

CANADA—DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH

CHRONOLOGICAL RECORD OF CANADIAN
MINING EVENTS FROM 1604 TO 1943

AND
HISTORICAL TABLES
OF THE
MINERAL PRODUCTION
OF
CANADA

*Reprinted from the Annual Report of the
Mineral Production of Canada, 1942*

Published by Authority of the Hon. James A. MacKinnon, M.P.,
Minister of Trade and Commerce



OTTAWA
EDMOND CLOUTIER
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1945

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FOREWORD

The Dominion Bureau of Statistics, Ottawa, receives many requests for statistics relating to the quantity and value of individual minerals produced annually in Canada during the period for which these statistics are available.

Tables containing this information for the Dominion were printed in the Annual Report on the Mineral Production of Canada for 1937 and similar tables for each province were printed in the 1938 Report.

This information has been brought up-to-date in the 1942 Report on the Mineral Production of Canada and the present reprint has been taken therefrom.

In addition, the historical tables have been prefaced by a Chronological Record of Canadian Mining Events from 1604 to the end of 1943.

The student of Canadian mining will, therefore, have in this booklet a readily accessible source of the available historical statistics showing the development of the mining industries of the Dominion.

S. A. CUDMORE,
Dominion Statistician.

DOMINION BUREAU OF STATISTICS

S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C., Dominion Statistician
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CHRONOLOGICAL RECORD OF CANADIAN MINING EVENTS, 1604—1943.

Year

- 1604—Discovery of iron and silver reported at St. Mary's Bay, Nova Scotia, by Master Simon, a mining engineer accompanying Champlain. Native copper was also reported to have been found at Cap d'Or.
- 1612—Sir Thomas Button entered Nelson River.
- 1654—Louis XIV granted a concession to Nicholas Denys to mine gold, silver, copper and other minerals on Cape Breton Island.
- 1672—Nicholas Denys reported the discovery of coal on Cape Breton Island.
- 1677—Intendant of New France, M. Duchesneau, proclaimed the imposition of a royalty of 20 sous per ton on coal mined in Cape Breton.
- 1711—Admiral Walker obtains coal in Cape Breton.
- 1720—First coal produced in Canada by regular mining methods on north side of Cow Bay, Cape Breton, N.S.
- 1724—Coal was exported from Cape Breton to Boston.
- 1732—La Verendrye reached Lake Winnipeg.
- 1737—Iron ores smelted on St. Maurice river, Quebec, by Cugnet & Cie or "La Compagnie des Forges."
- 1744—Publication of Bellin's map showing existence of silver-lead ores on Lake Temiskaming, Quebec, now known as the Wright mine.
- 1754—Hendry reached Saskatchewan River from Hudson Bay.
- 1770—Jesuit Fathers experimented with native copper found at Point Maminse, north shore Lake Superior.
Alexander Henry, English trader, formed a mining company, in which the Duke of Gloucester and other prominent Englishmen were partners, to develop minerals near Sault Ste. Marie, Ontario.
- 1771—Samuel Hearne, Hudson's Bay clerk, prospects the Copper Mine River area, Northwest Territories, for copper.
- 1779—Earliest recorded gypsum mining operations by settlers, Nova Scotia.
- 1782—Coal mined in vicinity of Grand Lake, New Brunswick.
- 1784—Government commenced systematic coal mining on northwest shore of Sydney Harbour, N.S.
- 1789—Sir Alex. MacKenzie discovers coal on Great Bear River, Northwest Territories.
- 1800—First iron furnace in Ontario erected in Leeds county at Furnace Falls (Lyndhurst) by D. Sherwood, S. Barlow, W. Sutherland and E. Jones.
David Thompson discovers coal on Saskatchewan river.
- 1813—Blast furnace erected by John Mason at Normandale, Norfolk county, Ontario, used unsuccessfully in treating bog ores.
- 1820—Blast furnace erected in Marmora twp., Hastings county, Ontario, by Mr. Hayes.
- 1822—First record of gypsum mining in Ontario, near Paris.
Normandale iron furnace commenced successful iron smelting operations in Ontario under Mr. Van Norman.
- 1823—Placer gold discovered on Chaudière River, Quebec, by a woman.
First gypsum mill operated in Ontario.
- 1826—General mining association formed in Nova Scotia.
- 1829—Lièvre river apatite deposits in Quebec discovered.
- 1830—First mining shaft in Nova Scotia sunk on Sydney main coal seam.
- 1835—Coal discovered at Suquash, Vancouver Island, through information supplied by Indians.
- 1840—First hydraulic cement made in Canada at Hull, Quebec.
- 1843—Geological Survey of Canada instituted under Sir Wm. Edmund Logan.
- 1846—Silver veins reported in vicinity of Thunder Bay, Lake Superior.
Ascanio Sobrero, Italian, first makes nitroglycerine.
Oil seepages reported on Gaspé Peninsula by Sir Wm. Logan.
- 1847—Normandale iron furnace in Ontario shut down owing to lack of ore and fuel.
First mention of copper ores in Eastern Townships, Quebec, in Geological report, 1847-48.
Gypsum mining operations commenced near Hillsborough, New Brunswick.
- 1848—Montreal Mining Company commenced mining at Bruce Mines, Ontario.
- 1850—Indians located Douglas coal seam at Nanaimo, B.C.
- 1852—August 24, J. W. McKay, Hudson's Bay Co. factor sent by James Douglas from Victoria to take possession of Nanaimo coal field and collect royalty from users of coal.
Free gold discovered in quartz at Mitchell harbour, Queen Charlotte Islands, causing the first auriferous quartz rush in British Columbia.
- 1853—March 26. Governor Douglas, Victoria, issued, as Lieutenant Governor of Queen Charlotte Islands, Crown Colony, the first proclamation relating to mining in British Columbia.
- 1855—Placer gold found at the mouth of Fend d'Oreille River, B.C., by ex-servants of the Hudson's Bay Company at Fort Colville.

- 1857—Sir James Hunter located coal on Souris river, Manitoba.
Placer gold reported at the junction of the Fraser and Thompson rivers, B.C.
December 28. James Douglas issued proclamation regarding working of gold mines located chiefly in the Kamloops, Ashcroft, and Vernon areas of British Columbia.
- 1858—Introduction of Canadian decimal currency.
Legislature of Nova Scotia obtained possession and control of mines and minerals of province.
First producing oil well on American continent opened in Lambton county, Ontario.
Discovery of placer gold in the lower reaches of the Fraser river, B.C., caused rush to Yale, Hope and Canyon by miners from California and other foreign parts.
- 1859—Passage of the Goldfields Act, British Columbia, Sept. 7.
Placer miners penetrate to Cariboo and Quesnel, B.C.
Canadian silver coinage issued.
- 1860—John Pulsiver discovered gold in Tangier district, Halifax county, N.S.
First drilling for oil in Gaspé, Quebec.
Pete Toy bar discovered at the Parsnip and Findlay rivers, B.C.
Crushing plant erected at Wellington Copper Mine, Ontario.
- 1861—Gold discovered in Oldham district, Halifax county, N.S.
- 1862—Gold discovered in Lawrencetown, Isaacs Harbour and Renfrew districts, N.S.
- 1863—Miners from State of Washington ascending the Kootenay, established Wildhorse Creek diggings, B.C.
Issue of a comprehensive Geology of Canada under Sir William Logan.
- 1864—Placer gold located on Leech Creek, B.C.
Copper claims staked on Howe Sound and Knight Inlet.
- 1865—Dewdney trail completed to Wildhorse from Hope, B.C., to enable gold escorts to reach Victoria on British territory.
Placer claims staked on Big Bend area of Columbia river, B.C., by former Cariboo miners.
Gold discovered in Mount Uniacke district, Nova Scotia.
Eustis mine opened in Eastern Townships, Quebec.
- 1866—First discovery of gold in Canadian Pre-Cambrian shield near Madoc, Hastings county, Ontario, known as Richardson mine, made by a Dutch prospector named Powell and associates. Thos. McFarlane discovered high grade silver ores in Ontario on an island in Lake Superior. (Silver Islet mine).
First recorded production of salt in Ontario, near Maitland river.
- 1866—Alfred Bernard Nobel discovered the method of making dynamite.
- 1869—Gold discovered in Fifteen Mile Stream district, Nova Scotia.
Gold discovered in Yukon river.
Salt produced at Seaforth, Ontario.
Transfer of Hudson's Bay Company Lands (Rupert's Land) to Dominion of Canada.
- 1870—First commercial shipments of apatite in Canada made from North Burgess twp., Ontario.
Montreal Mining Company sold Lake Superior mining lands, including Silver Islet.
- 1871—First recorded production of soapstone in Quebec from Bolton twp., Brome county.
Dominion Lands Survey Branch created.
Huronian mine (Moss) N.W. Ontario, located by Peter McKellar on advice of an Indian.
First staking of silver ores on Eureka Mt., near Hope, B.C.
- 1873—Dease Lake areas, B.C., staked for placer gold, first staker W. H. Smith.
Omineca placer mining area began to open up and Manson creek settlement established.
- 1877—Geological Survey of Canada recognized by Act of Parliament.
- 1878—Asbestos first mined in Quebec by Andrew Johnston (Johnston Asbestos Co.)
Gold discovered at Lake of the Woods, Ontario.
- 1879—Coal fields of the Crow's Nest Pass, B.C., opened.
- 1880—Geological Survey offices and museum moved from Montreal to Ottawa.
- 1881—Quebec Technical Mines Branch formed as division of Crown Lands Department.
Zenith zinc mine discovered, Nipigon district, Ontario.
- 1883—Copper-nickel ores discovered near Sudbury (Murray mine) by Thos. Flanagan.
Miners penetrated into the West Kootenay district, British Columbia, locating mines on Kootenay river and Kootenay lake.
- 1884—Worthington mine, Sudbury area, Ontario, discovered by F. C. Crean.
Silver Islet mine, Lake Superior, abandoned.
Kingdon lead mine deposits, Carleton county, Ontario, worked.
Thos. Frood and A. J. Cockburn discovered Frood mine, Sudbury area, Ontario.
Renaldo McConnell discovered copper-nickel ore in Snyder twp., Ontario.
- 1885—Samuel J. Ritchie organized Canadian Copper Company.
Copper Cliff mine, Ontario, discovered.
Henry Ranger located Creighton mine, Sudbury area, ore deposit first noted by Surveyor Salter and Geologist Murray.
- 1885—Canadian Pacific Railway completed.
John Chance staked Granite Creek placer deposits in British Columbia.
Cayoosh Creek placers staked in British Columbia.
James Stobie discovers Stobie mine, Sudbury area, Ontario.
- 1886—First shipments of coal from Lethbridge area, Alberta.

- 1886—First complete statistical returns issued by Geological Survey of Canada.
Incorporation of Canadian Copper Company.
First stakings in Boundary Creek area, British Columbia, by W. T. Smith.
First officially recorded Canadian mica production in Ontario and Quebec.
Stobie and Evans mines, Sudbury district, opened.
- 1887—R. W. MacArthur and Wm. Forest discovered cyanide process for gold extraction, at Glasgow, Scotland.
- 1888—Asbestos first milled in Quebec by Scottish Canadian Asbestos Co.
Coal discovered near Banff, Alberta.
Coal mining commenced at Canmore, Alberta.
First smelter blown in at Copper Cliff, Ont., December 24th.
Monarch mine on Canadian Pacific Railway at Field, B.C., opened.
Discovery of natural gas in Essex county, Ontario.
- 1889—Levack mine, Sudbury area, Ontario, discovered by James Stobie.
H. H. Vivian and Company of Swansea, Wales, started organized mining operations in Sudbury area.
Discovery of Leamington gas field in Ontario.
James Riley, Glasgow engineer, discovered the hardening and toughening effect of nickel in steel making.
Rossland Camp at head of Trail Creek, B.C., opened by staking of Lily May by Joe Bourjouis.
- 1890—Coal first mined in Turtle Mountain field, Manitoba. Vaden mine.
First smelter blown in at Murray mine, Sudbury. Matte shipped to Wales.
- 1891—First shipments from Rossland, B.C., to Colorado Smelting Works, Butte, Montana.
Sultana mine, Lake of Woods district, Ontario, opened, closed 1906.
The United States navy concluded successful experiments using nickel-steel for the first time as armour plate.
Bureau of Mines, Ontario, organized.
Garson Mine, Sudbury, discovered by John T. Cryderman.
- 1892—Col. R. M. Thompson developed the Orford nickel-copper separation process.
Dr. Ludwig Mond developed the Mond copper-nickel separation process.
Sullivan camp, B.C., commenced by staking of the Hamlet, etc., claims by Pat Sullivan, John Cleaver, E. C. Smith and W. C. Burchett.
- 1893—Kneehills coal mines, Alberta, opened.
Mikado mine, Lake of Woods district, Ontario, discovered.
- 1894—Pilot Bay smelter constructed and silver-lead-zinc mines of Ainsworth and Slocan, B.C., became active.
- 1895—Sullivan mine, B.C., commenced shipping.
- 1896—Salt produced in Dauphin Lake district, Manitoba; sold to settlers.
Iron ore bounties inaugurated.
Black Donald graphite mine, Renfrew county, Ontario, discovered and operated in 1897.
Discovery of placer gold in Klondike, Yukon Territory.
Hall mines smelter at Nelson, B.C., opened.
Iron Mask staked August 13 at Kamloops, B.C., by Geo. Breedson.
B.C. Smelting and Refining Company started smelting Rossland ores at Trail in February—
Promoters: D. C. Corbin and August Heinze.
- 1897—Pioneer mine, B.C., located September 6, by Wm. Allen.
- 1898—Atlin goldfields, B.C., discovered by prospectors turning aside from the Klondike gold rush; Rainy Hollow copper deposits discovered in same manner.
- 1898—Pioneer and other claims staked on Cadwallader Creek, B.C.
Britannia mine deposits, B.C., discovered by Oliver Furry.
- 1899—Helen iron mine, Ontario, opened by Algoma Steel Corporation.
Frood mine, Sudbury, opened.
Sunset claim, Copper Mountain, B.C., staked.
Granby Consolidated Mining, Smelting and Power Co., B.C., incorporated.
- 1900—Mond Nickel Company incorporated.
Corundum mining commenced in Renfrew county, Ontario.
Klondike gold production reaches maximum.
Nova Scotia Steel and Coal Co. acquire Sydney coal mines of General Mining Association.
April 1st, Grand Forks smelter started in B.C.
Bonanza mine, Observatory Inlet, B.C., discovered by Donahue and H. C. Flewin.
Granby smelter, at Greenwood Camp, B.C., blown in on August 21.
Tale mining started in Hastings county, Ontario.
- 1901—First wells drilled for natural gas in Medicine Hat field, Alberta.
Creighton mine, Sudbury area, commenced production.
Crofton smelter, B.C., started.
Britannia mine, B.C., started shipping concentrates to Tacoma.
Production of aluminium, Shawinigan Falls, Quebec.
Hidden Creek mine, Observatory Inlet, B.C., discovered by McMillan, Rudge and H. C. Flewin.
Boundary Falls smelter, B.C., started.

- 1901—Tye smelter, B.C., started.
First active development of gypsum deposits in Manitoba, the Manitoba Union Mining Company erecting a crushing and calcining mill on Portage Bay.
- 1902—Incorporation of International Nickel Company of New Jersey.
Marysville smelter, B.C., constructed.
Electrolytic lead (Betts process) made at Trail, B.C.
- 1903—High grade silver-cobalt minerals discovered at Long Lake, later known as the Cobalt Camp, Temiskaming district, Ontario.
St. Anthony mine, Sturgeon Lake, commenced producing.
Settlement of Alaska Boundary dispute.
Mining commenced at Hedley, B.C.
First recorded natural gas production in Alberta.
- 1904—Nipissing Mines incorporated.
La Rose Mine, Cobalt, started producing.
W. G. Trethewey located Trethewey mine, Cobalt, Ont.
Coniagas mine located, Cobalt, Ont.
Copper-gold ores discovered in Chibougamou district, Quebec.
- 1905—Atikokan iron mine, Ontario, equipped for production.
Buffalo mine, Cobalt, Ont., started operating.
First recorded shipment of Canadian fluorspar, Madoc, Ont.
Original test work on cyaniding cobalt ores in Canada carried out at School of Mining, Kingston, Ont. Mining commenced at O'Brien mine, Cobalt, Ont.
- 1906—January 18th. Consolidated Mining and Smelting Co. of Canada, incorporated.
Ontario Mining Act passed.
Discovery of gold by Ollier and Renault on Lake Fortune (Lake Fortune Mine), Quebec.
Silver discovered at Elk Lake, Ontario.
Gold discovered at Larder Lake, Ontario. Kerr-Addison, Chesterville, Dr. Reddick, Larder Lake Proprietary, Harris-Maxwell and many other properties staked.
First electrical mining equipment used in Canada installed at Creighton mine, Sudbury district, Ontario.
- 1907—Silver discoveries at Gowganda, Ont.
Silver discovered in South Lorraine, Ont.
Supplementary Revenue Act imposes tax on mining profits in Ontario.
Federal Department of Mines created under a Minister of Mines.
Silver and arsenic produced at Deloro, Ont., from silver-cobalt-nickel-arsenic ores of the Cobalt District of Ontario.
- 1908—First gold discovery in Porcupine area, Ontario, by H. F. Hunter.
Gold mills operated in Larder Lake District at Harris-Maxwell, Larder Lake Proprietary and Dr. Reddick properties; district was later dormant for several years.
First silver production from South Lorraine, Ont.
Branch of Royal Mint established at Ottawa, Ont.
First shipments of magnesite from deposits in Grenville twp., Quebec.
- 1909—Hollinger mine gold veins discovered by Benjamin Hollinger, John Miller and Alex. Gillies.
McIntyre mine veins, Porcupine, Ont., discovered by Alex. McIntyre.
Dome mine deposits, Porcupine, Ont., discovered by John Wilson and associates.
Cyaniding of low grade ores commenced at O'Brien mine, Cobalt, Ont.
- 1910—Premier mine, B.C., discovered by Bunting Bros. and Wm. Dilsworth.
Mixed nickel and cobalt oxides produced at Deloro, Ont.
- 1911—First gold discovery in vicinity of Kirkland Lake, Ont., made by W. H. Wright on what is now known as the Wright-Hargreaves mine.
Porcupine camp destroyed by fire with heavy loss of life.
Discovery of gold by J. J. Sullivan and H. Authier in Dubuisson twp., Quebec.
First recorded discovery of gold in Manitoba by Major E. A. Pelletier at Rice Lake.
First shipment of British Columbia gypsum used in cement manufacture.
Victoria Memorial Museum, Ottawa, completed.
Black Cobalt Oxide and Grey Cobalt Oxide first marketed from Deloro, Ont.
- 1912—Hollinger mine, Porcupine, commenced first milling operations.
Low grade cyanide process installed at Nipissing mine, Cobalt.
Copper Mountain claims, B.C., taken over by British Columbia Copper Co.
Natural gas production commenced in Stony Creek field, New Brunswick.
Harry Oakes staked ground later known as Lake Shore Mine at Kirkland Lake, Ont.
- 1913—Tough-Oakes mine, Kirkland Lake camp, Ontario, shipped high grade cobbed ore.
Gold discovered on Kirkland Lake properties known later as Lake Shore, Teck-Hughes, Kirkland Lake and Sylvanite mines.
Smelting of nickel ores commenced by Mond Nickel Co. at Garson, Ont., May 15.
Incorporation of British American Nickel Co., Ltd.
- 1914—Supplementary Revenue Act in Ontario changed to The Mining Tax Act.
Doctor T. O. Bosworth staked petroleum claims at Fort Norman, N.W.T.
Granby copper smelter, at Anyox, B.C., blown in.
Cyanidation first used in Kirkland Lake camp, at Tough-Oakes mine.
- 1915—Siscoe mine claims staked in Quebec by S. E. Siscoe.

