

THE CANADIAN MINING JOURNAL

THE OFFICIAL ORGAN OF THE CANADIAN MINING INSTITUTE

VOL. XXIX.

TORONTO and MONTREAL, February 1, 1908

No. 3

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 - Confederation Life Building, Toronto.

Branch Offices Montreal, Halifax, Victoria, and London, Eng.

Editor:

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

Business Manager:

J. J. HARPELL, B.A.

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 the 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.

SPECIAL CONTRIBUTORS

GEOLOGY: Dr. Frank D. Adams, McGill University; Dr. A. E. Barlow, late of Geological Survey of Canada; Professor Willett G. Miller, Provincial Geologist of Ontario; Dr. J. E. Woodman, Dalhousie University, Halifax, N.S.

CHEMISTRY: Dr. W. L. Goodwin, Director School of Mining, Kingston, Ontario; Milton Hersey, M.Sc., Official Analyst Province of Quebec.

MINERALOGY: Professor W. Nicol School of Mining, Kingston, Ontario.

MINING: S. S. Fowler, M. E., Nelson, B. C.; Frederick Keffer, M.E., Anacoda, B.C.; A. B. Willmott, M.E., Sault Ste. Marie, Ont.; J. C. Gwillim, M.E., School of Mining, Kingston, Ont.; J. Obalski, Inspector of Mines, Quebec; J. Bonsall Porter, M.E., McGill University; John E. Hardman, M.E., Montreal; Fritz Cirkel, M.E., Montreal; H. Mortimer-Lamb, Sec'y C.M.I., Montreal; George W. Stuart, M.E., Truro, N.S.

METALLURGY: Hiram W. Hixon, M.E., Mond Nickel Company, Victoria Mines, Ontario; Stafford F. Kirkpatrick, School of Mining, Kingston, Ontario; A. P. Scott, Dominion Iron & Steel Co., Cape Breton.

COAL: Hon. Robert Drummond, Stellarton, N.S.

NATURAL OIL AND GAS: Eugene Coste, M.E., Toronto, Ont.

CEMENT: Manley Baker, M.A., School of Mining, Kingston, Ont.

CONTENTS

	Page.
Editorial.....	673
Geological Society of America, Annual Meeting.....	675
Nominations Can. Mining Institute.....	679
Sudbury-Soo Copper Ores.....	680
Mineral Resources of United States.....	681
Mineral Production in British Columbia.....	683
Development of Lash Process in Soft Steel.....	684
Fuels of British Columbia.....	685
Mining in the Kootenays.....	688
Tube Mills.....	689
Book Reviews, Exchanges, Etc.....	690
Personal and General.....	693
Correspondence.....	694
Mining News of the World.....	698

ASSISTANCE TO PROSPECTORS.

Mr. J. B. Tyrrell, whose thoughtful articles we are always glad to publish, has recently made a practical and helpful suggestion. The railway companies every year grant special rates to sportsmen. Hundreds of townspeople, mostly the well-to-do, leave town during the fishing and hunting seasons. To these folk the railways offer special inducements. Reduced rates are given. Attractive folders, containing information regarding lake and river fishing, or describing the haunts of moose and deer, are widely distributed.

This policy is profitable to the railways and to those in search of recreation. But of infinitely greater profit to the country at large would it be were the railways to use similar means to encourage prospectors to explore the virgin fields of all our Provinces.

If specific geological and topographical data could be obtained from the railway offices, and if the inducements of cheap rates and special trains were held out, there is no doubt that many persons, now unable to afford the outlay, would spend their holidays not in the wanton destruction of animal life, but in searching for valuable minerals—an employment that cultivates mind and body alike.

A movement of this kind will meet with the warmest approval and co-operation of all mining men. The Canadian Mining Institute will be able and willing to contribute effective assistance.

This appears to us to be one practical method of encouraging the prospector. There are, no doubt, other means just as good. Therefore we shall be glad to receive letters from any of our readers who have given the subject thought.

EXPANDING MARKETS.

THE CANADIAN MINING JOURNAL is constantly receiving enquiries for ores of rare metals. Amongst the most urgent enquiries have been several from the United States for molybdenum ores. An editorial note to this effect in a recent issue elicited many answers. A few of these answers were interesting. Most of them, however, were vague and meaningless. A large proportion of the properties referred to were totally undeveloped and of unknown value. Moreover, their owners were unwilling to spend money in ascertaining their extent and character, and were holding them with a view to effecting their sale at figures unreasonably large.

Instead of securing the opinion of a mining engineer who could advise concerning development and who could evaluate the property when developed, the owners prefer