

SECTION M

MINING

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- M- 1. **Quantities and Values of Minerals Produced, Newfoundland and Labrador, By Type, 1949 to 1968**
Source: D.B.S. **Canada Year Book, 1952-53**, pp. 512 to 514; **1959**, p. 531, (table 10); **1967**, pp. 551 to 553; D.B.S. **General Review of the Mining Industry, 26-201, 1953 to 1963**, p. A-12, (table 6); D.B.S. **Preliminary Report of Mineral Production, 26-203, 1966**, pp. 13, 14, 21, 24, 30 and 43, (tables 5, 17, 20, 35 and 68); **1967**, pp. 12 and 14, (table 5); **1968**, pp. 8, 10, 12 and 14, (tables 4 and 5); Data for 1949 supplied by D.B.S., Manufacturing and Primary Industries Division, Energy and Minerals Section.
- M- 2. **Value of Mineral Production, Newfoundland and Labrador, By Main Groups, 1949 to 1968**
Source: D.B.S. **Canada Year Book, 1952-53**, pp. 512 to 514; D.B.S. **General Review of the Mineral Industries, 26-201, 1953 to 1955**, p. A-12; **1957**, pp. A-6 to A-8 and A-12; **1958 to 1963**, pp. A-6 to A-8, (table 2); D.B.S. **Preliminary Report of Mineral Production, 26-203, 1965 to 1967**, (table 5); **1968**, (tables 4 and 5); Data for 1949 supplied by D.B.S., Manufacturing and Primary Industries Division, Energy and Minerals Section.
- M- 3. **Principal Statistics of the Mineral Industry, Newfoundland and Labrador, 1949 to 1968**
Source: D.B.S. **General Review of the Mineral Industries, 26-201, 1953**, p. A-24, (table 21); **1957**, p. A-26, (table 23); **1961**, p. A-26, (table 24); **1963**, p. A-11, (table 5), p. A-30, (table 24), pp. A-32 and 33, (tables 26 and 27); D.B.S. **Preliminary Report of Mineral Production, 26-203, 1964 to 1968**, (tables 4 and 5); Data for years 1961 to 1965 supplied by D.B.S., Manufacturing and Primary Industries Division, Energy and Minerals Section; Data for "Employees and Wages and Salaries" for 1966 to 1968 estimated by Department of Mines, Agriculture and Resources, Government of Newfoundland and Labrador.
- M- 4. **Annual Expenditures on Mineral Exploration and Mine Development, Newfoundland and Labrador, 1949 to 1968**
Source: Data supplied by Department of Mines, Agriculture and Resources, Government of Newfoundland and Labrador.
- M- 5. **Employees and Earnings, Mining Industry, Newfoundland and Labrador, By Mineral Classes, 1949 to 1965**
Source: D.B.S. **General Review of the Mining Industry, 26-201, 1953**, p. A-24, (table 21); **1955**, pp. A-26 and A-29, (tables 22 and 26); **1957**, p. A-29, (table 27); **1959**, pp. A-28 and A-31, (tables 25 and 28); **1961**, p. A-30, (table 29); **1962**, pp. A-34 and A-38, (tables 24 and 29); **1963**, pp. A-30 and A-34, (tables 24 and 29); **1964 and 1965**, p. A-36, (table 29).

