

Production
of Mines.

The following table will be interesting in that it gives, within a narrow margin of exactness, as determined by actual smelter returns, the output of the Rossland mines for each year from the beginning to date. It must be remembered that this table is according to the smelter returns received during each year, so that nearly all the ore shipped in December has to be credited to the following year, or the issue of this Report would be delayed until much later.

The table gives the actual yield values of the ores as paid for by the smelters, or 95 per cent. of the assay values in gold and silver, and the amount of the wet assay of copper, less 1.3 per cent, and also the weight of ore, less the moisture.

NET PRODUCTION, PER SMELTER RETURNS.

Years.	Tons. 2,000 lbs.	GOLD.	SILVER.	COPPER.	Value.
		Ounces.	Ounces.	Pounds.	
1894.....	1,856	3,723	5,357	106,229 \$	75,510
1895.....	19,693	31,497	46,702	840,420	702,459
1896.....	38,075	55,275	80,285	1,580,635	1,243,360
1897.....	68,804	97,024	110,068	1,819,586	2,097,280
Total.....	128,428	187,519	251,412	4,346,870 \$	4,118,607

AVERAGE NET SMELTER RETURNS, OR ACTUAL YIELD
VALUES PER TON.

Year.	GOLD.	SILVER.	COPPER.	Value.
	Ounces.	Ounces.	Per cent.	
1894.....	2.00	2.80	2.85 \$	40.69
1895.....	1.60	2.41	2.10	35.67
1896.....	1.45	2.34	2.08	32.65
1897.....	1.42	1.60	1.32	30.48
Average, 128,428 Tons...	1.46	1.96	1.73 \$	32.05

From the above values, the cost of mining, transportation, treatment and the Provincial tax has to be deducted, or, calculating from scanty information, from \$15.00 to \$18.00, leaving a net value or profit for the production of 1897 of from \$12.00 to \$16.00 per ton.