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SILVER, LEAD AND ZINC PRODUCTION

Price 15 cents

JULY - 1950

Silver - Output in Canada of primary silver in all forms amounted to 2,297,142 fine ounces in July, 1950 compared with 1,968,455 fine ounces in the previous month and with 1,735,403 fine ounces in July, 1949.

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

| Month | 1 9 4 8 | 1 9 4 9(x) (fine ounces) | 1 9 5 0 |
|----------------------------|------------|-----------------------------|------------|
| January | 1,059,502 | 990,835 | 1,195,677 |
| February | 1,145,020 | 983,619 | 1,385,422 |
| March | 1,215,564 | 1,317,934 | 1,767,822 |
| April | 1,204,934 | 1,264,655 | 1,453,993 |
| May | 1,186,090 | 1,521,789 | 1,751,343 |
| June | 1,320,440 | 2,231,099 | 1,968,455 |
| July | 1,970,853 | 1,761,798 | 2,297,142 |
| Total - Seven Months | 9,102,403 | 10,071,729 | 11,819,854 |
| August | 1,678,115 | 1,213,992 | |
| September | 1,360,157 | 1,161,567 | |
| October | 1,527,350 | 1,923,039 | |
| November | 1,235,792 | 1,526,528 | |
| December | 1,206,165 | 1,744,638 | |
| TOTAL | 16,109,982 | 17,641,493 | |

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

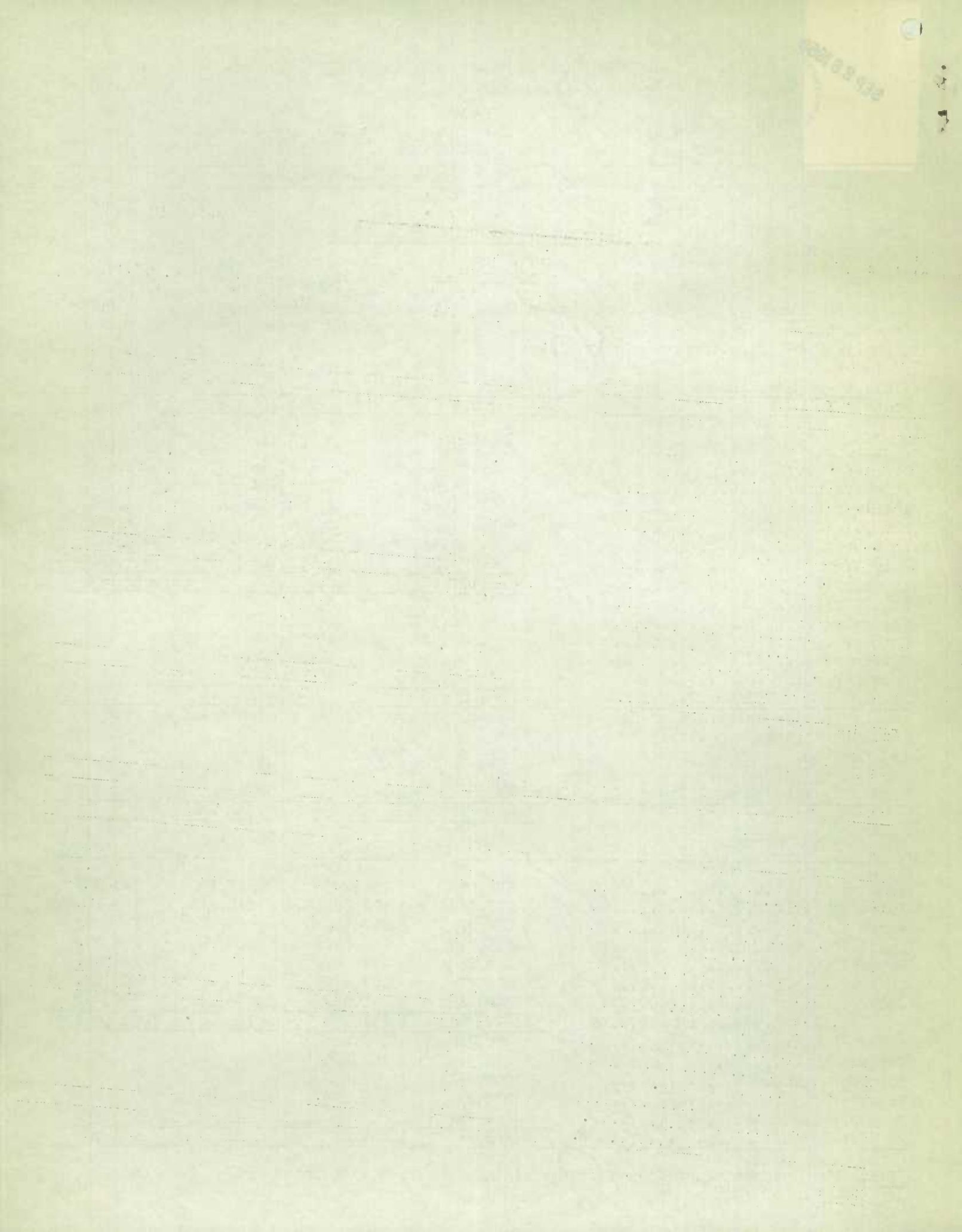
(x) Revised.