TABLE M-1
QUANTITIES AND VALUES OF MINERALS PRODUCED,
NEWFOUNDLAND AND LABRADOR, BY TYPE, 1949 TO 1968

| Year | Copper | | Gold | | Iron Ore | | Lead | | Silver | | Zinc | | Fluorspar | |
|-------|---------------------|--------------------|----------------------|--------------------|---------------------|--------------------|---------------------|--------------------|----------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
| | Quantity (Tons*) | Value (Dollars) | Quantity (Ounces) | Value (Dollars) | Quantity (Tons*) | Value (Dollars) | Quantity (Tons*) | Value (Dollars) | Quantity (Ounces) | Value (Dollars) | Quantity (Tons*) | Value (Dollars) | Quantity (Tons*) | Value (Dollars) |
| 1949 | 3,617 | 1,444,837 | 9,268 | 333,684 | 1,657,888 | 7,947,914 | 18,608 | 5,880,191 | 585,026 | 434,382 | 31,909 | 8,454,091 | 58,077 | 1,405,033 |
| 1950 | 3,221 | 1,508,910 | 9,254 | 352,115 | 1,169,545 | 5,851,488 | 17,918 | 5,178,320 | 575,524 | 465,138 | 30,539 | 9,558,647 | 55,595 | 1,290,361 |
| 1951 | 2,899 | 1,606,233 | 8,515 | 313,778 | 1,724,991 | 9,145,960 | 16,444 | 6,051,427 | 534,519 | 505,388 | 28,469 | 11,330,799 | 67,925 | 1,966,477 |
| 1952 | 2,959 | 1,689,079 | 8,595 | 294,551 | 1,653,878 | 8,668,192 | 18,059 | 5,847,571 | 638,524 | 533,295 | 30,517 | 10,656,475 | 81,283 | 2,484,943 |
| 1953 | 2,814 | 1,684,862 | 7,654 | 263,451 | 2,686,481 | 14,201,842 | 17,702 | 4,576,214 | 648,389 | 544,712 | 28,002 | 6,698,029 | 87,693 | 2,631,698 |
| 1954 | 3,481 | 2,029,876 | 6,528 | 222,409 | 3,758,526 | 21,749,304 | 18,526 | 4,939,054 | 742,120 | 617,867 | 30,002 | 7,188,595 | 118,065 | 2,946,896 |
| 1955 | 3,052 | 2,250,672 | 6,337 | 218,753 | 7,206,883 | 45,701,801 | 17,855 | 5,135,085 | 701,792 | 618,840 | 28,636 | 7,817,635 | 127,384 | 2,678,641 |
| 1956 | 3,108 | 2,574,274 | 8,213 | 282,938 | 8,463,572 | 55,620,755 | 22,788 | 7,068,813 | 957,125 | 858,350 | 34,680 | 10,293,055 | 139,801 | 3,395,061 |
| 1957 | 4,535 | 2,625,986 | 9,755 | 327,280 | 8,174,779 | 57,898,102 | 24,512 | 6,843,665 | 1,196,414 | 1,045,307 | 35,698 | 8,631,847 | .. | 1,662,602 |
| 1958 | 14,751 | 7,499,372 | 13,381 | 454,686 | 5,390,775 | 38,226,828 | 23,980 | 5,448,339 | 1,267,078 | 1,099,950 | 33,870 | 7,370,102 | .. | 1,483,368 |
| 1959 | 14,989 | 8,876,570 | 13,411 | 450,207 | 6,105,819 | 42,974,837 | 22,457 | 4,765,328 | 1,125,110 | 987,622 | 31,674 | 7,753,838 | .. | 1,749,903 |
| 1960 | 13,863 | 8,398,362 | 13,515 | 458,834 | 7,611,365 | 54,673,717 | 24,022 | 5,131,091 | 1,271,126 | 1,130,158 | 34,208 | 9,133,517 | .. | 1,820,769 |
| 1961 | 15,752 | 9,195,817 | 14,429 | 511,652 | 7,611,340 | 59,889,125 | 21,968 | 4,485,938 | 1,145,105 | 1,079,376 | 34,638 | 8,722,020 | .. | 1,951,800 |
| 1962 | 17,308 | 10,731,154 | 13,966 | 522,468 | 7,986,910 | 67,753,153 | 25,330 | 5,025,529 | 1,181,648 | 1,376,620 | 32,541 | 7,874,869 | .. | 1,870,184 |
| 1963 | 14,012 | 8,827,797 | 12,318 | 465,004 | 9,683,004 | 99,601,987 | 23,392 | 5,146,264 | 981,005 | 1,357,711 | 34,485 | 8,814,473 | .. | 1,976,006 |
| 1964 | 13,615 | 9,095,013 | 16,717 | 631,067 | 12,763,575 | 137,038,680 | 25,415 | 6,831,452 | 1,089,748 | 1,525,647 | 38,982 | 11,047,407 | .. | 2,254,060 |
| 1965 | 14,823 | 11,147,108 | 23,657 | 892,555 | 14,500,495 | 156,888,970 | 21,916 | 6,793,882 | 1,086,978 | 1,521,769 | 36,187 | 10,928,579 | .. | 2,677,443 |
| 1966 | 19,394 | 17,415,394 | 25,667 | 967,903 | 16,546,189 | 188,603,259 | 21,754 | 6,500,156 | 1,097,425 | 1,535,298 | 34,160 | 10,316,464 | .. | 1,890,768 |
| 1967 | 21,965 | 20,897,555 | 27,258 | 1,028,989 | 16,981,567 | 207,408,843 | 19,940 | 5,583,296 | 1,073,153 | 1,858,701 | 34,851 | 10,099,901 | .. | 2,097,391 |
| 1968p | 21,860 | 21,029,782 | 22,757 | 858,166 | 20,917,979 | 262,501,000 | 22,359 | 6,045,784 | 1,110,000 | 2,572,980 | 35,751 | 10,081,682 | .. | 2,473,500 |

