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DOMINION BUREAU OF STATISTICS - CANADA
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## MISCELLANEOUS METALS, 1928.

Finally revised statistics on the production of antimony, bismuth, cadmium, chromite, manganese, iron ore, mercury, molybdenum, tin and tungsten in Canada during 1928 as reported by the mining, metallurgical and chemical branch of the Dominion Bureau of Statistics at Ottawa are as follows:-

ANTIMONY. - Antimony ore occurs in the provinces of Nova Scotia, New Brunswick and British Columbia, and in the Yukon Territory. It also occurs in the ores treated by the Consolidated Mining and Smelting Company at Trail, B.C. and this company obtains it in an impure form as a by-product in silver refining but up to the present has not undertaken the purification of this product.

Imports into Canada of antimony in 1928 amounted to 1,529,823 pounds valued at \$140,958, and antimony salts, 23,024 pounds valued at \$5,326.

BISMUTH. Bismuth occurs in small quantities with ores of the Cobalt district. Some bismuth was recovered as metal in 1928 and some contained in silver-lead-bismuth bullion, was exported for treatment in United States smelters. During 1928 production of metallic bismuth and bismuth contained in exports amounted to 14,002 pounds valued at \$5,067.

CADMIUM. - Cadmium was produced for the first time in 1928 at the Trail refinery of the Consolidated Mining and Smelting Company, Limited, as a by-product of the silver-lead-zinc ores treated there. The output of this metal during the year was valued at \$341,374.

CHROMITE.- Chromite occurs in British Columbia and in Quebec. There has been no production in Canada since 1923.

MANGANESE. - Manganese occurs in the provinces of Nova Scotia, New Brunswick and British Columbia. In 1928 a small amount of bog manganese was shipped from New Brunswick for use as a colouring agent in the manufacture of brick.

IRON ORE. Iron ore production amounted to 2,244 tons of titanium iron ore valued at \$6,732 which was exported from the province of Quebec to the United States.

Shipments of iron ore from the Wabana mines in Newfoundland while not included in the mineral production of Canada are of interest because of the tonnage shipped to Nova Scotia. During 1928 shipments from Wabana mines totalled 1.733,642 tons valued at \$4,178,077. Of this amount 690,316 tons valued at \$1,663,662 were shipped to Canada; 41,493 tons worth \$99,998 were exported to the United States; 30,846 tons valued at \$74.339 were shipped to Great Britain; and 970,987 tons worth \$2,340,079 were exported to Germany.

MERCURY. Some interest was shown during 1927 in a cinnabar prospect near Barkley Sound, Vancouver Island, though no work was done on it during 1928. There is little or no mercury produced within the British Empire, the main world supply coming from Spain and Italy.

MOLYBDENUM. There was no production of molybdenum in 1928 but considerable development work was carried on at a molybdenite property about 25 miles south of Amos in the province of Quebec. A mill has been built and it is expected production will be commenced in 1929.

TIN.- Small amounts of tin are contained in the ore of the Sullivan mine of British Columbia, but up to the present time it has not been recovered commercially.

TUNGSTEN. - Development work was carried on during 1928 at the Indian Path tungsten mine, Indian Path, Lunenburg county, Nova Scotia, and a few tons of ore were produced for treatment and analysis.



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