- 1915—Flin Flon ore deposits discovered by Thos. Creighton representing the Hammell-Currie-Fasken syndicate.
Mandy mine, Manitoba, discovered.
- 1916—Construction commenced on nickel refinery at Port Colborne, Ont.
Incorporation of International Nickel Co. of Canada.
Falconbridge Nickel deposits, Sudbury district, Ontario, later known as Falconbridge Nickel Mines, discovered by drilling.
Pioneer mine, B.C., commenced drilling operations.
Electrolytic refined copper and zinc first produced at Trail, B.C.
- 1917—Teck Hughes mine, Kirkland Lake, started milling.
Mandy mine, Man., produces.
- 1918—Tough-Oakes mine temporarily closed.
Refined nickel produced in Canada at Port Colborne plant of International Nickel Co.
Premier mine, B.C., came into production.
- 1919—Lake Shore, Wright-Hargreaves, and Kirkland Lake mills commenced operations.
Ontario Department of Mines formed.
Smelter of British American Nickel Co. at Nickelton, Ont., and refinery at Deschenes Que., commenced operations.
L. Beauvet discovered silver-lead ores at Keno Hill, Mayo district, Yukon.
First salt shipments from Malagash deposits in Nova Scotia.
- 1920—Rock salt discovered at Fort McMurray, Alberta.
The first well, Discovery No. I, drilled at Fort Norman, N.W.T., by the Imperial Oil Company Ltd., petroleum found at 783 feet.
Mandy mine, Manitoba, suspends operations.
- 1921—Noranda ore deposits, Quebec, staked by Ed. Horne.
First shipment of silver-lead ores from Mayo, Yukon.
Rubber mill liners used at Nipissing mill, Cobalt, Ont.
- 1922—Amulet mine claims, Quebec, staked by McDonough Bros.
Rod mills appeared as milling equipment in Canadian mining plants.
Drilling commenced in Wainwright oil field.
- 1923—Granada mine claims, Rouyn, Quebec, staked by R. C. Gamble et al.
Sherritt-Gordon ore deposit staked by Carl Sherritt and Phillip Sherlett in January.
Red Coulee well first to reach oil in Sunburst formation, southern Alberta.
- 1924—British American Nickel Co. went into liquidation.
Royalite No. 4 well, Turner Valley, Alberta, brought into production.
Lithium ore discovered near Pointe du Bois, Manitoba.
- 1925—Discovery of gold in Red Lake district by Lorne Howey on what was later known as the Howey mine.
Silver-lead ores milled at Wernecke, Yukon.
Waite-Ackerman-Montgomery mine claims staked by H. Montgomery.
Allenby Copper Company took over Copper Mountain claims in August and shipped concentrates to Trail, B.C.
- 1926—Aluminium first produced at Arvida, P.Q., by Aluminum Company of Canada.
Falconbridge Nickel Mines incorporated.
- 1927—Noranda mine commenced shipping; smelter operated for first time.
Central Manitoba mine operated mill for first time.
Sherritt-Gordon mines incorporated in Ontario, July 5.
- 1928—Collapse of Worthington mine.
Waite-Ackerman-Montgomery mine started shipping.
Merger of Mond and International Nickel Companies.
Coniaurum mill, Porcupine camp, Ontario, commenced production in July.
March mine, Porcupine camp, Ontario, came into production.
Disastrous underground fire, in February, at Hollinger mine, Porcupine camp, Ontario, 39 lives lost.
Argonaut and Associated Goldfields suspended gold mining operations in Ontario.
Tough-Oakes-Burnside mine closed November 28.
- 1929—Canada's mineral production reached a record value of \$310,850,246.
Red Coulee field, Alberta, began petroleum production.
Siscoe gold mine, Quebec, started production.
New 300 ton mill of Monarch mine, B.C., started producing.
Dome mine mill, Porcupine camp, Ontario, destroyed in October by fire.
New surface plant at Froid mine, Sudbury, Ont., placed in operation.
Natural resources transferred to Manitoba and Alberta.
McIntyre mine, Porcupine, Ontario, erected small flotation plant.
- 1930—Gold discovered in Bannockburn township, Ontario, on what was later known as the Ashley mine.
Mill installed on Minto mine, Michipicoten, Ont.
New mill at Howey mine, Red Lake, Ont., commenced operations April 2.
Silver-radium ores discovered by G. Labine at Great Bear Lake, N.W.T.
Granada mine, Quebec, commenced production.
Manitoba, Saskatchewan and Alberta took over natural resources from Federal Government.

- 1930—Island Falls power plant, Manitoba, operated for first time, June 1.
 First refined zinc produced in November at Flin Flon, Manitoba, by Hudson Bay Mining and Smelting Co.
 First blister copper produced at Flin Flon, Manitoba, in December.
 New smelter of International Nickel Co. blown in at Copper Cliff, July 1.
 New electrolytic copper refinery of Ontario Refining Co. placed in operation at Copper Cliff, Ont.
 New Falconbridge Nickel Mines smelter blown in February 4, Sudbury, Ont.
 Bismuth first produced at Trail, B.C.
 Fuming plant constructed at Trail, B.C., for recovery of lead and zinc.
 Natural resources transferred to British Columbia and Saskatchewan.
 Copper Mountain Mine, B.C., closed down November 15.
 Canada attained position of the world's second greatest gold producer.
 Nitre cake and sulphuric acid produced regularly in new plant of Canadian Industries Limited at Copper Cliff, Ont.
 First discovery well drilled in Red Coulee Field, Alberta
- 1931—Toburn (Tough-Oakes) mine, Kirkland Lake, re-opened.
 Lake Shore mine, Kirkland Lake, Ont., installs 200 ton flotation unit in mill.
 Gold discoveries made in Swayze and Three Duck Lake areas, Ontario.
 Parkhill and Minto mines in Michipicoten district, Ontario, came into production.
 Gold discovered at Island Lake, Manitoba.
 Commercial production of fertilizer commenced at Trail, and smoke claims against Consolidated Mining and Smelting Company settled.
 Nipissing Mining Company, Cobalt, Ont., ceased mining silver-cobalt ores.
 Selenium produced for the first time in Canada by Ontario Refining Co. Ltd.
 Mining Corporation discontinued mining in South Lorraine, Ont.
 Keeley Silver mine, South Lorraine, Ont., closed.
 Canadian Copper Refiners Ltd., operated new copper refinery at Montreal East, Quebec.
 Regular production commenced by Sherritt-Gordon mill, Manitoba, April 1st.
 Equalization exchange premiums paid by Dominion Government to gold miners.
 Exports of gold bullion without licence prohibited by Dominion Government.
 Great Britain went off the gold standard on September 21, and was followed by many other countries.
 Big Missouri Mine, B.C., operated pilot mill.
 Nickel Plate mine, Hedley, B.C., closed down.
 Orford process plant completed at Copper Cliff, Ont.
 Copper converters at Port Colborne, Ont., closed down in August, preparatory to transferring Orford process to Copper Cliff.
 New Brunswick Power Commission plant came into operation in September, using Minto coal.
 Test shipments of Ontario lignite from Onakawana deposits, made to Germany.
- 1932—Ashley mine, Ontario, commenced gold production in October.
 Nickel output in Ontario greatly reduced.
 Kenty mine in Swayze area, Ontario, sank two shafts.
 O'Brien Cadillac mine, Quebec, commenced gold milling.
 Sherritt-Gordon, Manitoba, suspended mining operations in June.
 San Antonio gold mine, Manitoba, commenced production in May.
 Beattie gold mines, Quebec, commenced construction of mill.
 Treadwell Yukon Mining Co. commenced production of gold in new mill on Bussière claims in Quebec.
 The United States imposed duty of 4 cents per pound, in June, on foreign copper.
 McLeod River Mining Corporation operated gold dredge near Peers, Alberta.
 Salt produced commercially for first time at Neepawa, Manitoba.
 First commercial shipment of silver-radium ores from Great Bear Lake, N.W.T., silver ores being smelted at Trail, B.C.
 Silver reached a record low of 24.5 cents in New York, December 29.
 Eldorado Gold Mines commenced treatment of radium-bearing ores in new plant at Port Hope, Ont.
 Domestic Fuel Act expired June 20.
 Moss mine, Thunder Bay district, Ontario, commenced gold production.
 Mill at Braylorne mine, British Columbia, placed in operation.
 Gold discovered at God's Lake, Manitoba.
 Domestic copper sold in the United States, December 6, at 5 cents per pound, Connecticut an all time low for the metal.
 First officially recorded statistics of metal production for Saskatchewan.
 Treadwell Yukon mill at Wernecke, Yukon, permanently shut down and camp abandoned.
 Union of South Africa abandoned gold standard, December 28, 1932.
 Small oil refinery operated at Fort Norman, N.W.T.
 Gem Lake and Cryderman mines, Manitoba, commenced milling.
- 1933—United States ratified the silver agreement of the London Economic Conference December 22.

- 1933—Amalgamation of Toronto and Standard Mining Stock Exchanges agreed upon.
 Salt produced at Simpson, Sask.
 Macassa mine, Kirkland Lake, Ontario, commenced milling.
 United States went off gold standard April 19.
 Cariboo Gold Quartz Mining Co. commenced production near Barkerville, British Columbia.
 First absorption plant put into operation in Alberta to extract liquids from Turner Valley gas.
 Milling commenced at Island Lake mine, Manitoba.
 Milling commenced at San Antonio mine, Manitoba.
 Monarch mine, Field, British Columbia, resumed production.
 Beattie Gold Mines, Quebec, commenced production of concentrates.
 Port Hope radium refinery in Ontario came into production; radium and uranium compounds produced commercially in Canada for the first time.
 Green-Stabell Gold Mine, Quebec, commenced milling.
 Oro Grande mine, Manitoba, commenced milling.
 Reno mine, British Columbia, resumed production after destruction of mill by fire.
 Seal Harbour Gold Mines Ltd. commenced operations in Nova Scotia.
 Montague Gold Mines Ltd. commenced work in Montague district, Nova Scotia.
 Gem Lake mines, Manitoba, taken over by Diana Gold Mines Ltd.
- 1934—Perron gold mine commenced milling in July—northwest Quebec.
 A well, Century 1, completed in Turner Valley, Alberta, produced crude oil instead of naphtha-laden gas.
 Fifty ton amalgamation mill came into production at McWatters mine, northwest Quebec.
 Milling commenced at Sullivan mine, northwest Quebec, in May.
 Milling commenced at Little Long Lac mine, Ontario, November 24.
 Milling commenced at J. M. Consolidated mine, Patricia district, Ontario, in May.
 Milling commenced at Northern Empire mine, Ontario, March 13.
 Milling commenced at Matachewan Consolidated Mine, Matachewan district, Ontario.
 Milling commenced at Young-Davidson mine, Matachewan district, Ontario, on September 8.
 Milling commenced at Central Patricia mine, Patricia district, Ontario, on May 27.
 Tetreault mine, Portneuf county, Quebec, resumed production in November.
 First actual production of selenium in Quebec; recovered by Canadian Copper Refiners Ltd. from anode copper from Noranda smelter.
 Lloydminster No. 1 first commercial gas well in Saskatchewan came in at 1,975 feet, Lloydminster, March 30.
 Lloydminster first town in Saskatchewan to use natural gas.
 Discovery of gold south of Beaverlodge Lake, Saskatchewan, by C. Nyman or Tom Box. January 31, the President of the United States issued a Proclamation reducing the gold weight of the United States dollar from 25.8 to 15 5/21 grains, 0.9 fine.
 Dominion Tax on gold came into effect April 19.
 Bralorne mill, British Columbia, capacity increased and late in year milling was commenced at the Dentonia, Island Mountain and Kootenay Belle properties.
 Operations at Oro Grande mine, Manitoba, taken over by Beresford Lake Mines Ltd. Production suspended.
 Guysboro Mines Ltd., Goldenville, Nova Scotia, commenced operations in July.
 Rock wool industry established in Canada.
 Operations resumed at Rex mine, Manitoba.
 Operations resumed at Gem mine, Manitoba, by Diana Gold Mines Ltd.
- 1935—Monarch mine, Field, British Columbia, suspended milling on December 5.
 Treadwell Yukon Company Limited installed a new mill at Elsa mine, Mayo district, Yukon.
 Chromite ore smelted by Chromium Mining & Smelting Corporation Limited at Sault Ste. Marie, Ontario.
 Operations suspended at Canusa mine, Porcupine district, in September.
 Dominion Government transferred gold held against Dominion notes to Bank of Canada.
 Milling commenced at Pickle Crow mine, Patricia district, Ontario, on May 1.
 Milling commenced at Ross mine, Hislop township, Ontario, on January 1.
 Milling commenced at McKenzie Red Lake mine in February.
 Bank of Canada commenced operations on March 11.
 Silver held by Dominion Government transferred to Bank of Canada.
 United States Government's buying price of domestic silver raised to 77.57 cents in April.
 Gold bullion tax discontinued after May 31 and depletion allowances revised for payments of gold mining dividends.
 British Metals Corporation resumed operations in October at Sterling mine in Nova Scotia.
 In northwest Quebec, the Arntfield, Canadian Malartic and Lamaque gold mines came into production.
 Gold-bearing veins discovered in Sachigo River area, Patricia district, Ontario.
 In British Columbia, new mills came into production at Ymir Yankee Girl, Second Relief and Sheep Creek gold mines.

- 1935—First actual production of tellurium in Quebec; recovered from anode copper from Noranda smelter.
 Milling commenced at God's Lake mine, Manitoba, in September.
 Milling suspended at Island Lake mine, Manitoba.
 Colony gas wells Nos. 1, 2 and 3 came in at Lloydminster, Saskatchewan.
 Rt. Hon. Sir Montague Barlow, Bt., appointed September 13 by Alberta Government to report on Alberta coal mining industry.
 Bralorne and Bradian mines consolidated in British Columbia.
 The Granby Consolidated Mining, Smelting and Power Company closed down its Anyox operations in August and the company went into voluntary liquidation.
 Explosion at Lethbridge Collieries, Alberta, December 9—16 men killed.
 Milling of ore from the Nickel Plate mine, British Columbia, (Kelowna Exploration Co.) was resumed after some years of inactivity and the capacities of Cariboo Gold Quartz and Island Mountain mills were increased.
 Granda Gold Mines, western Quebec, suspended production.
 Discovery of natural gas at Kakwa, Saskatchewan.
 Consolidated Mining & Smelting Company of Canada Ltd. commenced gold mining operations at Caribou, Nova Scotia, in August.
- 1936—Imperial coal mine, Coalhurst, Alberta, abandoned.
 Pembina Peerless Colliery, Evansburg, Alberta, closed.
 Shawkey mine, northwest Quebec, brought into production in February.
 First cyanide gold mill erected in Nova Scotia, at Seal Harbour mine.
 Perron Mines, northwest Quebec, brought new 125 ton mill into production in February.
 Stadacona-Rouyn mine, northwest Quebec, brought into production in November.
 Mining claims staked in Quebec reached an all-time high record of 17,503.
 Ashley mine, Ontario, closed down in July.
 Pamour mine, Porcupine district, Ontario, went into production in May.
 Ardeen mine, Moss township, Ontario, closed down in December.
 Red Lake Gold Shore mine came into production in August.
 Argosy mine, Ontario, opened 125 ton mill in July.
 Extensions made to both International and Falconbridge Nickel Companies' plants.
 Gunnar gold mine, Manitoba, commenced production in May.
 Rex mine (Laguna) Herb Lake, Manitoba, resumed production in August.
 Clean-up operations conducted and final shipments made at Anyox copper mine, British Columbia.
 Copper Cliff smelter enlarged by two furnaces and seven converters.
 Ore dressing plant, mill and smelter at Falconbridge Nickel Mines enlarged.
 Turner Valley Royalties No. 1 brought in as the first big crude oil producer in Turner Valley field.
 Cadmium metal produced for first time by Hudson Bay Mining & Smelting Company at Flin Flon.
 Amendment to Income Tax Act in May exempted new producing metal mines for 3 years.
 Thompson Cadillac mine, western Quebec, commenced milling in June.
 Belleterre mine, western Quebec, commenced milling in October.
 Road from Amos to Val d'Or, Quebec, completed.
 Milling capacity increased to 325 tons a day at San Antonio mine, Manitoba.
 Adolph Studer discovered gold in September at Sulphide Lake, Saskatchewan.
 25 ton gold mill erected on Monarch claim, Amisk Lake, Saskatchewan.
 In British Columbia production was resumed at the Surf Inlet mine. New mills began operating in British Columbia at the Bayonne, Hedley Mascot and Wesko mines and the flotation mill at Kootenay Belle was replaced by a cyanide mill of greater capacity.
 The Dentonia flotation mill, British Columbia, ceased operating.
 Production of elemental sulphur and other products from lean roaster gases was commenced on a commercial scale at the Trail smelter.
 Important gold discovery at O'Brien mine, Cadillac township, western Quebec.
 Cave-in at Moose River gold mine, Nova Scotia—April.
- 1937—Milling commenced in July at Delnite, mine, Porcupine district, Ontario.
 Milling commenced at Raven River mill, Larder Lake district, Ontario.
 Sand River mine, Thunder Bay district, Ontario, came into production.
 Gurney gold mine, Manitoba, came into production in October.
 Production resumed at Sherritt-Gordon mine, Manitoba, on August 1.
 Production resumed at Copper Mountain mine, Allenby, British Columbia, in June.
 Bousquet and McMillan mines, Sudbury district, closed.
 New Golden Rose cyanide mill, Temagami district, Ontario, completed.
 Tashota mine, Ontario, closed down in October.
 Gold Eagle mine, Patricia district, completed mill in October.
 Hudson Patricia mine, Patricia district, closed.
 Milling commenced at Bankfield mine, Ontario, in June.
 Aldermac mine, western Quebec, resumed production in January.
 Sigma mine, western Quebec, commenced milling in March.
 Powell Rouyn mine, western Quebec, went into production, first shipment in June.

- 1937—Waite-Amulet mines, western Quebec, resumed production in June.
Cournor mine, western Quebec, resumed production.
Normetal mine, western Quebec, went into production in September.
Tetreault mine, Portneuf county, Quebec, closed.
Mining claims staked in Quebec reached an all-time high record of 18,841.
Goldfield, Saskatchewan, officially created a village in September.
Western Gem coal mine, Drumheller, Alberta, abandoned.
Regular mining and milling operations suspended at Central Manitoba mines, July 8.
First commercial shipment of lithium minerals in Canada made from Pointe du Bois district, Manitoba.
Gold Clauses Act passed (obligation to pay in gold not required).
Nova Scotia Government reopened Lacey mine as a training project.
Colliery No. 20 opened at New Aberdeen, Nova Scotia, by Dominion Coal Co.
New gold mills commenced operating at Polaris Taku (November), and Durango mines British Columbia.
The Quebec legislature passed a law enacting that a company must be constituted by a Quebec charter to acquire mining rights belonging to the Crown.
Beresford Lake Mines Ltd., Manitoba, resumed production in December.
Natural gas discovered at Kamsack, Saskatchewan.
- 1938—Mesabi mine, Kirkland Lake district, came into production in May.
Gas explosion at Hinton Collieries, Hinton, Alberta, March 30.
A vocational mine school was organized by Quebec Bureau of Mines at Gale mine.
A substantial deposit of copper-zinc ore discovered at Amulet mine, Quebec.
Rouyn-Louvincourt road completed in western Quebec.
Tionaga mine, Sudbury district, Ontario, came into production.
Parkhill and Algold mines, Algoma district, Ontario, closed down.
Morris Kirkland mine ceased operations in July.
Madson Red Lake mine came into production in August.
Sachigo River mine, Patricia district, Ontario, started milling in May.
Consolidated-Rycon mill came into production in September—Yellowknife, Northwest Territories.
Hasaga mines, Red Lake, Ontario, took over Red Lake Gold Shores mill.
Privateer and Spud Valley mines, Zeballos district, British Columbia, commenced milling in the latter part of the year.
Gold Belt mine in the Sheep Creek camp, British Columbia, commenced milling.
Milling ceased at the Durango and Wesko properties, B.C.
Queens Mines Ltd. commenced operations during January in Molega district, Nova Scotia.
British Metals Corp. (Canada) Ltd. closed down mining operations at Stirling, Nova Scotia in February.
Moneta mine, Porcupine district, brought into production in January.
Big Missouri mill in Portland Canal area, British Columbia, came into production in May.
Development of Box mine near Goldfields, Saskatchewan.
Cariboo Hudson mine, British Columbia, commenced producing.
New mines commencing production in Quebec were the East Malartic, Francoeur, Halliwell, Lapa Cadillac, Lake Rose, Pan Canadian, Payore and Sladen-Malartic.
C.N.R. Bonnetterre-Rouyn line completed in northwest Quebec.
Commercial production of mercury at Mud Creek, British Columbia.
Hallnor mine, Porcupine district, Ontario, brought into production in June.
Milling commenced in June at Golden Gate mine, Kirkland Lake district, Ontario.
Upper Canada mine, Kirkland Lake district, Ontario, came into production.
Kerr-Addison mine, Larder Lake, commenced milling on May 2.
Cline mine, Algoma district, Ontario, commenced milling in July.
McLeod-Cockshutt and Hardrock mines in Thunder Bay district, Ontario, started milling and Magnet mine shipped ore.
Gold discovered at Thompson, Wray and Russell Lakes, Northwest Territories.
Straw Lake Beach mine, Kenora district, Ontario, started milling.
Lapa Cadillac mine, western Quebec, commenced milling in August.
East Malartic mine, western Quebec, commenced milling in November.
Tombill mine, Thunder Bay district, came into production in February.
Discovery of bessemer grade hematite ore at Steep Rock Lake, Atikokan, Ontario, reported in March.
Tungsten mine opened at Goff, Nova Scotia.
Colliery No. 18 opened at New Waterford, Nova Scotia, by Dominion Coal Co.
Sladen Malartic mine, western Quebec, commenced milling in January.
Pan Canadian mine, western Quebec, went into production in May.
Payore mine, western Quebec, commenced milling in June.
Lake Rose mine, western Quebec, commenced milling in June.
Francoeur mine, western Quebec, went into production in August.
A Superior School of Mines, Geology and Metallurgy established in Quebec city.
Canadian Kaolin Silica Products Ltd. remodelled and enlarged its silica plant at St Remi, Papineau county, Quebec; daily capacity increased to 500 tons.

