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SILVER, LEAD AND ZINC PRODUCTION

FEBRUARY - 1951

Silver - Output in Canada of primary silver in all forms amounted to 1,588,617 fine ounces in February, 1951, compared with 2,014,940 fine ounces in the previous month and with 1,385,422 fine ounces in February, 1950.

Table 1 - Production of Silver (*), 1949-1951

Month	1 9 4 9	1 9 5 0	1 9 5 1
		(fine ounces)	
January	990,835	1,195,677	2,014,940
February	983,619	1,385,422	1,588,617
Total - Two months ..	1,974,454	2,581,099	3,603,557
March	1,317,934	1,767,822	
April	1,264,655	1,453,993	
May	1,521,789	1,751,343	
June	2,231,099	1,968,455	
July	1,761,798	2,285,722	
August	1,213,992	2,282,318	
September	1,161,567	2,164,097	
October	1,923,039	2,398,490	
November	1,526,528	1,853,700	
December	1,744,638	1,879,417	
Total	17,641,493	22,386,456	

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

Table 2 - Exports of Refined Silver and Silver in Ores, 1950 and 1951

Month	1 9 5 0		1 9 5 1	
	Refined	In ores and concentrates	Refined	In ores and concentrates
		(fine ounces)		
January	517,300	240,928	1,124,723	273,038
February	123,915	101,113	1,174,994	141,259
Total - Two months ..	641,215	342,041	2,299,717	414,297
March	1,004,443	111,054		
April	401,557	116,914		
May	434,899	248,411		
June	1,062,792	526,379		
July	1,224,154	148,092		
August	661,691	344,558		
September	31,654	938,922		
October	286,499	243,090		
November	1,611,515	269,280		
December	994,764	205,366		
Total	8,355,183	3,494,107		

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

Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during February, 1951 amounted to 12,000 tons, compared with 16,099 tons in the previous month and with 10,964 tons in February, 1950.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 13,677 tons in February compared with 9,785 tons in the corresponding month of last year.

Table 3 - Production of Lead, 1950 and 1951

Month	Recoverable lead (*) in Canadian ores		Refined lead, all sources	
	1950	1951	1950	1951
	(tons)			
January	9,558	16,099	12,520	15,133
February	10,964	12,000	9,785	13,677
Total - Two months ..	20,522	28,099	22,305	28,810
March	13,080		13,689	
April	10,554		13,246	
May	13,571		14,331	
June	14,568		14,893	
July	16,844		6,618	
August	14,476		16,169	
September	15,390		16,146	
October	18,672		17,356	
November	17,349		17,419	
December	11,740		18,192	
Total	166,766		170,364	

(*) New base bullion from Canadian ores plus recoverable lead in ores or concentrates shipped for export.

Table 4 - Exports of Refined Lead and Lead in Ores, by Months, 1951

Month	Lead in ore		Lead in pigs	
	Tons	\$	Tons	\$
January	1,773	489,132	10,081	3,411,859
February	424	126,034	6,527	2,218,744
Total - Two months ..	2,197	615,166	16,608	5,630,603

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores), during February, 1951 amounted to 25,219 tons, compared with 25,708 tons in the previous month and with 22,381 tons in February, 1950.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 16,710 tons in February, compared with 15,065 tons in the corresponding month of last year.

Table 5 - Production of Zinc, 1950 and 1951

Month	Recoverable zinc (*) in Canadian ores		Refined zinc, all sources	
	1950	1951	1950	1951
	(tons)			
January	24,028	25,708	16,567	18,244
February	22,381	25,219	15,065	16,710
Total - Two months ..	46,409	50,927	31,632	34,954
March	25,021		16,659	
April	23,610		16,896	
May	30,694		17,561	
June	26,670		17,071	
July	25,920		17,499	
August	25,814		17,486	
September	29,072		17,138	
October	26,594		17,434	
November	25,880		17,377	
December	27,123		18,206	
Total	312,807		204,959	

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

Table 6 - Exports of Refined Zinc and Zinc in Ore, by Months, 1951

Month	Zinc in ore		Zinc in spelter	
	Tons	\$	Tons	\$
January	14,989	2,523,559	13,277	4,682,518
February	5,985	767,150	4,602	1,629,243
Total - Two months ..	20,974	3,290,709	17,879	6,311,761

Table 7 - Consumption of Refined Lead and Refined Zinc, 1950 and 1951

Month	Refined lead		Refined zinc	
	1950	1951	1950	1951
	(tons)			
January	3,070	5,080	4,312	5,186
February	3,430	5,096	4,987	5,017
Total - Two months ..	6,500	10,176	9,299	10,203
March	4,225		4,199	
April	3,851		3,645	
May	5,456		3,971	
June	5,060		3,730	
July	4,051		4,218	
August	5,820		4,157	
September	5,675		5,175	
October	5,972		5,755	
November	6,384		5,558	
December	4,320		4,663	
Total	57,314		54,370	

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