

| | | |
|----------------------------------|-----------------------|------------------------------|
| MINFILE Number: 082FNE052 | Name: SULLIVAN | Status: Past Producer |
|----------------------------------|-----------------------|------------------------------|

| Production Year | Tonnes Mined | Tonnes Milled | Commodity | Grams Recovered | Kilograms Recovered |
|-----------------|--------------|---------------|-----------|-----------------|---------------------|
| 2001 | 1,320,000 | 1,320,000 | Zinc | | 72,576,000 |
| | | | Lead | | 31,752,000 |
| 2000 | 1,613,000 | 1,613,000 | Silver | 19,356,000 | |
| | | | Zinc | | 92,535,000 |
| | | | Lead | | 33,113,000 |
| 1999 | 1,730,300 | 1,730,300 | Silver | 27,684,800 | |
| | | | Zinc | | 92,080,000 |
| | | | Lead | | 36,700,000 |
| 1998 | 1,917,400 | 1,917,400 | Silver | 16,678,000 | |
| | | | Zinc | | 96,330,000 |
| | | | Lead | | 49,000,000 |
| 1997 | 1,580,572 | 1,580,572 | Silver | 18,775,000 | |
| | | | Zinc | | 101,023,428 |
| | | | Lead | | 43,955,864 |
| 1996 | 1,538,370 | 1,538,370 | Silver | 20,236,638 | |
| | | | Zinc | | 113,578,621 |
| | | | Lead | | 53,258,097 |
| | | | Cadmium | | 358,630 |
| | | | Antimony | | 37,388 |
| | | | Bismuth | | 9,412 |
| 1995 | 1,616,217 | 1,616,216 | Silver | 23,169,000 | |
| | | | Zinc | | 113,148,525 |
| | | | Lead | | 59,213,713 |
| | | | Antimony | | 376,312 |
| | | | Cadmium | | 351,637 |
| | | | Bismuth | | 12,468 |
| 1994 | 1,658,997 | 1,613,094 | Silver | 18,741,363 | |
| | | | Zinc | | 104,949,781 |
| | | | Lead | | 46,988,655 |
| 1993 | 1,364,300 | 1,364,000 | Silver | 21,457,106 | |
| | | | Zinc | | 91,819,044 |
| | | | Lead | | 41,833,673 |
| 1992 | 1,760,788 | 1,760,788 | Silver | 37,297,216 | |
| | | | Zinc | | 92,966,842 |
| | | | Lead | | 64,814,527 |
| 1991 | 1,688,254 | 1,688,254 | Silver | 54,944,462 | |
| | | | Zinc | | 101,493,000 |
| | | | Lead | | 78,378,000 |
| 1990 | 440,480 | 399,596 | Silver | 9,697,038 | |
| | | | Zinc | | 21,067,779 |
| | | | Lead | | 14,968,863 |