*Ton = 2000 lbs.

TABLE M-1 — (Continued)

| Year | Gypsum | | Pyrophyllite | | Clay Products | | Asbestos | | Cement | | Sand and Gravel | | Stone | |
|-------|----------|-----------|--------------|-----------|---------------|-----------|----------|------------|----------|-----------|-----------------|-----------|----------|-----------|
| | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value | Quantity | Value |
| | (Tons*) | (Dollars) | (Tons*) | (Dollars) | (Tons*) | (Dollars) | (Tons*) | (Dollars) | (Tons*) | (Dollars) | (Tons*) | (Dollars) | (Tons*) | (Dollars) |
| 1949 | — | — | — | — | .. | 25,450 | — | — | — | — | 1,416,202 | 999,598 | 392,263 | 635,975 |
| 1950 | — | — | — | — | .. | 31,089 | — | — | — | — | 1,619,389 | 780,315 | 469,651 | 787,228 |
| 1951 | — | — | — | — | .. | 32,183 | — | — | — | — | 1,483,951 | 648,346 | 466,440 | 792,319 |
| 1952 | 8,660 | 54,881 | — | — | .. | 29,285 | — | — | 22,068 | 529,750 | 1,654,471 | 936,013 | 475,704 | 768,326 |
| 1953 | 26,531 | 117,208 | — | — | .. | 39,500 | — | — | 69,271 | 1,345,073 | 1,908,187 | 1,023,622 | 391,633 | 647,469 |
| 1954 | 26,653 | 124,385 | 9 | 230 | .. | 33,042 | — | — | 70,615 | 1,330,018 | 2,105,522 | 1,096,883 | 359,350 | 619,474 |
| 1955 | 46,459 | 175,829 | 7 | 120 | .. | 49,338 | — | — | 81,905 | 1,492,990 | 3,142,226 | 1,660,984 | 333,982 | 595,655 |
| 1956 | 37,000 | 186,727 | 1,379 | 12,077 | .. | 47,145 | — | — | 83,902 | 1,660,300 | 2,490,580 | 1,686,320 | 327,943 | 604,094 |
| 1957 | 29,465 | 121,800 | 5,686 | 47,328 | .. | 29,500 | — | — | 58,277 | 1,185,078 | 2,796,273 | 1,681,394 | 348,373 | 582,374 |
| 1958 | 36,307 | 144,510 | 7,454 | 109,551 | .. | 58,282 | — | — | 50,992 | 1,079,071 | 4,062,985 | 1,484,160 | 282,439 | 536,535 |
| 1959 | 37,720 | 148,617 | 14,443 | 200,275 | .. | 68,000 | — | — | 71,253 | 1,291,516 | 4,825,724 | 2,306,864 | 352,231 | 583,419 |
| 1960 | 34,346 | 141,668 | 20,225 | 262,925 | .. | 83,435 | — | — | 93,160 | 1,688,664 | 3,912,533 | 3,069,395 | 380,843 | 644,588 |
| 1961 | 40,699 | 101,696 | 24,425 | 404,059 | .. | 75,890 | — | — | 86,549 | 1,789,980 | 3,383,724 | 2,777,393 | 322,820 | 633,963 |
| 1962 | 83,992 | 284,564 | 22,794 | 343,210 | .. | 142,000 | — | — | 96,916 | 1,985,524 | 4,250,942 | 3,504,594 | 227,707 | 445,091 |
| 1963 | 232,259 | 766,298 | 31,783 | 476,745 | .. | 92,120 | 20,390 | 3,320,064 | 92,460 | 1,848,347 | 4,640,993 | 4,276,626 | 382,260 | 827,465 |
| 1964 | 331,990 | 893,484 | 32,816 | 492,240 | .. | 99,038 | 51,315 | 6,355,578 | 90,453 | 1,833,743 | 4,657,737 | 3,501,694 | 285,357 | 553,553 |
| 1965 | 442,655 | 1,088,531 | 30,134 | 452,010 | .. | 72,717 | 65,626 | 8,825,182 | 93,777 | 1,987,220 | 4,258,678 | 3,785,071 | 174,985 | 496,590 |
| 1966 | 459,685 | 1,173,401 | 40,548 | 608,220 | .. | 172,700 | 57,097 | 9,301,204 | 63,541 | 1,632,982 | 3,599,421 | 3,584,261 | 153,000 | 318,000 |
| 1967 | 439,156 | 1,068,604 | .. | 443,640 | .. | 199,570 | 63,725 | 10,499,143 | 82,217 | 1,744,284 | 3,143,938 | 3,086,688 | 240,000 | 300,496 |
| 1968p | 454,955 | 1,091,392 | .. | 630,000 | .. | 144,885 | 69,000 | 11,900,000 | 95,000 | 1,411,985 | 2,633,889 | 2,260,819 | 456,854 | 661,854 |

