

**The Hall Mines New Copper Furnace.**—The large copper furnace at the Hall mines has been running smoothly since being blown in Saturday morning. During the first five days' running, up to six o'clock Thursday morning, 2,250,020 pounds of Silver King ore were put through the furnace, producing 215,934 pounds of matte.

This furnace was designed by Paul Johnson, the company's smelter superintendent, and is said to be the largest copper furnace in the world. Mr. Johnson estimates that the operation of the new furnace will effect a saving of ten per cent. on the company's previous smelting expenses, and that by its use the Hall mines can smelt copper ores as cheaply as any smelter in Colorado, despite the difference in the cost of fuel. To the Hall mines the use of this furnace will mean a saving of at least \$1,500 per month upon smelting expenses. Superintendent Johnson is highly pleased with the success which has attended the blowing in and operation of the furnace. Piece by piece he has built a very economical smelter, and under his personal supervision the working of the same has been the most creditable of the Hall mines operations. It is evident that in securing Mr. Johnson the Hall Mines Company was most fortunate.

When the big furnace was started there was a good supply of ore in the bins, and as the tramway is bringing down 210 tons per day, it is thought that a long and profitable run will be made. There is an ore reserve of

3,000 tons at the mine, and if pushed, the tramway can deliver 275 tons every 24 hours. The management is of the opinion that ore will be produced at the mine in sufficient quantities to keep the furnace running six months. This would mean a handsome earning for the company, as the ore now being taken out of the mine carries much greater values than any which the company has treated for several months past. The reverberatory furnace is working up large quantities of white metal, and will shortly commence working the same over into copper. It is not unlikely that another reverberatory will be added, so that one furnace can be used exclusively for white metal, and the second for copper.

**British-Canadian Mining Companies.**—Out of the 430 companies registered at Somerset House during July, 22 are for the purpose of carrying on mining operations in the Dominion of Canada, the total income amounting to £956,114. In several cases the registered capital was of a purely nominal amount.

**St. Lawrence Coal Receipts from Cape Breton.**—During the month of July the Dominion Coal Co. shipped 132,000 tons to the St. Lawrence ports. The trade in the Province of Quebec is expanding, and a little coal is gradually finding its way into Ontario.



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Parties interested in mining or rock work of any description will find this an excellent opportunity to equip their works with modern machinery as good as new. Some of the machinery has only been in use a little over three years, and some of it was placed in the summer of 1896.

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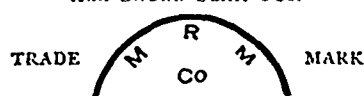
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