- 1938—Belleterre Quebec Mines Ltd. completed the erection of a hydro-electric power plant on Winneway River, Guillet township.
Oil found in wells at Lloydminster and Vara, Saskatchewan.
- 1939—New Gold Clauses Act passed.
Negus mine, Yellowknife, Northwest Territories, came into production in February.
Eustis mine, Quebec, closed permanently.
Export of copper, lead, zinc and various other metals and minerals prohibited without licence.
New Helen iron mine, Michipicoten district, Ontario, resumed production.
King George and Queen Elizabeth visit Frood mine, Sudbury, Ontario, June 5.
September 1, German army invades Poland.
September 3, Germany and Great Britain at war.
September 10, Canada declared war against Germany.
Income Tax amendment afforded tax credit to mining industry as a whole.
Amm gold mine, western Quebec, went into production in March.
Moosha mine, western Quebec, went into production in August.
Malartic Gold Fields mine, western Quebec, commenced milling in December.
Chesterville mine, Larder Lake, Ontario, came into production in June.
Tyranite mine, Matachewan district, Ontario, came into production in June.
Ronda mine, Sudbury district, Ontario, produced from January to August.
Preston East Dome mine, Porcupine district, Ontario, came into production in March.
Magnet Consolidated Gold Mine, Thunder Bay district, Ontario, commenced milling in July.
Uchi mine, Patricia district, Ontario, commenced milling in May.
Cochenour Willans, Patricia district, Ontario, came into production in March.
Kenricia mine, Kenora district, Ontario, started milling in July.
Agwa mine, Ontario, began milling in July, closed down September 30.
Nova Scotia Government opened a rehabilitation project in the fifteen mile stream district.
Guysborough Mines Limited open new mine at Lake Charlotte, Nova Scotia.
Tungsten mine at Indian Path, Nova Scotia, reopened by Siseoe Gold Mines Ltd.
Wood Cadillac mine, western Quebec, commenced milling in December.
Bay View Colliery No. 8 opened at Joggins, Nova Scotia, by Joggins Coal Co. Ltd.
Central Cadillac mine, western Quebec, commenced milling operations in November, using Thompson-Cadillac mill.
Quebec Government established an ore sampling plant at mine school.
Waite-Amulet Mines Ltd. built a new mill at Amulet mine.
Canadian Refractories Limited started development of large brucite deposits in Gatineau district of Quebec.
De Santis mine, Porcupine district, Ontario, commenced milling in July.
Broulan mine, Porcupine district, Ontario, commenced milling in November, using Mace mill.
Porcupine Lake mine closed down in April.
Mace mine, Porcupine district, Ontario, closed down in November.
New 150 ton mill of Upper Canada Mines, Kirkland Lake district, started.
Raven River mine ceased milling, Larder Lake, Ontario, in July.
Kerr-Addison mine, Larder Lake, Ontario, increased mill to 900 tons.
Tionaga mine, Sudbury district, Ontario, closed down in May.
Lebel Oro mine, Sudbury district, Ontario, closed down in October.
Algoma Summit mine, reopened under name of Magino.
Minto mine, Algoma district, Ontario, closed down July 31.
Ranson mine, Algoma district, started in July.
Hiawatha mine, Algoma district, Ontario, suspended operations in July.
Jellicoe mine, Thunder Bay district, Ontario, commenced ore shipments to Magnet mill in August.
Berens River mill, Patricia district, Ontario, started September 8.
Elora mill, Kenora district, Ontario, closed down in September.
Cordova mine, Hastings county, Ontario, resumed production in December.
Laguna (Rex) mine, Manitoba, suspends operations in December.
Gurney mine, Manitoba, suspends operations in November.
Flin Flon mine increases output to 5,200 tons a day.
Box mine mill, Goldfields, Saskatchewan, commenced operating in July.
Hillcrest Collieries, Alberta, abandoned.
Commercial production of tungsten concentrates at Wells, British Columbia, by Columbia Tungsten Co. Ltd.
Canadian War Supply Board commenced operations September 25.
Canadian Foreign Exchange Board formed September 15.
First Canadian troops landed in United Kingdom December 17.
Russia invaded Finland November 30.
Late in the year mills were completed at the Central Zeballos and Mont Zeballos properties in British Columbia.
Coalmont Collieries, British Columbia, ceased operations in April.

- 1939—Shipment of bentonite made from a deposit 7 miles northwest of Morden, Manitoba.
 J. A. Coulombe reopened the Coulombe Titanic Iron Mine near St. Urbain, Charlevoix county, Quebec.
 Montague Gold Mines Ltd. ceased operating during May in Nova Scotia.
 Canadian base metals producers agree to supply the Imperial Government with copper, lead and zinc at prices prevailing shortly before the war.
- 1940—January 15, Canada's first publicly offered war loan placed on market.
 January 20, details of British Commonwealth Air Training Plan announced.
 February 25, first R.C.A.F. squadron landed in England.
 April 9, Canadian Government announced the formation of the Department of Munitions and Supply.
 May 10, Germany invaded Belgium, Holland and Luxemburg.
 June 4, evacuation of B.E.F. from Dunquerque.
 June 25, France ceased hostilities.
 June 10, Italy declared war on Britain and France.
 July 2, establishment of Wartime Industries Control Board at Ottawa.
 In Quebec the Amm and Moosha Gold Mines ceased production and the Pandora and Senator-Rouyn mines produced bullion for the first time.
 Cordova and Addington gold mines in eastern Ontario closed down.
 Aunor Gold Mines Ltd., Porcupine camp, Ontario, in January shipped bullion for the first time.
 Broulan Porcupine mines, Ontario, erected a new mill.
 Faymar Porcupine mine, Ontario, commenced milling in April.
 Hollinger Cons. Gold Mines Ltd. erected the first concrete headframe in Canada.
 Jellicoe Mines Ltd., Ontario, ceased operations.
 McMarmac Red Lake Gold Mines Ltd., Ontario, came into production in October.
 J. M. Consolidated Gold Mines Ltd., Ontario, ceased operations April 24.
 Jason Mines Ltd., Ontario, resumed operations at the old Argosy mine in June.
 Operations ceased at the Kenricia mine, Ontario, May 31.
 Upper Seine Gold Mine, Ontario, resumed production.
 Pamon Gold Mines Ltd. re-opened Monarch mine, Amisk Lake, Saskatchewan.
 Hydro-electric plant completed by Consolidated Mining & Smelting Co. of Canada, Ltd., at Prosperous Lake, Northwest Territories.
 Slave Lake Gold Mines Ltd. resumed operations in Northwest Territories in September.
 Mercury gold mines, Northwest Territories, carried on exploration work.
 Canadian Industrial Minerals Ltd. discovered important barite deposit in October at Pembroke, Hants county, Nova Scotia.
 East deposit of Sherritt-Gordon Mines Ltd., Manitoba, came into production.
 Milling re-commenced at Monarch mine, B.C. January 15.
 Eldorado mine, Northwest Territories, temporarily closed June 18.
 Consolidated Mining & Smelting Company of Canada, Ltd., commenced production in June of mercury at Pinchi Lake, British Columbia.
 Canada banned exports of copper except to Great Britain.
 Publication of statistics relating to Canadian production of strategic metals and minerals banned in December.
 August 17-18, Ogdensburg conference.
 September 9, second Canadian war loan offered.
 Norwegian Nickel refinery of Falconbridge Nickel Mines Ltd. seized by Germans; company's matte now treated by International Nickel Company of Canada Limited.
 Operation of Western Exploration Company mill at Silverton, British Columbia, resumed in September.
 Nicolet Asbestos Mines, Tingwick township, Quebec, resumed production in April.
 The Quebec Legislature repealed the law passed in 1937 enacting that a company had to be incorporated under a law of the province to acquire mining rights on land forming part of public domain.
 The Quyon Molybdenite Company Ltd. started production at the Moss mine, Onslow township, Quebec.
 The Quebec Legislature passed the Unwrought Metal Sales Act to facilitate the suppression of illegal traffic in precious metals.
 The Senneterre-Mont Laurier highway, Quebec, was opened to traffic.
 Century mine, Elbow Lake, Manitoba, installed a century mill and produced some gold in July.
 San Antonio mine, Manitoba, increased daily production to 550 tons in September.
 Beresford Lake Mines Ltd., Manitoba, discontinued production in October.
 50-ton sodium sulphate plant was erected at Sybouts Lake, Saskatchewan.
- 1941—August 14, "Atlantic Charter" declaration.
 June 22, Germany attacked Russia.
 August 29, Canada instituted sweeping controls of prices and sale of goods.
 December 7, Japan attacked United States' possessions in the Pacific.
 December 11, German and Italian declarations of war on United States, followed by similar action on the part of the United States.

- 1941—Canadian Wartime Mine Shop Association formed in May.
 Seal Harbour Gold Mines, Nova Scotia, closed down.
 Senator-Rouyn completed its new mill in April.
 Morris Kirkland Gold Mines, Ontario, closed down in December.
 Hoyle Gold Mines, Ltd., Ontario, commenced milling in January.
 Mic Mac Mines, western Quebec, commenced construction of a mill.
 West Malartic mines, western Quebec, commenced erection of a mill.
 The Quebec Government completed, in October, the erection of a hydro-electric power plant in Laudanet township, western Quebec.
 New plant using vacuum process erected by Neepawa Salt Co., Manitoba, for greatly increased salt production.
 Natural gas piped to Kamsack, Saskatchewan.
 Discovery of glass sands at Red Deer River, Saskatchewan.
 J. Purdy discovered an important deposit of muscovite mica on Lot 6, Concession 2 of Mattawan township, Nipissing district, Ontario.
 Canadian Industrial Minerals Ltd. commence milling barite at Pembroke, Nova Scotia, in May.
 First fluorspar mined in Nova Scotia at Lake Ainslie by North American Chemical Company.
 Bonetal Gold Mines Ltd., Ontario, shipped ore in November.
 New Golden Rose mine, Ontario, closed in September.
 500-ton mill at Jerome mine, Ontario, commenced operating in August.
 St. Anthony mine, Ontario, closed in December.
 Northern Empire Mines Ltd., Ontario, ceased operations.
 Operations ceased at the Upper Seine mine, Ontario.
 Operations at the Gold Eagle mine, Ontario, ceased September 12.
 Mining ceased at Howey mine, Ontario, November 3.
 Straw Lake Beach Mines ceased operations in July.
 The Howe Sound Exploration Co. explored its Snow Lake property, Manitoba.
 Preview Mines Ltd. operated a small gold mill at Sulphide Lake, Saskatchewan.
 Clean-up operations were conducted at the Windpass mine, British Columbia.
 Milling ceased at Relief Arlington mine, British Columbia, June 28.
 Milling commenced at Ptarmigan mine, Northwest Territories, November 27.
 Milling commenced at Thompson-Lundmark mine, Northwest Territories, August 19.
 Golden Manitou Mines Ltd., Quebec, commenced erection of a mill.
 Lake Geneva Mining Co. Ltd., Ontario, conducted mining and milling from August 1.
 Zincton Mines Ltd., British Columbia, exported zinc concentrates.
 Aluminum Company of Canada Ltd. erected a plant at Wakefield, Quebec, for the production of brucite granules.
 Tin produced commercially for the first time in Canada; recovered at Trail, British Columbia, by the Consolidated Mining & Smelting Company of Canada, Ltd.
 Magnesium powder produced at Trail, British Columbia, by Consolidated Mining and Smelting Company of Canada, Ltd.
 Old Josephine iron mine, Algoma district, Ontario, being developed.
 Battle of Britain began June 7.
 Strike of miners at Kirkland Lake, commenced November 18.
 Lend-Lease Act passed by United States Congress, March 11.
 Reno Gold Mines mill, British Columbia, shut down late in the year.
 Refinery of Abasand Oils Ltd., commenced operating near Fort McMurray, Alberta; plant destroyed by fire in November.
- 1942—March 6, Prime Minister King announced approval of construction of Alaskan Highway.
 Wartime Metals Corporation formed in Canada.
 West Malartic, Mic Mac and Golden Manitou mines came into production in Quebec.
 Arntfield mine, Quebec, closed in April.
 Abasand Oils Ltd., rebuilt refinery at Fort McMurray, Alberta.
 Wood Cadillac mine, Quebec, closed in June.
 Pandora mine, Quebec, closed in August.
 Cournor mine, Quebec, suspended operations at midyear.
 Operations suspended April 14 at Golden Gate and Crescent mines, Ontario.
 Mining operations suspended at the De Santis, Faymar, Nakhodas and Naybob properties, Porcupine district, Ontario.
 Hollinger Gold Mines, Ontario, completed a scheelite mill.
 Tyranite mine, Ontario, suspended operations July 31.
 Operations suspended at Rundle mine, Ontario, July.
 Renabie property, Ontario, closed in May.
 Cline Lake mine, Ontario, closed in November.
 Production at Bankfield mine, Ontario, ceased August 30.
 Operations ceased at Tombill and Elmos mines, Ontario, in November.
 Operations ceased at Sturgeon River mine, Ontario, in October.
 Sand River mine, Ontario, closed August 26.

- 1942—Goldorel mine plant, Ontario, destroyed by fire.
 Jason mine, Ontario, closed down October 10.
 Gunnar Gold Mine, Manitoba, closed in June.
 Box mine, Saskatchewan, closed August 15.
 Polaris-Taku mine, British Columbia, closed in April.
 Big Missouri mine, British Columbia, ceased operations in October.
 Surf Inlet, mine, British Columbia, ceased operations in November.
 Bayonne mine, British Columbia, closed August 31.
 Production of scheelite concentrates began early in the year at the Red Rose property, Hazelton, British Columbia.
 Buccaneer mine, British Columbia, closed August 11.
 Central Zeballos mine, British Columbia, closed July 7.
 Homeward mine, British Columbia, closed February 7.
 Musketeer mine, British Columbia, closed July 23.
 Mount Zeballos mine, British Columbia, closed April 30.
 Spud Valley mine, British Columbia, closed June 30.
 Vancouver Island Drilling & Exploration Mine, British Columbia, closed October 15.
 Ymir Yankee Girl mine, British Columbia, closed October 31.
 New Calumet Mines carried on an extensive development program in Quebec.
 Ptarmigan mine, Northwest Territories, closed in September.
 Ruth mine, Northwest Territories, milled from August 1 to August 12.
 International Tungsten Mines Ltd. (Slave Lake Gold Mines) operated only during first eight months of the year.
 New copper deposit explored near Lennoxville, Quebec, by Aldermac Copper Corp. Ltd.
 Miners' strike at Kirkland Lake ended February 11.
 Coal miners in Cape Breton commence a week-long strike April 14.
 Extension of National Selective Service March 24.
 Indium produced in Canada for the first time at Trail, British Columbia.
 Plant of Dominion Magnesium Ltd. near Renfrew, Ontario, came into production in September.
 Important molybdenite deposits discovered by Dome Exploration Co. in Pressiac township, Quebec.
 Kootenay Bell mine, British Columbia, ceased milling late in year.
 The Tetreault mine, at Montauban-les-Mines, Portneuf county, Quebec, was re-opened by Siscoe Metals Ltd.; production started in August.
 Wartime Metals Corporation re-opened the old molybdenite reduction plant in LaCorne township, Quebec.
 Wartime Metals Corporation re-opened the Belanger chromite mine, in Coleraine township, Quebec, and commenced erection of a mill.
 Chromite Limited, Cleveland township, Quebec, commenced production of chromite concentrate.
 The Quebec Department of Mines erected a scheelite mill at the mine school near Val d'Or. For the first time the value of the annual mineral production of the province of Quebec reached the \$100,000,000 mark.
 Extensive deposits of chromite discovered in June, in Bird River area, Manitoba.
 Ogma mine, Manitoba, ships gold ore to Gunnar mill.
 Manitoba permits employment of women for surface work at mines, July.
 Successful operations carried out in the production of peat moss for agricultural purposes from Julius bog, Moss Spur, Manitoba.
 250-ton sodium sulphate plant erected at Alsask Lake, June.
 Port at Goldfields, Saskatchewan, closed December 31.
 Pamon gold mine plant, Saskatchewan, destroyed by fire May 13.
 Eldorado pitchblende mine, Northwest Territories, re-opened in April.
 Sherritt-Gordon mine, Manitoba, produced zinc concentrates, June.
 United States established a price of 71.11 cents an ounce for silver produced in the United States; foreign silver 45 cents per ounce.
 Seal Harbour Gold Mines Ltd. ceased operations in Nova Scotia.
 Guysboro Mines Ltd., Nova Scotia, suspended operations.
 Canol project started early in summer near Fort Norman, N.W.T., through military necessity; 14 wells, showing petroleum, drilled during year.
- 1943—Mandy mine, Manitoba, re-opened by Emergency Metals Ltd., produced concentrate in April.
 Naybob mine, Porcupine district, Ontario, closed in January.
 Moneta mine, Porcupine district, Ontario, closed in August.
 Hoyle mine mill, Porcupine district, Ontario, destroyed by fire in July.
 Yama mine, Larder Lake, Ontario, closed in February.
 Young-Davidson mine, Ontario, closed from January to May.
 Wendigo mine, Ontario, permanently closed in January.
 Regenery Metals mine, Ontario, closed in April.
 Uchi mine, Ontario; mining operations discontinued in March.

- 1943—Magnet mine, Ontario, suspends operations in November.
Jerome mine, Ontario, suspends milling in August.
Gold rush into Missanabie, Ontario.
Goulais River magnetite deposits, Ontario, diamond drilled.
Privateer mill, British Columbia, closed in September.
Emerald and Red Rose tungsten mills in British Columbia shut down.
Elk River collieries, near Fernie, British Columbia, prepared for production.
Strike of coal miners in British Columbia and Alberta November 1 to November 13.
Indian Molybdenum Ltd. commenced production in September of molybdenite concentrates in Pressiac township, Quebec.
Dominion Steel & Coal Co. made shipments of iron ore from Bathurst, New Brunswick; closed late in year.
Development of Stobie and Murray nickel mines, Ontario, resumed; Old Alexo nickel mine, Ontario, re-opened by Harlin Nickel Mines Ltd.; ore shipped to International Nickel Company.
Ontario Nickel Corporation shipped nickel ore from Moose Lake, Sudbury district.
Bralorne Mines Ltd. produced mercury at Takla Lake, British Columbia.
Kenwest mine, Ontario, suspended operations in July.
Gold Belt mine, British Columbia, suspended operations in September.
Operations suspended at Con mine, Northwest Territories, September.
Operations suspended at Rycon mine, Northwest Territories, September.
Operations suspended at Thompson-Lundmark mine, Northwest Territories, October.
Reco Mountain Base Metals mines, British Columbia, shipped concentrates in November.
Twin "J" Mines Ltd., British Columbia, shipped concentrates in August.
Kootenay Florence mine, British Columbia, shipped concentrates in August.
New Calumet Mines Ltd., Quebec, came into production; zinc concentrates shipped in September.
Committee of inquiry into Ontario mining industry appointed by Premier Geo. Drew.
Nickel Offsets Ltd. made shipments of nickel ore from near Chelmsford, Sudbury area.
Asphalt produced from bituminous sands in Alberta by Oil Sands Ltd.
Stock piles of most Canadian-produced strategic metals and minerals reach satisfactory proportions.
Green Act raised United States Treasury price of silver to 71.11 cents per ounce.
Avon Gold Mines Ltd., Oldham, Nova Scotia, suspended operations in February.
Lava talc deposit developed in Kootenay National Park, British Columbia.
Italy surrendered Sept. 8th.
Molybdenite concentrates shipped from LaCorne mine, Quebec, a wartime project.

