

1916	42,290,462
1917	37,010,392
1918	41,782,474

The returns for the present year to date are not available except through the Provincial Minerologist but judging from present mining activity, the returns for 1919 should exceed even 1916 or should be approximately \$50,000,000.

Details in kind of production per annum, 1916-7-8.

1916	Customary Measure	Quantity	Value
Gold Placer	ozs.	29,025	\$ 580,500
" lode	"	221,932	4,587,334
Silver	"	3,301,923	2,059,739
Lead	lbs.	48,727,516	3,007,462
Copper	"	65,379,364	17,784,494
Zinc	"	37,168,980	4,043,985
Coal	T.2240lbs.	2,084,093	7,294,325
Coke	"	267,725	
Miscellaneous Products			1,326,273

\$42,290,462

1917	Customary Measure	Quantity	Value
Gold placer	ozs.	24,800	\$ 496,000
" lode	"	114,523	2,367,190
Silver	"	2,929,216	2,265,749
Lead	lbs.	37,307,465	2,951,020
Copper	"	59,007,565	16,038,256
Zinc	"	41,848,513	3,166,259
Coal	T.2240lbs.	2,149,975	7,524,913
Coke	"	159,905	959,430
Miscellaneous Products			1,241,575

\$37,010,392

1918	Customary Measure	Quantity	Value
Gold placer	ozs.	16,000	\$ 320,000
" lode	"	164,674	3,403,812
Silver	"	3,498,172	3,215,870
Lead	lbs.	43,899,661	2,928,107
Copper	"	61,483,754	15,143,449
Zinc	"	41,772,916	2,899,040
Coal	T.2240lbs.	2,302,245	11,511,225
Coke	"	188,967	1,322,769
Miscellaneous Products			1,038,202

\$41,782,474

Granby Company Enterprising.

As has been often stated British Columbia possesses some of the largest copper producing mines in the world. There are the famous Rossland Mines known as the Centre Star, War Eagle and Le Roi. For over twenty years the Granby Mine at Phoenix was a great producer and the smelter at Grand Forks was one of the largest on the continent. Unfortunately Phoenix is about worked out of straight smelting ore and the smelter is closed down pending the discovery of further supplies of smelting ore, or the establishment of a plant for concentrating the low grade ores, of which there is an abundance. The Granby Company, however, are not quitters and so with the energy and foresight which has characterized the management, bought from Mr. Rodgers, what was then known as the Hidden Creek Mine on Observatory Inlet, and have established at Anyox a larger and more modern smelter than that at Grand Forks. Anyox is on the coast some 30 miles north of Prince Rupert and about sixty miles from Stewart, the distributing point for the wonderful mines which are being opened up in that district.

Progress at Trail.

The ores of the Rossland Camp are smelted at the Canadian Consolidated Company's Smelter at Trail. I wonder how many men interested in this subject have seen the plant at Trail. Here they not only smelt copper, silver-lead and zinc ores, but they refine gold, copper-silver, lead and zinc, and also make their own acid. They are increasing their copper refinery from 25 to 50 tons per day and also contemplate putting down a rolling mill for manufacturing copper rods and sheets. The Canada Copper Corporation who were originally the B. C. Copper Company, operating at Greenwood, have developed that wonderful camp on Copper mountain near Princeton, and have built a mill capable of handling over 2,000 tons of ore per day. They are building a railway spur from the Kettle Valley Road at Princeton, some 25 miles out to the mine at Copper Mountain. The concentrating mill is completed at Allenby, about five miles out from Princeton.

Britannia Mines.

To come nearer home we have at our front door, twenty-one miles from Vancouver, the wonderful Britannia Mines with ore reserves blocked out to last for 100 years, with a modern mill equipped with all the latest improvements for saving low grade values and capable of handling two thousand tons per day at present with provision for increasing that to four thousand. The Britannia ore, unfortunately, is not a self-fluxing ore and so their concentrates are shipped to Tacoma.

These are the three principal copper producing properties.

There is a smelter at Ladysmith on Vancouver Island but it has not been operated for some years, though I understand it may be opened up again. Time will not permit me to mention individually the many paying silver, lead and zinc properties in the Slocan. The present high price of silver having brought many of these old mines back to life, good profits are being made on properties now which years ago could not be made to pay. Oil separation and other improved methods of handling silver lead ores carrying zinc have stimulated mining in the Slocan and many good properties are being developed there.

The principal free gold producing properties in the Province are the Nickel Plate Mine at Hedley owned by the Hedley Gold Mining Company and the Belmont Surf Inlet Mines, owned and operated by the Tonopah Development Company.

The Work at Hedley.

At Hedley they have a forty stamp mill running night and day as well as the Ball and Pebble Mills. They recover their gold by the cyanide process and their bullion is bought by the Government Mint through the Assay Office here in Vancouver. This company has been operating for some years and has large bodies of high grade gold ore blocked out. The Surf Inlet Company have not yet put in a cyanide plant and so their concentrates are shipped to Tacoma and for ten months of their fiscal year ending December 31st, 1918, their operating profit was \$323,242.60.

The Pioneer Mine in the Lillooet which was owned and operated by Vancouver men for years, has been recently bonded by the Canada Development Co., of Toronto, and we may expect successful development in the near future. Development work on the Nugget in the Sheep Creek District near Nelson has recently opened up large bodies of rich ore, so that we may soon expect to see the mill operating again there. The Engineer Mine in the Atlin District is also a rich producer of high grade gold ore.

To these already producing mines we may expect many additions this coming summer from the Salmon Arm and Hazelton Districts, so that it is reasonable to anticipate that within the next five years the mineral production in B. C. will approximate \$100,000,000.

What is noted has special reference to the metalliferous ores of the Province, but we have an asset in our coal deposits, which one of these days will play even a more prominent