

# THE CANADIAN MINING JOURNAL

VOL. XXXIII.

TORONTO, March 1, 1912.

No. 5

## The Canadian Mining Journal

With which is incorporated the  
"CANADIAN MINING REVIEW"

Devoted to Mining, Metallurgy and Allied Industries in Canada.

Published fortnightly by the

### MINES PUBLISHING CO., LIMITED

Head Office . . . . . 17-21 Manning Arcade Annex, Toronto

Branch Office . . . . . Montreal, 425 Coristine Building

London Office . . . . . Walter R. Skinner, 11-12 Clement's Lane  
London, E.C.

U. S. A. Office - Ward & Smith, 931 Tribune Building, New York

Editor

J. C. MURRAY, B.A., B.Sc.

SUBSCRIPTIONS--Payable in advance, \$2.00 a year of 24 numbers, including postage in Canada. In all other countries, including postage, \$3.00 a year.

Advertising copy should reach the Toronto Office by the 8th, for issues of the 15th of each month, and by the 23rd for the issues of the first of the following month. If proof is required, the copy should be sent so that the accepted proof will reach the Toronto Office by the above dates.

#### CIRCULATION.

"Entered as second-class matter April 23rd, 1908, at the post office at Buffalo, N.Y., under the Act of Congress of March 3rd, 1879."

#### CONTENTS.

Editorials . . . . .	141
(a) Welcome. . . . .	141
(b) The Picturesque Mr. Hooley . . . . .	141
(c) The Trethewey Statement . . . . .	142
(d) Queen's University . . . . .	143
(e) The Investor . . . . .	143
(f) The British Coal Strike . . . . .	144
Correspondence . . . . .	145
Opportunities in the West . . . . .	148
Opportunities in the Iron Industry in Canada, by A. B. Willmott . . . . .	148
Northern Ontario—The Land of Promise, by Ben. Hughes. . . . .	150
Mineral Occurrences and Investment Opportunities, by L. O. Armstrong . . . . .	152
To the Investor . . . . .	153
Extracts from Report of the Brule Lake Coal Claims, by James McEvoy . . . . .	155
Mining and Milling in the Joplin District, by J. J. McLellan . . . . .	159
Electric Power for Underground Winding and Hauling Engines . . . . .	165
The Development of Fine Grinding in Connection with Gold Ore Treatment, by Henry Hanson . . . . .	166
Determining the Angle of Diamond Drill Holes, by G. C. Bateman . . . . .	167
Vein Formation in Cobalt, by J. B. Tyrrell . . . . .	171
Personal and General . . . . .	172
Special Correspondence, etc. . . . .	173

#### WELCOME.

Toronto has welcomed many delegations of mining men. Never before, however, has the public been so alive to the importance of the mining industry, or so interested in the proceedings of the Canadian Mining Institute.

To our English, American and other visitors from afar, we extend the warmest greetings. It may be taken for granted, no doubt, that all will have a profitable time. We hope, however, that every Canadian member of the Institute will do his best to see that our visitors lack nothing.

Here we may repeat a suggestion that has been made before. It will be well for the older members to make a point of seeing that the younger men are hospitably entreated and generally introduced to each other. To the man who knows only one or two faces in the gathering, the sessions are gloomy affairs, indeed.

Those of the visitors who wish to inspect mining districts other than Cobalt and Porcupine can easily arrange to do so. Many other Ontario mines are easily reached from Toronto. This should be borne in mind and brought to the attention of the Secretary at an early hour.

Upon all we urge the propriety of prompt and consistent attendance when papers are being read and discussed. And by all means let every member who has anything to contribute to a discussion say it promptly. The papers are merely points round which discussion should crystallize. Their value can be immensely enhanced if the several points of view are placed on record with them.

\* \* \* \* \*

The Institute has never yet held an Annual Meeting that has not been the best on record. Let us see to it then that March 6th, 7th and 8th go down in history as red-letter days.

#### THE PICTURESQUE MR. HOOLEY.

Canada has bred a few thorough-paced financial pirates, and has imported more. In this country, however, their field has been restricted. Partly by our relative purity and partly by our reprehensible lack of imagination, we have never produced a Thomas W. Lawson or an Ernest Terah Hooley.