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## GOVERNMENT ROADS IN ONTARIO MINING DISTRICTS

Those who have opened up mining properties in Northern Ontario have as a rule little cause to be pleased with the roads built by the government. Very poor roads have been built and these generally after much delay. It is therefore of much interest to note that the government is now building good roads and building them quickly. In the Porcupine and Gowganda districts the prospectors are by no means satisfied with the treatment they have received. In the Kirkland Lake district, however, there is more cause to commend than to criticize the government's road builders. Under the direction of Mr. J. F. Whitson, a roadway was cut from Swastika to Kirkland Lake a distance of six and a half miles, in three weeks, and grading is now being rapidly and well done. If the present rate of progress is kept up there will soon be a good road on which it will be possible to transport heavy machinery. It is planned to dress and roll the road next summer and thus make a permanent highway that will be useful at all seasons of the year.

It is to be hoped that the work now being done on the Kirkland Lake road can be taken as an indication that better treatment is to be accorded the men who are opening up New Ontario.

## GEOLOGICAL MAP OF GOWGANDA MINING DIVISION

The Geological Survey has just published what promises to be a very useful map covering twenty-eight townships in the vicinity of Gowganda, Nipissing district. Mr. W. H. Collins worked in this area during 1908-1910, and the information gathered by him has thus been made accessible. The maps made by Mr. A. G. Burrows for the Ontario Bureau of Mines, have also been an important source of information. The map is colored to show subdivisions of the Keewatin as well as of the Huronian. The succession is given as Keewatin, Huronian, Keweenawan and Pleistocene. Masses of granitic and gneissic rocks are called Laurentian Rhyolite and rhyolite tuff is colored separately and placed in the legend, below the Huronian.

The map includes the district from Shining-tree Lake on the west, to Elk Lake on the east. Gowganda, Hangingstone, Everett, Duncan, Bloom and Stony lakes and the connecting canoe routes travelled by many prospectors in the Gowganda rush, are in the area mapped.