| Production Year | Tonnes Mined | Tonnes Milled | Commodity | Grams Recovered | Kilograms Recovered |
|-----------------|--------------|---------------|-----------|-----------------|---------------------|
| 1989 | 1,822,861 | 1,653,573 | Silver | 48,796,284 | |
| | | | Zinc | | 80,477,746 |
| | | | Lead | | 64,406,866 |
| 1988 | 2,038,144 | 2,038,163 | Silver | 95,243,201 | |
| | | | Lead | | 105,006,620 |
| | | | Zinc | | 102,488,460 |
| 1987 | 1,264,303 | 1,686,600 | Silver | 70,836,084 | |
| | | | Lead | | 68,549,627 |
| | | | Zinc | | 64,586,155 |
| 1986 | 1,275,590 | 1,859,100 | Silver | 81,753,684 | |
| | | | Lead | | 91,776,934 |
| | | | Zinc | | 88,044,392 |
| 1985 | 1,464,659 | 1,973,301 | Silver | 111,216,453 | |
| | | | Lead | | 114,049,293 |
| | | | Zinc | | 82,385,337 |
| | | | Tin | | 110 |
| 1984 | 2,472,236 | 2,472,236 | Silver | 102,983,487 | |
| | | | Lead | | 95,172,159 |
| | | | Zinc | | 91,670,301 |
| | | | Tin | | 169,356 |
| 1983 | 1,523,266 | 2,017,383 | Silver | 127,609,074 | |
| | | | Lead | | 111,437,071 |
| | | | Zinc | | 69,505,850 |
| | | | Tin | | 136,377 |
| 1982 | 2,195,384 | 2,446,247 | Silver | 95,864,617 | |
| | | | Lead | | 76,006,790 |
| | | | Zinc | | 63,634,613 |
| | | | Tin | | 119,975 |
| 1981 | 2,051,720 | 2,209,667 | Silver | 116,505,665 | |
| | | | Lead | | 86,733,470 |
| | | | Zinc | | 65,309,242 |
| | | | Tin | | 124,213 |
| 1980 | 3,474,563 | 2,132,416 | Silver | 86,394,417 | |
| | | | Lead | | 76,095,523 |
| | | | Zinc | | 51,804,218 |
| | | | Tin | | 113,056 |
| 1979 | 1,853,639 | 2,047,726 | Silver | 107,342,730 | |
| | | | Lead | | 92,146,668 |
| | | | Zinc | | 70,745,854 |
| 1978 | 2,058,304 | 2,107,869 | Silver | 114,039,181 | |
| | | | Lead | | 88,863,212 |
| | | | Zinc | | 64,417,720 |
| 1977 | 2,194,218 | 2,194,218 | Silver | 89,609,454 | |
| | | | Zinc | | 76,890,967 |
| | | | Lead | | 75,125,898 |
| 1976 | 2,124,886 | 2,124,886 | Silver | 84,586,817 | |
| | | | Zinc | | 77,435,404 |
| | | | Lead | | 77,065,578 |

| Production Year | Tonnes Mined | Tonnes Milled | Commodity | Grams Recovered | Kilograms Recovered |
|-----------------|--------------|---------------|-----------|-----------------|---------------------|
| 1975 | 2,002,916 | 2,002,916 | Silver | 73,570,507 | |
| | | | Gold | 5,132 | |
| | | | Zinc | | 75,418,513 |
| | | | Lead | | 68,047,946 |
| | | | Copper | | 437,533 |
| | | | Cadmium | | 34,701 |
| | | | Tin | | |
| 1974 | 1,285,011 | 1,285,010 | Silver | 56,221,689 | |
| | | | Gold | 2,861 | |
| | | | Zinc | | 56,285,076 |
| | | | Lead | | 51,260,206 |
| | | | Copper | | 164,018 |
| | | | Cadmium | | 157,032 |
| | | | Tin | | 143,815 |
| 1973 | 2,008,873 | 2,008,873 | Silver | 98,007,824 | |
| | | | Gold | 4,728 | |
| | | | Zinc | | 94,006,528 |
| | | | Lead | | 85,222,304 |
| | | | Copper | | 280,409 |
| | | | Cadmium | | 250,138 |
| | | | Tin | | 138,221 |
| 1972 | 1,746,411 | 1,746,411 | Silver | 98,483,233 | |
| | | | Gold | 5,070 | |
| | | | Lead | | 88,941,288 |
| | | | Zinc | | 84,910,506 |
| | | | Copper | | 269,160 |
| | | | Cadmium | | 226,605 |
| | | | Tin | | 159,230 |
| 1971 | 1,819,169 | 1,819,169 | Silver | 110,331,330 | |
| | | | Gold | 5,630 | |
| | | | Lead | | 97,004,757 |
| | | | Zinc | | 92,457,064 |
| | | | Copper | | 250,563 |
| | | | Cadmium | | 249,104 |
| | | | Tin | | 144,695 |
| 1970 | 1,923,701 | 1,923,701 | Silver | 89,811,281 | |
| | | | Gold | 5,008 | |
| | | | Lead | | 86,911,836 |
| | | | Zinc | | 75,499,602 |
| | | | Copper | | 237,137 |
| | | | Cadmium | | 203,507 |
| | | | Tin | | 119,619 |
| 1969 | 1,957,261 | 1,967,020 | Silver | 97,996,411 | |
| | | | Gold | 5,350 | |
| | | | Lead | | 91,110,809 |
| | | | Zinc | | 80,536,356 |
| | | | Copper | | 252,105 |
| | | | Cadmium | | 213,630 |
| | | | Tin | | 130,828 |

