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SILVER, LEAD AND ZINC PRODUCTION

FEBRUARY - 1950

Silver - Output in Canada of primary silver in all forms amounted to 1,385,422 fine ounces in February, 1950 compared with 1,195,677 fine ounces in the previous month and with 968,883 fine ounces in February, 1949.

Table 1 - Production of Primary (\*) Silver, 1948-1950

Month	1948	1949	1950
	(fine ounces)		
January .....	1,059,502	975,991	1,195,677(x)
February .....	1,145,020	968,883	1,385,422
Total - Two Months ..	2,204,522	1,944,874	2,581,099
March .....	1,215,564	1,298,189	
April .....	1,204,934	1,245,708	
May .....	1,186,090	1,498,990	
June .....	1,320,440	2,197,674	
July .....	1,970,853	1,735,403	
August .....	1,673,115	1,195,804	
September .....	1,360,157	1,144,165	
October .....	1,527,350	1,894,229	
November .....	1,235,792	1,503,658	
December .....	1,206,165	1,718,500	
Total .....	16,109,982	17,377,194	

(\*) New silver bullion plus recoverable silver in other smelter products and in ores and concentrates exported.

(x) Revised.

Table 2 - Exports of Refined Silver and Silver in Ores, 1949 and 1950

Month	1949		1950	
	Refined	In ores and concentrates	Refined	In ores and concentrates
	(Fine ounces)			
January .....	324,068	136,767	517,300	240,928
February .....	473,137	112,328	123,915	101,113
Total - Two Months ..	797,205	249,095	641,215	342,041
March .....	952,852	122,168		
April .....	516,413	139,022		
May .....	434,860	462,887		
June .....	625,825	107,466		
July .....	350,836	130,589		
August .....	256,719	587,834		
September .....	248,047	1,140,395		
October .....	307,092	52,553		
November .....	974,820	405,155		
December .....	747,243	657,450		
Total .....	6,211,912	4,054,614		



Lead - Production of primary lead in all forms and the recoverable lead content of Canadian ores during February, 1950 amounted to 10,964 tons compared with 9,558 tons in the previous month and with 10,627 tons in February, 1949.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 9,785 tons in February compared with 11,306 tons in the corresponding month of last year.

Table 3 - Production of Lead, 1949 and 1950

Month	Recoverable lead (*)		Refined lead	
	Canadian ores		all sources	
	1949	1950	1949	1950
	(Tons)			
January .....	10,796	9,558	10,189	12,520
February .....	10,627	10,964	11,306	9,785
Total - Two Months ..	21,423	20,522	21,495	22,305
March .....	9,820		10,110	
April .....	11,273		10,372	
May .....	17,940		12,836	
June .....	14,223		12,996	
July .....	11,055		7,022	
August .....	12,718		14,816	
September .....	12,817		14,580	
October .....	13,338		14,335	
November .....	13,529		14,208	
December .....	22,355		13,379	
Total .....	160,491		146,149	

(\*) New base bullion from Canadian ores plus recoverable lead in ores or concentrates shipped for export. Shipments of accumulated lead concentrates in December, 1949 account for high tonnage.

Table 4 - Exports of Refined Lead and Lead in Ores, by Months, 1950

Month	Lead in ore		Lead in pigs	
	Tons		Tons	
		\$		\$
January .....	631	154,615	4,588	1,155,609
February .....	287	77,778	7,241	1,834,839
Total - Two Months ..	918	232,393	11,829	2,990,448

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores), during February, 1950 amounted to 22,381 tons compared with 24,028 tons in the previous month and with 20,013 tons in February, 1949.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 15,065 tons in February compared with 15,965 tons in the corresponding month of last year.





Table 5 - Production of Zinc, 1949 and 1950

Month	Recoverable zinc (*)		Refined zinc	
	Canadian ores		all sources	
	1949	1950	1949(x)	1950
	(Tons)			
January .....	21,948	24,028	18,176	16,567
February .....	20,013	22,381	15,965	15,065
Total - Two Months ..	41,961	46,409	34,141	31,632
March .....	23,520		18,737	
April .....	17,295		17,161	
May .....	24,840		18,292	
June .....	27,493		17,613	
July .....	28,584		16,640	
August .....	25,954		17,401	
September .....	22,897		16,149	
October .....	25,831		16,293	
November .....	24,935		16,144	
December .....	27,381		17,474	
Total .....	290,691		206,045	

(\*) New refined zinc from Canadian ores plus recoverable zinc in ores and concentrates shipped for export.

(x) Revised.

Table 6 - Exports of Refined Zinc and Zinc in Ore, by Months, 1950

Month	Zinc in ore		Zinc spelter	
	Tons	\$	Tons	\$
January .....	5,032	632,088	7,725	1,662,120
February .....	4,999	624,553	13,573	3,002,833
Total - Two Months ..	10,031	1,256,641	21,298	4,664,953

Table 7 - Consumption of Refined Lead and Refined Zinc, 1949 and 1950

Month	Refined lead		Refined zinc	
	1949	1950	1949	1950
	(Tons of 2,000 pounds)			
January .....	5,393	3,070	4,036	4,312
February .....	5,057	3,377	4,475(x)	4,987
Total - Two Months ..	10,450	6,447	8,511	9,299
March .....	4,499		4,551	
April .....	2,794		3,039	
May .....	3,966		3,609	
June .....	4,327		3,486	
July .....	3,311		2,918	
August .....	5,557		3,646	
September .....	5,404		4,019	
October .....	4,864		3,726	
November .....	4,542		3,923	
December .....	3,282		4,241	
Total .....	52,996(x)		45,669(x)	

(x) Revised.

NOTE: This report was prepared in the Mining, Metallurgical and Chemical Section.

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