TABLE M-2
VALUE OF MINERAL PRODUCTION, NEWFOUNDLAND AND LABRADOR, BY MAIN GROUPS, 1949 TO 1968

| <u>Year</u> | <u>Metallic Minerals</u> | <u>Non-Metallic Minerals</u> | <u>Structural Materials</u> | <u>Total</u> |
|-------------|------------------------------|----------------------------------|---------------------------------|--------------|
| | | | (Dollars) | |
| 1949 | 24,495,099 | 1,405,033 | 1,683,483 | 27,583,615 |
| 1950 | 22,914,618 | 1,290,361 | 1,619,068 | 25,824,047 |
| 1951 | 28,953,585 | 1,966,477 | 1,490,381 | 32,410,443 |
| 1952 | 27,689,163 | 2,539,824 | 2,283,326 | 32,512,313 |
| 1953 | 27,969,110 | 2,748,906 | 3,062,606 | 33,780,622 |
| 1954 | 36,747,105 | 3,071,511 | 3,079,417 | 42,898,033 |
| 1955 | 61,742,786 | 2,921,203 | 3,798,967 | 68,462,956 |
| 1956 | 76,698,185 | 3,652,962 | 3,997,859 | 84,349,006 |
| 1957 | 77,372,187 | 1,831,730 | 3,478,346 | 82,682,263 |
| 1958 | 60,099,277 | 1,737,429 | 3,158,048 | 64,994,754 |
| 1959 | 65,808,402 | 2,098,795 | 4,249,799 | 72,156,996 |
| 1960 | 78,925,679 | 2,225,362 | 5,486,082 | 86,637,123 |
| 1961 | 83,883,928 | 2,457,555 | 5,277,226 | 91,618,709 |
| 1962 | 93,283,793 | 2,497,958 | 6,077,209 | 101,858,960 |
| 1963 | 124,213,236 | 6,538,913 | 7,044,558 | 137,796,707 |
| 1964 | 166,169,266 | 9,995,362 | 5,988,028 | 182,152,656 |
| 1965 | 188,172,863 | 13,043,166 | 6,341,598 | 207,557,627 |
| 1966 | 225,338,474 | 12,973,669 | 5,707,943 | 244,020,086 |
| 1967 | 246,911,563 | 14,122,548 | 5,331,038 | 266,365,149 |
| 1968p | 303,089,394 | 16,094,892 | 4,479,543 | 323,663,829 |

