

The Gold Fields of New Ontario

By Walter Baelz, Assessor of Mines.

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I. In General.

The discovery of gold-bearing quartz veins in the neighbourhood of Porcupine in 1909 is the most important made in Ontario since the discovery of the nickel deposits of Sudbury in 1886 and the silver veins at Cobalt in 1903.

As mining in the new gold belts is only beginning it will be necessary to wait for many years before being able to indicate the full extent of the gold region. At present, however, an examination of the work already done is sufficient to convince one that this gold occurrence deserves more than passing notice. On account of the promise of the Porcupine belt the Government of the Province of Ontario has recently built a railway line almost to the Metagami River and it is proposed later to extend it toward the west.

In comparison with the Porcupine district the earlier discoveries at Swastika and Larder Lake are relatively less important. The following report is in general based upon observations in the Porcupine district.

The most important information regarding the Porcupine gold fields contained in a report by A. G. Burrows entitled "The Porcupine Gold Area" was published by the Ontario Bureau of Mines in 1911. Many other reports have appeared in the technical press, particularly in the Canadian Mining Journal, published in Toronto. In addition to these the Bureau of Mines has already issued a reconnaissance map of the Porcupine district on the scale of one mile to the inch. This map indicates the geology in the vicinity of the Hollinger and Dome and is accompanied by a brief geolo-

*Professor of Mineralogy, University of Toronto.