

MINERAL PRODUCTIONS OF CANADA.

We give below in schedule form the amount and value of the mineral production of the Dominion since 1886. These totals were prepared by Elfric Drew Ingall, Mining Engineer in charge of this division of the Geological Survey Department, of which Prof. A. R. C. Selwyn is the Deputy Head and Director.

PRODUCTS	1886		1889.		1892		1893	
	Quantity.	Value	Quantity	Value	Quantity	Value.	Quantity	Value.
METALLIC.								
Copper	lbs 3,505,000	\$ 354,000	6,800,752	\$ 885,424	7,042,95	\$ 821,589	8,109,856	\$ 875,864
Gold	ozs 70,879	1,330,442	72,328	1,205,159	49,085	900,181	51,009	927,244
Iron ore	tons 69,708	120,982	84,181	151,640	103,248	254,206	124,702	298,018
Iron ore, Chromic	" 60	915						
Lead	lbs		165,100	6,604	1,205,420	49,422	2,135,023	80,996
Nickel	"				6,057,482	3,513,339	3,992,982	2,076,351
Platinum	ozs		1,000	3,500		3,500		1,800
Silver	ozs	209,090	383,318	343,848	305,026	264,510	414,975	321,423
Total value, metallic		\$ 2,021,459		\$ 2,686,175		\$ 5,807,049		\$ 4,581,696
NON-METALLIC								
Antimony ore	tons 665	\$ 31,490	55	\$ 1,100				
Arsenic	" 120	5,460						
Asbestos	" 3,458	206,251	6,113	426,554	6,042	388,462	6,473	313,866
Coal	" 2,091,970	5,017,225	2,719,478	5,584,182	3,290,897	7,181,61	3,719,170	8,422,299
Coke	" 35,390	101,940	54,539	155,043	56,135	160,249	161,700	61,078
Felspar	"				175	525	575	4,525
Fire clay	"		400	4,800		9,567	540	700
Graphite	" 500	4,000	242	3,160	167	3,763		
Grindstones	" 4,020	46,545	3,401	30,803	5,179	50,350	4,600	38,379
Gypsum	" 166,000	202,742	213,273	205,108	226,568	225,260	192,568	196,150
Limestone (flux)	"		22,122	21,900	22,067	21,492	27,797	27,519
Manganese ore	" 1,789	41,499	1,455	32,737	115	10,250	228	14,458
Mica	lbs 20,361	29,008	36,529	28,718		100,923		69,622
Mineral Pigments.								
Baryta	tons 3,864	19,270			315	1,260		
Ochres	" 350	2,350	791	15,280	380	5,050	1,070	17,710
Mineral water	galls		424,600	37,360	640,380	75,348	725,096	108,347
Molybdenite	lbs 150	156						
Moulding sand	"		170	850	175	700		1,000
Petroleum	bbls 486,441	137,797	639,991	612,101	779,753	982,489	798,406	834,331
Phosphate	tons 20,495	304,338	30,988	316,662	11,932	157,424	8,198	70,912
Precious stones	"					1,000		1,500
Pyrites	tons 42,906	193,077	72,225	307,292	59,770	179,310	58,542	175,626
Quartz	"							
Salt	" 62,359	227,195	32,832	129,547	45,486	162,041	62,324	195,926
Soapstone	" 50	400	195	1,170	1,374	6,240	717	1,920
Structural Materials								
Bricks	m 139,345	837,600	200,561	1,273,884	199,266	1,217,715	205,000	1,275,000
Building stone	c. yds 165,777	642,509	341,337	913,691	219,097	608,381	220,000	910,000
Cement	bbls		90,474	69,790	102,408	120,063	134,045	201,583
Flagstones	sq. ft 70,000	7,875	14,000	1,400	13,700	1,000	40,800	3,487
Granite	tons 6,062	63,369	10,197	79,624	18,202	64,951	22,521	94,393
Lime	bush 1,535,959	283,755	2,948,249	362,848	2,260,610	411,270	2,400,000	440,000
Marble	tons 501	9,900	83	980	340	3,600	590	5,100
Miscellaneous clay products		112,910		239,385				
Pottery	"					239,041		180,467
Roofing Cement	tons				800	12,000	951	5,441
Sands and gravels	" 124,865	24,226	283,044	52,647	298,364	85,635	329,116	121,795
Sewer Pipe	"					367,660		194,462
Slate	tons 5,345	64,675	6,935	119,160	5,180	69,070	7,112	90,825
Terra cotta	"					97,239		55,704
Tiles	m 12,416	142,617	10,526	134,265	15,689	190,857	16,000	191,000
Whiting	bbls 400	600						
Total value, non-metallic		\$ 9,096,719		\$11,162,110		\$13,234,267		\$14,391,291
" metallic		2,021,450		2,686,175		5,807,049		4,581,666
Estimated value of products unspecified or not reported		881,822		651,715		458,684		276,543
Grand Total		\$12,000,000		\$14,500,000		\$19,500,000		\$19,250,000

In the above table it may be remarked that the value of Nova Scotia and Ontario gold is computed at \$19.50, that of Quebec at \$18, and that of British Columbia and Yarker district at \$17 per ounce. The whole amount of coke came from Nova Scotia. Of the iron ore, in the year 1892, 96,948 tons were converted into pig iron, producing 42,443 tons, valued at the furnaces at \$637,421. In 1893, 124,053 tons were converted into pig-iron, producing 53,947 tons, valued at \$790,283. The amounts of mica mentioned represent exports plus the quantity sold to Canadian electrical works and stove founders.