

managed and economic methods used the enterprise would no doubt have succeeded fairly well. The total product of those mines is variously computed at from \$3,000,000 to \$7,000,000 ; but however much the ore realized in the market it seems to be certain that the cost of production was a still greater figure. Labor was dear and uncertain ; scarcely any labor-saving machinery was employed ; transportation was a heavy charge ; the price of copper was steadily falling ; and altogether circumstances were adverse to mining operations in a frontier region thirty years ago. With the railway facilities which we now have, with rock drills and dynamite, and all the modern machinery of well equipped mines, the issue would no doubt have been different. The discovery a few years ago of extensive ore ranges in the country north of Georgian Bay carrying nickel and copper, and especially in the vicinity of Sudbury, has given a new and strong impulse to the mining industry of the Province. The first mine at Sudbury was opened only four years ago, and now three powerful companies are operating there, taking out and smelting about 450 tons of ore daily and giving employment to nearly one thousand men. In no other part of the world are there such valuable nickel mines as here, and the results of recent experiments in metallurgy have so satisfactorily demonstrated the utility of this metal that we may with confidence regard the Sudbury region as one of the most promising of all the mining regions of Canada, if not of the world.