| Production Year | Tonnes Mined | Tonnes Milled | Commodity | Grams Recovered | Kilograms Recovered | | |
|-----------------|--------------|---------------|-----------|-----------------|---------------------|--|--|
| 1968 | 1,955,652 | 2,297,909 | Silver | 98,916,280 | | | |
| | | | Gold | 4,386 | | | |
| | | | Lead | | 79,840,226 | | |
| | | | Zinc | | 66,092,001 | | |
| | | | Copper | | 242,126 | | |
| | | | Tin | | 162,472 | | |
| | | | Cadmium | | 155,069 | | |
| | | | | | | | |
| 1967 | 1,921,749 | 2,228,068 | Silver | 95,259,780 | | | |
| | | | Gold | 4,168 | | | |
| | | | Lead | | 74,736,210 | | |
| | | | Zinc | | 60,707,578 | | |
| | | | Tin | | 198,584 | | |
| | | | Copper | | 132,085 | | |
| | | | Cadmium | | 115,800 | | |
| | | | | | | | |
| 1966 | 1,937,428 | 1,937,428 | Silver | 97,678,660 | | | |
| | | | Gold | 8,802 | | | |
| | | | Lead | | 79,876,149 | | |
| | | | Zinc | | 70,441,477 | | |
| | | | Tin | | 322,390 | | |
| | | | Cadmium | | 174,802 | | |
| | | | Copper | | 174,537 | | |
| | | | | | | | |
| 1965 | 2,283,185 | 2,283,185 | Silver | 89,124,869 | | | |
| | | | Gold | 8,740 | | | |
| | | | Zinc | | 98,282,883 | | |
| | | | Lead | | 92,532,814 | | |
| | | | Cadmium | | 266,934 | | |
| | | | Tin | | 171,097 | | |
| | | | Copper | | 162,476 | | |
| | | | | | | | |
| 1964 | 2,470,047 | 2,470,047 | Silver | 90,132,544 | | | |
| | | | Gold | 10,108 | | | |
| | | | Zinc | | 123,753,141 | | |
| | | | Lead | | 96,316,571 | | |
| | | | Cadmium | | 336,092 | | |
| | | | Copper | | 262,538 | | |
| | | | Tin | | 159,822 | | |
| | | | | | | | |
| 1963 | 1,580,315 | 1,580,315 | Silver | 127,024,994 | | | |
| | | | Gold | 11,135 | | | |
| | | | Zinc | | 119,461,091 | | |
| | | | Lead | | 116,717,778 | | |
| | | | Tin | | 420,506 | | |
| | | | Copper | | 331,756 | | |
| | | | | | | | |
| | | | | | | | |
| 1962 | 2,343,308 | 2,343,308 | Silver | 120,264,259 | | | |
| | | | Gold | 10,979 | | | |
| | | | Zinc | | 118,536,675 | | |
| | | | Lead | | 113,930,922 | | |
| | | | Tin | | 295,260 | | |
| | | | Copper | | 278,595 | | |
| | | | | | | | |
| | | | | | | | |
| 1961 | 2,233,200 | 2,233,200 | Silver | 165,021,445 | | | |
| | | | Gold | 11,415 | | | |
| | | | Lead | | 134,248,125 | | |
| | | | Zinc | | 92,634,871 | | |
| | | | Tin | | 507,726 | | |
| | | | Copper | | 373,849 | | |
| | | | | | | | |
| | | | | | | | |