Annual Values of the Mineral Production of Canada since 1886

Note.—In presenting a total valuation of the mineral production as is here given, it should be explained that the production of the metals, copper, gold, lead, nickel, silver, zinc, etc., is given as far as possible on the basis of the quantities of metals recovered in smelters, and the total quantities in each case are valued chiefly at the average market price of the refined metal in a recognized market. There is thus included in some cases the values that have accrued in the smelting or refining of metals outside of Canada.

Year	Value of production	Value per capita	Year	Value of production	Value per capita
	\$	\$		\$	\$
1886	10,221,255	2.23	1915	137,109,171	17.44
1887	10,321,331	2.23	1916	177,201,534	22.05
1888	12,518,894	2.67	1917	139,846,821	17.18
1889	14,013,113	2.66	1918	211,301,897	25.37
1890	16,763,353	3.50	1919	176,686,390	20.84
1891	18,976,616	3.92	1920	227,856,665	28.40
1892	16,623,415	3.39	1921	171,923,342	19.56
1893	20,035,082	4.04	1922	184,207,242	20.55
1894	19,931,168	3.98	1923	214,079,331	23.41
1895	20,505,917	4.05	1924	200,583,406	22.71
1896	22,474,266	4.38	1925	226,583,333	24.10
1897	28,485,023	5.49	1926	240,437,123	25.61
1898	38,412,431	7.32	1927	247,356,695	25.67
1899	49,234,005	9.27	1928	274,989,487	27.96
1900	64,420,877	12.04	1929	310,850,246	31.00
1901	65,797,911	12.16	1930	279,873,578	27.42
1902	63,231,836	11.36	1931	230,434,726	22.21
1903	61,740,513	10.83	1932	191,228,225	18.20
1904	60,082,771	10.27	1933	221,495,253	20.74
1905	60,078,999	11.49	1934	278,161,590	25.67
1906	79,286,697	12.81	1935	312,344,457	28.56
1907	88,685,202	13.75	1936	361,919,372	32.82
1908	85,567,101	13.18	1937	457,359,092	41.13
1909	91,831,441	13.70	1938	441,623,237	39.42
1910	106,823,623	14.93	1939	474,602,059	41.94
1911	103,220,904	14.32	1940	529,825,035	46.39
1912	136,048,206	18.33	1941	560,241,290	49.06
1913	145,634,812	19.36	1942	666,768,672	48.63
1914	128,863,075	16.75			
			Grand Total	9,751,982,266	* 836.79

* Based on an estimated population of 11,654,000 in 1942.

Note.—For complete data, by minerals, see Annual Mineral Production Reports for 1937 and 1938.

Annual Values of the Mineral Production of Canada, by Classes, since 1929

Year	Metallics	Non-Metallics		Total
		Fuels and other non-metallics	Structural materials and clay products	
	\$	\$	\$	\$
1929	154,454,056	97,861,356	58,534,834	310,850,246
1930	142,743,764	83,402,349	53,727,495	279,873,578
1931	120,930,147	66,346,284	44,158,295	230,434,726
1932	112,041,763	56,788,179	22,398,288	191,228,225
1933	147,015,593	57,782,973	16,896,687	221,495,253
1934	194,110,968	64,763,961	19,286,761	278,161,590
1935	221,800,849	67,328,208	23,215,400	312,344,457
1936	259,425,194	76,723,437	25,770,741	361,919,372
1937	334,165,243	88,324,150	34,889,699	457,359,092
1938	323,075,154	84,889,417	33,878,666	441,623,237
1939	343,506,123	95,733,177	36,362,759	474,602,059
1940	382,603,012	104,849,372	42,472,651	529,825,035
1941	395,346,531	119,521,437	45,373,272	560,241,290
1942	* 392,192,452	128,346,413	46,729,807	566,768,672

* Exclusive of the value of pitchblende products.

DOMINION BUREAU OF STATISTICS

Historical Summary of Canada's Mineral Production—Dominion Totals

Year	Gold*		Silver		Copper		Lead		Zinc†	
	fine oz.	\$	fine oz.	\$	pounds	\$	pounds	\$	pounds	\$
1858..	34,104	705,000								
1859..	78,129	1,615,072								
1860..	107,806	2,228,543								
1861..	128,973	2,666,118								
1862..	135,391	2,798,774								
1863..	202,498	4,186,011								
1864..	199,605	4,126,199								
1865..	192,898	3,987,562								
1866..	162,555	3,153,597								
1867..	145,775	3,013,431								
1868..	134,169	2,773,527								
1869..	102,720	2,123,405								
1870..	83,415	1,724,348								
1871..	105,187	2,174,412								
1872..	90,283	1,866,321								
1873..	74,346	1,536,871								
1874..	97,856	2,022,862								
1875..	130,300	2,693,533								
1876..	97,729	2,020,233								
1877..	94,304	1,949,444								
1878..	74,420	1,538,394								
1879..	76,547	1,582,358								
1880..	63,121	1,304,824								
1881..	63,524	1,313,153								
1882..	60,288	1,246,268								
1883..	53,853	1,113,246								
1884..	51,202	1,058,439								
1885..	55,575	1,148,829								
1886..	70,782	1,463,196			3,505,000	385,550				
1887..	57,460	1,187,804	355,083	347,271	3,280,424	366,798	204,800	9,216		
1888..	53,145	1,098,610	437,232	410,998	5,562,864	927,107	674,500	29,812		
1889..	62,653	1,295,159	383,318	358,785	6,809,752	936,341	165,100	6,488		
1890..	55,620	1,149,776	400,687	419,118	6,013,671	947,153	105,000	4,704		
1891..	46,018	930,614	414,523	409,549	9,529,401	1,226,703	88,665	3,857		
1892..	43,905	907,601	310,651	272,130	7,087,275	818,580	808,420	33,064		
1893..	47,243	976,603	428,738	330,128	8,109,556	871,809	2,135,023	79,636		
1894..	54,600	1,128,688	847,697	534,049	7,708,789	736,960	5,703,222	187,636		
1895..	100,798	2,083,674	1,578,275	1,030,299	7,771,639	836,228	16,461,794	531,716		
1896..	293,262	2,754,774	3,205,343	2,149,503	9,393,012	1,021,960	24,199,977	721,159		
1897..	191,557	6,027,016	5,558,446	3,323,395	13,300,802	1,501,660	39,018,219	1,396,853		
1898..	666,386	13,775,420	4,452,333	2,593,929	17,747,136	2,134,980	31,915,319	1,206,399	788,000	36,011
1899..	1,028,529	21,261,584	3,411,644	2,032,658	15,078,475	2,655,319	21,862,436	977,250	814,000	46,805
1900..	1,350,057	27,908,153	4,468,225	2,740,362	18,937,138	3,065,922	63,169,821	2,760,521	212,800	9,342
1901..	1,167,216	24,128,503	5,539,192	3,265,354	37,827,019	6,096,581	51,900,958	2,249,387		
1902..	1,322,161	21,336,667	4,291,317	2,238,351	38,804,259	4,511,383	22,956,381	934,095	142,200	6,882
1903..	911,559	18,843,590	3,198,581	1,709,642	42,684,454	5,649,487	18,139,283	768,562	900,000	48,600
1904..	796,374	16,462,617	3,577,526	2,047,193	41,383,722	5,306,635	37,531,244	1,617,221	477,568	24,350
1905..	684,951	14,159,195	6,000,023	3,621,133	48,092,753	7,497,660	56,864,915	2,676,632	9,413	139,200
1906..	556,415	11,502,120	8,473,379	5,659,455	55,609,888	10,720,474	54,608,217	3,089,187	1,154	23,800
1907..	405,517	8,382,780	12,779,799	8,348,659	56,979,205	11,398,120	47,738,703	2,542,086	1,573	49,100
1908..	476,112	9,842,105	22,106,233	11,686,239	63,702,873	8,413,876	43,195,733	1,814,221	452	3,215
1909..	453,865	9,382,230	27,529,473	14,178,504	52,493,863	6,814,754	45,857,424	1,692,139	18,371	242,699
1910..	493,707	10,205,835	32,869,264	17,580,455	55,692,369	7,094,094	32,987,508	1,216,249	5,063	120,003
1911..	473,159	9,781,077	32,569,044	17,355,272	55,648,011	6,886,998	23,784,969	827,717	2,590	101,072
1912..	611,885	12,648,794	31,955,560	19,440,165	77,832,127	12,718,543	35,763,476	1,597,554	6,415	211,774
1913..	802,973	16,598,923	31,845,803	19,040,924	76,976,925	11,758,606	37,662,703	1,754,705	7,889	186,627
1914..	773,178	15,983,007	28,449,821	15,593,631	75,735,960	10,301,606	36,337,765	1,627,668	10,893	262,563
1915..	918,056	18,977,901	26,625,960	13,228,842	100,785,150	17,410,635	46,316,450	2,593,721	14,895	554,938
1916..	930,492	19,234,976	25,459,741	16,717,121	117,150,028	31,867,150	41,497,615	3,532,692	23,364,760	2,991,623
1917..	738,831	15,272,992	22,221,274	18,091,895	109,227,332	29,687,980	32,576,281	3,628,020	29,668,764	2,640,817
1918..	699,681	14,463,689	21,383,979	20,693,704	118,769,434	29,250,536	51,398,002	4,754,315	35,083,175	2,862,436
1919..	766,764	15,850,423	16,020,657	17,802,474	75,053,581	14,028,265	43,827,699	3,053,037	32,194,707	2,362,448
1920..	765,007	15,814,098	13,330,357	13,450,330	81,600,691	14,244,217	35,953,717	3,214,262	39,863,912	3,057,961
1921..	926,329	19,148,920	13,543,198	8,485,355	47,620,820	5,953,555	66,679,592	3,828,742	53,089,356	2,471,310
1922..	1,263,364	26,116,500	18,626,439	12,576,758	42,879,818	5,738,177	93,307,171	5,817,702	56,290,000	3,217,536
1923..	1,233,341	25,495,421	18,601,744	12,067,509	86,881,537	12,529,186	111,234,466	7,985,522	60,416,240	3,991,701
1924..	1,525,382	31,532,443	19,736,323	13,180,113	104,457,447	13,604,538	175,485,499	14,221,345	98,909,077	6,274,791
1925..	1,735,735	35,880,826	20,228,988	13,971,150	111,450,518	15,649,882	253,590,578	23,127,460	109,268,511	8,328,446
1926..	1,754,228	36,263,110	22,371,924	13,894,531	133,094,942	17,490,300	283,801,265	19,240,661	149,938,105	11,110,413
1927..	1,852,785	38,300,464	22,736,698	12,816,677	140,147,440	17,195,487	311,423,161	16,477,139	165,495,525	10,250,793
1928..	1,890,592	39,082,005	21,936,407	12,761,725	202,696,046	28,598,249	337,946,688	15,553,231	184,647,374	10,143,050
1929..	1,928,308	39,861,663	23,143,261	12,264,308	248,120,760	43,415,251	326,522,566	16,544,248	197,267,087	10,626,778
1930..	2,102,068	43,453,601	26,443,823	10,089,376	303,478,356	37,948,359	332,894,163	13,102,635	267,643,505	9,635,166
1931..	2,693,892	58,093,396	20,562,247	6,141,943	292,304,390	24,114,065	267,342,482	7,260,183	237,245,451	6,059,249
1932..	3,044,387	71,479,373	18,347,907	5,811,081	247,679,070	15,294,058	255,947,378	5,409,704	172,283,558	4,144,454
1933..	2,949,309	84,350,237	15,187,950	5,746,027	299,982,448	21,634,853	266,475,191	6,372,998	199,131,984	9,936,132
1934..	2,972,074	102,536,553	16,415,282	7,790,840	364,761,062	26,671,438	346,276,576	8,436,658	298,579,633	9,087,571
1935..	3,284,890	115,595,279	16,618,658	10,767,143	418,997,700	32,311,960	339,105,079	10,624,772	320,649,859	9,936,908
1936..	3,748,028	131,293,421	18,334,487	8,273,804	421,027,732	39,614,101	383,180,909	14,993,869	333,182,736	11,045,007
1937..	4,096,213	143,326,493	22,977,751	10,312,644	530,028,615	48,917,219	411,999,484	21,053,173	370,337,589	18,153,949
1938..	4,725,117	166,205,990	22,219,195	9,660,239	571,249,664	56,554,034	418,927,660	14,008,941	381,506,588	11,723,698
1939..	5,094,379	184,115,951	23,163,629	9,378,490	608,825,570	60,934,859	388,569,550	12,313,768	394,583,860	12,108,244
1940..	5,311,145	204,479,083	23,833,752	9,116,172	655,593,441	65,773,061	471,850,256	15,863,605	424,028,862	14,463,624
1941..	5,345,179	205,789,392	21,754,408	8,323,454	643,316,713	64,407,497	460,167,005	15,470,815	512,381,636	17,477,337
1942..	4,841,306	186,390,281	20,695,101	8,728,296	603,661,826	60,417,872	512,142,562	17,218,233	580,257,373	19,792,579
Total	55,723,542	2,431,230,320	849,948,250	486,859,059	8,600,120,793	1,004,753,176	7,518,280,620	338,057,085		232,418,262

* From 1858 to 1930, inclusive, gold valued at \$20-671834. From 1931 to 1942 valued at world price of Gold in Canadian Funds.
† From 1898 to 1904, quantities show pounds of zinc contained in ores shipped. From 1905 to 1915, quantities show tons of ore or concentrates shipped from mines. From 1916 to 1942 quantities show recoverable zinc in ores exported plus refined zinc made in Canada. In 1942 production of indium totalled 471 troy ounces valued at \$4,710.

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Nickel		Cobalt		Arsenic		Platinum*		Palladium and other precious metals (b)	
	Pounds	\$	Pounds	\$	Tons	\$	Fine oz.	\$	Fine oz.	\$
1885					440	17,600				
1886					120	5,460				
1887					30	1,200		5,600		
1888					30	1,200		6,000		
1889	830,477	498,286						3,500		
1890	1,435,742	933,232			25	1,500		4,500		
1891	4,035,347	2,421,208			20	1,000		10,000		
1892	2,413,717	1,399,956						3,500		
1893	3,982,982	2,071,151						1,800		
1894	4,907,430	1,870,958			7	420		950		
1895	3,888,525	1,300,984						3,800		
1896	3,297,113	1,188,990						750		
1897	3,997,647	1,399,176						1,600		
1898	5,517,690	1,820,838						1,500		
1899	5,744,000	2,067,840			57	4,872		825		
1900	7,080,227	3,327,707			303	22,725				
1901	9,189,047	4,594,523			695	41,676		457		
1902	10,693,410	5,025,903			800	48,000	2,385	46,502	4,411	86,014
1903	12,505,510	5,002,204			257	15,420	1,710	33,345	3,177	61,953
1904	10,547,833	4,219,153	32,000	19,960				551	10,872	962
1905	18,876,315	7,550,526	235,000	100,000				574	11,870	1,038
1906	21,490,955	8,948,834	642,000	80,704	201	14,058	112	3,140	202	2,512
1907	21,189,793	9,535,407	1,478,000	104,426	986	47,303	227	7,032	607	
1908	19,143,111	8,231,538	2,448,000	111,118	1,702	58,566	172	2,807	328	Values
1909	26,282,991	9,461,377	3,066,000	94,965	1,353	67,446	547	13,804	1,271	
1910	37,271,033	11,181,310	2,196,000	54,699	2,049	81,044	258	8,437	523	
1911	34,098,744	10,229,623	1,704,000	170,890	2,097	76,237	666	28,718	753	not
1912	44,841,642	13,452,468	1,988,000	314,381	2,045	89,262	497	22,538	680	
1913	49,676,772	14,903,032	1,642,000	420,386	1,692	101,463	211	9,151	399	
1914	45,517,937	13,655,381	702,000	590,406	1,737	104,015	748	33,765	1,272	complete
1915	68,308,657	20,492,597	412,000	383,261	2,396	147,830	475	22,366	600	
1916	82,958,564	29,035,497	800,000	805,014	2,186	262,349	1,032	85,418	1,602	
1917	84,330,280	33,732,112	674,000	1,138,190	2,998	669,431	1,028	103,661	1,679	
1918	92,507,293	37,002,917	760,000	1,640,310	3,560	563,639	689	71,428	1,230	
1919	44,544,883	17,817,953	596,000	1,019,479	3,389	509,924	667	74,311	1,128	
1920	61,335,706	24,534,282	566,000	1,605,365	2,459	447,848	595	37,680	1,425	
1921	19,293,060	6,752,571	251,986	756,958	1,491	233,763	292	22,599	913	
1922	17,597,123	6,158,993	569,966	1,352,370	2,578	321,037	470	45,863	1,219	
1923	62,453,843	18,332,077	888,061	2,530,974	3,210	626,815	1,217	141,826	2,036	153,590
1924	69,536,350	19,470,178	948,704	1,682,395	2,311	348,293	9,186	1,091,427	9,516	808,113
1925	73,867,114	15,946,672	1,116,492	2,328,517	1,717	130,302	8,698	1,028,127	8,288	648,969
1926	65,714,294	14,374,163	664,778	1,136,014	2,537	146,811	9,521	923,607	10,024	640,178
1927	66,798,717	15,262,171	880,590	1,764,534	3,114	211,979	11,228	717,613	11,545	554,190
1928	96,755,578	22,318,007	956,590	1,672,329	2,716	193,052	10,532	708,909	13,637	627,833
1929	110,275,912	27,115,461	929,415	1,801,915	2,615	171,320	12,519	846,756	17,318	809,289
1930	103,768,857	24,455,123	694,163	1,144,007	2,261	129,527	34,024	1,543,261	34,692	895,867
1931	65,666,320	15,267,453	521,051	651,179	1,787	135,170	44,775	1,596,900	46,918	1,217,717
1932	30,327,968	7,179,862	490,631	587,957	1,212	98,714	27,343	1,099,393	37,613	901,890
1933	83,264,658	20,130,480	466,702	597,752	734	56,534	24,786	857,590	31,009	645,043
1934	128,687,340	32,139,425	594,671	592,497	824	56,412	116,230	4,490,763	83,932	1,699,228
1935	138,516,240	35,345,103	681,419	512,705	1,279	75,326	105,374	3,445,730	84,772	1,902,937
1936	169,739,393	43,876,525	887,591	804,676	683	42,491	131,571	5,320,731	103,671	2,483,075
1937	224,905,046	59,507,176	597,064	848,145	693	41,032	139,377	6,752,816	119,829	3,179,753
1938	210,572,738	53,914,494	459,226	790,913	1,088	56,538	161,326	5,196,794	130,393	3,677,342
1939	226,105,865	50,920,305	732,561	1,213,454	871	52,257	148,902	5,222,589	136,402	4,199,822
1940	245,557,871	59,822,591	794,359	1,235,220	1,047	62,798	108,488	4,240,362	91,522	3,520,745
1941	282,259,235	68,656,795	293,257	255,904	1,769	163,195	124,317	4,750,153	97,432	3,396,304
1942	285,211,603	69,998,427	(a)83,871	88,444	7,484	652,041				
Total	3,619,405,648	995,912,410	34,205,142	33,501,404	77,393	7,396,895				

* From 1887 to 1901 placer platinum only, 1907 to 1920 represents largely, recovery of platinum metal by the International Nickel Company, in New Jersey and not necessarily all from Sudbury ores.

(a) Exclusive of metal in ore placed on government stock pile at Deloro, Ontario.

(b) Data relating to platinum metals prior to 1923 are conjectural in nature and do not necessarily agree with provincial totals.

