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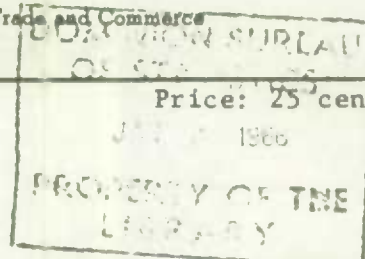
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CANADA'S MINERAL PRODUCTION (Preliminary Estimate) 1965



Canada's mineral industry again, in 1965, exceeded its previous record by shipping products which were valued at over \$3,737 million. This is shown in an estimate prepared by the Dominion Bureau of Statistics, Ottawa. In 1964 the value of minerals was \$3,387 million. The leading mineral commodities were: crude petroleum, \$718 million; nickel, \$435 million; iron ore, \$422 million; copper \$388 million; zinc, \$251 million and natural gas, \$197 million.

Metals, ores and concentrates were valued at \$1,923 million. Nickel shipments exceeded 260,000 tons and copper exceeded one billion pounds. Zinc increased to 830,000 tons and lead was up to 287,000 tons. A larger portion of the 40 million tons of iron ore was pelletized concentrates which increased the unit value. As expected the uranium production declined. New molybdenum mines began shipping late in the year.

Over \$310 million worth of non-metallic minerals were shipped in 1965. This exceeded the previous year's shipments by 9 per cent. Asbestos accounted for about \$140 million which is less than the 1964 record high. Potash shipments from the deposits in Saskatchewan rose from \$31 million in 1964 to \$54 million in 1965. Salt in various forms was in slightly greater demand during 1965. The tonnage and value of gypsum remained about the same level. Nepheline syenite which is used in the ceramic industry increased by 13 per cent. The demand for elemental sulphur was greater than the output, but the market was supplied by shipments from the stockpiles.

Mineral or fossil fuels shipped during the year had a total value of over \$1 billion. Most of 293 million barrels of crude petroleum was from wells in western Canada. Natural gas volume was about 1.4 trillion cubic feet. The natural gas by-products such as condensate, propane, butane, etc. were worth \$92 million. There was little change in the production of coal.

Structural materials followed the growth pattern of recent years by increasing 5 per cent. The cement plants shipped over \$144 million worth of cement. Clay products, including brick, tile, flue linings and pottery were valued at \$43 million. The combined value of stone, sand and gravel exceeded \$217 million.

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TABLE 1. Value of Mineral Production of Canada, by Classes, 1956-65

Year	Metallics	Non-metallics	Mineral fuels	Structural materials	Total
dollars					
1956	1,146,349,595	160,341,599	518,761,191	259,452,169	2,084,905,554
1957	1,159,579,226	169,061,110	564,776,791	296,905,265	2,190,322,392
1958	1,130,160,395	150,354,802	510,768,681	309,455,160	2,100,739,038
1959	1,370,648,535	178,216,641	535,577,823	324,577,512	2,409,020,511
1960	1,406,558,061	197,505,783	565,851,829	322,594,308	2,492,509,981
1961	1,387,159,036	210,467,786	653,327,802	331,345,763	2,582,300,387
1962	1,496,433,950	217,453,009	780,932,387	356,166,833	2,850,986,179
1963	1,509,536,951	253,452,413	908,428,087	379,011,116	3,050,428,547
1964	1,701,648,538	284,336,523	998,767,672	403,058,324	3,387,811,057
1965	1,923,305,756	310,827,059	1,079,737,606	423,185,127	3,737,055,548

TABLE 2. Mineral Production of Canada, by Provinces, 1963-65

Province	1963		1964		1965	
	Dollars	Per cent	Dollars	Per cent	Dollars	Per cent
Newfoundland	137,796,707	4.5	182,152,656	5.4	220,483,234	5.9
Prince Edward Island	798,345	0.1	831,283	0.1	985,171	0.1
Nova Scotia	66,317,617	2.2	66,073,596	2.0	66,633,831	1.8
New Brunswick	28,343,419	0.9	48,676,712	1.4	83,944,030	2.2
Quebec	540,615,068	17.7	684,583,430	20.2	704,704,474	18.8
Ontario	873,828,297	28.6	901,582,694	26.6	986,183,278	26.4
Manitoba	169,638,539	5.6	173,872,576	5.1	182,010,655	4.9
Saskatchewan	272,355,007	8.9	292,213,497	8.6	327,326,166	8.7
Alberta	669,311,368	21.9	735,896,463	21.7	799,344,875	21.4
British Columbia ...	261,146,081	8.6	268,659,305	7.9	279,235,860	7.5
Yukon	14,366,936	0.5	15,204,103	0.5	13,341,266	0.4
N.W. Territories ...	15,911,163	0.5	18,064,742	0.5	72,862,708	1.9
Totals	3,050,428,547	100.0	3,387,811,057	100.0	3,737,055,548	100.0