| Production Year | Tonnes Mined | Tonnes Milled | Commodity | Grams Recovered | Kilograms Recovered |
|-----------------|--------------|---------------|-----------|-----------------|---------------------|
| 1960 | 2,288,411 | 2,288,411 | Silver | 164,322,437 | |
| | | | Gold | 11,259 | |
| | | | Lead | | 123,833,699 |
| | | | Zinc | | 106,199,027 |
| | | | Copper | | 355,705 |
| | | | Tin | | 282,005 |
| | | | | | |
| 1959 | 2,213,878 | 2,213,878 | Silver | 107,362,704 | |
| | | | Gold | 8,864 | |
| | | | Zinc | | 110,737,353 |
| | | | Lead | | 91,033,808 |
| | | | Tin | | 339,033 |
| | | | Copper | | 186,698 |
| | | | Cadmium | | 13 |
| | | | | | |
| 1958 | 2,217,043 | 2,217,043 | Silver | 96,511,085 | |
| | | | Gold | 9,766 | |
| | | | Zinc | | 124,244,470 |
| | | | Lead | | 93,173,464 |
| | | | Tin | | 360,829 |
| | | | Copper | | 194,409 |
| | | | Cadmium | | 81 |
| | | | | | |
| 1957 | 2,198,621 | 2,198,621 | Silver | 79,072,379 | |
| | | | Gold | 8,678 | |
| | | | Zinc | | 111,489,450 |
| | | | Lead | | 78,332,664 |
| | | | Tin | | 321,642 |
| | | | Copper | | 150,317 |
| | | | | | |
| 1956 | 2,512,142 | 2,512,142 | Silver | 80,597,359 | |
| | | | Gold | 9,238 | |
| | | | Zinc | | 118,480,653 |
| | | | Lead | | 86,071,479 |
| | | | Tin | | 343,338 |
| | | | Copper | | 123,016 |
| | | | | | |
| 1955 | 2,573,286 | 2,573,286 | Silver | 90,439,717 | |
| | | | Gold | 10,420 | |
| | | | Zinc | | 120,366,257 |
| | | | Lead | | 102,296,557 |
| | | | Tin | | 177,457 |
| | | | Copper | | 112,981 |
| | | | | | |
| 1954 | 2,432,726 | 2,432,726 | Silver | 118,033,614 | |
| | | | Gold | 9,549 | |
| | | | Zinc | | 125,611,838 |
| | | | Lead | | 121,759,082 |
| | | | Tin | | 151,403 |
| | | | Copper | | 134,729 |
| | | | | | |
| 1953 | 2,397,904 | 2,397,904 | Silver | 91,761,128 | |
| | | | Gold | 3,577 | |
| | | | Zinc | | 104,240,030 |
| | | | Lead | | 94,249,701 |
| | | | Tin | | 291,774 |
| | | | Cadmium | | 112 |
| | | | | | |

| Production Year | Tonnes Mined | Tonnes Milled | Commodity | Grams Recovered | Kilograms Recovered |
|-----------------|--------------|---------------|-----------|-----------------|---------------------|
| 1952 | 2,448,962 | 2,448,962 | Silver | 88,528,593 | |
| | | | Zinc | | 117,089,448 |
| | | | Lead | | 97,521,978 |
| | | | Tin | | 96,212 |
| | | | Cadmium | | 985 |
| 1951 | 2,298,079 | 2,298,079 | Silver | 99,462,075 | |
| | | | Zinc | | 125,115,292 |
| | | | Lead | | 112,734,805 |
| | | | Tin | | 157,268 |
| 1950 | 2,432,115 | 2,432,115 | Silver | 130,285,802 | |
| | | | Lead | | 122,269,586 |
| | | | Zinc | | 111,954,449 |
| | | | Tin | | 361,240 |
| 1949 | 2,084,402 | 2,084,402 | Silver | 124,743,371 | |
| | | | Zinc | | 117,664,344 |
| | | | Lead | | 117,323,725 |
| | | | Tin | | 280,825 |
| 1948 | 2,071,659 | 2,071,659 | Silver | 151,719,034 | |
| | | | Lead | | 147,691,788 |
| | | | Zinc | | 121,645,340 |
| | | | Tin | | 313,581 |
| 1947 | 2,043,631 | 2,043,631 | Silver | 144,797,093 | |
| | | | Lead | | 142,460,305 |
| | | | Zinc | | 121,012,438 |
| | | | Tin | | 323,953 |
| 1946 | 2,093,348 | 2,093,347 | Silver | 192,012,878 | |
| | | | Lead | | 171,416,560 |
| | | | Zinc | | 135,123,372 |
| | | | Tin | | 396,522 |
| 1945 | 2,209,779 | 2,209,779 | Silver | 158,719,449 | |
| | | | Lead | | 156,463,735 |
| | | | Zinc | | 132,801,578 |
| | | | Tin | | 385,544 |
| 1944 | 1,942,633 | 1,942,633 | Silver | 140,887,135 | |
| | | | Lead | | 129,312,086 |
| | | | Zinc | | 103,998,314 |
| | | | Tin | | 234,336 |
| 1943 | 2,268,598 | 2,268,598 | Silver | 225,502,380 | |
| | | | Lead | | 196,953,326 |
| | | | Zinc | | 151,667,483 |
| | | | Tin | | 352,411 |
| 1942 | 2,447,058 | 2,447,058 | Silver | 270,379,654 | |
| | | | Lead | | 230,817,708 |
| | | | Zinc | | 180,742,778 |
| | | | Tin | | 561,482 |
| 1941 | 2,398,570 | 2,398,570 | Silver | 258,424,998 | |
| | | | Lead | | 205,383,996 |
| | | | Zinc | | 165,381,926 |
| | | | Tin | | 234,336 |

