

THE CANADIAN MINING JOURNAL

VOL. XXXVIII.

TORONTO, April 15th 1917.

No. 8

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 263-5 Adelaide Street, West, Toronto

Branch Office 600 Read Bldg., Montreal

Editor

REGINALD E. HORE

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.

Editorial	165
Correspondence	167
Report of Ontario Nickel Commission	168
Building the Nickel Refinery at Port Colborne	173
Uses of Nickel	174
The Creighton Orebody, by C. W. Knight	175
Mining Methods at Creighton, by T. F. Sutherland	178
Personal and General	181
Special Correspondence	182
Markets	386

THE NICKEL COMMISSION'S REPORT.

The report of the Royal Ontario Nickel Commission is summarized in this issue. Our readers will agree that very valuable work has been done and that the Province has been well repaid for the expenditure undertaken. The work has been arduous, but of great interest to the Commissioners and those who have assisted them, and has been accomplished in a masterly way. The choice of Commissioners has proven to have been an unusually wise one.

Few men are so well qualified to report on the Sudbury nickel industry as are Dr. Miller and Mr. Gibson. They have for years followed the struggles of prospectors and operators in their endeavors to establish industries in Northern Ontario. They have not been satisfied with simply recording the progress made; but have played an important part in the progress. They have not only kept themselves well informed and performed well the work which their positions call for; but have been ever ready to assist and encourage the pioneers. Through their kindly sympathy, their clear grasp of the situations that have arisen and their ability and willingness to help in overcoming difficulties, these two men have been a big factor in developing Northern Ontario. Happily also they have regarded before all else the best interests of the Province they serve and have not allowed their sympathy with the pioneers to prevent them from viewing clearly the interests of other citizens. While guarding especially the interests of the mining fraternity they have guarded also the common interests of the people of the Province.

Mr. Holloway brought to the Commission little special knowledge of conditions in Northern Ontario; but he brought a wealth of experience in metallurgical problems. His painstaking study of the nickel industry since he was appointed chairman of the Commission has enabled him to place before the Canadian public a masterly treatise on nickel and to give advice of great value to the Legislative Assembly of Ontario.

Mr. Young brought to the Commission valuable experience in legal matters. It is not easy to identify his contributions to the report; but we have no doubt that his services were of great value and that his knowledge of company matters and his study of the titles to the properties, of the dealings between the companies and the Province and of the system of taxation have been of much assistance in the inquiry and in formulating opinions.

While the Commissioners and the Secretary as individuals are entitled to great credit it is not difficult to see that a great deal of the credit belongs to the Ontario Bureau of Mines. The members of the staff of this exceptionally efficient Government Bureau have ably assisted in the work.