DOMINION BUREAU OF STATISTICS

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Titanium ore (a)		Iron ore (*)		Antimony ore		Chromite		Manganese ore		Molybdenite ore and concentrates (d)		Pitch- blende products	
	Tons	\$	Tons	\$	Tons	\$	Tons	\$	Tons	\$	Tons	\$	\$	
1886			64,361		665	31,490	60	945	1,789	41,499				
1887			76,330		584	10,860	38	570	1,245	43,658				
1888			78,587		345	3,896			1,801	47,944				
1889			84,181		55	1,100			1,455	32,737				
1890			78,511		26	625			1,328	32,550				
1891			68,979		10	60			255	6,694				
1892			103,248						115	10,250				
1893			125,602						213	14,578				
1894			109,991				1,000	20,000	74	4,180				
1895			102,797				3,177	41,300	125	8,464				
1896			91,906				2,342	27,004	124	3,975				
1897			50,705				2,637	32,474	15	1,186				
1898			58,343	1,344	20,000		2,021	24,252	50	1,890				
1899			74,617				2,010	21,842	1,581	20,004				
1900			122,000				2,335	27,000	30	1,800				
1901			313,646				1,274	16,744	440	4,820				
1902			404,003				900	13,000	172	4,062	3	400		
1903			264,294				3,509	51,129	91	2,775	85	1,275		
1904			219,046				6,074	67,146	66	2,740				
1905			291,097	527			8,575	93,301	22	1,720				
1906			248,831	782			9,035	91,859	93	925				
1907			312,856	2,048	70,108		7,196	72,901	1	22				
1908			238,082	143	5,443		7,225	82,008						
1909			288,043	66	5,880		2,470	26,604						
1910			259,418	364	13,906		299	3,734						
1911			210,344				157	2,587	6	300				
1912			215,883						75	1,875				
1913			307,634											
1914			244,854				136	1,210	28	1,120	16	2,063		
1915			398,112	1,371	93,171		12,341	179,543	201	9,360	39	28,920		
1916			275,176	939	136,360		27,517	311,460	957	89,544	610	188,316		
1917			215,302	361	22,000		36,725	499,682	158	14,836	1,554	320,006		
1918			211,608				21,994	867,122	440	6,230	461	428,807		
1919			197,170				8,541	228,898	661	14,159	46	69,203		
1920			129,072				11,016	251,379	649	11,029				
1921			59,509				2,798	55,696	68	3,400				
1922			17,971				767	11,503	73	2,044				
1923	69	186	30,690				3,558	52,650	200	1,400				
1924	1,408	3,771	72						584	4,088	10	9,370		
1925	3,978	11,934		1	206						15	11,176		
1926	200	600		1	281						12	10,472		
1927	2,029	8,980												
1928	2,244	6,732												
1929	2,748	7,359					126	900			9	6,400		
1930	412	1,239							273	1,356				
1931	1,509	10,261							117	2,893	1	280		
1932							78	1,113						
1933							30	343					(e) 247,900	
1934	2,023	14,161					111	1,578					159,400	
1935	2,288	16,400					1,144	14,947	100	800			413,700	
1936	2,566	18,318			Pounds		923	13,578	221	1,596			605,500	
1937	4,229	26,432			(b) 48,163	7,394	4,272	43,250	85	817	8	8,147	876,540	
1938	207	1,449			24,560	2,200					6	4,500	1,045,458	
1939	3,694	21,267	123,598	1,225,585	151,469				396	3,688	1	816	1,121,553	
1940	4,535	24,510	414,603	2,594,492	396,468		335	5,780	152	4,315	11	10,280	410,176	
1941	12,651	49,110	516,037	3,185,077	445,911		2,372	42,679	(c)	(c)	98	88,470	925,196	
1942	10,031	50,906	545,306	3,041,108	516,988		11,456	343,568	435	8,932	114	134,963	(f)	
							3,643,279	16,964	471,945	3,099	1,323,864			

(*) Includes some titaniferous ore prior to 1923.

(a) See footnote above.

(b) Includes metal produced in Canada plus metal in ores exported, 1937 to 1942.

(c) 7,600 pounds of manganese metal valued at \$2,250 produced at a Nova Scotia mine.

(d) Sales, including MoS₂ consumed at Quyon, Quebec.

(e) First production.

(f) Not available for publication.

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Tungsten concentrates		Selenium		Tellurium		Cadmium		Bismuth	
	lb.	\$	lb.	\$	lb.	\$	lb.	\$	lb.	\$
1912	28,000	(a)								
1913										
1914										
1915										
1916										
1917	580	234								
1918	27,000	11,700								
1919										
1920										
1921										
1922										
1923										
1924									12,863	27,913
1925									19,667	18,566
1926									6,440	6,440
1927									2,072	1,033
1928							491,894	341,374	14,002	5,067
1929							773,976	675,294	194,329	307,114
1930							456,582	337,871	12,732	6,366
1931			21,500	40,850			323,139	180,958	118,207	157,650
1932							65,425	26,824	16,855	7,340
1933			48,221	70,345			246,041	78,733	78,303	81,526
1934			104,824	171,311	5,130	26,599	293,611	95,665	253,644	301,215
1935			386,425	703,536	16,425	32,850	580,530	441,203	13,797	13,245
1936			350,857	621,017	35,591	82,997	785,918	699,465	364,165	360,523
1937			397,227	687,203	41,490	71,777	745,207	1,222,140	5,711	5,654
1938			356,929	622,742	48,237	82,967	699,138	561,799	9,516	9,754
1939	8,825	4,917	150,771	266,714	2,940	4,769	939,691	662,209	409,449	465,362
1940	12,002	7,303	179,880	343,533	3,491	5,807	908,127	1,056,152	58,529	81,004
1941	82,846	38,712	406,930	777,238	11,453	18,394	1,251,291	1,469,016	7,511	10,396
1942	520,981	406,275	495,369	951,108	11,084	17,735	1,148,963	1,355,776	347,556	479,627
Total			2,881,013	5,253,595	175,841	322,695	9,709,531	9,204,479	1,945,348	2,346,793

(a) Value not recorded.

NOTE.—Total commercial production of tin from Canadian ores was as follows:—1941, 64,744 pounds valued at \$33,667; 1942, 1,237,863 pounds valued at \$643,689. Production of magnesium from Canadian ores totalled 10,905 pounds in 1941, valued at \$2,944 and 508,718 pounds valued at \$355,836 in 1942; the metal was produced commercially for the first time in Canada from Canadian ores, in 1941.

Aluminium Production in Canada from Imported Ores 1901-1943

Year	Pounds	Year	Pounds	Year	Pounds	Year	Pounds	Year	Pounds
1901	283,737	1911	9,679,980	1921	6,335,083	1931	68,103,008	1941	427,746,564
1902	1,983,252	1912	12,029,046	1922	12,867,305	1932	39,585,847	1942	631,192,951
1903	1,750,589	1913	14,065,028	1923	24,245,766	1933	35,532,104	1943	991,499,296
1904	2,302,178	1914	14,550,959	1924	27,243,004	1934	34,565,362		
1905	2,590,329	1915	18,368,524	1925	31,105,293	1935	46,342,747		
1906	4,696,949	1916	21,184,791	1926	38,910,914	1936	58,280,250		
1907	5,921,289	1917	22,088,067	1927	82,735,938	1937	93,812,665		
1908	972,140	1918	23,535,689	1928	82,797,804	1938	142,407,743		
1909	6,083,696	1919	21,582,264	1929	63,439,528	1939	165,680,869		
1910	9,647,958	1920	22,384,702	1930	76,217,209	1940	216,288,565		

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Mercury		Coal*		Petroleum		Natural Gas		Peat Fuel	
	pounds	\$	tons	\$	brls.	\$	M cu. ft.	\$	tons	\$
1785-1866...			2,863,826	4,905,462						
1867.....			631,320	1,056,725						
1868.....			623,392	1,073,061						
1869.....			687,825	1,155,282						
1870.....			752,635	1,243,139						
1871-1873...			3,033,152	5,073,331						
1874.....			1,063,742	1,763,423						
1875.....			1,039,974	1,747,016						
1876.....			994,762	1,729,546						
1877.....			1,036,670	1,794,415						
1878.....			1,089,744	1,941,285						
1879.....			1,126,497	2,050,639						
1880.....			1,482,714	2,657,194						
1881.....			1,537,106	2,688,821	368,987					
1882.....			1,848,148	3,248,446	389,573					
1883.....			1,818,684	3,109,635	472,866					
1884.....			1,984,959	3,593,831	571,000					
1885.....			1,920,977	3,417,807	587,563					
1886.....			2,116,653	3,739,840	584,061	525,655				
1887.....			2,429,330	4,388,206	713,728	556,708				
1888.....			2,602,552	4,674,140	695,203	713,695				
1889.....			2,658,303	4,894,287	704,690	653,600				
1890.....			3,084,682	5,676,247	795,030	902,734				
1891.....			3,577,749	7,019,425	755,298	1,010,211				
1892.....			3,287,745	6,363,757	779,753	984,438	150,000			
1893.....			3,783,499	7,359,080	798,406	874,255	376,233			
1894.....			3,847,070	7,429,468	829,104	835,322	313,754			
1895.....	5,396	2,343	3,478,344	6,739,153	726,138	1,086,738	423,032			
1896.....	4,408	1,940	3,745,716	7,226,462	726,822	1,155,647	276,301			
1897.....	684	324	3,786,107	7,303,597	709,857	1,011,546	325,873			
1898.....			4,173,108	8,224,288	758,391	1,061,747	322,123			
1899.....			4,925,051	10,283,497	808,570	1,202,020	387,271			
1900.....			5,777,319	13,742,178	710,498	1,151,007	417,094	400	1,200	
1901.....			6,486,325	12,699,243	622,392	1,008,275	339,476	220	600	
1902.....			7,466,681	15,210,877	530,624	951,190	195,992	475	1,663	
1903.....			7,960,364	15,942,833	486,637	1,048,874	202,210	1,100	3,300	
1904.....			8,254,595	16,592,231	503,474	935,895	328,376	800	2,400	
1905.....			8,667,948	17,520,263	634,095	856,028	379,561	80	260	
1906.....			9,762,601	19,732,019	569,753	761,760	553,523	474	1,422	
1907.....			10,511,426	24,381,842	788,872	1,057,088	815,032	50	200	
1908.....			10,886,311	25,194,573	527,987	747,102	1,012,660	60	180	
1909.....			10,501,475	24,781,236	420,755	559,604	1,207,029	60	240	
1910.....			12,909,152	30,909,779	315,895	388,550	1,346,471	841	2,604	
1911.....			11,323,388	26,467,646	291,092	357,073	1,917,678	1,463	3,817	
1912.....			14,512,829	36,019,044	243,336	345,050	2,362,700	700	2,900	
1913.....			15,012,178	37,334,940	228,080	406,439	20,477,838	3,309,381	2,600	10,100
1914.....			13,637,529	33,471,801	214,805	343,124	21,692,504	3,484,727	655	2,470
1915.....			13,267,023	32,111,182	215,464	300,572	20,124,162	3,706,035	300	1,050
1916.....			14,483,395	38,817,481	198,123	392,284	25,467,458	3,958,029	300	1,500
1917.....			14,046,759	43,199,831	213,832	542,239	27,408,940	5,045,298		
1918.....			14,977,926	55,192,896	304,741	885,143	20,140,309	4,350,940		
1919.....			13,919,096	55,622,670	240,466	736,324	19,937,769	4,176,037	986	6,561
1920.....			16,946,764	82,496,538	196,251	822,235	16,845,518	4,232,642	4,550	18,650
1921.....			15,057,493	72,451,656	187,541	641,533	14,077,601	4,594,164	1,666	6,664
1922.....			15,157,431	65,518,497	179,068	611,176	14,682,651	5,846,501	3,000	14,500
1923.....			16,990,571	72,058,986	170,169	522,018	15,960,583	5,884,618		
1924.....			13,638,197	53,593,988	160,773	467,400	14,881,336	5,708,636		
1925.....	380	(a)	13,134,968	49,261,951	332,001	1,250,705	16,902,897	6,893,005	1,370	8,394
1926.....			16,478,131	59,875,094	364,444	1,311,665	19,208,209	7,557,174		
1927.....			17,426,861	61,867,463	476,591	1,516,043	21,376,791	8,043,010		
1928.....			17,564,293	63,757,833	624,184	2,035,300	22,582,586	8,614,182	1,497	5,845
1929.....			17,496,557	63,065,170	1,117,368	3,731,764	28,378,462	9,977,124	2,607	13,339
1930.....			14,881,324	52,849,748	1,522,220	5,033,820	29,376,919	10,289,985	2,847	10,932
1931.....			12,243,211	41,207,682	1,542,573	4,211,674	25,874,723	9,026,754	1,674	7,033
1932.....			11,738,913	37,117,695	1,044,412	3,022,592	23,420,174	8,899,462	3,248	7,593
1933.....			11,903,344	35,923,962	1,145,333	3,138,791	23,138,103	8,712,234	1,131	3,445
1934.....			13,810,193	42,045,942	1,410,895	3,449,162	23,162,324	8,759,652	1,878	7,243
1935.....			13,888,006	41,963,110	1,446,620	3,492,188	24,910,786	9,363,141	1,340	5,761
1936.....			15,229,182	45,791,934	1,500,374	3,421,767	28,113,348	10,762,243	1,341	7,376
1937.....			15,835,954	48,752,048	2,943,750	5,399,353	32,380,991	11,674,802	478	2,676
1938.....	760	760	14,294,718	43,982,171	6,966,084	9,230,173	33,444,791	11,587,450	620	3,500
1939.....	436	1,226	15,692,698	48,676,990	7,826,301	9,846,352	35,185,146	12,507,307	445	2,445
1940.....	153,830	369,317	17,568,884	54,675,844	8,590,978	11,160,213	41,232,125	13,000,593	30	75
1941.....	536,304	1,335,697	18,225,921	58,059,630	10,133,838	14,415,096	43,495,353	12,665,113	355	2,155
1942.....	1,035,914	2,943,807	18,865,030	62,897,581	10,364,796	15,968,851	45,697,359	13,301,665	172	1,204
Total.....			651,463,000	1,968,406,583	81,282,525	131,047,808	249,554,288	41,843	171,401	

* For the years 1919 to 1942 the tonnage shown is the total output of all mines; for previous years the tonnage shown includes only sales, colliery consumption and coal used by the operators.

(a) No value recorded.

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Peat Moss		Actinolite		Asbestos		Barite		Bituminous Sands		Corundum	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1880					380	24,700						
1881					540	35,100						
1882					810	52,650						
1883					955	68,750						
1884					1,141	75,087						
1885					2,440	142,441	300	1,500				
1886					3,458	205,251	3,864	19,270				
1887					4,619	226,976	400	2,400				
1888					4,404	255,007	1,100	3,850				
1889					6,113	426,554						
1890					9,880	1,260,240	1,842	7,543				
1891					9,279	999,878						
1892					6,082	390,462	315	1,260				
1893					6,331	310,156						
1894					7,630	420,825	1,081	2,830				
1895					8,756	368,175						
1896					12,250	429,856	145	715				
1897			205	1,845	30,442	445,368	571	3,089				
1898					23,785	491,197	1,125	5,533				
1899					25,536	485,849	720	4,402				
1900					29,141	748,431	1,337	7,606			3	300
1901			521	3,126	40,217	1,259,759	653	3,842			387	46,415
1902			550	4,400	40,416	1,148,319	1,096	3,957			768	84,465
1903			650	3,108	41,677	929,757	1,153	3,931			708	77,510
1904					48,485	1,226,352	1,382	3,702			993	109,545
1905					68,263	1,503,259	3,360	7,506			1,644	149,153
1906					82,138	2,030,143	4,000	12,000			2,274	204,973
1907					90,426	2,505,042	1,344	3,000			1,892	177,922
1908					60,773	2,573,336	4,312	19,021			1,689	100,398
1909					87,300	2,301,775	179	1,120			1,491	132,492
1910			30	330	102,215	2,573,303					1,870	195,680
1911			67	785	127,414	2,943,108	50	400			1,472	161,873
1912			92	1,000	136,301	3,137,279	464	5,104			1,960	239,091
1913			66	720	161,086	3,849,925	641	5,410			1,177	137,036
1914			119	1,304	117,573	2,909,806	613	6,169			548	72,176
1915			220	2,420	136,842	3,574,985	550	6,875			282	33,138
1916			250	2,750	154,149	5,228,869	1,388	19,393			67	10,307
1917			120	1,320	153,781	7,230,383	3,490	64,027			188	32,153
1918			228	2,608	158,259	8,970,797	640	10,165			137	26,112
1919			80	880	159,236	10,075,369	488	8,154				
1920			100	1,160	199,573	14,792,201	751	22,983			196	24,547
1921			78	975	92,761	4,906,230	270	9,267			403	55,965
1922			50	575	183,706	5,552,723	289	9,537				
1923			53	583	231,482	7,522,506	409	8,545				
1924			90	1,225	225,744	6,710,830	151	3,303			531	2,127
1925			40	500	273,524	8,977,546	95	2,259	1,148	4,594		
1926			80	1,000	279,403	10,099,423	100	2,307	528	2,112		
1927			86	1,075	274,778	10,621,013	58	1,268	2,708	10,824		
1928			70	875	273,032	11,238,360	127	2,847	94	874		
1929			30	375	306,055	13,172,581	105	2,341	989	3,956		
1930			34	437	242,114	8,390,163	66	1,484	2,067	8,268		
1931			35	456	164,296	4,812,886	16	363	1,015	4,060		
1932					122,977	3,039,721			343	1,372		
1933					158,367	5,211,177	20	60	456	1,662		
1934			30	365	155,980	4,936,326			882	3,449		
1935					210,467	7,054,614			40	160		
1936					301,287	9,958,183						
1937					410,029	14,505,791			35	142		
1938					289,793	12,890,195						
1939					364,472	15,859,212	323	3,639				
1940	(a)	(a)			348,806	15,619,865	338	4,319	(b)	(b)		
1941	27,893	644,253			477,846	21,468,840	6,890	74,416	(b)	(b)		
1942	53,596	1,069,372			439,459	22,663,283	19,667	188,144	(b)	(b)		
			3,874	36,648	8,194,478	311,759,497	68,245	571,625			19,524	2,104,251

(a) Prior to 1941 included in survey of manufactures.
(b) No sands sold as such; production included with crude petroleum.

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Diatomite		Feldspar		Fluorspar		Graphite		Grindstones		Garnets		
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$	
1886							500	4,000	4,020	46,545			
1887							300	2,400	5,292	64,008			
1888							150	1,200	5,764	51,129			
1889							242	3,160	3,404	30,863			
1890			700	3,500			175	5,200	4,884	42,340			
1891			685	3,425			260	1,560	4,479	42,587			
1892			175	525			167	8,763	5,122	49,836			
1893			575	4,525					4,480	36,979			
1894							5	400	3,667	31,217			
1895			1,018	2,545			220	6,150	3,395	30,652			
1896	644	9,960	972	2,583			789	22,455	3,563	31,900			
1897	15	150	1,400	3,290			436	16,240	4,472	40,740			
1898	1,017	16,660	2,500	6,250			660	13,698	4,735	40,590			
1899	1,000	15,000	3,000	6,000			1,310	24,178	4,112	35,265			
1900	336	1,950	318	1,112			1,922	31,040	5,179	47,290			
1901	850	15,300	5,350	10,700			2,210	38,780	4,034	37,275			
1902	1,052	16,470	7,576	15,152			1,095	28,300	4,383	40,018			
1903	835	16,700	13,928	18,966			728	28,745	5,423	46,482			
1904	320	6,400	11,083	22,166			452	11,790	4,509	40,822			
1905	300	3,600	11,700	23,400	12	84	541	16,735	5,460	59,900			
1906			16,948	40,890			387	18,300	5,384	58,876			
1907	30	225	12,584	29,819			279	5,565	3,658	42,053			
1908	30	195	7,877	21,099			251	864	4,002	46,374			
1909			12,783	40,383			864	47,800	3,787	41,496			
1910	22	134	15,809	47,667	2	15	1,392	74,087	4,332	46,832			
1911	20	122	17,723	51,939	34	238	2,060	117,122	4,204	46,460			
1912	38	230	13,733	30,916	40	240	2,162	90,282	4,008	45,300			
1913	620	12,138	16,790	60,795			1,647	107,203	3,783	48,847			
1914	650	13,000	18,060	70,824			2,635	124,223	2,279	31,967			
1915	317	12,119	14,559	57,801			3,955	325,362	3,232	49,975			
1916	620	12,139	19,488	71,407	1,284	10,238	3,714	402,892	2,169	38,702			
1917	600	18,000	19,462	89,826	4,249	68,756	3,114	248,870	2,806	70,745			
1918	500	12,500	18,782	112,728	7,362	156,029	1,360	100,221	1,931	56,344			
1919	565	11,300	14,679	86,231	5,063	97,837	2,190	165,617	2,262	74,119			
1920	260	8,600	37,873	280,895	11,235	240,446	937	65,862	1,064	40,637			
1921	341	11,268	29,868	230,754	5,519	136,267	597	31,353	837	30,292			
1922	219	5,781	27,727	237,601	139	1,732	1,113	67,873	1,717	51,483	1,250	100,000	
1923	130	3,250	29,255	248,402	76	1,343	1,334	76,117	2,031	69,111	360	7,200	
1924	33	638	44,804	358,540			2,569	158,763	1,735	61,784			
1925			35,951	310,238	3,886	10,234	2,727	194,860	1,513	58,986			
1926			29,849	259,151			1,829	111,656	1,317	47,475	2	150	
1927	266	6,650	31,807	284,942			1,097	57,041	1,250	45,901			
1928	368	8,960	37,527	340,471	17,870	268,120	1,461	108,174	1,038	37,401			
1929	429	10,330	26,796	268,469	80	1,240	1,535	96,392	235	9,874			
1930	554	13,247	18,343	186,961	40	620	548	32,149	198	8,164			
1931	1,610	32,789	7,047	81,982	32	464	346	18,483	200	9,336			
1932	1,496	29,509	10,658	105,117	73	1,064	405	18,367	161	7,079			
1933	1,789	36,648	18,302	147,281	150	2,100	1,518	71,424	363	14,543			
1934	1,372	54,910	17,742	144,330	75	900	1,782	79,781	373	14,501			
1935	822	33,140	17,846	154,475	75	900		88,812	360	15,352			
1936	615	18,606	21,346	178,222	150	2,550		125,343	251	12,407			
1937	398	13,842	14,058	129,293	217	3,906		41,590	285	12,790			
1938	301	10,388	12,500	112,309	240	4,995		61,684	284	12,190			
1939	248	7,957	21,455	187,623	4,454	59,317		94,038	290	11,858			
1940	344	9,935	26,040	244,284	5,534	97,767		132,924	170	8,500	16*	160	
1941	365	9,088	22,270	213,941	6,199	146,039		117,904	200	8,000	17*	176	
Total	22,985	533,678	848,062	5,877,534	78,593	1,424,579	4,013,475	159,381	2,190,546	1,645	107,686		

*Garnet schist.

