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B.S. MEMORANDUM

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SILVER, LEAD AND ZINC PRODUCTIONDECEMBER - 1951

Silver - Output in Canada of primary silver in all forms amounted to 1,967,946 fine ounces in December, 1951, compared with 1,977,446 fine ounces in the previous month and with 1,935,972 fine ounces in December, 1950.

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

Month	1 9 4 9	1 9 5 0	1 9 5 1
	(Fine ounces)		
January	990,835	1,246,954	2,014,940
February	983,619	1,446,720	1,588,617
March	1,317,934	1,848,367	(x) 1,754,662
April	1,264,655	1,528,373	(x) 1,467,913
May	1,521,789	1,831,087	1,854,319
June	2,231,099	2,055,615	2,404,612
July	1,761,798	2,351,147	1,793,690
August	1,213,992	2,314,948	2,006,137
September	1,161,567	2,207,141	1,895,507
October	1,923,039	2,495,308	(x) 1,983,126
November	1,526,528	1,959,799	1,977,446
December	1,744,638	1,935,972	1,967,946
Total	17,641,493	23,221,431	22,708,915

(x) 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, 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
March	1,004,443	111,054	1,988,018	154,447
April	401,557	116,914	783,711	180,153
May	434,899	248,411	1,304,024	169,894
June	1,062,792	526,379	1,215,635	161,352
July	1,224,154	148,092	1,301,435	216,961
August	661,691	344,558	1,592,387	184,560
September	31,654	938,922	1,295,522	242,576
October	286,499	243,090	731,131	157,668
November	1,611,515	269,280	1,576,475	132,848
December	994,764	205,366	1,293,221	398,532
Total	8,355,183	3,494,107	15,381,276	2,413,288

Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during December 1951 amounted to 15,562 tons, compared with 14,785 tons in the previous month and with 11,665 tons in December 1950.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 14,021 tons in December compared with 18,192 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	9,497	16,099	12,520	15,133
February	10,893	12,001(x)	9,785	13,677
March	12,996	12,632	13,689	14,938
April	10,487	10,063	13,246	14,152
May	13,484	11,126	14,331	14,429
June	14,474	13,811	14,893	14,101
July	16,736	11,017	6,618	6,454
August	14,383	13,797	16,169	14,844
September	15,292	11,899	16,146	14,016
October	18,552	15,052	17,356	13,544
November	17,238	14,785	17,419	13,403
December	11,665	15,562	18,192	14,021
Total	165,697	157,844	170,364	162,712

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

(x) Revised.

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
March	410	118,386	10,873	3,628,297
April	421	122,862	8,537	2,912,386
May	230	60,654	14,813	5,091,999
June	387	113,404	5,756	2,056,986
July	3,472	1,175,085	5,795	2,211,657
August	3,313	1,119,044	4,894	1,947,264
September	3,458	1,295,084	6,944	2,557,538
October	370	108,010	8,660	3,317,022
November	404	118,563	12,929	4,962,227
December	4,986	1,919,705	9,927	3,807,433
Total	19,648	6,765,963	105,736	38,123,412

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores) during December 1951 amounted to 29,167 tons, compared with 28,842 tons in the previous month and with 27,159 tons in December 1950.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 20,271 tons in December, 1951, compared with 18,206 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	24,060	25,708	16,567	18,244
February	22,411	25,219	15,065	16,710
March	25,055	25,997	16,659	18,138
April	23,642	25,619	16,896	17,484
May	30,735	25,857	17,561	18,116
June	26,706	27,084	17,071	18,222
July	25,954	27,713	17,499	18,232
August	25,849	30,158(x)	17,486	18,352
September	29,111	28,113(x)	17,138	17,956
October	26,630	28,891(x)	17,434	18,786
November	25,915	28,842(x)	17,377	18,683
December	27,159	29,167	18,206	20,271
Total	313,227	328,368	204,959	219,194

(★) 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, 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
March	7,205	885,279	12,185	4,344,931
April	7,730	943,260	11,014	3,876,594
May	8,537	1,004,184	13,776	5,021,467
June	13,319	2,085,198	14,337	5,317,042
July	22,634	4,072,978	13,597	5,301,460
August	13,642	2,293,650	11,669	4,417,507
September	(x) 18,634	3,496,457	10,435	3,902,336
October	11,741	1,971,524	16,370	6,748,196
November	19,428	4,736,659	12,371	5,008,605
December	10,748	2,373,197	12,500	5,173,870
Total	154,592	27,153,095	146,133	55,423,769

(x) Revised.

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
March	4,225	5,083	4,199	5,320
April	3,851	6,080	3,645	5,650
May	5,456	5,396	3,971	6,063
June	5,060	5,057	3,730	5,218
July	4,051	3,434	4,218	4,803
August	5,820	5,272	4,157	5,049
September	5,675	5,009	5,175	5,041
October	5,972	5,573	5,755	5,429
November	6,384	5,665	5,558	4,893
December	4,320	3,822	4,663	3,700
Total	57,314	60,567	54,370	61,369

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