TABLE M-3
PRINCIPAL STATISTICS OF THE MINERAL INDUSTRY, NEWFOUNDLAND AND LABRADOR, 1949 TO 1968

| <u>Year</u> | <u>Employees</u> | <u>Salaries and Wages</u> | <u>Gross Value of Production</u> | <u>Net Value Added By Processing¹</u> |
|--|--------------------|---------------------------|----------------------------------|--|
| | (Number) | (Dollars) | (Dollars) | (Dollars) |
| 1949 | 3,807 | 8,926,150 | 27,583,615 | 17,471,590 |
| 1950 | 3,558 | 7,763,217 | 25,824,047 | 20,162,905 |
| 1951 | 4,114 | 10,984,035 | 32,410,443 | 25,331,153 |
| 1952 | 4,585 | 13,835,288 | 32,512,313 | 20,900,527 |
| 1953 | 4,541 | 15,567,726 | 33,780,622 | 22,003,003 |
| 1954 | 4,239 | 14,453,655 | 42,898,033 | 27,904,242 |
| 1955 | 4,273 | 14,768,358 | 68,462,956 | 43,810,350 |
| 1956 | 5,032 | 19,058,143 | 84,349,006 | 52,661,275 |
| 1957 | 4,316 | 17,143,748 | 82,682,263 | 44,335,072 |
| 1958 | 4,024 | 16,848,281 | 64,994,754 | 35,241,070 |
| 1959 | 3,566 | 14,307,275 | 72,156,996 | 44,481,687 |
| 1960 | 4,001 | 19,023,157 | 86,637,123 | 49,053,221 |
| Basis: Revised Standard Industrial Classification and New Establishment Concept. ² | | | | |
| 1961 | 4,149 | 21,534,000 | 76,387,000 | 54,975,000 |
| 1962 | 4,072 | 21,979,000 | 80,222,000 | 56,165,000 |
| 1963 | 4,389 | 25,840,000 | 117,016,000 | 78,090,000 |
| 1964 | 4,826 | 29,659,000 | 147,362,000 | 99,364,000 |
| 1965 | 6,609 | 42,054,000 | 172,330,000 | 103,368,000 |
| 1966 | 6,500 ³ | 40,000,000 ³ | 244,020,086 | . . |
| 1967 | 5,100 ³ | 39,300,000 ³ | 266,365,149 | . . |
| 1968 | 5,800 ³ | 45,645,000 ³ | 323,663,829 | . . |

¹ Gross Value less cost of fuel, electricity, process supplies, containers, ores, freight and treatment charges.

² See "Section N" (Manufacturing) for explanations.

³ Estimates made by Department of Mines, Agriculture and Resources, Government of Newfoundland and Labrador.

TABLE M-4
ANNUAL EXPENDITURES ON MINERAL EXPLORATION AND MINE DEVELOPMENT,
NEWFOUNDLAND AND LABRADOR, 1949 TO 1968

| <u>Year</u> | <u>Total</u> | <u>Mineral Exploration</u> | | | <u>Mineral Investment</u> |
|-------------|--------------|----------------------------|-------------------|----------------|---------------------------|
| | | <u>Federal</u> | <u>Provincial</u> | <u>Private</u> | |
| | | | (Dollars) | | |
| 1949 | 5,581,938 | 51,000 | 49,000 | 736,029 | 4,745,909 |
| 1950 | 6,014,511 | 62,000 | 39,000 | 1,892,017 | 4,021,494 |
| 1951 | 22,664,672 | 121,000 | 213,000 | 1,512,392 | 20,818,280 |
| 1952 | 30,058,729 | 167,000 | 255,000 | 2,972,078 | 26,664,651 |
| 1953 | 51,040,514 | 275,000 | 190,000 | 1,500,642 | 49,074,872 |
| 1954 | 22,947,030 | 86,000 | 183,000 | 1,540,365 | 21,137,665 |
| 1955 | 18,863,761 | 63,000 | 135,000 | 3,285,249 | 15,380,512 |
| 1956 | 22,810,824 | 36,000 | 117,000 | 3,711,990 | 18,945,834 |
| 1957 | 17,041,107 | 86,000 | 156,000 | 5,363,127 | 11,435,980 |
| 1958 | 16,772,573 | 93,000 | 168,000 | 11,568,238 | 4,943,335 |
| 1959 | 43,169,457 | 65,000 | 133,000 | 15,665,459 | 27,305,998 |
| 1960 | 46,920,547 | 103,000 | 63,000 | 4,921,079 | 41,833,468 |
| 1961 | 63,420,900 | 116,000 | 81,000 | 4,036,770 | 59,187,130 |
| 1962 | 124,369,467 | 91,000 | 73,000 | 5,061,304 | 119,144,163 |
| 1963 | 76,888,531 | 120,000 | 87,000 | 1,815,626 | 74,865,905 |
| 1964 | 69,607,221 | 94,000 | 82,000 | 2,626,321 | 66,804,900 |
| 1965 | 24,644,069 | 158,500 | 160,000 | 3,075,805 | 21,249,764 |
| 1966 | 53,692,463 | 185,259 | 352,000 | 8,098,989 | 45,056,215 |
| 1967 | 52,316,353 | 210,472 | 278,000 | 8,004,458 | 43,823,423 |
| 1968 | 21,483,292 | 80,000 | 290,900 | 7,828,198 | 13,284,194 |

