

THE CANADIAN MINING JOURNAL

THE OFFICIAL ORGAN OF THE CANADIAN MINING INSTITUTE

VOL. I, No. 15, New Series

TORONTO and MONTREAL, October 15, 1907

Old Series, Volume xxviii, No. 17

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 Offices - Confederation Life Building, Toronto,
and 171 St. James Street, Montreal.

Branch Offices Halifax, Victoria, and London, Eng.

Editor:

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

Associate Editor, H. MORTIMER-LAMB, Secy. C.M. Inst.

Business Manager - - - J. J. HARPELL, B.A.

Circulation Manager - - - A. P. DONNELLY, 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.; Fredrick Keffer, M.E., Anacanda, B.C.; A. B. Willmott, M.E., Sault Ste. Marie, Ont.; J. C. Gwillim, M.E., School of Mining, Kingston, Ont.; J. Bonsall Porter, M.E., McGill University; John E. Hardman, M.E., Montreal; Fritz Cirkel, M.E., Montreal; Dr. E. Gilpin, Department of Mines, Halifax, N.S.; 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.....	449
Magnetite Mines of Hastings Co.	451
Wildcats and the Press.....	453
Nomenclature of Iron and Steel.....	455
Ore Shoot Development in N. S.....	457
Travelling Correspondent's Notes	459
Erzberg of Eisenerz.....	460
The Emma Mine.....	463
Book Reviews.....	465
Gypsum Products of 1906	466
Personal and General	471
Correspondence.....	472
Mining News.....	474
Statistics, etc.....	477

SOPHISTRY.

The *Toronto Evening Telegram*, in a recent editorial, contends that, so long as newspapers reserve the right of criticism, they can fairly and honestly sell space to legally constituted mining companies.

Preliminarily we may remark that the *Telegram* has kept its columns clean—cleaner considerably from the taint of dishonest mining advertisements than, for instance, has the *Globe* or the *World*. Its argument, therefore, we may respect, even though we fail to agree with it.

Our reasons for differing from the *Telegram* may be brought out by an instance from real life. The *Globe* of October 2nd publishes an advertisement of a mining stock. The character of this advertisement is fully explained in this issue of THE CANADIAN MINING JOURNAL. Briefly, it is dishonest and illegal. It occupies slightly more than one-half page in the *Globe*.

The *Globe* of Monday, October 7th, points an accusing finger at a contemporary for publishing racing tips of a nature calculated to part a callow youth from his money.

Now the *Telegram* will admit that unless care is exercised in the publication of mining advertisements, more harm and more loss can easily result to a greater number of all sorts and conditions of people than could be possible in the case of a race track tip. The latter appeals to a limited class. The former are so coated and glazed that they appeal to the whole reading public.

We fail to see that the *Telegram* can justify by means of logic a contention that its own honesty has not permitted it to put into practice.

Our country has suffered far too much hurt from wildcats. THE CANADIAN MINING JOURNAL believes that they will be exterminated only by a plain statement of the truth. It is too late in the day to indulge in vague moralizing. It is also too late to allow the observance of the pleasant little courtesies and anonymities of journalism to interfere with a clear understanding of the situation.

COAL CUTTING MACHINERY.

Established customs and usages die hard. Great Britain has become, quite unjustly, proverbial for the reluctance with which innovations are accepted. In the United States the pendulum swings to the other extreme. New machinery, for instance, is not infrequently installed in place of old, merely because it is new. Canada is not free from either of these extremes. Mining companies very often make lavish purchases of untried ma-