

MINFILE Production Detail Report BC Geological Survey

Ministry of Energy, Mines and Petroleum Resources

MINFILE Number:	082FNE052 Name	: SULLIVAN		Status: F	ast Producer
Production Year	Tonnes Mined	Tonnes Milled	Commodity	Grams Recovered	Kilograms Recovered
2001	1,320,000	1,320,000	Zinc Lead		72,576,000 31,752,000
2000	1,613,000	1,613,000	Silver Zinc Lead	19,356,000	92,535,000 33,113,000
1999	1,730,300	1,730,300	Silver Zinc Lead	27,684,800	92,080,000 36,700,000
1998	1,917,400	1,917,400	Silver Zinc Lead	16,678,000	96,330,000 49,000,000
1997	1,580,572	1,580,572	Silver Zinc Lead	18,775,000	101,023,428 43,955,864
1996	1,538,370	1,538,370	Silver Zinc Lead Cadmium Antimony Bismuth	20,236,638	113,578,621 53,258,097 358,630 37,388 9,412
1995	1,616,217	1,616,216	Silver Zinc Lead Antimony Cadmium Bismuth	23,169,000	113,148,525 59,213,713 376,312 351,637 12,468
1994	1,658,997	1,613,094	Silver Zinc Lead	18,741,363	104,949,781 46,988,655
1993	1,364,300	1,364,000	Silver Zinc Lead	21,457,106	91,819,044 41,833,673
1992	1,760,788	1,760,788	Silver Zinc Lead	37,297,216	92,966,842 64,814,527
1991	1,688,254	1,688,254	Silver Zinc Lead	54,944,462	101,493,000 78,378,000
1990	440,480	399,596	Silver Zinc Lead	9,697,038	21,067,779 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	Recovered
1909	1,822,801	1,033,373	Zinc Lead	46,/90,264	80,477,746 64,406,866
1988	2,038,144	2,038,163	Silver Lead Zinc	95,243,201	105,006,620 102,488,460
1987	1,264,303	1,686,600	Silver Lead Zinc	70,836,084	68,549,627 64,586,155
1986	1,275,590	1,859,100	Silver Lead Zinc	81,753,684	91,776,934 88,044,392
1985	1,464,659	1,973,301	Silver Lead Zinc Tin	111,216,453	114,049,293 82,385,337 110
1984	2,472,236	2,472,236	Silver Lead Zinc Tin	102,983,487	95,172,159 91,670,301 169,356
1983	1,523,266	2,017,383	Silver Lead Zinc Tin	127,609,074	111,437,071 69,505,850 136,377
1982	2,195,384	2,446,247	Silver Lead Zinc Tin	95,864,617	76,006,790 63,634,613 119,975
1981	2,051,720	2,209,667	Silver Lead Zinc Tin	116,505,665	86,733,470 65,309,242 124,213
1980	3,474,563	2,132,416	Silver Lead Zinc Tin	86,394,417	76,095,523 51,804,218 113,056
1979	1,853,639	2,047,726	Silver Lead Zinc	107,342,730	92,146,668 70,745,854
1978	2,058,304	2,107,869	Silver Lead Zinc	114,039,181	88,863,212 64,417,720
1977	2,194,218	2,194,218	Silver Zinc Lead	89,609,454	76,890,967 75,125,898
1976	2,124,886	2,124,886	Silver Zinc Lead	84,586,817	77,435,404 77,065,578

