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OTTAWA - CANADA

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PRELIMINARY REPORT ON THE MINERAL PRODUCTION OF CANADA IN 1940

Canada's mineral production was valued at \$529,179,434 in 1940. This was an increase of 11.5 per cent over 1939 and constituted a record. The year under review is the first in which the production of Canadian mines passed the half-billion dollar mark. Gains over 1939 were registered in all groups. Metals production at \$382,876,328 showed an increase of 11.5 per cent. Fuels, including coal, natural gas and crude petroleum were valued at \$78,643,991, a gain of 11 per cent. Non-metallic minerals other than fuels reached \$25,791,407--up 3 per cent, and structural materials advanced 18.4 per cent to \$41,867,708.

Gold production totalled 5,322,857 fine ounces worth \$204,929,995, an increase in value of 11.3 per cent. The price of gold remained constant throughout the year at \$38.50 per fine ounce compared with an average value in 1939 of \$36.14. Silver output at 23,815,715 fine ounces was valued at \$9,109,273, an increase of 2.8 per cent in quantity, whereas there was a decrease in value owing to a drop in the average yearly price.

The combined value of the base metals--nickel, copper, lead and zinc was \$155,839,877, an increase of 14.36 per cent. The value of the remaining metals aggregated \$12,997,183.

In the fuels group, coal production reached 17,551,326 short tons, an increase of 13 per cent. Natural gas at 35,954,000 M cubic feet, exceeded the previous year by 2.2 per cent and crude petroleum output totalled 8,717,345 barrels against 7,826,301 barrels in 1939.

Non-metals, exclusive of fuels, aggregated \$25,791,407, an increase of 3 per cent. Among the more important of those showing increases over the previous year, and for which data are released for publication, are gypsum, quartz, salt, silica brick and sodium sulphate.

In the structural materials group, clay products were valued at \$6,353,009 against \$5,151,236 in 1939. Cement gained 32 per cent to 7,559,648 barrels. Lime production reached 710,682 tons compared with 552,209 tons during the preceding twelve months. Stone output totalled 6,976,561 tons valued at \$6,956,318 against 5,443,522 tons worth \$6,455,696 in 1939, and sand and gravel output was approximately the same as in the preceding year.

Owing to wartime restrictions, the Annual Preliminary Report on the Mineral Production of Canada, usually issued at this time of year, has been condensed to its present form. No further details of production are being released for publication. Previous reports contained details of Canada's external trade in minerals and mineral products; this information is also being withheld.

PRELIMINARY SUMMARY OF THE MINERAL PRODUCTION OF CANADA, 1940  
WITH COMPARATIVE FIGURES FOR 1939

		1 9 3 9		1 9 4 0	
		Quantity	Value	Quantity	Value
			\$		\$
<u>METALLICS</u>					
Gold .....	fine oz.	5,094,379	184,115,951	5,322,857	204,929,995
Silver .....	fine oz.	23,163,629	9,378,490	23,815,715	9,109,273
Other precious metals .....	...	...	9,422,211	...	7,761,147
Copper, nickel, lead, zinc. ....	...	...	136,277,176	...	155,839,877
Antimony, bismuth, cadmium, chromite, cobalt, manganese, molybdenum, tungsten. ....	...	...	2,502,915	...	2,786,829
Miscellaneous--arsenic, iron ore, mercury, radium, selenium, tellurium, titanium ore and uranium..	...	...	1,809,380	...	2,449,207
TOTAL .....	...	...	343,506,123	...	382,876,328
<u>NON-METALLICS</u>					
<u>Fuels</u>					
Coal .....	tons	15,537,443	48,315,224	17,551,326	54,638,476
Natural gas .....	M cu.ft.	35,185,146	12,507,307	35,954,000	12,877,515
Peat .....	tons	445	2,445	...	...
Crude petroleum .....	bbls.	7,826,301	9,846,352	8,717,345	11,128,000
TOTAL .....	...	...	70,671,328	...	78,643,991
<u>Other Non-Metallics</u>					
Asbestos, fluorspar, graphite, magnesitic-dolomite, mica, sulphur .....	...	...	18,213,555	...	18,204,176
Barytes .....	tons	...	3,639	330	4,739
Diatomite .....	tons	301	10,388	248	7,947
Feldspar, nepheline syenite .....	...	...	252,457	...	298,687
Grindstones .....	tons	304	15,278	86	2,543
Gypsum .....	tons	1,421,934	1,935,127	1,448,788	2,065,933
Iron oxides .....	tons	6,015	88,418	9,973	111,875
Magnesium sulphate .....	tons	550	9,900	...	...
Mineral waters .....	Imp.gal.	123,769	19,105	140,663	20,892
Phosphate .....	tons	157	1,712	358	4,039
Quartz .....	tons	1,582,935	1,100,214	1,858,259	1,203,532
Salt .....	tons	424,500	2,486,632	464,714	2,823,269
Silica brick .....	M	2,493	124,807	3,437	182,786
Sodium carbonate .....	tons	300	2,400	220	1,760
Sodium sulphate .....	tons	71,485	628,151	94,260	629,589
Talc and soapstone .....	...	...	170,066	...	229,640
TOTAL .....	...	...	25,061,849	...	25,791,407
<u>CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS</u>					
Clay products (brick, tile, sewer pipe, etc.) .....	...	...	5,151,236	...	6,353,009
Cement .....	bbls.	5,731,264	8,511,211	7,559,648	11,775,345
Lime .....	tons	552,209	4,003,514	710,682	5,118,422
Sand and gravel .....	tons	31,294,341	11,241,102	30,750,961	11,664,614
Stone .....	tons	5,443,522	6,455,696	6,976,561	6,956,318
TOTAL .....	...	...	35,362,759	...	41,867,708
GRAND TOTAL .....	...	...	474,602,059	...	529,179,434

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