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Gypsum		Iron Oxides		Magnesitic Dolomite		Magnesium Sulphate		Manganese Bog	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1874.....	87,830	68,164								
1875.....	91,485	91,613								
1876.....	92,765	94,386								
1877.....	111,980	98,897								
1878.....	105,455	98,805								
1879.....	104,993	80,884								
1880.....	136,935	124,080								
1881.....	121,270	116,349								
1882.....	150,272	147,597								
1883.....	166,152	169,228								
1884.....	130,141	134,451								
1885.....	97,552	106,415								
1886.....	162,000	178,742	350	2,350						
1887.....	154,008	157,277	485	3,733						
1888.....	175,887	179,393	397	7,900						
1889.....	213,273	205,108	794	16,280						
1890.....	226,509	194,033	275	5,125						
1891.....	203,005	206,251	900	17,750						
1892.....	241,048	241,127	390	5,800						
1893.....	192,568	196,150	1,070	17,700						
1894.....	223,631	202,031	611	8,690						
1895.....	226,178	202,608	1,399	14,600						
1896.....	207,032	178,061	2,362	16,045						
1897.....	239,691	244,531	3,905	23,560						
1898.....	219,256	232,515	2,226	17,450						
1899.....	244,566	257,329	3,919	20,000						
1900.....	252,101	259,009	1,966	15,398						
1901.....	293,799	340,148	2,232	16,735						
1902.....	333,599	379,479	4,955	30,496						
1903.....	314,489	388,459	6,266	32,760						
1904.....	345,961	373,474	3,925	24,995						
1905.....	442,158	536,168	5,105	34,676						
1906.....	469,022	643,294	6,758	26,125						
1907.....	485,921	646,914	5,828	35,570						
1908.....	340,964	575,701	4,746	30,440	120	840				
1909.....	473,129	809,632	3,940	28,093	330	2,608				
1910.....	525,246	934,446	4,813	35,185	323	2,160				
1911.....	518,383	998,394	3,622	28,333	991	5,531				
1912.....	578,458	1,324,620	7,654	32,410	1,714	9,645				
1913.....	636,370	1,447,739	5,987	41,774	515	3,385				
1914.....	516,880	1,156,207	5,890	51,725	358	2,240				
1915.....	474,815	854,929	6,248	48,353	14,779	126,584				
1916.....	342,915	738,593	8,811	58,711	55,413	563,829				
1917.....	336,332	881,684	9,409	87,605	58,090	728,275	929	4,645		
1918.....	152,237	823,006	17,317	112,440	39,365	1,016,765	1,949	14,565		
1919.....	299,063	1,215,287	11,862	113,427	11,273	328,465	738	9,115		
1920.....	429,144	1,893,991	19,128	157,909	18,378	512,755	1,947	39,888		
1921.....	386,550	1,785,538	9,048	93,610	3,780	81,320	2,029	39,506		
1922.....	559,265	2,160,898	7,285	110,608	2,849	76,294	1,021	24,017		
1923.....	578,301	2,243,100	10,424	129,636	4,801	134,382	121	6,580		
1924.....	646,016	2,208,108	7,266	91,160	3,873	101,356				
1925.....	740,323	2,389,891	7,118	91,913	5,576	122,325				
1926.....	683,728	2,770,813	6,626	101,843	4,571	137,431				
1927.....	1,063,117	3,251,015	6,125	103,596	7,337	230,309				
1928.....	1,246,368	3,743,648	5,414	111,198	13,195	346,990				
1929.....	1,211,689	3,345,696	6,518	115,932	18,809	491,170			385	2,237
1930.....	1,070,968	2,818,788	6,596	83,873	13,336	336,162			301	1,830
1931.....	863,752	2,111,517	5,520	49,205	11,411	295,579			275	1,650
1932.....	438,629	1,080,379	5,240	46,161	(e)	262,860			77	462
1933.....	382,736	675,822	4,357	53,450	(e)	360,123	120	3,360		
1934.....	461,237	863,776	4,959	66,106	(e)	382,927	42	1,100		
1935.....	541,864	932,208	5,516	77,075	(e)	486,084	340	7,965		
1936.....	833,822	1,278,971	5,854	69,630	(e)	768,742	654	13,712		
1937.....	1,047,187	1,540,483	6,197	83,640	(e)	677,207	727	14,458		
1938.....	1,008,799	1,502,265	5,821	71,769	(e)	420,251	470	9,400		
1939.....	1,421,934	1,935,127	6,015	88,418	(e)	474,418	550	9,900		
1940.....	1,448,788	2,065,933	9,979	111,874	(e)	397,016				
1941.....	1,593,406	2,248,428	10,045	142,069	(e)	831,041	265	7,343		
1942.....	566,166	1,254,182	9,304	131,663	(e)	*1,059,374	1,140	38,780		
Total.....	31,861,763	65,674,040	316,713	3,273,560		12,776,309	13,042	244,316	1,038	6,179

(e) Quantity not published since 1931.

* Includes value of brucite granules shipped from Wakefield, Quebec to Canadian Refractories Ltd.

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Mica		Mineral Waters		Natro-Alunite		Phosphate		Pulpstones	
	Tons	\$	Imp. gals	\$	tons	\$	tons	\$	tons	\$
1870							1,200	13,000		
1871							200	2,100		
1872										
1873										
1874										
1875										
1876										
1877										
1878							10,743	208,109		
1879							8,446	122,035		
1880							13,060	190,086		
1881							11,968	218,456		
1882							17,153	308,357		
1883							19,716	427,668		
1884							21,709	424,240		
1885							28,969	496,293		
1886		29,008					20,495	304,338		
1887		29,810					23,690	319,815		
1888	15	30,207	124,850	11,456			22,485	242,285		
1889		28,718	424,600	37,360			30,368	316,662		
1890		68,074	561,163	60,031			31,753	301,045		
1891		71,510	427,455	54,268			23,588	241,603		
1892		104,745	640,380	75,348			11,932	187,424	60	900
1893		75,719	725,096	108,347			7,890	61,962	120	1,400
1894		45,581	767,460	110,040			6,861	41,166	90	1,500
1895		65,000	739,382	126,043			1,822	9,565	80	1,250
1896		60,000	706,372	111,736			570	3,420	60	900
1897		70,000	749,681	141,477			908	3,984	100	1,600
1898		118,375	555,000	100,000			3,000	3,665	200	3,200
1899		166,000		100,000			1,415	7,105	375	7,000
1900		160,000		75,000			1,033	6,280	360	6,100
1901		160,000		100,000			856	4,953	547	8,415
1902	1,059	135,904		100,000			1,329	8,214	250	4,100
1903		177,857		100,000			817	4,590	115	1,840
1904		160,777		100,000			1,300	8,425	140	1,960
1905		178,235		100,000			850	6,375	68	1,875
1906	574	303,313		100,000			824	6,018	40	600
1907	774	312,599		136,020			1,596	14,794	158	4,725
1908	436	139,371		151,953			988	6,054	240	6,640
1909	369	147,732		175,173			1,478	12,578	125	3,700
1910	758	190,385		193,663			621	5,206	160	3,960
1911	590	123,677		223,758			184	1,640	125	4,000
1912	580	143,976		172,465			385	3,842	100	3,400
1913	1,104	194,364		173,677			217	2,502	40	4,000
1914	595	109,061		134,111			203	2,514		
1915	417	91,905		115,274			149	1,486	47	2,750
1916	1,208	255,239		127,806			140	1,200	160	8,400
1917	1,166	358,851		145,814			24	331	14	420
1918	747	271,550		154,468						
1919	2,754	273,788		71,015						
1920	2,208	376,022		24,582						
1921	702	70,063	328,723	21,716	30	1,500	30	450	125	10,000
1922	3,349	152,263	231,433	14,220	50	2,500	190	1,796	200	22,000
1923	3,525	326,974	232,451	16,465	15	750	30	600	150	12,000
1924	4,091	357,272	209,353	15,421					280	25,100
1925	4,020	261,463	190,134	28,413	20	1,000	16	189	624	53,113
1926	2,545	229,204	215,356	29,721			40	800	1,155	89,541
1927	2,738	174,377	303,530	14,624	7	248	151	1,717	911	75,242
1928	3,660	87,168	269,045	33,498			641	8,276	581	52,659
1929	4,053	118,549	321,905	16,139			1,185	5,380	754	62,336
1930	1,170	96,004	227,141	24,481			40	760	573	49,897
1931	1,339	54,066	217,408	13,234					342	27,305
1932	309	6,828	76,714	7,170			1,316	12,333	60	3,600
1933	944	49,284	38,818	5,441			2,214	5,475	214	9,870
1934	998	97,071	97,440	17,738			81	683	523	27,225
1935	628	82,038	146,516	16,590			186	1,103	238	14,109
1936	801	74,556	154,286	18,516			525	4,927	87	4,500
1937	945	133,731	225,019	20,588			100	900	87	4,875
1938	518	80,989	188,309	21,619			208	1,886		
1939	1,068	147,321	123,679	19,105			157	1,712		
1940	975	237,145	140,663	20,892			358	4,039		
1941	1,743	325,288	181,064	72,531			2,487	33,276		
1942	3,010	383,567	157,085	74,505			1,264	17,431		
Total		8,797,670		4,245,465	122	5,998	346,451	4,712,894	11,569	690,778

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Nepheline Syenite		Quartz*		Salt		Sharpening Stones		Silica Brick		Sodium Carbonate	
	\$	tons	\$	tons	tons	\$	tons	\$	M	\$	tons	\$
1886					62,369	227,195						
1887					60,173	196,394						
1888					59,070	185,460						
1889					32,832	129,547						
1890		200	1,000		43,754	198,837						
1891					45,021	161,179						
1892					45,480	162,041						
1893		100	500		62,324	195,926						
1894					57,199	170,687						
1895					52,876	160,455						
1896		10	50		43,960	169,693						
1897					51,948	225,730						
1898		284	570		37,142	245,639	33	685				
1899		600	1,260		59,839	254,990	24	1,000				
1900					62,055	278,458						
1901					59,428	262,328						
1902					64,456	292,561						
1903					62,432	297,517						
1904					69,477	321,778						
1905					67,340	320,858						
1906		48,378	65,765		76,720	329,130	12	600				
1907		56,585	124,148		72,697	342,315	18	900				
1908		44,741	52,830		79,876	373,798	27	1,350				
1909		56,924	71,235		84,037	415,216	33	1,650				
1910		88,205	91,951		91,582	409,624	36	1,800				
1911		60,526	83,368		95,053	443,004	54	2,000				
1912		100,242	165,216		100,791	491,250	74	2,425				
1913		78,261	109,342		107,038	493,648	115	1,254				
1914		54,148	84,585		119,900	600,226	281	3,015				
1915		127,108	205,153		132,803	717,653	224	2,614				
1916		138,745	251,226		138,909	1,047,792	307	4,302				
1917		216,282	496,182		131,727	1,285,039	56	3,500				
1918		268,155	628,813		148,301	1,397,929	45	3,392				
1919		94,991	527,635		209,855	1,544,724	56	3,987				
1920		128,205	467,821		184,658	1,673,685	17	1,430			197	14,775
1921		100,350	312,947		181,794	1,628,323	18	1,450			202	3,627
1922		109,947	208,598		202,367	1,713,516	35	3,500			205	3,975
1923		264,076	599,250		207,679	1,374,780	36	3,600			510	5,173
1924		150,896	323,156		233,746	1,410,697	46	4,600			1,120	8,140
1925		197,224	363,612		262,547	1,480,149	27	2,700	2,665	130,702	595	5,370
1926		232,082	553,181		268,672	1,614,667	23	2,300	1,791	79,527	805	8,995
1927		233,934	496,364		299,445	1,495,971	24	2,400	3,224	155,502	519	4,922
1928		282,522	523,933		330,264	1,578,096	155	6,617	3,951	173,581	609	8,100
1929		285,949	561,527		271,695	1,604,631	22	2,250	2,413	97,379	394	4,550
1930		226,200	418,127		259,047	1,904,149	81	2,634	900	35,746	712	7,351
1931		195,724	303,158		263,543	1,947,551	68	2,899	93	4,304	495	5,450
1932		189,132	276,147		280,115	1,939,874	123	4,970	636	23,185	599	5,778
1933		185,783	297,820		321,753	1,954,953	111	4,719	2,528	85,945	244	1,920
1934		272,563	482,265		360,343	1,880,978	47	5,400	2,461	96,194	242	2,430
1935		233,002	424,882		391,316	1,773,144	122	4,872	2,393	97,255	192	1,677
1936		37,426	1,046,649		1,129,011	458,957	74	4,147	3,744	151,126	285	2,574
1937		121,481	1,377,445		440,045	1,912,913	21	3,408	1,788	100,403	252	2,288
1938		142,737	1,380,011		424,500	2,436,632	20	3,088	2,493	124,807	300	2,400
1939		140,148	1,582,935		464,714	2,823,269	(a) 51	2,685	3,438	182,786	220	1,760
1940		117,849	1,858,302		560,845	3,196,165	18	3,000	4,111	238,433	188	1,488
1941		227,563	2,052,878		653,672	3,844,187	16	2,000	4,273	263,006	256	2,048
1942		246,893	1,738,174									
Total	1,034,117	15,736,615	17,562,141	10,693,218	57,914,461	2,618	112,834	42,997	2,069,911	9,121	105,166	

*Commencing in 1936 includes low-grade fluxing sand.
(a) Includes 33 tons grinding pebbles valued at \$165, from Saskatchewan.

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Sodium Sulphate		Sulphur*		Talc and Soapstone		Volcanic Dust	
	tons	\$	tons	\$	tons	\$	tons	\$
1886			42,806	193,077	50	400		
1887			38,043	171,194	100	800		
1888			63,479	285,656	140	280		
1889			72,225	307,292	195	1,170		
1890			49,227	123,067	917	1,239		
1891			25,542	203,193				
1892			26,000	179,310	1,374	6,240		
1893			22,245	175,626	717	1,920		
1894			16,618	121,581	918	1,640		
1895			14,021	102,594	475	2,138		
1896			13,823	101,155	410	1,230		
1897			15,953	116,730	157	350		
1898			13,209	128,872	405	1,000		
1899			11,352	110,748	450	1,960		
1900			16,413	155,164	1,420	6,365		
1901			14,457	130,544	259	842		
1902			14,603	138,939	699	1,804		
1903			13,933	127,713	990	2,739		
1904			15,244	134,033	840	1,875		
1905			13,669	125,486	500	1,800		
1906			17,525	159,990	1,234	3,030		
1907			18,960	212,491	1,534	4,602		
1908			19,408	224,824	1,016	3,048		
1909			26,504	222,814	4,350	10,300		
1910			22,081	187,062	7,112	22,305		
1911			33,893	305,820	7,300	22,100		
1912			33,426	314,081	8,270	23,132		
1913			65,012	521,181	12,250	45,980		
1914			93,609	744,508	10,808	40,418		
1915			116,157	955,190	11,835	40,534		
1916			116,876	1,034,095	13,104	49,423		
1917			155,453	1,610,762	13,803	76,532		
1918			154,269	1,705,219	13,189	119,197		
1919			65,674	522,704	13,642	116,295		
1920	811	19,496	67,608	719,110	21,871	166,934		
1921	823	13,350	12,213	116,328	10,124	144,565		
1922	504	11,980	6,800	74,303	13,195	188,458		
1923	793	10,189	11,673	113,020	10,386	150,507		
1924	1,083	6,004	9,742	95,620	11,332	154,480	245	1,103
1925	3,876	19,380	7,587	58,899	14,474	205,835	160	1,380
1926	6,775	13,350	8,975	83,899	15,767	217,195	90	630
1927	5,559	11,319	25,229	198,388	16,521	236,103	105	735
1928	6,016	69,804	38,589	321,033	16,058	219,358	485	9,795
1929	5,018	64,112	42,751	350,843	16,698	229,198	300	6,000
1930	31,571	293,347	37,730	314,835	27,247	186,216	242	4,840
1931	44,957	421,097	50,107	429,457	21,916	157,083	128	2,560
1932	22,466	271,736	53,172	470,014	13,275	159,038	180	3,600
1933	50,080	485,416	57,373	510,299	16,829	190,836	118	2,360
1934	66,821	587,986	51,537	515,502	15,632	180,777	31	620
1935	44,817	343,764	67,446	634,235	13,301	171,532		
1936	75,598	552,681	122,132	1,033,055	18,587	177,270		
1937	79,384	618,023	130,913	1,154,992	15,939	163,814		
1938	63,009	553,307	112,395	1,044,817	13,814	144,848		
1939	71,485	628,151	211,278	1,668,025	18,241	170,066		
1940	94,280	829,589	170,630	1,298,018	23,791	229,639		
1941	115,608	931,554	280,023	1,702,786	34,632	360,809		
1942	131,258	1,079,692	303,714	1,994,891	29,868	310,824		
Total	922,912	7,840,532			551,659	5,128,195	2,084	33,623

* From 1891 to 1927 figures show sulphur content of pyrites shipped. Since 1927 figures include sulphur in pyrites shipped plus sulphur recovered from smelter gases. 1886 to 1890 inclusive tonnage of pyrites shipped.