Sunday, October 26, 2025 MINFILE Number: 082FNE052 Page 2 of 9

1975	Production Year	Tonnes Mined	Tonnes Milled	Commodity	Grams Recovered	Kilograms Recovered
1						
1-24				Gold	5,132	
Page				Zinc		75,418,513
1974						
1,285,011						
Page				Cadmium		34,701
Page	1974	1,285,011	1,285,010	Silver	56,221,689	
				Gold	2,861	
164,018 164,						
1973						
Tin						
1973						
1,000 1,00				Tin		143,815
Page	1973	2,008,873	2,008,873	Silver	98,007,824	
Lead S5,222,304 Copper 280,409 Cadmium 250,138 Tim 1513,8221 1972				Gold	4,728	
Copper Cadmium 250,138 1746,411 1,746,411				Zinc		94,006,528
Page				Lead		
Tin 138,221 1972						
1972						
Figure F				Tin		138,221
Figure F	1972	1,746,411	1,746,411	Silver	98,483,233	
Tin				Gold	5,070	
Copper				Lead		88,941,288
Page				Zinc		84,910,506
1971 1,819,169 1,819,169 Silver Gold Lead Copper Cadmium Tin 110,331,330 5,630 97,004,757 97,004,757 25inc Copper Cadmium Tin 250,563 249,104 144,695 1970 1,923,701 1,923,701 Silver Gold Ead 				Copper		
1971						
Cold S,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 Cold 1,000 1,000 Cold 1,000 1,000 Cold 1,000 1,000 Cold 1,000				Tin		159,230
Cold S,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 Zine 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 Cold 1,000 1,000 Cold 1,000 1,000 Cold 1,000 1,000 Cold 1,000	1971	1,819,169	1,819,169	Silver	110,331,330	
Zinc 92,457,064 Copper 250,563 Cadmium 249,104 Tin 144,695						
Copper 250,563 249,104 249,104 Tin 144,695 1,923,701				Lead		97,004,757
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		92,457,064
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				Copper		250,563
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						
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				Tin		144,695
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	1970	1,923,701	1,923,701	Silver	89,811,281	
Zinc 75,499,602 Copper 237,137 Cadmium 203,507 Tin 119,619 1,957,261 1,967,020 Silver 97,996,411 Gold 5,350 Lead 91,110,809		•				
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				Lead		86,911,836
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		75,499,602
Tin 119,619 1,957,261 1,967,020 Silver 97,996,411 Gold 5,350 Lead 91,110,809						
1969 1,957,261 1,967,020 Silver 97,996,411 Gold 5,350 Lead 91,110,809						
Gold 5,350 Lead 91,110,809				Tin		119,619
Gold 5,350 Lead 91,110,809	1969	1,957,261	1,967,020	Silver	97,996,411	
Lead 91,110,809		•				
Zinc 80,536,356				Lead		91,110,809
				Zinc		80,536,356
Copper 252,105						
Cadmium 213,630						
Tin 130,828				Tin		130,828

Sunday, October 26, 2025 MINFILE Number: 082FNE052 Page 3 of 9

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	
1,02	2,0 .0,0 00	2,5 15,5 00	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	
1701	2,233,200	2,233,200	Gold	11,415	
			Lead	11,713	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 Gold Lead Zinc Copper Tin	164,322,437 11,259	123,833,699 106,199,027 355,705 282,005
1959	2,213,878	2,213,878	Silver Gold Zinc Lead Tin Copper Cadmium	107,362,704 8,864	110,737,353 91,033,808 339,033 186,698
1958	2,217,043	2,217,043	Silver Gold Zinc Lead Tin Copper Cadmium	96,511,085 9,766	124,244,470 93,173,464 360,829 194,409 81
1957	2,198,621	2,198,621	Silver Gold Zinc Lead Tin Copper	79,072,379 8,678	111,489,450 78,332,664 321,642 150,317
1956	2,512,142	2,512,142	Silver Gold Zinc Lead Tin Copper	80,597,359 9,238	118,480,653 86,071,479 343,338 123,016
1955	2,573,286	2,573,286	Silver Gold Zinc Lead Tin Copper	90,439,717 10,420	120,366,257 102,296,557 177,457 112,981
1954	2,432,726	2,432,726	Silver Gold Zinc Lead Tin Copper	118,033,614 9,549	125,611,838 121,759,082 151,403 134,729
1953	2,397,904	2,397,904	Silver Gold Zinc Lead Tin Cadmium	91,761,128 3,577	104,240,030 94,249,701 291,774 112

