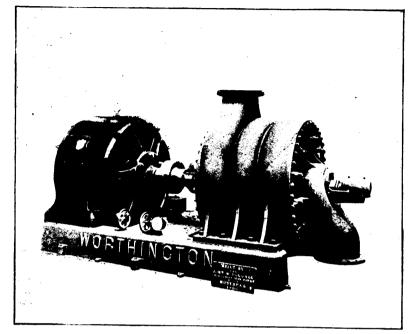
## The JOHN McDOUGALL Caledonian Iron Works Go. Limited. MONTREAL, P.Q.



## **Boilers**

All Sizes and All Pressures. Prompt Delivery.

## Tanks

Water Tanks, Penstocks, Steel Rivetted Pipe, Etc.

## Forgings

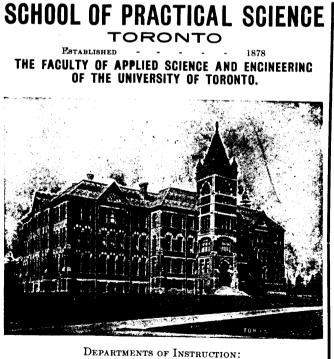
Dredge Teeth, Bucket Arms, Etc.

## Machinery

Complete Power Plants built and installed.

14"-3 Stage Worthington Turbine Pump, Capacity 5 million gallons per 24 hrs.

# Sole Manufacturers in Canada for WORTHINGTON Turbine Pumps and DOBLE Impulse Water Wheels.



Civil Engineering. Mining Engineering.

Engineering.

4-Architecture. 5-Analytical and Applied

Mechanical and Electrical Chemistry.

6-Chemical Engineering.

Special attention is directed to the facilities possessed by the school for giving instruction in Mining Engineering. LABORATORIES:

1—Chemical. 3—Milling and 4—Steam. 6—Electrical. 2—Assaying Ore Treatment 5—Meteorological 7—Testing. A Calendar giving full information, and including a list showing the positions held by graduates, sent on application.

A. T. LAING, Registrar.

### CANADIAN MINING INSTITUTE

Incorporated by Act of Parliament 1898.

### AIMS AND OBJECTS.

(A) To promote the Arts and Sciences connected with the (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.

(C) To take concerted action upon such matters as affect the mining and metallurgical industries of the Dominion of Canada.
 (D) To encourage and promote these industries by all law-ful and honourable means.

### 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 ing, 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 ofter the age of 25 years.

#### SUBSCRIPTION.

Member's yearly, subscription. Student Member's do	\$10.00
PUBLICATIONS.	
Vol. I. 1898, 66 pp., out of print Vol. II, 1899, 285 pp., bound red cloth Vol. III, 1999, 270 pp. hound red cloth	Vol. V, 1902, 700 pp., bound. Vol. VI, 1903, 520 pp., bound.

vol. 111, 1900, 270 pp., bound red cloth vol. v1, 1903, 520 pp., bound. Vol. IV, 1901, 333 pp., bound. Morehender

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

H. MORTIMER-LAMB, Secretary, Montreal.