Tough Strong



(TRADE-MARK REGISTERED)

- NOTE -All genuine HERCULES has one colored strand to protect consumers against inferior grades

It is the Toughest and Strongest Rope made for

HOISTING and HAULAGE IN MINES, QUARRIES, Etc.

Inclined, Surface and Underground Wire Rope HAULAGE Outfits.

- ALSO

AERIAL WIRE ROPE TRAMWAYS
For transporting Ore, etc.

A. LESCHEN & SONS ROPE CO.

920-922 No First St., ST. LOUIS, Mo. Branches—New York Chicago Denver

Safe

Durable

Canada Atlantic Ry.

THE SHORT FAVORITE ROUTE

Ottawa and Montreal.

Sunday Train Both Directions

PULLMAN BUFFET PARLOR CARS

Close Connections at Montreal with Trains for

Quebec, Halifax, Portland

And all Points EAST and SOUTH.

FAST THROUGH SERVICE BRTWEEN

Ottawa, New York and Boston And all NEW ENGLAND POINTS

Through Bullet Sleeping Cars between Ottawa and New York

Baggage checked to all points and passed by customs in transit. For tickets, time tables and information, apply to nearest ticket agent of this company or connecting lines.

W. P. HINTON.



CANADIAN MINING INSTITUTE

Incorporated by Act of Parliament 1898

AIMS AND OBJECTS.

(A) To promote the Arts and Sciences connected with the economical production of valuable minerals and metals, by means of meetings for the reading and discussion of technical papers, and the subsequent distribution of such information as may be gained through the medium of publications.

(B) The establishment of a central reference library and a headquarters for the purpose of this organization.

(a) The establishment of a central reference horary and a headquarters for the purpose of this organisation.
(C) To take concerned action upon such matters as effect the mining and metallurgical industries of the Dominion of Canada.
(D) To encourage and promote these industries by all lawful and horacyclic meanly the meanly and the contract of the

honourable means.

MEMBERSHIP.

MEMBERSHIP.

MEMBERS shall be persons engaged in the direction and operation of mines and metallurgical works mining engineers, geologists, metallurgists, or chemists, and such other persons as the Council may see fit to elect.

STUDENT MEMBERS shall include persons who are qualifying themselves for the profession of mining or metallurgical engineering, students in pure and applied science in any technical school in the Dominion, and such other persons, up to the age of 25 years, who shall be engaged as apprentices or assistants in mining, metallurgical or geological work, or who may desire to participate in the benefits of the meetings, library and publications of the Institute. Student Members shall be eligible for election as Members after the age of 25 years. Institute. Student the age of 25 years.

SUBSCRIPTION.

PUBLICATIONS.

Vol. I, 1898, 66 pp., out of print.
V. 1. II, 1899, 285 pp., bound red cloth.
Vol. III, 1900, 270 pp., "

Vol. IV, 1901, 333 pp., "

Vol. V. 1902, 700 pp., "

Vol. VI, 1903, 600 pp., now in press.

Membership in the Canadian Mining Institute is open to everyone interested in promoting the profession and industry of mining without qualification or restrictions.

Forms of application for membership, and copies of the Journal of the Institute, etc., may be obtained upon application to

THE SECRETARY, Orme's Hall, Ottawa

STEEL FOUL DRY CO. HADFIELD'S

HECLON ROCK & ORE BREAKER

HADFIELD AND JACK'S PATENT

THE ONLY PERFECT GYRATORY STONE-CRUSHER

THE PARTS THAT ARE SUBJECT TO EXCESSIVE WEAR ARE MADE OF

HADFIELD'S PATENT "ERA" MANGANESE STEEL

WE MANUFACTURE JAW BREAKERS, CRUSHING ROLLS, ELEVATORS, BIN GATES, AND GOLD MINING REQUISITES.

Sole Representatives in Canada

PEACOCK BROTHERS, Canada Life Building, Montreal.

