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These ores are rich in silver as shown by the results of some 50 essays made in the chemical branch of the Geological Survey, of specimens of galena collected by myself which run from 50 ounces to 360 ounces, the majority from the black shale series in the Slocan district averaging perhaps 100 to 125 ounces per ton. Some specimens of so-called "carbonate" gave little or no silver, whilst two specimens of this class of ore from different claims gave 700 ounces and 1630 ounces, respectively. The galena from the veins on the schistose formation seems to average lower in silver than that occurring in the shale formation.

The other districts of West Kootenay now prominent in respect of their silver ores are Ainsworth, Hendryx and Toad Mountain districts, all of which have been well described by Dr. G. M. Dawson, of the Survey, in his report of West Kootenay. The ores of the latter district, however, are more mixed, copper and the richest silver minerals occurring with the galena. They also carry a little gold. Other camps which have come into prominent notice of late are those of Goat River and Trail Creek.

Three smelters have been erected in the district, one at Golden, one at Revelstoke (now washed away by the flood,) and one at Pilot Bay on Kootenay Lake. The latter however, has not been completed owing to some disagreement among the capitalists concerned.

The two former works consisted each of a single water jacket furnace with roaster and appurtenances, but the Pilot Bay works have been projected upon a more extensive scale. The plan includes:—

Concentrator Building.....	85 x 100
Sampling Works.....	100 x 108
Roaster	100 x 170
Smelter.....	58 x 98
Refinery	120 x 245
Assay Office.....	20 x 80
Boiler House	40 x 48
Blacksmith Shop	20 x 40
Machine Shop	20 x 40
Office.....	30 x 45
Boarding House.....	25 x 60