

1891.

MINERAL PRODUCTION OF CANADA.

GEOLOGICAL SURVEY DEPARTMENT.

ALFRED R. C. SELWYN, C.M.G., LL.D., F.R.S., DIRECTOR.

DIVISION OF
MINERAL STATISTICS AND MINES.

SUMMARY

OF THE

MINERAL PRODUCTION OF CANADA.

FOR

1891.

ELFRIC DREW INGALL,

*Associate of the Royal School of Mines, England,
Mining Engineer to the Geological Survey of Canada,*

IN CHARGE.

H. P. BRUMELL,

Assistant to the Division,



PUBLISHED BY AUTHORITY OF PARLIAMENT.

TO ALFRED R. C. SELWYN, ESQ., C.M.G., F.R.S., ETC.,

Director and Deputy Head.

SIR,—I have the honour to submit the Annual Preliminary Statistical Table of the Mineral Production of Canada for 1891.

As usual this is not a final and complete statement, there being yet a few returns outstanding. The data thus absent have been estimated as closely as possible, but are therefore subject to revision.

The complete Annual Report of the Division will follow later with the corrections and details of the production of the various minerals and mineral industries, together with technical information relating thereto.

I am, Sir,

Your obedient servant,

ELFRIC DREW INGALL.

Geological Survey Department,
(Division of Mineral Statistics and Mines,) }
21st April, 1892.

SUMMARY OF THE MINERAL PRODUCTION OF CANADA IN 1891.

(Subject to Revision.)

PRODUCT.	QUANTITY (a)	VALUE.
<i>Metallic.</i>		
Antimony ore.....tons.	10	\$ 60
Copper (b).....lbs.	9,529,076	1,238,780
Gold (c).....ozs.	51,040	925,486
Iron Ore (d).....tons.	68,979	152,005
Iron, Pig (value \$368,901)....."	23,891	.....
Lead (e).....lbs.	588,665	25,607
Nickel (f)....."	4,626,627	2,775,976
Platinum.....	.....	10,000
Silver (g).....ozs.	415,493	407,183
Total Metallic.....	.....	\$5,535,097
<i>Non-Metallic.</i>		
Arsenic.....tons.	20	\$ 1,000
Asbestos....."	9,000	1,000,000
*Bricks.....thousands	173,808	1,047,311
*Building Stone.....cub. yds.	187,685	708,702
Cement.....bbls.	93,779	109,086
*Coal.....tons.	3,400,479	7,792,175
Coke (h)....."	57,084	175,592
Feldspar....."	685	3,425
Fire Clay....."	250	750
Flagstones.....sq. ft.	27,300	2,721
Granite.....tons.	10,965	65,105
Graphite....."	260	1,560
Grindstones....."	4,479	42,587
Gypsum (i)....."	203,545	192,696
*Lime.....bush.	1,829,894	251,215
Limestone, for flux.....tons.	11,376	11,547
Manganese (k)....."	274	6,951
Mica....."	.....	71,510
Mineral Paints.....tons.	900	17,750
Mineral Water.....galls.	427,485	54,068
Moulding Sand.....tons.	230	1,000
Petroleum (l).....bbls.	755,298	1,004,546
Phosphate.....tons.	23,588	161,693
*Pottery.....tons.	65,362	258,844
Pyrites....."	900	196,086
Roofing Cement....."	.....	2,700
Salt....."	45,021	161,179
Sand and Gravel (exports)....."	243,724	59,501
Sewer Pipe....."	.....	227,300
Soapstone.....tons.	575	863
Terra Cotta (m)....."	.....	113,103
*Tiles.....thousands.	11,779	140,799
Total non-metallic.....	.....	\$13,882,765
Total metallic.....	.....	5,535,097
Estimated value of mineral products not returned, principally structural materials.....	.....	582,138
Total.....	.....	\$20,000,000

*Some returns yet to be received.

(a) Quantity marketed, except when otherwise specified. Tons are of 2,000 lbs.

(b) Copper contents of Canadian ores at a market price of 13 cents per lb.

(c) Nova Scotia gold is calculated at \$19.50 per oz., and that from British Columbia at \$17.

(d) The amount of ore here given was partly marketed as such and partly smelted in Canada, affording the quantity of pig iron given in the next item.

(e) Lead contents of Canadian ores at a market value of 4.35 cents per lb.

(f) Nickel contents of matte and ore shipped from Sudbury at 60 cents per lb.

(g) Production of the Province of Quebec and the amounts exported from British Columbia and Ontario at 98 cents per oz.

(h) Oven coke, all the production of Nova Scotia.

(i) Production of Ontario plus exports from New Brunswick and Nova Scotia.

(k) Production of Nova Scotia plus New Brunswick exports.

(l) Calculated from the inspection returns at 100 galls. crude to 38 galls. refined oil, and computed at \$1.33 per bbl. of 35 Imp. galls. The barrel of refined oil is assumed to be 42 Imp. galls.

(m) Including fire-proof porous terra cotta and a certain amount of high priced ornamental pressed bricks.