

Gold-Silver-Copper Ores of British Columbia.—There are six copper smelters in British Columbia, in addition to the smelter at Northport, Wash., U.S.A., treating these complex ores.

The ores of the Rossland camp, of which gold is the chief constituent value, are smelted in the Trail copper furnace of the Consolidated Mining and Smelting Company, and at the Northport smelter. The low grade copper ores of the Boundary district are smelted locally at Grand Forks, Greenwood, and Boundary Falls, some also going to Trail.

On the coast the ores of this class are smelted at Ladysmith and Crofton, but a considerable tonnage is also shipped to United States smelters for treatment, while the local smelters are receiving some foreign ores. The Crofton smelter, which has not been in operation during the past three years, is owned by the Britannia Copper Syndicate, Limited. The Boundary Falls smelter was out of commission throughout 1909 and 1910.

The aggregate production of these smelters in 1908, 1909, and 1910, including the foreign ores treated, was as follows:—

		1908.	1909.	1910.
Ore smelted.....	Tons	1,797,488	1,850,889	1,987,752
Smelter products—				
Matte.....	"	7,643	11,597	11,519
Blister.....	"	15,418	14,239	13,918
Metallic content of matte and blister—				
Gold.....	Ozs.	202,959	198,898	197,181
Silver.....	"	631,484	612,164	636,140
Copper.....	Lbs.	36,960,118	37,581,884	36,890,283

Trail Smelter. Statistics of the production of the Trail smelter, including both the copper and lead smelters, have been published in the annual reports of the Company, the figures since 1906 having been as follows:—

Production of Trail Smelter.

Year Ending June 30.	Ore Smelted.	METALS CONTAINED IN MATTE AND BULLION PRODUCED.			
		Gold.	Silver.	Lead.	Copper.
	Tons.	Ozs.	Ozs.	Lbs.	Lbs.
1906 (6 mos. only).....	157,640	64,590	1,074,255	15,133,683	2,399,161
1907.....	222,573	69,168	1,100,271	20,383,083	3,443,310
1908.....	305,956	121,380	2,224,888	32,157,139	4,004,468
1909.....	347,417	114,920	2,443,475	43,675,077	4,637,631
1910.....	487,125	137,614	2,162,406	42,368,816	5,974,950
1911.....	388,785	119,067	1,458,758	24,026,015	4,421,988
Production from 1894 to June, 1911	2,847,469	1,017,123	18,458,631	224,898,570	47,875,802