

whole country rock between the veins is a net-work of stringers and since this always contains traces of gold wherever there is the least sign of quartz stringer, it, therefore, appears as if the country rock between the various veins constituted a zone of mineralization. This zone attains a breadth of 420 meters on the properties of the Hollinger and of the closely related Timmins syndicate. Under present conditions ore occurring in large bodies and carrying 20 marks in gold to the ton may be mined with a profit. (1 mark=24 cents.) It seems, therefore, probable that a considerable part of this mineralized zone may be regarded as profitable ore.

Similar relationships are found to the northeast, at the McIntyre and Jupiter mines. Still farther to the northeast (Fig. 2), beyond the schistose porphyry the zone of veins appears to continue in the direction of the Scottish-Ontario mine. In this extension, however, the gold values are not so high.

A southwestern extension of the Hollinger vein zone was observed on the property of the Crown Reserve. Further extension toward the southwest can only be followed with difficulty, as the outcrops of the veins are frequently covered by enormous thickness of glacial material. The vein zone appears to include the free gold exposures of the Gray claims and of several adjacent claims. It then continues farther to the Pigeon Rapids of the Metagami River. A zone of veins has been observed in the midst of these rapids. This zone strikes in a northeasterly direction, has a width of 90 meters and on both sides of the river is hidden by a covering of young sediments. Assays of specimens broken off from under the water gave values in gold varying from two to 120 marks per ton. (One mark=24 cents.)

This exposure in the Metagami River caused many prospectors to seek for the continuation of this zone farther to the west and to the southwest wherever the older rocks were exposed. McAuley Bros. succeeded in June, 1911, in making a discovery in the southwestern part of Bristol Township. The zone of veins appears here in the form of a high ridge rising above the surrounding country and has been exposed partly by stripping and partly by blasting. In this way it