| Production Year | Tonnes Mined | Tonnes Milled | Commodity | Grams Recovered | Kilograms Recovered |
|-----------------|--------------|---------------|-----------|-----------------|---------------------|
| 1940 | 2,253,756 | 2,253,756 | Silver | 274,356,328 | |
| | | | Lead | | 207,412,482 |
| | | | Zinc | | 140,103,320 |
| 1939 | 1,896,971 | 1,896,971 | Silver | 233,645,954 | |
| | | | Lead | | 168,513,399 |
| | | | Zinc | | 127,693,954 |
| 1938 | 2,061,920 | 2,061,784 | Silver | 251,980,179 | |
| | | | Lead | | 187,671,722 |
| | | | Zinc | | 138,897,188 |
| 1937 | 2,013,657 | 2,013,555 | Silver | 259,075,144 | |
| | | | Lead | | 187,994,590 |
| | | | Zinc | | 131,346,538 |
| 1936 | 1,725,229 | 1,724,981 | Silver | 215,194,441 | |
| | | | Lead | | 167,349,975 |
| | | | Zinc | | 107,571,600 |
| 1935 | 1,688,530 | 1,686,648 | Silver | 209,146,929 | |
| | | | Lead | | 153,093,589 |
| | | | Zinc | | 104,402,935 |
| 1934 | 1,582,259 | 1,580,074 | Silver | 202,199,545 | |
| | | | Lead | | 150,877,453 |
| | | | Zinc | | 103,902,600 |
| 1933 | 1,282,383 | 1,271,015 | Silver | 149,759,732 | |
| | | | Lead | | 120,400,647 |
| | | | Zinc | | 88,610,744 |
| 1932 | 1,312,620 | 1,306,811 | Silver | 137,949,923 | |
| | | | Lead | | 115,317,144 |
| | | | Zinc | | 97,401,868 |
| 1931 | 1,471,190 | 1,462,567 | Silver | 137,252,531 | |
| | | | Lead | | 118,817,013 |
| | | | Zinc | | 97,577,489 |
| 1930 | 1,745,203 | 1,733,575 | Silver | 169,586,122 | |
| | | | Lead | | 147,434,418 |
| | | | Zinc | | 111,047,921 |
| 1929 | 1,610,176 | 1,596,524 | Silver | 163,932,871 | |
| | | | Lead | | 139,432,093 |
| | | | Zinc | | 115,205,245 |
| 1928 | 1,427,249 | 1,346,697 | Silver | 179,341,546 | |
| | | | Lead | | 141,529,048 |
| | | | Zinc | | 100,905,107 |
| 1927 | 1,152,724 | 1,132,641 | Silver | 164,062,820 | |
| | | | Lead | | 127,998,848 |
| | | | Zinc | | 79,937,594 |
| 1926 | 1,010,065 | 981,559 | Silver | 145,831,361 | |
| | | | Lead | | 116,086,847 |
| | | | Zinc | | 75,417,628 |
| 1925 | 1,013,873 | 991,727 | Silver | 115,319,193 | |
| | | | Lead | | 102,195,811 |
| | | | Zinc | | 70,674,795 |