TABLE M-5
EMPLOYEES AND EARNINGS, MINING INDUSTRY, NEWFOUNDLAND AND LABRADOR,
BY MINERAL CLASSES, 1949 TO 1965

| Year | <u>Metallic Minerals</u> | | <u>Non-Metallic Minerals</u> | | <u>Structural Materials</u> | | <u>Total</u> | |
|------------|--------------------------|-----------------|------------------------------|-----------------|-----------------------------|-----------------|------------------|-----------------|
| | <u>Employees</u> | <u>Earnings</u> | <u>Employees</u> | <u>Earnings</u> | <u>Employees</u> | <u>Earnings</u> | <u>Employees</u> | <u>Earnings</u> |
| | (Number) | (Dollars) | (Number) | (Dollars) | (Number) | (Dollars) | (Number) | (Dollars) |
| 1949 | 2,951 | 7,194,779 | 279 | 562,379 | 277 | 1,168,992 | 3,507 | 8,926,150 |
| 1950 | 2,518 | 5,945,703 | 298 | 631,386 | 742 | 1,186,128 | 3,558 | 7,763,217 |
| 1951 | 3,040 | 8,627,632 | 377 | 1,003,575 | 697 | 1,352,828 | 4,114 | 10,984,035 |
| 1952 | 3,413 | 10,920,929 | 512 | 1,294,043 | 660 | 1,620,316 | 4,585 | 13,835,288 |
| 1953 | 3,296 | 12,111,918 | 498 | 1,421,012 | 747 | 2,034,796 | 4,541 | 15,567,726 |
| 1954 | 3,147 | 10,725,316 | 441 | 1,562,365 | 651 | 2,165,974 | 4,239 | 14,453,655 |
| 1955 | 3,095 | 10,750,186 | 512 | 1,605,473 | 666 | 2,412,697 | 4,273 | 14,768,356 |
| 1956 | 3,706 | 15,343,787 | 506 | 1,511,599 | 820 | 2,202,757 | 5,032 | 19,058,143 |
| 1957 | 3,836 | 15,529,357 | 360 | 1,196,338 | 498 | 1,748,913 | 4,694 | 18,474,608 |
| 1958 | 3,744 | 15,897,311 | 210 | 764,255 | 425 | 1,238,290 | 4,379 | 17,899,856 |
| 1959 | 3,217 | 13,057,630 | 229 | 846,731 | 418 | 1,467,415 | 3,864 | 15,371,776 |
| 1960 | 3,564 | 17,475,559 | 330 | 1,208,793 | 107 | 338,805 | 4,001 | 19,023,157 |
| 1961 | 3,847 | 19,302,756 | 347 | 1,334,588 | 99 | 330,647 | 4,293 | 20,967,991 |
| 1962 | 3,857 | 19,079,579 | 319 | 1,268,565 | 92 | 264,764 | 4,268 | 20,612,908 |
| 1963 | 4,377 | 26,030,172 | 453 | 2,090,940 | 93 | 286,499 | 4,923 | 28,407,611 |
| 1964 | 4,137 | 26,091,000 | X | X | X | X | 4,826 | 29,659,000 |
| 1965 | 5,879 | 38,094,000 | X | X | X | X | 6,609 | 42,054,000 |