Historical Summary of Canada's Mineral Production—Dominion Totals
—Continued

Year	Clay Products	Cement		Lime		Sand and Gravel	
	\$	Brls.	\$	tons	\$	tons	\$
1886.....	1,126,057				283,755	124,865	24,226
1887.....	1,398,907	69,843	81,909		394,859	180,890	30,307
1888.....	1,494,673	50,668	35,593		339,951	260,929	38,398
1889.....	1,652,334	90,474	69,790		362,848	283,044	52,647
1890.....	2,041,101	102,216	92,405		412,308	342,158	65,518
1891.....	1,802,932	93,479	108,561		251,215	243,724	59,501
1892.....	2,177,968	117,408	147,663		411,270	297,878	85,329
1893.....	2,619,590	158,597	194,015		900,000	329,116	121,795
1894.....	2,560,236	108,142	144,637		900,000	324,656	86,940
1895.....	2,487,248	128,294	173,675		700,000	277,162	118,359
1896.....	2,227,962	149,090	201,651		650,000	224,769	80,110
1897.....	2,325,903	205,213	275,273		650,000	152,963	76,729
1898.....	2,690,974	250,209	397,580		650,000	165,954	90,498
1899.....	2,988,099	396,753	633,291		800,000	242,450	101,640
1900.....	3,195,105	417,552	662,910		800,000	197,558	101,666
1901.....	3,382,706	450,394	660,030		830,000	197,302	117,465
1902.....	3,625,489	722,525	1,127,550		892,000	159,793	119,120
1903.....	4,034,289	719,993	1,225,247		900,000	355,792	124,006
1904.....	3,841,560	967,172	1,338,239		780,000	399,809	189,803
1905.....	4,709,842	1,360,732	1,924,014		750,000	306,935	152,805
1906.....	5,072,635	2,128,374	3,170,859	183,064	1,009,177	336,550	139,712
1907.....	5,772,117	2,441,868	3,781,371	166,436	974,595	298,095	119,853
1908.....	4,500,702	2,666,333	3,709,954	126,051	712,947	298,954	161,387
1909.....	6,450,840	4,067,709	5,345,802	195,752	1,132,756	481,584	256,166
1910.....	7,629,856	4,753,975	6,412,215	204,685	1,137,079	624,824	407,974
1911.....	8,359,933	5,692,915	7,844,937	263,673	1,517,599	573,494	408,110
1912.....	10,575,869	7,132,732	9,106,556	296,654	1,844,849		1,512,099
1913.....	9,504,314	8,658,805	11,019,418	264,547	1,609,398		2,258,874
1914.....	6,871,987	7,172,480	9,187,924	246,000	1,360,628		2,505,310
1915.....	3,914,488	5,681,032	6,977,024	176,654	1,015,702		1,624,767
1916.....	4,120,805	5,369,560	6,547,728	192,246	1,091,463	8,156,207	1,838,320
1917.....	4,779,038	4,768,488	7,724,246	229,851	1,558,487	9,182,417	2,326,249
1918.....	4,583,489	3,591,481	7,076,503	222,738	1,876,025	11,262,282	2,367,018
1919.....	7,906,366	4,995,257	9,802,433	250,163	2,310,607	10,364,481	2,680,460
1920.....	10,664,929	6,651,980	14,798,070	329,957	3,818,553	11,530,795	4,201,067
1921.....	8,857,818	5,752,885	14,195,143	240,767	2,781,197	11,574,862	2,537,249
1922.....	11,438,456	6,943,972	15,438,481	314,054	3,165,005	11,666,374	3,502,935
1923.....	10,433,016	7,543,589	15,064,661	351,236	3,266,608	12,752,515	3,016,518
1924.....	9,215,077	7,498,624	13,398,411	319,793	3,178,541	11,603,500	3,181,083
1925.....	9,529,891	8,116,597	14,046,704	358,979	3,387,652	11,018,647	3,220,410
1926.....	10,357,323	8,707,021	13,013,283	413,901	3,781,484	17,112,798	4,941,434
1927.....	11,173,189	10,065,865	14,391,937	444,753	3,923,388	22,952,819	6,055,601
1928.....	12,381,718	11,023,928	16,739,163	508,889	4,534,568	28,102,917	5,809,431
1929.....	13,904,643	12,284,081	19,337,235	674,087	5,908,610	27,346,945	7,317,814
1930.....	10,593,578	11,032,538	17,713,067	490,802	4,038,698	28,547,511	8,344,913
1931.....	7,841,288	10,161,658	15,826,243	344,785	2,764,415	21,748,586	6,651,165
1932.....	3,650,218	4,498,721	6,930,721	320,650	2,394,537	14,469,942	4,480,596
1933.....	2,262,835	3,007,432	4,536,935	323,540	2,432,306	11,738,823	4,464,285
1934.....	2,680,410	3,783,226	5,667,946	368,113	2,745,797	14,854,159	4,035,477
1935.....	3,012,563	3,648,066	5,680,043	405,419	2,925,791	21,213,489	6,389,440
1936.....	3,471,027	4,508,718	6,908,192	468,401	3,335,970	22,124,180	6,921,399
1937.....	4,516,859	6,168,971	9,095,867	549,353	3,824,917	27,001,301	10,492,696
1938.....	4,556,084	5,519,102	8,241,350	486,922	3,542,652	32,223,882	12,002,554
1939.....	5,151,256	5,731,264	8,511,211	552,209	4,003,514	31,294,341	11,241,102
1940.....	6,344,547	7,559,648	11,775,345	716,730	5,194,555	31,375,415	11,759,245
1941.....	7,575,356	8,368,711	13,063,588	860,885	6,357,941	31,604,806	10,375,723
1942.....	7,081,723	9,126,041	14,365,237	884,630	6,530,839	26,349,907	9,005,414
Total.....	319,149,048	243,382,421	385,639,836		119,647,056		170,390,712

DOMINION BUREAU OF STATISTICS

Historical Summary of Canada's Mineral Production—Dominion Totals
—Concluded

Year	Limestone (a)		Sandstone		Granite		Marble		Slate	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1886		650,384			5,062	63,309	501	9,900	5,345	64,875
1887		581,267			21,217	142,506	242	6,224	7,357	89,000
1888		664,825			21,352	147,305	191	3,100	5,314	90,689
1889		937,000			10,197	79,624	53	980	6,935	119,160
1890		984,787			13,307	65,985	790	10,776	6,368	100,250
1891		723,004			13,637	70,056	240	1,752	5,000	65,000
1892		633,188			24,302	89,326	340	3,800	5,180	69,070
1893		1,131,006			22,521	94,393	590	5,100	7,112	90,525
1894		1,269,645			16,392	109,936				75,550
1895		1,136,603			19,238	84,838	200	2,000		58,900
1896		1,042,850			18,717	106,709	224	2,405		53,370
1897		1,037,448			10,345	61,934				42,800
1898		1,335,403			23,897	81,073				40,791
1899		1,551,886			13,418	90,542				33,406
1900		1,564,582				80,000				12,100
1901		1,837,737				155,000			715	9,980
1902		2,127,055				210,000				19,200
1903		2,230,939				200,000			5,510	22,040
1904		2,114,315				150,000			5,277	23,247
1905		2,072,758				226,305				21,668
1906		2,084,056				278,419				24,446
1907		1,332,550			151,136	194,712			4,335	20,056
1908		1,681,293				282,320		125,000	2,950	13,496
1909		2,139,891		374,179		454,824		158,441	4,000	19,000
1910		2,249,676		502,148		739,516		158,779	3,959	18,492
1911		2,594,926		451,183		1,119,805		162,788	1,833	8,248
1912		2,762,936		329,352		1,373,119		260,764	1,894	8,989
1913		3,204,091		396,782		1,653,791		249,975	1,432	6,444
1914		2,672,781		487,140		2,176,602		132,533	1,075	4,837
1915		2,312,081		249,336		1,525,553		158,027	397	2,039
1916		2,224,091		146,244		1,247,207		118,810	1,262	9,223
1917		2,283,659		201,256		639,412		55,820	1,422	7,759
1918		2,342,403		102,750		590,671		213,550	933	5,124
1919		3,074,815		86,577		860,563		240,593	1,632	10,553
1920		5,665,693		165,149		1,508,919		172,720		14,200
1921	3,222,024	5,155,046	28,426	78,036	319,398	937,894	1,650	172,720		22,325
1922	3,162,124	4,175,941	25,221	80,908	467,925	1,486,250	1,912	231,894	1,899	14,871
1923	3,687,663	4,475,921	22,766	66,547	398,432	1,159,303	2,473	201,516	1,836	17,289
1924	4,249,031	4,831,684	94,603	240,273	419,971	1,013,345	4,379	222,455		
1925	4,643,853	5,049,563	87,502	145,757	971,718	2,014,535	3,046	254,922		
1926	5,238,745	5,657,328	44,127	112,347	1,064,423	1,574,627	5,295	521,572		
1927	6,438,379	7,145,917	132,799	232,793	1,730,093	1,335,537	7,753	414,632		
1928	6,949,420	7,267,457	100,951	223,230	1,193,810	2,368,945	14,012	414,032		
1929	7,720,840	8,172,691	169,407	398,974	1,728,165	3,080,815	26,089	800,532	150	3,000
1930	7,732,675	8,075,616	384,610	769,060	1,851,132	3,379,951	26,089	688,713	250	5,000
1931	6,262,430	6,305,558	924,101	1,332,883	1,190,887	2,763,050	12,379	250,706	250	3,750
1932	3,697,241	3,227,715	600,430	349,458	490,822	1,110,582	10,897	85,913	250	3,750
1933	2,572,911	2,142,518	99,043	109,562	256,733	679,585	13,783	69,475	738	4,802
1934	3,747,779	3,157,832	115,189	143,233	338,005	1,126,287	15,075	85,369	1,129	4,320
1935	3,031,666	3,253,373	342,824	495,856	941,743	1,519,313	22,866	189,668	1,247	5,414
1936	3,731,543	3,143,872	285,508	495,856	1,135,000	1,827,433	21,642	88,505	900	5,519
1937	5,542,806	4,673,942	235,165	349,871	1,705,307	1,979,417	19,375	87,274	879	6,311
1938	4,288,507	3,864,619	101,854	219,405	1,102,395	2,119,501	14,124	200,054	1,149	6,760
1939	4,149,589	3,817,551	176,265	331,830	1,147,747	1,864,410	13,739	75,400	1,113	7,522
1940	6,108,591	5,126,075	176,473	305,543	600,922	1,498,788	17,649	126,081	1,296	12,562
1941	7,151,049	6,087,727	169,885	226,810	1,366,425	1,946,249	13,824	88,209	1,369	16,801
1942	6,442,563	6,468,525	153,865							
Total		*144,773,362		*10,900,061		53,778,166		7,903,834		1,411,812

* Total value from 1909 to 1942.

(a) Exclusive of limestone used in making cement and lime.

Total (Cumulative) Recorded Production in Canada of Specified Metals and Minerals to December 31, 1942

		Quantity	Value
			\$
Gold.....	(a) fine ounces	85,723,542	2,431,280,820
Silver.....	(b) fine ounces	849,948,250	430,859,059
Copper.....	(c) pounds	8,600,120,793	1,004,753,176
Nickel.....	(d) pounds	3,619,405,648	995,912,410
Lead.....	(b) pounds	7,818,280,620	338,057,085
Zinc.....	(f)	232,418,202
Cobalt.....	(e) pounds	34,205,142	33,501,404
Platinum metals.....	(g) fine ounces	2,811,548
Coal.....	(h) tons	651,463,000	1,968,406,563
Asbestos.....	(i) tons	8,192,478	314,769,497

Note.—The total value of production by the entire Canadian mining industry from 1886 to the end of 1942 totalled \$9,751,982,266.

(a) Since 1858; (b) since 1887; (c) since 1886; (d) since 1889; (e) since 1904; (f) since 1898; (g) since 1920. Production data prior to 1920 were not included owing to some doubt existing as to origin of certain metals recovered in United States plants (h) since 1785 (i) since 1880.

Values of the Mineral Production of Canada, by Provinces, since 1932

Year	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba
	\$	\$	\$	\$	\$
1932.....	16,201,279	2,223,505	25,638,466	85,910,030	9,058,365
1933.....	16,986,183	2,107,682	28,141,482	110,205,021	8,026,951
1934.....	23,310,720	2,156,151	31,269,945	145,565,571	9,779,934
1935.....	23,183,128	2,821,027	39,124,898	158,634,269	12,052,417
1936.....	26,672,278	2,587,791	49,733,910	184,532,392	11,315,327
1937.....	30,314,188	2,763,643	65,160,215	230,042,517	15,751,645
1938.....	26,233,645	3,802,566	68,965,594	219,801,934	17,137,002
1939.....	30,746,200	3,948,433	77,335,998	232,519,043	17,137,930
1940.....	33,318,587	3,435,918	86,313,491	261,483,349	17,825,522
1941.....	32,569,867	3,690,375	99,551,044	267,435,727	16,589,867
1942.....	32,783,165	3,608,158	104,303,010	259,114,946	14,345,046

Year	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories (*)
	\$	\$	\$	\$	\$
1932.....	1,681,728	21,174,061	27,329,173	1,993,195	21,423
1933.....	2,477,425	19,702,968	30,794,504	2,041,223	279,729
1934.....	2,977,061	20,228,851	41,206,965	1,628,879	199,604
1935.....	3,816,943	22,289,681	45,692,050	1,302,308	541,638
1936.....	6,970,397	23,305,726	54,407,036	2,220,372	775,834
1937.....	10,271,493	26,597,117	73,555,798	3,784,528	994,518
1938.....	7,782,847	28,966,272	64,549,130	3,959,570	1,614,076
1939.....	8,794,090	30,691,617	65,216,743	4,961,321	3,248,777
1940.....	11,505,868	36,092,337	74,194,485	4,118,333	2,594,157
1941.....	16,020,555	41,364,389	76,841,180	3,117,992	3,880,298
1942.....	20,578,749	47,369,831	77,247,932	3,463,568	3,976,267

* Values of pitchblende products not included in 1942.

Historical Summary of the Mineral Production of British Columbia

—	Arsenic		Bismuth		Cadmium		Cement		Chromite		Clay Products
	lb.	\$	lb.	\$	lb.	\$	barrels	\$	tons	\$	\$
1886											41,150
1887											19,480
1888											42,532
1889											62,317
1890											67,201
1891											79,475
1892											129,234
1893											*
1894											*
1895											*
1896											*
1897											*
1898											100,000
1899											109,000
1900											105,000
1901											101,996
1902											76,313
1903											152,748
1904											158,874
1905											98,886
1906											123,277
1907											306,137
1908											344,446
1909											470,402
1910											562,360
1911							401,000	601,500			675,505
1912							511,539	767,038			996,568
1913							574,258	980,560			684,904
1914							491,151	833,606			413,909
1915							309,436	526,042			229,763
1916							285,679	436,459			292,698
1917	260,000	11,200					207,587	438,009			334,685
1918	2,156,000	43,114					106,415	283,497	670	31,395	357,921
1919	1,080,000	21,218					†				293,478
1920	1,256,000	22,231					†				596,172
1921							†				415,869
1922	1,036,000	21,097					391,090	1,173,270			447,452
1923	1,217,970	41,780					795,637	1,302,482			426,138
1924	495,250	19,768					472,327	1,240,331			460,594
1925	1,277,696	16,978					465,185	1,151,844			523,931
1926	1,019,200	11,262					544,863	1,239,018			592,495
1927	1,231,790	13,611					523,931	1,182,552			679,788
1928	1,334,997	14,903			491,894	341,374	670,796	1,495,204			706,039
1929	1,487,175	16,433	166,883	283,701	773,976	675,294	680,907	1,487,223	126	900	866,427
1930	1,773,333	19,595			456,582	337,871	721,044	1,489,233			687,516
1931			110,876	154,118	323,139	180,958	578,636	1,172,549			498,505
1932			57	51	65,425	26,824	253,112	536,528			216,355
1933			70,723	77,795	246,041	78,733	115,286	225,342			174,205
1934			246,092	297,771	293,611	95,665	122,345	232,009			194,437
1935			6,718	6,449	580,530	441,203	167,226	314,116			216,636
1936			360,613	357,007	526,034	468,170	281,549	516,931			280,891
1937					436,431	715,747	344,072	623,725			349,640
1938					510,342	410,090	335,488	626,731			365,132
1939			409,449	466,362	799,253	563,241	272,679	520,420			371,140
1940			40,740	56,384	778,791	905,734	363,366	704,567			520,853
1941			12	17	1,081,374	1,269,533	501,945	986,322			558,426
1942	(a)7,114,751	71,148	345,223	476,408	972,413	1,147,447	571,945	1,198,014			560,746
Total	22,720,162	344,338	1,757,386	2,176,063	8,335,836	7,657,884	12,080,494	24,284,622	796	32,295	18,139,676

(a) Arsenic content of gold ores exported; arsenic content not paid for.

*Data not available by provinces.

† Included with other products.

Historical Summary of the Mineral Production of British Columbia—Continued

—	Coal (a)		Copper		Diatomite		Fluorspar		Gold	
	tons	\$	lb.	\$	tons	\$	tons	\$	fine oz.	\$
1858.....									34,104	705,000
1859.....									78,129	1,615,072
1860.....									107,806	2,228,543
1861.....									128,973	2,666,118
1862.....									128,528	2,656,903
1863.....									189,318	3,913,563
1864.....									180,722	3,735,850
1865.....									168,887	3,491,205
1866.....	(b) 214,410	765,748							128,779	2,662,106
1867.....	34,988	124,956							120,012	2,480,868
1868.....	49,286	176,020							114,792	2,372,972
1869.....	40,098	143,208							85,865	1,774,978
1870.....	33,424	119,372							64,675	1,336,956
1871.....									87,048	1,799,440
1872.....	166,274	593,836							77,931	1,610,972
1873.....									63,166	1,305,749
1874.....	90,788	243,163							89,233	1,844,618
1875.....	109,361	292,932							119,724	2,474,904
1876.....	157,007	420,555							86,429	1,786,648
1877.....	156,455	419,076							77,796	1,608,182
1878.....	213,750	572,544							61,688	1,275,204
1879.....	260,277	697,170							62,407	1,290,058
1880.....	305,045	817,086							49,044	1,013,827
1881.....	257,056	688,542							50,636	1,046,737
1882.....	323,201	865,716							46,154	954,085
1883.....	240,075	643,059							38,422	794,252
1884.....	441,130	1,181,598							35,612	736,165
1885.....	372,987	999,072							34,527	713,738
1886.....	375,415	1,005,576							43,714	903,661
1887.....	486,142	1,302,165							33,558	693,709
1888.....	539,467	1,445,001							29,834	616,731
1889.....	636,439	1,704,747							28,489	588,923
1890.....	767,586	2,056,035							23,918	494,436
1891.....	1,130,227	3,027,528							20,792	429,811
1892.....	937,218	2,510,406							19,327	399,525
1893.....	1,093,980	2,930,304							18,360	379,535
1894.....	1,112,628	2,980,254	*324,680	31,039					25,664	530,530
1895.....	1,068,045	2,834,049	*952,340	102,526					61,289	1,266,984
1896.....	1,003,769	2,688,666	*3,818,556	415,459					86,604	1,788,206
1897.....	1,019,390	2,730,510	*5,325,180	601,213					131,805	2,724,667
1898.....	1,263,680	3,384,858	*7,271,678	874,783					142,215	2,989,862
1899.....	1,431,101	3,833,307	*7,722,591	1,359,948					203,295	4,202,473
1900.....	1,791,833	4,799,553	*9,977,080	1,615,289					228,916	4,732,105
1901.....	1,919,488	5,141,487	*27,603,746	4,448,896					257,292	5,318,703
1902.....	1,808,441	4,844,040	*29,636,057	3,445,488					288,883	5,961,409
1903.....	1,676,581	4,490,844	*34,359,921	4,547,735					284,108	5,873,036
1904.....	1,862,625	4,989,174	*35,710,128	4,579,110					275,975	5,704,908
1905.....	1,945,452	5,211,030	*37,692,251	5,876,222					285,629	5,902,402
1906.....	2,146,262	5,748,915	*42,990,488	8,287,706					269,886	5,579,039
1907.....	2,364,898	7,390,306	*40,832,720	8,168,177					236,216	4,883,020
1908.....	2,333,708	7,292,838	37,041,115	4,892,390					296,858	5,929,880
1909.....	2,606,127	8,144,147	35,658,952	4,629,245					250,320	5,174,579
1910.....	3,330,745	10,408,580	35,270,006	4,492,693					261,886	5,403,318
1911.....	2,542,532	7,945,413	35,279,558	4,366,198					238,496	4,930,145
1912.....	3,208,997	10,028,116	50,526,656	8,256,561					251,815	5,205,485
1913.....	2,714,420	8,482,562	45,791,579	6,991,916					297,459	6,149,027
1914.....	2,239,799	6,999,374	41,219,202	5,606,636					252,730	5,224,393
1915.....	2,065,613	6,455,041	56,692,988	9,793,714					273,876	5,651,184
1916.....	2,584,061	8,075,190	63,642,550	17,312,048					219,633	4,540,216
1917.....	2,433,888	8,235,716	57,790,959	15,691,275					133,742	2,764,693
1918.....	2,568,589	11,494,681	62,865,681	15,432,560					175	3,724,300
1919.....	2,649,516	13,512,532	44,502,079	8,317,884			175	5,250	180,163	3,724,300
1920.....	3,085,011	18,105,814	45,319,771	7,911,019			1,638	38,556	167,252	3,457,406
1921.....	2,890,291	15,676,774	34,447,127	4,306,580			7,477	171,971	124,808	2,550,010
1922.....	2,927,083	14,622,317	31,936,182	4,273,700			5,403	134,523	150,792	3,117,147
1923.....	2,823,306	13,813,520	55,224,737	7,963,959			4,219	98,233	207,370	4,286,718
1924.....	2,193,667	10,601,998	65,451,246	8,524,370			75	1,135	200,140	4,137,261
1925.....	2,742,252	11,720,373	69,221,600	9,720,097					245,719	5,079,462
1926.....	2,613,719	10,612,915	89,108,017	12,292,460			3,874	19,034	219,227	4,531,824
1927.....	2,746,243	10,934,777	91,686,297	11,845,870					225,866	4,669,065
1928.....	2,804,594	11,084,353	102,283,210	14,902,664	160	4,800			183,094	3,784,889
1929.....	2,490,378	10,160,789	103,903,738	18,772,778	175	5,250	17,800	267,000	196,617	4,064,434
1930.....	2,083,818	8,421,572	93,318,885	12,114,657	146	5,147			154,204	3,187,680
1931.....	1,876,406	7,150,996	65,223,348	5,459,194	66	2,270			164,331	3,397,023
1932.....	1,681,490	6,392,801	50,580,104	3,227,111	47	440			160,069	3,451,865
1933.....	1,382,272	5,306,287	43,146,724	3,216,502	14	410			199,004	4,672,429
1934.....	1,485,969	5,351,108	48,246,924	3,579,553	6	190			238,995	6,335,257
1935.....	1,331,287	5,043,510	35,478,043	2,999,525	57	1,880			296,196	10,218,762
1936.....	1,489,171	5,493,425	21,169,343	2,006,219	10	350			391,633	13,781,565
1937.....	1,598,843	5,863,849	45,797,988	5,989,461	124	1,346			451,938	15,831,388
1938.....	1,440,287	5,237,077	65,759,265	6,557,514	14	362			505,857	17,699,636
1939.....	1,537,905	5,404,061	73,253,408	7,392,734	17	447			605,617	21,302,578
1940.....	1,867,846	6,157,250	77,742,582	7,841,117	7	171			626,970	22,659,323
1941.....	2,020,844	6,492,672	66,327,166	6,689,758	105	2,625			617,011	23,754,924
1942.....	2,168,541	7,566,822	50,015,521	5,044,565	147	2,547	1,559	25,498	608,208	23,415,816
Total.....	112,465,447	401,171,678	2,278,889,467	322,818,136	1,095	28,235	42,220	761,200	15,566,706	336,684,367

NOTE.—In 1928 1,730 pounds of cobalt were produced, valued at \$420.
 *Metal content of ores shipped as published by British Columbia Department of Mines.
 (a) The tonnage shown for 1919-1942 inclusive, is the total output from all mines. For previous years the figures include only sales, colliery consumption and coal used by operators.
 (b) 1836-1866 inclusive.

