7,859 tons concentrates, and \$2,239,124 in bullion. South Lorrain contributed 016,692 ounces to the total, and Gowganda 449,281 ounces.

**Nickel and Copper.**—The mines of the Sudbury district yielded 15,907 tons of nickel, as compared with 12,711 tons during the same period last year, and 8,019 tons of copper, as against 6,769 tons. Both these metals are estimated in the form of Bessemer matte produced by the blast furnaces, constituting together about 80 per cent. of the matte by weight. A source of nickel ore quite outside the Sudbury region has been opened in the Alexo mine, on the line of the Temiskaming & Northern Ontario Railway, from which a quantity of ore was shipped to the smelters of the Mond Nickel Company at Victoria Mines.

**Iron.**—Considerably less iron was shipped during the nine months of 1912 than during the same period of last year, the reduction amounting to 135,603 tons. The Helen mine was the principal producer. On the other hand, the output of pig iron shows a large increase, being 452,021 tons, as against 296,856 tons last year.

**Cobalt By-products.**—The refining works in Ontario produce arsenic, cobalt crude material or residues, and the oxides of nickel and cobalt. Shipments amounted in value to \$300,716, as compared with \$125,907 for the corresponding period of 1911. Both the European and American market for cobalt oxides are now for the most part supplied by the product made from the ores of Cobalt.

### DOMINION STEEL FOR OCTOBER.

The Dominion Iron & Steel Co. made several new records during October. The output of pig iron, blooms and rods and coke is considerably in excess of that for any previous month. The figures for the wire and nail mill are not yet available, but it is certain that both

have established records.

The shipments, while well up to the average, are some 3,000 tons below the record. The blowing in of the new No. 8 blast furnace is responsible principally for the increased output. Following are the figures:

Pig iron, tons .....	31,090
Steel ingots, tons .....	29,975
Bloom, tons .....	27,880
Rails, tons .....	15,656
Rods, tons .....	8,868
Coke, tons .....	50,540
Total shipments, tons .....	29,360

### COBALT SHIPMENTS.

Shipments for the week ending November 9th were almost three times those of the previous week. Eleven mines sent out 19 cars during the week and of the consignment every car contained high grade ore. Coniagas led with six cars, averaging one each day, with La Rose, McKinley-Darragh, and Beaver each contributing two cars towards the total.

Wettlaufer, of South Lorrain, appears with one car shipment. The Nipissing sent out a car of concentrates to Denver. The week's total forms a new record from the camp this year and was as follows:

	High.	Lbs.
Hudson Bay .....	1	61,800
La Rose .....	2	132,000
Cobalt Lake .....	1	41,400
Coniagas .....	6	400,760
McKinley-Darragh .....	2	126,088
Nipissing .....	1	63,250
Trethewey .....	1	53,000
Beaver .....	2	128,752
Temiskaming .....	1	71,924
O'Brien .....	1	63,600
Wettlaufer .....	1	60,495
Totals .....	19	1,205,069

### B. C. ORE SHIPMENTS.

Ore production in the Kootenay and Boundary districts for the week was 55,612 tons and for the year 2,115,261 tons. Smelter receipts for the week were 49,947 tons, for the year 1,896,937 tons.

#### Nelson.

Hudson Bay .....	34	708
Second Relief .....	31	72
Yankee Girl .....	33	50
Granite-Poorman, milled .....	250	11,850
Mother Lode, milled .....	500	9,750
Queen, milled .....	490	14,700
Molly Gibson, milled .....	300	6,900
Other mines .....	...	9,241
	1,638	53,271

#### Boundary.

Granby .....	28,855	1,067,761
Mother Lode .....	6,956	315,093
Unnamed .....	165	9,957
Rawhide .....	6,475	206,921
Napoleon .....	921	9,790
Ben Hur .....	35	35
Cavanaugh .....	1	1