

FOR SALE

## SILVER AMBER MICA PROPERTY

In Eastern Ontario. Has produced over 5,500 pounds of Thumb Trimmed Mica up to 8 by 10 inches in size. Eleven feet of a vein of pink calcite (pink lime). Terms and particulars on application.

F. E. LEUSHNER,

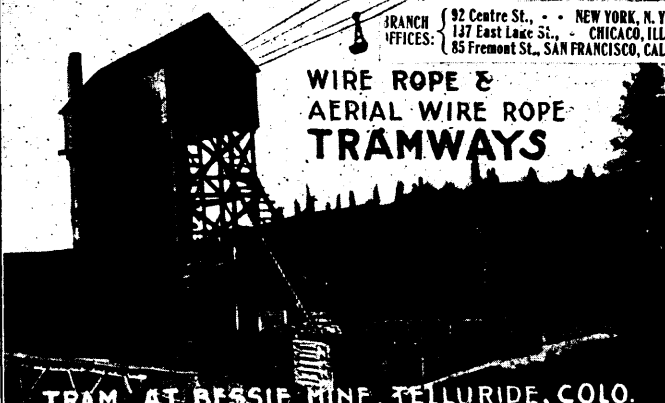
Room 12, James Bld., TORONTO, Canada.

**A. LESCHEN & SONS ROPE CO.**  
920-922 N. 1<sup>ST</sup> STR. ST. LOUIS, MO.

BRANCH OFFICES: { 92 Centre St., - NEW YORK, N. Y.  
137 East Lake St., - CHICAGO, ILL.  
85 Fremont St., SAN FRANCISCO, CAL.

**WIRE ROPE & AERIAL WIRE ROPE TRAMWAYS**

TRAM AT BESSIE MINE, TELLURIDE, COLO.



Are You Confronted with a  
Difficult Ore-Separating Problem?

## THE WETHERILL MAGNETIC SEPARATING PROCESS

May Prove the Solution

...APPLY TO...

WETHERILL SEPARATING CO., 52 Broadway, New York

Manufacturing Agents for Canada, ROBERT GARDNER & SON, Montreal, P.Q.

## Canada Atlantic Ry.

THE SHORT FAVORITE ROUTE  
BETWEEN

Ottawa and Montreal.

**4 TRAINS DAILY 4**  
EXCEPT SUNDAY

And 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 BETWEEN

Ottawa, New York and Boston

And all NEW ENGLAND POINTS

Through Buffet 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.

E. J. CHAMBERLIN, General Manager. C. J. SMITH, Gen. Traffic Manager.  
W. P. HINTON, Gen'l Passenger Agent. J. E. WALSH, Ass. Gen. Passenger Agt.

## EIGHTH MONTHLY DIVIDEND, Feb. 15th

WILL BE PAID BY THE

**60%** California-Nevada Mining Co.  
**PER ANNUM GUARANTEED**

on Par Value of Stock when Mill is completed.

PRESENT DIVIDEND 1 PER CENT. PER MONTH ON PAR VALUE UNTIL MILL IS COMPLETED.

\$20,000,000. BLOCKED OUT A 200-TON PER DAY PLANT  
READY FOR THE MILL, and the CONTRACTED FOR and will be  
Hoodlum Claim, which adjoins the in full operation not later than  
Old Victor Mine, yet to figure on. April 1st, 1903.

PRESENT PRICE \$1.00 PER SHARE. Fully paid and non-assessable.

Do not fail to investigate this proposition, for the more you investigate the more stock you will want. Write for prospectus.

W. H. BALDWIN & CO., Brokers and Financial Agents 49-50-51-52 VOLCKERT BLDG., ALBANY, N. Y.  
REFERENCE—Bradstreet's and Dun's Agencies; State Bank and Trust Company, Los Angeles, Cal.; any mining journal of the state or prominent mining men.



## 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.

(C) To take concerted 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 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 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.

### SUBSCRIPTION.

Members yearly subscription.....\$10 00  
Student Members do ..... 2 00

### PUBLICATIONS.

Vol. I, 1898, 66 pp., out of print.  
Vol. 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

B. T. A. BELL, Secretary,  
Orme's Hall, Ottawa.