



#### AT COBALT, ONT.

##### Examining the wall rocks of the Little Silver vein Nipissing mine

vein during the past few months has been very disappointing. It is planned to drain the lake this summer, to allow of recovery of ore under Kerr Lake. The necessary preparations are now being made, and it is expected that in two months after the pumps are started, the water will have been removed.

After coming up from the mines the members were entertained by Mrs. Cohen at Crown Reserve, and Mrs. Rogers at the Coniagas. Tea was served, and a very pleasant half-hour was spent before returning to the train.

In the evening the local branch of the Canadian Mining Institute, tendered the visitors a reception at Massey Hall. Mr. A. A. Cole described some of the characteristic features of the silver veins, illustrating his talk by projected views of some of his excellent underground photographs. Mr. Fraser Reid presented a much appreciated paper on the treatment of the Cobalt silver ores. Chairman Neelands called upon some of the visitors for a few remarks. Mr. Chas. McDermid, Secretary of the Institute of Mining and Metallurgy; and Mr. G. A. J. Cole, Director of the Geological Survey of Ireland, commented on the remarkable rich-

ness of the Cobalt mines, and were pleased to have an opportunity of thanking the citizens of Cobalt for the splendid reception accorded the excursionists.

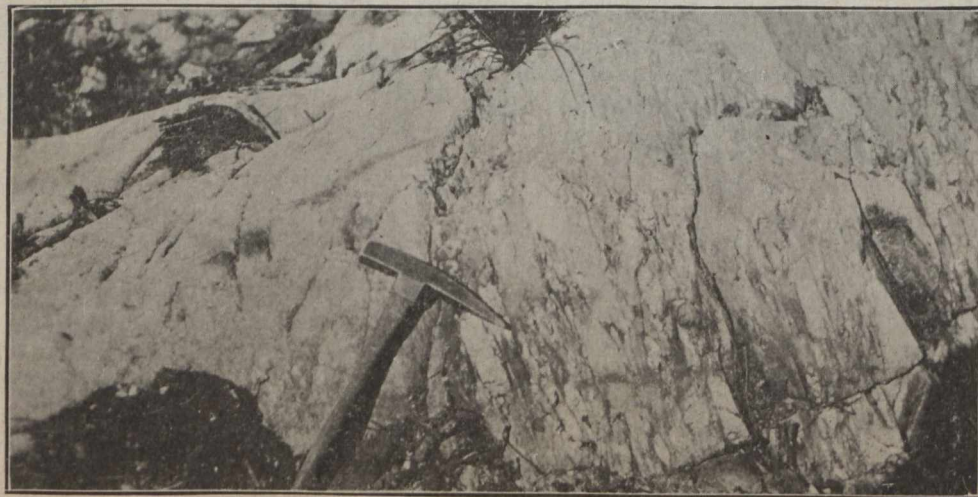
Refreshments were then served, and dancing concluded a very much appreciated evening's entertainment.

On Tuesday morning those who had visited the Timiskaming and Crown Reserve, went underground at the Coniagas mine. Here the best example of the mode of occurrence of the silver ore was seen. The party was conducted through the stopes, and saw the numerous thin but rich vertical veins in the sedimentary rocks. The method of mining these was described in the August 1st issue of the Journal.

#### Nipissing High Grade Plant.

While some were underground at the mines others were taken through the remarkable plant in which the high-grade silver ore of the Nipissing mine is so successfully treated by a combined amalgamation-cyanidation process which will be described in a later issue of the Journal.

In the afternoon the train proceeded to Haileybury, and a steamer trip was taken down Lake Timiska-



#### AT DOME MINE, PORCUPINE; ONT.

Contact of ellipsoidal Keewatin greenstone, at left, with Timiskaming conglomerate, at right.