| Production Year | Tonnes Mined | Tonnes Milled | Commodity | Grams Recovered | Kilograms Recovered |
|-----------------|--------------|---------------|-----------|-----------------|---------------------|
| 1924 | 937,173 | 937,173 | Silver | 87,105,009 | |
| | | | Lead | | 83,308,724 |
| | | | Zinc | | 53,731,188 |
| 1923 | 403,767 | 169,384 | Silver | 45,735,780 | |
| | | | Lead | | 45,179,024 |
| | | | Zinc | | 43,794,636 |
| 1922 | 325,456 | 325,456 | Silver | 42,479,078 | |
| | | | Zinc | | 44,223,156 |
| | | | Lead | | 37,417,242 |
| 1921 | 269,671 | 269,671 | Silver | 26,083,131 | |
| | | | Zinc | | 44,741,390 |
| | | | Lead | | 26,524,163 |
| 1920 | 231,733 | 231,733 | Silver | 16,680,041 | |
| | | | Zinc | | 38,807,094 |
| | | | Lead | | 20,366,763 |
| 1919 | 119,654 | 119,654 | Silver | 3,932,850 | |
| | | | Zinc | | 20,698,676 |
| | | | Lead | | 3,834,352 |
| 1918 | 118,073 | 118,073 | Silver | 6,975,501 | |
| | | | Zinc | | 20,188,389 |
| | | | Lead | | 7,760,080 |
| 1917 | 102,239 | 102,239 | Silver | 4,600,134 | |
| | | | Zinc | | 18,792,316 |
| | | | Lead | | 5,904,139 |
| 1916 | 89,181 | 89,181 | Silver | 15,600,954 | |
| | | | Lead | | 12,004,533 |
| | | | Zinc | | 11,218,994 |
| 1915 | 39,992 | 39,992 | Silver | 14,750,691 | |
| | | | Lead | | 11,938,628 |
| 1914 | 32,204 | 32,204 | Silver | 14,758,591 | |
| | | | Lead | | 10,968,984 |
| 1913 | 28,294 | 28,294 | Silver | 10,100,046 | |
| | | | Lead | | 7,790,819 |
| 1912 | 26,088 | 26,088 | Silver | 10,953,792 | |
| | | | Lead | | 7,812,895 |
| 1911 | 22,425 | 22,425 | Silver | 5,704,384 | |
| | | | Lead | | 4,871,871 |
| 1910 | 20,287 | 20,287 | Silver | 5,267,417 | |
| | | | Lead | | 4,026,226 |
| 1908 | 1,108 | 1,108 | Silver | 243,039 | |
| | | | Lead | | 182,765 |
| 1907 | 25,255 | 25,255 | Silver | 5,549,739 | |
| | | | Lead | | 4,167,226 |
| 1906 | 22,122 | 22,122 | Silver | 6,065,831 | |
| | | | Lead | | 4,176,630 |
| 1905 | 20,485 | 20,485 | Silver | 7,048,935 | |
| | | | Lead | | 5,210,720 |

| | | | | | |
|------|-------|-------|----------------|-----------|-----------|
| 1903 | 305 | 305 | Silver Lead | 138,937 | 90,196 |
| 1901 | 2,618 | 2,618 | Silver Lead | 1,289,437 | 806,430 |
| 1900 | 4,151 | 4,151 | Silver Lead | 2,277,268 | 1,399,082 |

Summary Totals

MINFILE Number: 082FNE052 **Name:** SULLIVAN **Status:** Past Producer

| | Metric | Imperial |
|---------------|--------------------|------------------|
| Mined | 149,173,608 tonnes | 164,435,755 tons |
| Milled | 150,453,162 tonnes | 165,846,222 tons |

Recovery:

| | | |
|----------|-------------------------|-----------------------|
| Silver | 9,264,200,966 grams | 297,850,977 ounces |
| Gold | 174,863 grams | 5,622 ounces |
| Lead | 8,412,076,665 kilograms | 18,545,454,512 pounds |
| Zinc | 7,944,445,846 kilograms | 17,514,505,030 pounds |
| Tin | 9,702,543 kilograms | 21,390,446 pounds |
| Copper | 5,106,742 kilograms | 11,258,439 pounds |
| Cadmium | 3,094,872 kilograms | 6,823,025 pounds |
| Antimony | 413,700 kilograms | 912,052 pounds |
| Bismuth | 21,880 kilograms | 48,237 pounds |

Comments:

- 2001 Closed December 21, 2001.
- 2000 Silver based on 12 grams per tonne.
- 1999 Silver based on 12 grams per tonne.
- 1996 Estimated antimony, bismuth and cadmium.