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

| Month | 1 9 4 9 | | 1 9 5 0 | |
|----------------------------|---------------|--------------------------|-----------|--------------------------|
| | Refined | In ores and concentrates | Refined | In ores and concentrates |
| | (Fine ounces) | | | |
| January | 324,068 | 136,767 | 517,300 | 240,928 |
| February | 473,137 | 122,328 | 123,915 | 101,113 |
| March | 952,852 | 112,168 | 1,004,443 | 111,054 |
| April | 516,413 | 139,022 | 401,557 | 116,914 |
| May | 434,860 | 462,887 | 434,899 | 248,411 |
| June | 625,825 | 107,466 | 1,062,792 | 526,379 |
| July | 350,836 | 130,589 | 1,224,154 | 148,092 |
| Total - Seven Months | 3,677,991 | 1,211,227 | 4,769,060 | 1,492,891 |
| August | 256,719 | 587,854 | | |
| 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 | | |

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

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Lead - Production of primary lead in all forms (the recoverable lead content of Canadian ores) during July, 1950 amounted to 16,844 tons compared with 14,568 tons in the previous month and with 11,055 tons in July, 1949.

Output of refined lead, including amounts recovered from foreign ores which were treated in Canadian smelters, totalled 6,618 tons in July compared with 7,022 tons in the corresponding month of last year.

Table 3 - Production of Lead, 1949 and 1950

| Month | Recoverable lead (*) in Canadian ores | | Refined lead, all sources | |
|----------------------------|------------------------------------------|-----------|------------------------------|--------|
| | 1949(x) | 1950 | 1949 | 1950 |
| | (tons) | | | |
| January | 10,748 | 9,558 | 10,189 | 12,520 |
| February | 10,579 | 10,964 | 11,306 | 9,785 |
| March | 9,776 | 13,080 | 10,110 | 13,689 |
| April | 11,223 | 10,554 | 10,372 | 13,246 |
| May | 17,861 | 13,571 | 12,836 | 14,331 |
| June | 14,160 | 14,568(x) | 12,996 | 14,893 |
| July | 11,005 | 16,844 | 7,022 | 6,618 |
| Total - Seven Months | 85,352 | 89,139 | 74,831 | 85,082 |
| August | 12,661 | | 14,816 | |
| September | 12,760 | | 14,580 | |
| October | 13,278 | | 14,335 | |
| November | 13,469 | | 14,208 | |
| December | 22,255 | | 13,379 | |
| TOTAL | 159,775 | | 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.

(x) Revised.

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 |
| March | 211 | 62,160 | 5,612 | 1,423,455 |
| April | 189 | 55,216 | 4,861 | 1,175,385 |
| May | 215 | 65,140 | 10,826 | 2,697,038 |
| June | 5,781 | 1,396,260 | 8,925 | 2,282,733 |
| July | 253 | 58,039 | 5,956 | 1,426,968 |
| Total - Seven Months | 7,567 | 1,869,208 | 48,009 | 11,996,027 |

Zinc - Production of primary zinc in all forms (the recoverable zinc content of Canadian ores), during July, 1950 amounted to 25,920 tons compared with 26,670 tons in the previous month and with 28,584 tons in July, 1949.

Output of refined zinc, including amounts recovered from foreign ores treated in Canadian smelters, totalled 17,499 tons in July compared with 16,640 tons in the corresponding month of last year.

Silver-Lead-Zinc

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Table 5 - Production of Zinc, 1949 and 1950

| Month | Recoverable zinc (*) in Canadian ores | | Refined zinc, all sources | |
|----------------------------|------------------------------------------|---------|------------------------------|---------|
| | 1949(x) | 1950 | 1949 | 1950 |
| | (tons) | | | |
| January | 21,764 | 24,028 | 18,176 | 16,567 |
| February | 19,846 | 22,381 | 15,965 | 15,065 |
| March | 23,324 | 25,021 | 18,737 | 16,659 |
| April | 17,151 | 23,388 | 17,161 | 16,674 |
| May | 24,632 | 30,694 | 18,292 | 17,561 |
| June | 27,263 | 26,670 | 17,613 | 17,071 |
| July | 28,345 | 25,920 | 16,640 | 17,499 |
| Total - Seven Months | 162,325 | 178,102 | 122,584 | 117,096 |
| August | 25,737 | | 17,401 | |
| September | 22,706 | | 16,149 | |
| October | 25,615 | | 16,293 | |
| November | 24,727 | | 16,144 | |
| December | 27,152 | | 17,474 | |
| TOTAL | 288,262 | | 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 |
| March | 6,727 | 871,166 | 12,612 | 2,775,229 |
| April | 6,763 | 742,449 | 10,313 | 2,305,601 |
| May | 6,199 | 579,077 | 15,203 | 3,477,843 |
| June | 19,129 | 2,134,490 | 14,919 | 3,844,492 |
| July | 18,071 | 2,628,244 | 11,292 | 3,183,831 |
| Total - Seven Months | 66,920 | 8,212,067 | 85,637 | 20,251,949 |

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 | 4,987 |
| March | 4,499 | 4,171 | 4,551 | 4,199 |
| April | 2,794 | 3,802 | 3,039 | 3,645 |
| May | 3,966 | 5,232 | 3,609 | 3,971 |
| June | 4,327 | 4,704 | 3,486 | 3,730 |
| July | 3,311 | (x) | 2,918 | (x) |
| Total - Seven Months | 29,347 | (x) | 26,114 | (x) |
| 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 | | 45,669 | |

(x) Not yet available.

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