

Dominion Bureau of Statistics, Canada

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REVISED STATISTICS

on the

MINERAL PRODUCTION OF CANADA, 1922.

No. 1 - COBALT

Date of issue July 16, 1923.

The Dominion Bureau of Statistics issues the following finally revised statistics on the production of cobalt in Canada during 1922.

The major portion of the world's supply of cobalt for almost two decades has been derived from the silver-cobalt-nickel arsenides of the Cobalt district.

During 1922, three smelters in Ontario treating ores and residues from this district marketed cobalt oxide, metallic cobalt, cobalt sulphate, cobalt carbonate, cobalt hydroxide, unseparated oxide and stellite (an alloy of cobalt used for high speed tool metal). The cobalt residues from the cyanide process were mainly treated in Canada during 1922 although some of these as well as smelter residues amounting in all to 518 tons containing 173,211 lb. of cobalt were shipped abroad for treatment.

The cobalt production of Canada in 1922 was 569,960 lbs. which at \$3.25 per pound would be worth \$1,852,370. These figures were obtained as the total of the metal cobalt contained in smelter products made in 1922 and cobalt in residues exported for treatment, valued at \$3.25 which was the average New York quotation for cobalt during the year.

SUMMARY OF COBALT PRODUCTION STATISTICS, 1922.

Cobalt ores and residues treated or in process 3,719 tons.

Metallic cobalt content of the above (by assay) 536,400 lbs.

	Output of Smelters		Marketed	
	Total	Cobalt Contained	Quantity	Value as reported by smelters
	lb.	lb.	lb.	\$
Metallic cobalt.....	106,274	106,274	109,067	282,602
Cobalt oxide.....	360,495	252,347	398,697	798,271
Mixed oxide.....	86,730	39,023	123,605	99,687
Residues exported.....	A	172,311	1,036,000	156,402B
TOTAL.....	Quantity	569,960	...	1,336,962
	Computed value...	1,852,370		

A - Not given; B - Estimated

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