TABLE 3. Mineral Production of Canada, by Kinds, 1964 and 1965

	1964		1965	
	Quantity	Value dollars	Quantity	Value dollars
<u>Metallics</u>				
Antimony	lb. 1,591,523	700,270	1,232,665	653,312
Bismuth	" 399,958	816,628	513,213	1,551,616
Cadmium	" 2,772,984	8,984,467	3,009,447	8,366,263
Calcium	" 138,357	151,694	123,487	123,391
Cobalt	" 3,184,983	5,990,973	3,798,740	8,205,278
Columbium (Cb ₂ O ₅)	" 2,163,359	2,282,522	2,300,000	2,350,000
Copper	" 973,799,939	324,467,834	1,034,493,452	388,005,039
Gold	troy oz. 3,835,454	144,788,388	3,608,348	136,142,969
Indium	" ..	" ..	" ..	" ..
Iron ore	ton 38,325,822	404,951,696	39,790,103	422,193,058
Iron, remelt	" 429,383	18,700,185	368,000	16,596,380
Lead	lb. 407,433,858	54,759,110	573,621,676	88,911,360
Magnesium	" 18,706,020	5,587,909	22,265,647	6,697,506
Mercury	" 5,548	22,848	1,520	13,249
Molybdenum	" 1,224,712	2,057,383	3,970,220	7,034,250
Nickel	" 456,992,512	379,320,510	522,310,371	435,332,054
Platinum, group ...	troy oz. 376,238	25,404,117	452,063	35,678,078
Selenium	lb. 465,746	2,258,868	504,109	2,435,704
Silver	troy oz. 29,902,611	41,863,655	32,964,299	46,117,054
Tellurium	lb. 77,782	505,583	86,264	554,793
Thorium	" ..	" ..	" ..	" ..
Tin	lb. 352,350	533,572	409,106	810,030
Titanium ore	" -	" -	" -	" -
Tungsten (WO ₃)	" ..	" ..	" ..	" ..
Uranium (U ₃ O ₈)	lb. 14,570,307	83,509,429	8,615,000	64,300,000
Zinc	" 1,369,025,387	193,990,897	1,663,803,788	251,234,372
Total metallics .....	...	1,701,648,538	...	1,923,305,756
<u>Non-metallics</u>				
Arsenious oxide	lb. 323,900	16,195	300,000	15,000
Asbestos	ton 1,419,851	145,193,443	1,380,210	139,805,322
Barite	" 169,149	1,574,398	201,357	2,014,859
Diatomite	" 1,143	64,555	1,200	65,000
Feldspar	" 9,149	212,052	10,830	241,621
Fluorspar	" ..	2,258,796	" ..	2,546,419
Gen stones	lb. 11,537	13,804	11,000	14,000
Graphite	" -	" -	" -	" -
Grindstone	ton -	" -	9	1,800
Gypsum	" 6,360,685	15,523,937	6,210,960	11,438,353
Helium	" ..	" ..	" ..	" ..
Iron oxides	ton 1,033	79,250	235	22,325
Lithia	lb. 1,056,408	1,155,282	1,035,048	1,164,060
Magnesitic-dolomite and brucite	" ..	3,569,619	" ..	4,007,241
Mica	lb. 1,198,162	86,025	886,550	29,560
Nepheline syenite	ton 290,300	3,097,172	328,813	3,548,947

See footnotes at end of table.

TABLE 3. Mineral Production of Canada, by Kinds, 1964 and 1965 - Concluded

		1964		1965	
		Quantity	Value	Quantity	Value
			dollars		dollars
<u>Non-metallics - Concluded</u>					
Nitrogen .....	..	..	..	..	..
Peat Moss	ton	255,475	8,399,648	267,100	8,195,214
Potash, (K ₂ O)	"	858,351	31,161,954	1,430,000	54,400,000
Pozzolan	"	..	35,200	..	35,000
Pyrite, pyrrhotite	"	351,850	1,126,167	352,808	1,889,226
Quartz	"	2,117,273	4,506,038	2,381,555	4,943,639
Salt	"	3,988,598	20,203,742	4,331,100	21,364,734
Soapstone and talc(1) ...	"	58,132	827,757	55,034	802,010
Sodium sulphate	"	333,263	5,222,313	346,000	5,590,312
Sulphur, in smelter gas ..	"	443,448	4,261,912	513,122	5,035,120
Sulphur, elemental	"	1,788,165	18,477,120	1,907,723	23,481,947
Titanium dioxide, etc. ..	..	..	21,270,144	..	19,955,350
Total non-metallics ...	...	...	284,336,523	...	310,827,059
<u>Mineral fuels</u>					
Coal	ton	11,319,323	72,735,085	11,425,000	71,645,000
Natural gas	Mcf.	1,407,097,508	172,966,859	1,470,083,455	197,296,911
Nat. gas By-products	bbl.	..	78,689,000	..	92,547,454
Petroleum, crude	"	274,626,385	674,376,728	293,571,941	718,248,241
Total fuels .....	...	...	998,767,672	...	1,079,737,606
<u>Structural materials</u>					
Clay products (brick, tile, etc.) .....	...	...	40,830,585	...	43,205,829
Cement	ton	7,847,384	130,704,220	8,426,971	144,582,127
Lime	"	1,540,727	19,408,704	1,516,983	17,730,045
Sand and gravel	"	193,791,358	125,232,132	192,857,375	129,329,647
Stone	"	69,794,358	86,882,683	69,156,175	88,337,479
Total structural materials .....	...	...	403,058,324	...	423,185,127
Grand total .....	...	...	3,387,811,057	...	3,737,055,548

(1) Includes pyrophyllite.

.. Figures not available.

... Figures not appropriate or not applicable.

- Nil or zero.

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