



AT DIXON MINE, PORCUPINE, ONT.

An outcrop of ellipsoidal Keewatin greenstone.

ming. Several exposures near the shore were examined, and the sail on the lake proved very enjoyable.

#### Visit to Kirkland Lake.

While the greater number were on the lake, fifteen members of the party went on by special train to Swastika to see the recently discovered gold deposits at Kirkland lake, described in the July 15th issue of the Journal. At the station, Mr. Foster had stages awaiting the party. The road has been only recently made and is not yet completed, and the visitors were able to see a Northern Ontario mining camp in the making. The first few miles are fairly good for a new road, but for some reason the work has been discontinued about one mile from the Tough-Oakes mine, and is almost impassable for loaded wagons. The visitors, however, were men used to rough tramping, and were much pleased with their journey out. It offered an excellent opportunity to judge of the char-

acter of the country in which the new finds have been made and presented some of the difficulties to be encountered by those who are opening up the district.

The property was reached late in the afternoon, and Messrs. Foster, O'Connell and Hotchkin aided Mr. Burrows, who is making a geological study of the district for the Ontario Bureau of Mines, in pointing out the geological features. The veins and the country rock were closely examined, and many interesting specimens obtained. In the article published in the July 15th issue, the writer called attention to an abundance of black graphitic material in the ore. Mr. Foster stated that analyses show this to be partly, and perhaps wholly, molybdenite. Specimens were obtained, which show the characteristic features of this mineral, and Dr. Walker suggested that some of the black graphitic looking material may be a mixture of molybdenite with crushed rock. Mr. Chas. Spearman stated that tests on some of the material showed



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Keewatin greenstone showing ellipsoidal structure characteristic of submarine volcanic rocks.