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DOMINION BUREAU OF STATISTICS, CANADA

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Mining, Metallurgical and Chemical Branch

Chief: S. J. Cook, B.A., A.I.C., F.C.M.C.

OFFICIAL ESTIMATE OF CANADA'S MINERAL PRODUCTION IN 1927.

Production of Gold, Copper, Lead, Zinc, Cement,  
Gypsum, and Lime Greater Than In Any  
Previous Year.

A new high record for mineral production in Canada was set in 1927, when the value of the output reached \$241,773,000, marking a gain of one and one-third million dollars over the previous year's record total of \$240,437,123, according to the official estimate compiled by Mr. S. J. Cook, Chief of the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa, and published in a preliminary report issued by the Bureau today.

New output records for all time were established in 1927 in gold, copper, lead, zinc, cement, gypsum and lime and in the value of natural gas and petroleum. Increased production, in comparison with the totals for 1926, was noted in the outputs of arsenic, cobalt, copper, gold, lead, nickel, platinum metals, zinc, coal, natural gas, petroleum, gypsum, pyrites, quartz, clay products, cement, lime, stone, sand and gravel.

At \$112,238,100 metals showed a loss in aggregate value in comparison with the total for 1926, due to the prevailing lower range of prices for copper, lead, zinc and silver. Increases in the outputs were not sufficient to offset the loss in values due to lower prices.

Gold production amounted to 1,825,421 fine ounces valued at \$37,731,080 as compared with the previous record value set in 1926, of \$36,263,110.

Canada's silver production at 22,210,936 fine ounces, showed a slight advance over the 22,371,924 fine ounces produced in 1926, but the value dropped to \$12,488,000 only as compared with \$13,894,531 in 1926.

Nickel production from the Sudbury district increased to 66,435,799 pounds valued at \$15,105,361 indicating satisfactory progress in this industry.

Copper, mostly from the treatment of the nickel-copper ores mined near Sudbury in Ontario and from the copper-gold ores of British Columbia and Quebec, reached an output of 140,223,717 pounds in 1927. British Columbia mines yielded 91,910,274 pounds; Ontario, 45,652,721 pounds; and Quebec, 2,660,722 pounds.

Lead output increased to a new record at 308,742,826 pounds worth \$16,456,877, and zinc also rose to 160,408,300 pounds thus exceeding the record set last year. Values in lead and zinc were restricted due to lower prices.

Fuels showed a general advance. Production values totalled \$70,660,900 for coal, gas and petroleum in 1927 as against \$68,743,933 in 1926.

Preliminary figures for 1927 showed the coal output from Canadian mines as 16,722,126 short tons valued at \$60,258,900, as against 16,478,131 tons worth \$59,875,094 in 1926.

Petroleum production at 495,000 barrels worth \$1,553,000, and natural gas, at 21,910,000 M. cu. ft. valued at \$8,319,000 set up new record values for all time, and showed improvement both in quantity and value over the totals for 1926.

Other non-metallic minerals including more than a score of different commodities, valued at \$16,874,000 in 1927, also reached a higher aggregate than in 1926. Among the more important members of this group, there may be mentioned asbestos, gypsum, salt, quartz, (and silica brick), feldspar, mica, talc and soapstone, magnesite, pyrites, and graphite.

At \$42,000,000, the clay products, bricks, tile, etc., and other structural materials, produced during the year attained a total value in excess of the figures for any previous year. In this field the gain in the output of cement was the most outstanding feature. Lime output advanced to a new high record reaching a value of \$3,970,000 in 1927. Stone, sand and gravel were produced in greater quantities to meet the steadily growing demand for materials of construction. Building permits issued in 63 cities of Canada during the first eleven months of 1927, to a value of \$112,175,268, showed an advance of about 20 per cent over the figures for the same period in the preceding year.

Looking backward over the year just closed, the student must be impressed with the magnificent progress made by the mining industry of the Dominion. Never before has the outlook for the future appeared brighter. In the light of the advances made during the past two years, and considering particularly the extent to which preparatory work was done in so many fields during the past twelve months, he would be a pessimist, indeed, who could not see a brilliant future immediately ahead in Canada's mining industry.



Official Estimate of the  
MINERAL PRODUCTION OF CANADA, 1927.  
with Comparative Figures for 1926.

	1 9 2 6		1 9 2 7	
	Quantity	Value	Quantity	Value
		\$		\$
<u>METALLICS</u>				
Gold..... fine oz.	1,754,228	36,263,110	1,825,241	37,731,080
Silver..... fine oz.	22,371,924	13,894,531	22,210,936	12,488,000
Nickel..... lb.	65,714,294	14,374,163	66,435,799	15,105,361
Copper..... lb.	133,094,942	17,490,300	140,223,717	17,326,807
Lead..... lb.	283,801,265	19,240,661	308,742,826	16,456,877
Zinc..... lb.	149,938,105	11,110,413	160,108,800	9,985,900
Salt and platinum metals	-	2,699,799	-	2,979,324
Other metals..... -	-	164,604	-	164,751
TOTAL.....	-	115,237,581	-	112,218,100
<u>NON-METALLICS</u>				
<u>Fuels</u>				
Coal..... tons	16,478,131	59,875,094	16,722,126	60,258,900
Natural gas..... M cu.ft.	19,208,209	7,557,174	21,910,000	8,819,000
Petroleum, crude.... barrels	364,444	1,311,665	495,000	1,583,000
Total.....	-	68,743,933	-	70,660,900
<u>Other Non-Metallics</u>				
Asbestos..... tons	279,403	10,099,423	272,923	10,425,539
Feldspar..... tons	35,951	310,238	31,000	271,000
Gypsum..... tons	883,728	2,770,813	890,000	2,850,000
Mica..... tons	2,545	229,204	3,000	250,000
Quartz..... tons	232,082	553,161	250,000	490,000
Salt..... tons	262,547	1,480,149	256,000	1,500,000
Talc and soapstone.. tons	15,767	217,195	15,000	218,000
Other non-metallics: -	-	836,028	-	869,461
Total..... -	-	16,495,211	-	16,874,000
TOTAL..... -	-	85,240,144	-	87,534,900
<u>CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS</u>				
Clay Products (bricks, tiles, sewer pipe, pottery, etc.)	-	10,357,323	-	10,450,000
Cement..... barrels	8,707,021	13,013,283	9,976,005	14,658,000
Lime..... bushels	11,825,736	3,781,484	-	3,970,000
Stone, sand and gravel, etc..... -	-	12,807,308	-	12,922,000
TOTAL..... -	-	39,959,398	-	42,000,000
GRAND TOTAL..... -	-	240,437,123	-	241,773,000



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