

come so valuable, and of such economic importance, the chapter on this metal, which occupies fifty pages of the volume, will be found to repay careful study.

In this article the electrolysis and refining of copper is described in an essay which may be considered in many respects the best treatise on the subject that has yet been published.

A very interesting paper on the "Identification of Gems" is contributed by a specialist in that department, and many valuable hints not found in the ordinary text-books are embodied in the article.

The metals gold and silver occupy 100 pages of the book, and the latest improvements in the cyanide and Californian processes are duly considered.

An article which should prove of especial interest and value at the present time is that on "Lime Burning," illustrated by numerous diagrams of the various kilns employed.

To the people of British Columbia with limestone deposits conveniently situated for supplying unlimited lime to countries bordering on the Pacific Ocean, there is hardly any subject that would better repay consideration at the present time. One of the most elaborate articles in the volume is that on the manufacture of sulphuric acid, a subject that should receive much more attention in British Columbia than it has in the past.

It may safely be said that the information relating to the sulphuric acid industry in this volume is worth many times the price of the book. The writer of this article treats the subject in a way that leaves no detail of the process unexplained, and the working drawings which accompany the article are thoroughly modern in every particular.

There are many other features of the book which it would take too much space to enumerate, among these being articles on mica manganese, nickel and cobalt, petroleum, platinum, salt, talc and soapstone, tin, etc.

A very handsome and eminently creditable illustrated quarterly has just been issued by the publishers of a well-known Western newspaper, the *Spokesman-Review*, of Spokane, Washington. The publication before us is very profusely and artistically illustrated with mining and other views in British Columbia, Idaho, Montana and Washington, the attractive arrangement and presentation of these many charming photographs being particularly worthy of commendation. The letter-press is pleasing, but as one has learnt to expect in connection with American, or at least Western journalistic ventures of this nature, most of the accompanying descriptive articles are characterised by a somewhat offensive floridness of style, and by use of exaggerated, or, to coin a word, "boomistic" language.

"The Mineral Resources of the Province of New Brunswick, by L. W. Bailey, Ph.D., LL.D., F.R.S.C., the Geological Survey of Canada. Queen's Printer, Ottawa, 1899.

This report is based on data derived in part from the published reports of members of the Geological Survey staff and others; from information supplied by persons engaged or interested in mining operations, and finally from observations made by Dr. Bailey, from May, 1897, to the summer of 1898. Accompanying the report are several handsome engravings from photographs, and an excellent map, showing the principal mineral occurrences in New Brunswick.

PRODUCING MINES.

SLOCAN.

THE Slocan output for the month of August shows an advance of approximately three hundred and fifty tons over that of July, but compared with the production during the same period of last year a very considerable falling off of nearly one-third is to be noted. The ore shipments over the Kaslo & Slocan Railway amounted to 1,680,195 lbs. The total clearances of the Kaslo post for this month was:

Gross lbs. ore.....	492,000
Pounds lead	244,000
Ounces silver	31,775
Value	\$26,077

There was no ore reported from the sub-port of Nakusp.

Production for the four weeks ending September 22nd :

Mine.	Tons.
Payne.....	80
Coin.....	3
Jackson.....	99
Whitewater.....	186
Total.....	368

NELSON.

The value of the clean-up of the Athabasca mill for thirty days ending Sept. 16 was \$9,800.

The following tables show the business transacted at the customs and inland revenue offices at Nelson for the month of August :

Exports—	Value.
53 tons ore.....	\$ 4,154 00
182 tons copper matte	51,561 00
Gold bullion.....	19,595 00
The forest.....	34 00
Animals and their produce.....	12 00
Agricultural products.....	23 00
Manufactures.....	990 00

Total..... \$76,373 00

Imports—	Value.
Dutiable goods.....	\$56,470 00
Free goods.....	14,414 00

Total..... \$70,884 00

Revenues—	Amount.
Duty collected.....	\$15,865 65
Other revenue.....	80 00

Total..... \$15,945 65

Inland revenue (sources)—	Amount.
Spirits.....	\$ 2,540 48
Malt.....	390 00
Tobacco.....	410 00
Raw leaf.....	31 20
Cigars.....	216 00
Licenses.....	25 00
Petroleum inspection.....	40 00

Total..... \$ 3,652 08

The results of the Hall Mines, Ltd., smelting operations for the four weeks ending September 1st, were as follows :

Ore smelted, tons.....	4,115
Copper, tons.....	79
Silver, oz.....	51,720

ROSSLAND.

Our Rossland correspondent telegraphs on September the 20th : The ore production from Rossland mines for the nine months ending September the 30th is estimated at 120,000 tons, valued at two million dollars. The Okanagan Free Gold Mines have declared a dividend of one-quarter of a cent per