Sunday, October 26, 2025 MINFILE Number: 082FNE052 Page 5 of 9

Nined Milled Commodity Recovered Recovered 1952
117,089,448 246,035
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
1951
1950 2,432,115 2,432,115 2,432,115 10,000 10,
1950 2,432,115 2,432,115 2,432,115 10,000 10,
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
1950
Lead 122,269,586 21nc 111,954,449
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
1949
Zinc
Lead 117,323,725 71in 280,825 1948 2,071,659 2,071,659 Silver 151,719,034 147,691,788 2,071,659 Tin 313,581 1947 2,043,631 2,043,631 Silver 144,797,093 142,460,305 2,071,659 Tin 323,953 1946 2,093,348 2,093,347 Silver 192,012,878 171,416,560 135,123,372 1946 2,093,348 2,093,347 Silver 192,012,878 171,416,560 135,123,372 184,797,093 184,
Tin 280,825 1948 2,071,659 2,071,659 2,071,659 Ead 2ine Tin 121,645,340 Tin 313,581 1947 2,043,631 2,043,631 Silver 144,797,093 Lead 2ine 121,012,438 Tin 323,953 1946 2,093,348 2,093,347 Silver 192,012,878 Lead 171,416,560 Zine 125,123,372
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 Lead 171,416,560 Lead 171,416,560 Zinc 135,123,372
1947 2,043,631 2,043,631 Silver Lead Lead Silver Lead Lead Lead Lead Lead Lead Lead Lead
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 135,123,372 192,012
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
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
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
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 323,953 1946 2,093,348 2,093,347 Silver 192,012,878 Lead 171,416,560 Zinc 135,123,372
1946 2,093,348 2,093,347 Silver 192,012,878 Lead 171,416,560 Zinc 135,123,372
Lead 171,416,560 Zinc 135,123,372
Lead 171,416,560 Zinc 135,123,372
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
1044 1042 1042 622 Silver 140 997 125
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

Sunday, October 26, 2025 MINFILE Number: 082FNE052 Page 6 of 9

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

Sunday, October 26, 2025 MINFILE Number: 082FNE052 Page 7 of 9

Production Year	Tonnes Mined	Tonnes Milled	Commodity	Grams Recovered	Kilograms Recovered
1924	937,173	937,173	Silver	87,105,009	
			Lead Zinc		83,308,724 53,731,188
1923	403,767	169,384	Silver	45,735,780	33,731,100
1923	403,707	109,384	Lead	45,755,760	45,179,024
			Zinc		43,794,636
1922	325,456	325,456	Silver	42,479,078	
			Zinc Lead		44,223,156 37,417,242
1021	260 671	260 671		26,002,121	37,417,242
1921	269,671	269,671	Silver Zinc	26,083,131	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 Zinc	3,932,850	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	10.702.217
			Zinc Lead		18,792,316 5,904,139
1916	89,181	89,181	Silver	15,600,954	, ,
1910	03,101	03,101	Lead	10,000,50	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 Lead	14,758,591	10,968,984
1012	29 204	20 204		10 100 046	10,900,904
1913	28,294	28,294	Silver Lead	10,100,046	7,790,819
1912	26,088	26,088	Silver	10,953,792	
1,712	20,000	20,000	Lead	10,500,752	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	102.775
			Lead		182,765
1907	25,255	25,255	Silver Lead	5,549,739	4,167,226
1006	22 122	22 122		6.065.921	7,107,220
1906	22,122	22,122	Silver Lead	6,065,831	4,176,630
1905	20,485	20,485	Silver	7,048,935	
	20,.00	20,.00	Lead	.,,,,,,,,	5,210,720

Sunday, October 26, 2025 MINFILE Number: 082FNE052 Page 8 of 9

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: 082F	FNE052 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.