

# THE CANADIAN MINING JOURNAL

VOL. XXXIII.

TORONTO, June 1, 1912.

No. 11

## 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 - Room 36, Canadian Birkbeck Building, 10 Adelaide Street East, 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.

Contributing Editor

H. MORTIMER-LAMB

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.

	Page
Editorials . . . . .	357
The International Geological Congress . . . . .	357
The Pantologist . . . . .	358
Mine Reports . . . . .	358
The Jupiter Report . . . . .	359
Silver . . . . .	359
Sie Transit . . . . .	359
Compensation . . . . .	360
Editorial Notes . . . . .	360
Personal and General . . . . .	361
The Law of the Pay-Streak in Placer Deposits, by J. B. Tyrrell . . . . .	362
Personal and General . . . . .	368
Bear River Coal Field, B.C., by C. F. J. Galloway (concluded) . . . . .	368
Technical Writing—Some Suggestions for Students . . . . .	371
International Geological Congress Programme . . . . .	372
Provision for Mine Rescue Work in B.C. . . . .	375
Portland Canal Mining Company, B.C. . . . .	376
A Simple Dynamite Thawer, by W. H. DuBlois . . . . .	379
Special Correspondence . . . . .	380

## THE INTERNATIONAL GEOLOGICAL CONGRESS.

The first circular issued by the secretary of the International Geological Congress Committee has just been received.

As our readers know, the Congress will hold its twelfth meeting in Canada next August. Toronto will be the place of meeting. Before, during and after the meeting excursions will be organized.

Brief mention of these excursions, which will constitute the most important feature of the Congress, is not out of place.

The pre-meeting excursions are twelve in number, and are so arranged as to give the delegates the choice of examining one or more localities of geological and mining importance. For instance, although it will not be practicable for one person to join more than two or three of these excursions, yet he can readily make his plans so that he will see interesting mines or geological exposures at various places all the way from Halifax to Toronto. The geologist, the paleontologist, and the mining engineer, can pick his route to suit himself, although, of course, all three will overlap to a greater or less extent.

To the Maritime Provinces ten days are to be devoted; to the Haliburton-Bancroft area, Ontario, nine days; and to the Sudbury-Cobalt-Porcupine regions, twelve days. These longer journeyings are booked for about the same date, but there are nine shorter trips, one day to three days, from which those who participate in the former may choose.

During the period that the Congress is in session, in Toronto, a number of visits will be paid to places within easy reach of the city. As the session lasts for eight days, there will be ample time for these.

Immediately after the meeting four transcontinental excursions will leave Toronto. The details in these instances are being carefully elaborated. The delegates may travel over the C.P.R., the C.N.R., or the G.T.P. A great range of choice has been provided, and it is expected that not a few of the visitors will take advantage of the occasion to visit northern British Columbia and the Yukon, in addition to crossing the continent.

It may be noted here that the railway and steamship companies have expressed their willingness to do all that lies in their power to aid the excursionists. This means much. Every effort will be made to cut down expenses and to provide for the comfort of the visitors.

The meeting of the Congress will be an event of world-wide importance. Before the last meeting in Sweden, the Executive Committee compiled a monumental series of volumes on the iron ore resources of