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1882
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1887.

MINERAL PRODUCTION OF CANADA.

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GEOLOGICAL AND NATURAL HISTORY SURVEY OF CANADA.
ALFRED R. C. SELWYN, C.M.G., LL.D., F.R.S., DIRECTOR.

SUMMARY

OF THE

MINERAL PRODUCTION OF CANADA

FOR

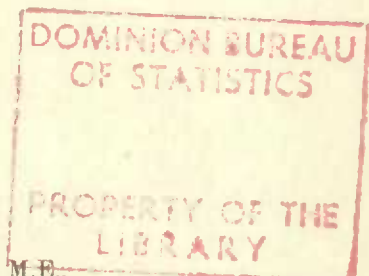
1887.

BY

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PUBLISHED BY AUTHORITY OF PARLIAMENT.

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

Director Geological and Natural History Survey.

SIR.—I have the honor to submit herewith a statistical table of the mineral production of the Dominion of Canada in 1887. As indicated at the head of the table, this is not the final statement, but it is issued now to meet the generally expressed desire for the publication of the returns as soon as possible after the close of the year to which they relate.

I am, Sir,

Your obedient servant,

E. COSTE.

MARCH 20th, 1888.

SUMMARY OF THE MINERAL PRODUCTION OF CANADA IN 1887.

(Subject to revision.)

NAME OF PRODUCT.	No. of returns. (a)	1887.	
		Quantity (b)	Value (c)
Antimony ore..... tons.	1 + N.S.	434	\$18,960
Arsenic	1	30	1,200
Asbestos	11	4,573	227,716
Baryta	N.S.	400	2,000
Brick	210	139,185	725,694
Building stone	90 + N.S.	223,835	450,934
Cement	6	69,843	81,909
Charcoal	6	1,610,900	88,823
Chromic iron ore..... tons.	1	38	570
Coal	23 + N.S. & B.C.	2,368,041	5,208,429
Coke	N.S.	32,198	86,244
Copper (d)..... lbs.	4	3,260,424	342,345
Flagstone	4	110,925	10,811
Gold (e)..... ozs.	6 + N.S. & B.C.	62,289	1,111,877
Granite	11	15,128	98,995
Graphite	1	300	2,400
Grindstone	5 + N.S.	2,772	35,368
Gypsum	9 + N.S.	154,008	157,277
Iron (f).....	8	31,527	1,087,728
Iron ore.....	10 + N.S.	76,330	146,197
Lead (fine, contained in ore) lbs.	1	204,800	9,216
Lime	102 + N.S.	2,303,667	389,369
Limestone for iron flux..... tons.	3	17,171	17,500
Manganese ore (g)	3 + N.S.	1,630	39,672
Marble and serpentine.....	2	242	7,845
Mica	3	22,083	29,816
Miscellaneous clay products	7	.....	78,670
Ochre	1	100	1,500
Petroleum (h) (brls of 35 imp. galls.)	.....	594,411	463,641
Phosphate (i)..... tons.	16	23,690	319,815
Pig iron	3	24,827	366,192
Platinum	1	1,400	5,600
Pyrites	2	38,043	171,194
Salt (j)	18	30,173	166,394
Sand and gravel (exports).....	.....	180,860	30,307
Silver (k).....	.....	.....	322,602
Slate	2	7,357	89,000
Soapstone	1	100	800
Steel (l).....	5	7,326	331,199
Sulphuric acid	4	5,477,950	70,609
Superphosphate	3	498	25,943
Tile..... thousands	69	8,355	136,112
Whiting	1	500	600
Total.....	.....	.....	\$12,959,073

(a) These numbers show the number of mines, quarries, or works producing in 1887, and of which returns have been received. They are believed to represent very nearly the total number of the producers in every case, except for coal, iron and steel, marble, building stone, lime, bricks, tiles and cement. A return of the total quantity of each mineral produced in the Provinces of Nova Scotia and British Columbia, has been furnished by the Department of Mines of these Provinces. The number of producers was not stated and the letters N. S. and B. C. indicate where these returns are included.

(b) Quantity marketed except when otherwise specified. The tons are of 2000 lbs.

(c) Market value less charges of transport from point of production.

Nova Scotia and British Columbia values have not been received but are estimated as above, except for grindstones.

(d) Quantity of fine copper manufactured from the ore of Capelton plus fine copper contents calculated from assay value in the other returns.

(e) Nova Scotia gold is estimated at \$19.50 an ounce and British Columbia gold at \$17 an ounce.

(f) This includes 6 rolling mills, 1 forge and also the Londonderry Iron Works. The returns from the 4 Montreal rolling mills and from another mill at St. John, N. B., have not been received and unfortunately render this statement incomplete.

(g) The value of the Nova Scotia ore is estimated at only \$25.00 per ton as the returned quantity is thought to include a certain amount of low grade ore used in making paint.

(h) Crude equivalent of the quantity (7,905,666 imp. gallons) of refined oils inspected, calculated at 100 galls. crude for 38 galls. refined. The direct returns received from 13 refineries give the quantity of illuminating oils and benzine and naphtha manufactured during the year as:—10,732,395 imp. gallons, worth \$1,022,739 and the actual corresponding consumption of crude returned as:—763,933 barrels.

(i) Direct returns; the value is taken at an average of \$13.50 a ton at the mines. This production is divided as follows:—

From Ottawa county mines.....	18,955 tons
From Ontario mines.....	4,735 "

Total.....	23,690 "
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which agrees very nearly with the Customs Department figure of export which is for the calendar year 1887:—23,152 tons with a declared value of \$433,217.

(j) In barrels of 280 lbs. it would be 429,807 brls. The value is that of the salt alone, exclusive of packages.

(k) Export returns plus \$116,318 estimated silver contained in the copper pyrites of the Capelton mines—altogether the total production is probably from six different mines.

(l) Return probably not quite complete.