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DOMINION BUREAU OF STATISTICS - CANADA
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x:x

COBALT, 1928.

Canada's cobalt production in 1928 amounted to 956,590 pounds valued at \$1,672,320 as against 880,590 pounds valued at \$1,764,534 in 1927, according to a bulletin giving finally revised data just issued by the mining, metallurgical and chemical branch of the Dominion Bureau of Statistics at Ottawa.

Production included the cobalt content of the various cobalt products sold by the Deloro Smelting and Refining Company, Limited, which company treats the greater portion of the silver-cobalt ores of Ontario, and the cobalt content of ores and residues exported for treatment in foreign smelters; the value reported is the net amount received by the shippers.

In addition to the exports from Ontario a small shipment of ore containing gold, arsenic and cobalt was made in 1928 from British Columbia to Australia.

Canada produces about one-half of the world's supply of cobalt; the remainder is produced by the Union Miniere du Haut Katanga in the Belgian Congo where cobalt occurs in association with copper.

Cobalt is used in the form of oxide as a pigment in the manufacture of earthenware, porcelain and enamelware; the addition of cobalt oxide produces the well-known "cobalt blue" colour. It is also used in the manufacture of driers for the paint and varnish industry.

Cobalt metal is chiefly used in the manufacture of "stellite" a cobalt-chromium-tungsten alloy used in making cutting tools for high-speed lathe operations.

Production in Canada and Exports of Cobalt, 1927 and 1928.

	1927		1928	
	Pounds	\$	Pounds	\$
<u>PRODUCTION</u> (in terms of metallic cobalt contained in metal oxides and salts sold and in ores and residues exported).....	880,590	1,764,534	956,590	1,672,320
<u>EXPORTS:</u> cobalt alloys, metallic cobalt, cobalt oxides, cobalt salts and cobalt ore.....	...	1,678,468	...	1,734,461

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