Historical Summary of the Mineral Production of British Columbia—Continued

—	Gypsum		Iron Ore		Iron Oxides		Lead		Lime		Magnesium Sulphate	
	tons	\$	tons	\$	tons	\$	lb.	\$	bushels	\$	tons	\$
1886			3,941						4,000	2,500		
1887			2,795				204,800	9,216	10,080	2,688		
1888			8,372				674,500	29,813	13,000	3,900		
1889			15,487				165,100	6,488	60,000	15,200		
1890									30,000	8,000		
1891			950									
1892			2,500				808,420	33,064				
1893			1,325				2,131,092	79,480				
1894			1,120				5,703,222	187,636				
1895			1,222				16,461,794	531,716				
1896			1,195				24,199,977	721,159				
1897			2,099				38,841,135	1,390,513				
1898			280				31,093,559	1,193,017				
1899			2,071				21,802,439	877,250				
1900			1,110				63,158,621	2,760,031				
1901			7,000				51,532,906	2,235,603				
1902			10,019				22,536,351	917,005				
1903			2,290				18,099,283	755,443				
1904							36,646,244	1,379,086				
1905							56,580,703	2,663,254				
1906							52,408,217	2,694,733	106,192	26,894		
1907			2,500				47,738,703	2,542,086	159,963	49,847		
1908							48,195,753	1,814,221	170,456	44,027		
1909							45,857,424	1,692,139	231,269	75,076		
1910							32,987,508	1,216,249	196,878	72,657		
1911	780	1,875					23,784,969	827,717	351,014	117,756		
1912							35,703,476	1,397,654	517,329	181,905		
1913	200	1,300					37,626,899	1,753,037	362,571	115,365		
1914							36,239,845	1,325,422	151,689	56,787		
1915							45,377,084	2,541,116	162,237	49,725		
1916							39,157,701	3,338,466	194,042	66,325		
1917	10	20					29,453,725	3,283,602	232,955	59,087	929	4,845
1918			2,200	6,600			47,594,328	4,402,475	401,532	143,697	1,049	14,535
1919			1,200				40,080,113	2,790,587	351,253	137,963	738	9,115
1920			1,212	7,272			32,792,725	2,931,870	561,305	341,832	1,047	39,888
1921	40	100			169	845	60,298,603	3,462,346	190,341	252,630	2,029	39,508
1922	100	500			3	120	87,093,266	5,439,265	616,830	284,841	1,021	24,017
1923	323	1,615			513	6,450	99,541,818	7,146,107	690,971	388,494	121	6,580
1924	20	150			120	2,620	168,467,628	13,652,617	636,348	370,829		
1925	240	865			133	2,740	242,454,602	22,111,850	649,868	364,435		
1926	20,916	156,964			108	920	266,812,481	18,012,509	728,633	418,882		
1927	24,493	201,754			194	1,350	292,770,544	15,388,020	688,890	378,883		
1928	20,982	229,843			135	1,815	317,722,146	14,637,377	1,004,267	473,996		
1929	24,666	243,814			298	2,000	307,999,153	15,555,189	1,131,171	510,592		
1930	32,128	246,458			6	120	321,803,725	12,837,232	1,043,343	335,057		
1931	20,544	176,173			110	1,000	281,902,236	7,097,812	852,171	277,269		
1932	10,728	84,084			223	2,000	282,007,674	5,326,432	490,067	160,001		
1933	5,107	46,004			165	1,485	383,345,776	6,298,178	591,914	192,925	120	3,360
1934	9,681	49,081			161	1,600	344,467,138	8,392,597	562,486	153,856	42	1,100
1935	7,618	52,335			159	1,687	336,784,326	10,552,069	457,267	99,960	340	7,965
1936	14,078	77,255			396	4,000	376,645,367	14,738,133	690,267	134,785	654	13,712
1937	15,764	108,478			590	6,000	403,589,613	20,623,445	792,543	154,037	727	14,456
1938	17,451	100,080			434	4,560	413,706,307	12,834,339	561,571	174,161	470	9,400
1939	18,150	100,641			550	5,917	378,440,666	11,992,784	652,886	197,259	550	9,900
1940	19,987	120,043			376	3,948	466,849,112	15,695,487	811,086	234,534		
1941	23,882	141,320			275	2,884	456,849,454	16,358,978	1,014,343	244,051	265	7,343
1942	23,313	146,154			438	4,604	507,199,704	17,052,054	886,686	236,904	1,140	33,780
Total	311,201	2,287,969			5,547	58,665	7,693,261,622	326,297,676	19,916,673	7,623,751	13,042	244,310

NOTE.—There was a production of 803 tons of magnesite, valued at \$7,211 in 1921; and in 1916, 635 tons, valued at \$9,525. Also in 1941, 10,905 pounds of magnesium metal in powder form were produced from B.C. magnesite, at Trill, valued at \$2,944; the corresponding output in 1942 was 193,727 pounds at \$35,240.

Historical Summary of the Mineral Production of British Columbia—Continued

	Antimony		Manganese Bog		Mercury (a)		Mica*		Mineral Waters	Natro-Alunite		Phosphate	
	lb.	\$	tons	\$	lb.	\$	lb.	\$	\$	tons	\$	tons	\$
1895..					71	2,343							
1896..					58	1,940							
1897..					0	324							
1907..	83,850	5,108			flasks (a)								
1909..	61,207	4,285											
1910..									4,000				
1911..									3,500				
1912..									4,200				
1913..									4,800				
1914..									2,330				
1915..									1,400				
1916..		13,003							1,250				
1917..									1,352				
1918..			440	6,230					1,455				
1919..			616	10,559					1,800				
1920..			587	6,889									
1921..										30	1,500		
1922..										50	2,500		
1923..										15	750		
1924..													
1925..										20	1,000		
1926..													
1927..										7	248	38	494
1928..												550	7,150
1929..			1	30								1,145	4,580
1930..													
1931..													
1932..													
1933..												2,109	4,670
1934..								46,000	853				
1935..								114,000	2,045				
1936..													
1937..													
1938..					760	760	96,250	1,562					
1939..	1,224,385	151,321			436	1,228	(b)	(b)					
1940..	2,594,492	390,408			153,830	389,317	160,000	2,600					
1941..	3,185,077	445,811			536,304	1,336,697	295,000	3,678					
1942..	3,041,030	516,975			1,035,914	2,943,807	552,000	9,061					
Total..			1,644	23,708		4,658,414	1,274,250	19,799	26,117	122	5,998	3,842	16,594

(a) 1895-1897—recorded as flasks, 1897 to 1906 no production; 1908—no production. (b) Not published.

* 1899—Production valued at \$525 included in Dominion total as Ontario and Quebec.

NOTE.—1937—Nickel production valued at \$37,753; and in 1936 a relatively small tonnage of nickel ore exported; no data available.

1918—Molybdenite production of 1,600 pounds, valued at \$1,840; 1917—3,705 pounds, valued at \$3,705 and in 1916 production valued at \$13,003, including antimony. In 1942 there were 4,857 pounds of molybdenite concentrates valued at \$2,907 shipped to the Quyon plant, Quebec, from an old stock pile in Renfrew county, Ontario.

Historical Summary of the Mineral Production of British Columbia—Continued

—	Platinum		Other Platinum Metals (Palladium, Rhodium, etc.)		Quartz		Sand and gravel		Silver		Sodium Carbonate	
	fine oz.	\$	fine oz.	\$	tons	\$	tons	\$	fine oz.	\$	tons	\$
1887.		5,600								17,690		
1888.		5,000								79,780		
1889.		3,500								53,192		
1890.		4,600								70,427		
1891.		10,000								3,306		
1892.		3,500								77,160		
1893.		1,800								195,000		
1894.		950								746,379		
1895.		3,800								1,496,522		
1896.		750								3,135,343		
1897.		1,600								5,472,971		
1898.		1,500								4,232,401		
1899.		825								2,939,413		
1900.										3,958,175		
1901.		457								5,151,333		
1902.		190								3,917,917		
1903.										2,996,204		
1904.		420								3,222,481		
1905.		500								3,439,417		
1906.										2,990,262		
1907.										2,745,448		
1908.										2,631,359		
1909.										2,649,141		
1910.										2,407,887		
1911.										1,887,147		
1912.								385,946		2,651,002		
1913.	18	489						150,863		3,312,343		
1914.								391,731		3,159,897		
1915.	23	1,063			30,559	61,118	868,240	256,454		3,565,852		
1916.	15	600			41,077	82,154	578,424	230,197		3,892,372		
1917.	57	3,823			37,755	132,143				2,655,994		
1918.	39	2,560			49,880	149,658				3,821,339		
1919.	26	2,150			32,715	340,313				3,713,537		
1920.	17	719			35,876	141,200				3,327,029		
1921.	23	1,726			22,283	62,317				3,350,357		
1922.	12	1,154			17,425	37,521	980,251	304,071		7,150,937		
1923.	7	816			25,590	47,029	434,194	266,119		6,113,327		
1924.	5	569			21,358	43,084	1,105,459	344,937		3,153,003		
1925.	6	715			853	2,262	1,415,232	446,896		3,579,458		
1926.	50	4,258			6,466	77,060	1,486,254	357,855		10,825,816		
1927.	11	980			20,559	80,824	1,379,143	342,021		11,040,445		
1928.	30	4,649	520	22,270	10,017	48,876	2,334,270	829,069		10,943,367		
1929.	45	2,828	177	6,836	9,842	45,947	2,425,996	665,132		10,156,408		
1930.	24	1,089	52	1,356	1,095	5,291	2,494,743	819,739		11,825,530		
1931.	50	1,783			519	1,297	2,726,704	914,322		8,061,969		
1932.	59	2,372			15,621	8,435	1,487,513	525,604		7,293,462		
1933.	40	1,400			22,668	17,681	961,672	332,962		6,737,057		
1934.	55	2,051			24,847	13,990	958,149	335,142		8,729,721		
1935.	39	1,275			11,056	4,771	1,381,720	481,820		9,178,400		
1936.	20	809			146	788	1,753,416	556,796		9,748,715		
1937.	22	1,066					1,648,935	733,935		11,530,177		
1938.	16	515					2,211,682	751,491		11,186,593		
1939.	25	877					2,284,995	870,268		10,648,031		
1940.	24	938					2,037,878	609,075		11,338,556		
1941.	60	2,293			631	1,879	2,900,924	1,151,322		11,233,788		
1942.	Censored				815	2,037	2,599,861	1,091,202		10,599,204		
Total			749	30,462	445,764	1,462,325		14,115,499	290,849,567	156,954,876	9,121	105,166

NOTE.—In addition there was produced in 1931-731 pounds of selenium valued at \$1,389.

Historical Summary of the Mineral Production of British Columbia—Continued

STONE

	Granite		Limestone		Marble		Sandstone		Grindstones, pulpstones		Slate	
	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$	tons	\$
1909.....		134,310		37,258		25,000		168,513				
1910.....		244,767		43,121		3,679		130,825				
1911.....		460,851		56,748		1,600		179,580				
1912.....		624,178		55,617				99,816				
1913.....		469,666		38,830		600		71,783				
1914.....		918,131		51,435		3,343		51,774				
1915.....		701,593		79,583		1,700		14,000				
1916.....		464,949		92,769				8,600				
1917.....		66,170		89,808				110,000				
1918.....	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)				
1919.....	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)				
1920.....	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)				
1921.....	108,225	186,629	33,816	42,536								
1922.....	159,904	268,008	36,566	44,583			1,200	12,000				
1923.....	151,389	230,582	13,711	19,284								
1924.....	150,522	248,860	27,053	21,881			650	83,500	240	19,000		
1925.....	192,177	264,910	58,172	54,059			5,877	18,227	481	27,781		
1926.....	163,077	244,197	81,844	106,220			8,140	7,830	700	45,116		
1927.....	174,945	241,412	81,008	107,984	600	18,600			380	27,600		
1928.....	201,030	275,947	68,179	83,193	950	31,400	1,280	1,280	246	29,509		
1929.....	286,883	340,011	119,222	143,316	196	5,282	2,830	23,043	210	2,730		
1930.....	229,000	283,739	122,409	145,443	6,363	31,141	3,219	258,172	329	26,222	150	3,000
1931.....	302,150	322,014	159,198	152,269	810	8,761	9,559	592,740	322	25,795	250	5,000
1932.....	266,008	261,144	138,132	109,399	482	4,029	3,020	3,480	60	3,500	280	3,750
1933.....	94,967	109,512	150,805	130,706	300	2,547	4,200	10,760	200	9,000	280	3,750
1934.....	48,809	73,081	161,755	142,560	150	1,416			402	17,625	312	3,744
1935.....	118,782	100,432	215,933	189,381	604	5,471	21,576	63,006	202	10,829	310	3,100
1936.....	243,427	131,750	122,535	123,607	175	2,110	19,434	135,944	87	4,500	184	2,479
1937.....	273,692	318,725	176,513	177,939			13,220	52,561	87	4,875	186	2,790
1938.....	148,896	160,457	125,842	124,322			13,325	41,825			274	3,295
1939.....	101,214	120,404	205,045	200,842			6,460	29,060			419	5,428
1940.....	162,126	157,666	282,170	282,095	180	2,600	6,320	20,337			474	6,883
1941.....	129,941	146,403	201,359	226,702	300	2,800	8,640	15,650			950	12,216
1942.....	95,604	133,810	199,496	230,139	100	1,820	13,930	13,930			1,211	16,643
Total.....									3,346	245,082	5,220	72,078

(a) Data by kinds not available; total values of all kinds of stone were:—1918—\$187,842; 1919—\$217,006; 1920—\$276,505.

Historical Summary of Mineral Production of British Columbia—Concluded

	Peat moss		Sulphur*		Talc		Zinc†		Other products
	tons	\$	tons	\$	tons	\$	tons	\$	\$
1905.....							9,413	139,200	
1906.....							654	17,100	
1907.....							1,356	46,100	
1908.....									(d) 643,534
1909.....							(a) 17,476	233,749	(c) 330,201
1910.....							4,487	114,243	(b) 494,197
1911.....							2,680	101,072	
1912.....							6,405	211,309	
1913.....							7,554	180,127	
1914.....							9,924	252,546	671
1915.....							14,595	535,438	15,633
							lb.		
1916.....			1,060	5,300	53	848	21,701,560	2,778,667	
1917.....			5,709	28,545	25	400	27,861,441	2,479,947	241,661
1918.....			18,238	63,454			32,280,247	2,633,745	163,739
1919.....			6,730	33,650	190	500	30,295,015	2,223,048	373,193
1920.....			11,275	66,376	110	3,100	38,729,782	2,970,960	1,370,298
1921.....			3,597	4,557	167	4,175	53,089,356	2,471,310	925,361
1922.....			6,908	34,540	191	4,780	56,290,000	3,217,535	
1923.....			3,457	13,304	245	5,390	60,050,000	3,967,504	
1924.....			8,091	40,459	165	3,630	95,000,089	6,090,244	
1925.....			2,670	13,360	92	1,589	99,152,966	7,667,439	
1926.....			3,374	16,870			137,053,929	10,154,214	
1927.....			37,379	149,516	107	2,620	148,306,479	9,186,103	
1928.....			32,063	254,872			163,530,890	8,983,079	
1929.....			28,276	226,208	46	720	172,006,841	8,270,857	
1930.....			17,800	147,942	177	2,835	250,479,310	9,017,255	
1931.....			29,013	255,760	30	600	202,071,702	8,160,911	
1932.....			31,886	302,856	39	702	130,546,958	3,140,438	
1933.....			30,010	282,078	67	1,022	152,826,264	4,906,487	
1934.....			32,031	319,124	25	502	249,152,403	7,583,202	
1935.....			46,734	453,536	93	1,318	255,222,315	7,909,314	
1936.....			64,890	608,792	47	799	255,658,574	8,475,413	
1937.....			88,370	820,406			237,192,877	14,073,195	
1938.....			78,918	777,583			298,363,504	9,199,443	
1939.....	(e)	(e)	133,676	1,230,814			279,041,497	8,663,784	
1940.....	(e)	(e)	90,214	899,126			312,020,671	10,643,025	
1941.....	14,345	380,509	103,140	1,026,794			337,869,579	12,548,031	
1942.....	28,520	658,771	115,248	1,134,585			387,236,469	13,208,636	(f) 4,710
Total.....			1,031,813	9,200,401	1,779	35,530		190,252,761	4,463,398

NOTE.—1934—Production of 30 tons of volcanic dust, valued at \$600.

*Sulphur content of pyrites shipped and sulphur content salvaged smelter gas 1928-1942; figures for previous years represent tonnages and value of pyrites shipped.

†1905-1915 tons of ore or concentrates shipped from mines; 1916-1942 refined zinc made in Canada plus concentrated zinc in ores exported.

(a) Includes 7,424 tons shipped late in 1908.

(b) Includes cement sand-lime brick, etc.

(c) Includes cement, sand-lime brick, and a small value in refined antimony.

(d) Includes stone, etc.

(e) Included with manufactures.

(f) 471 pounds of iridium valued at \$4,710.

Dominion Bureau of Statistics
Mining, Metallurgical and Chemical Branch
Ottawa - Canada

E R R A T A

ANNUAL REPORT ON THE MINERAL PRODUCTION OF CANADA, 1942

Please substitute the following data for iron ore production:

Year	<u>Page 53</u>		<u>Page 62</u>	
	Short tons	\$	Short tons	\$
1890			5,000	(x)
1909			265,893	653,808
1910			251,445	513,722
1911			175,536	446,526
1912			112,521	222,490
1913			195,680	427,975
1914			240,079	551,200
1915			394,429	766,166
1916			271,967	706,799
1917	17,189	54,815	198,113	703,501
1918	8,159	44,551	201,119	835,722
1919			195,649	686,581
1920			126,900	507,600
1921			58,499	227,134
1922			16,100	52,055
1923			30,447	113,543
1924			44	(x)
TOTAL ..	468,325	...	6,255,018	...

(x) Not recorded.