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
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	138,937	
			Lead		90,196
1901	2,618	2,618	Silver	1,289,437	
			Lead		806,430
1900	4,151	4,151	Silver	2,277,268	
			Lead		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.