

DON'T JUMP INTO AN IRON MINE — MUCH LESS A GOLD OR SILVER ONE

Without at least knowing SOMETHING about minerals. It may require months and perhaps years to obtain by costly experience the rudimentary knowledge so essential to success. Living in a country rich in minerals of all kinds, you should know whether you intend to mine or not. **How to Prospect. How to test Ore-bearing Rock. How to Assay.**

A Pleasant Course of Study.

Classes in English and in French are being formed weekly, in which pupils will be taught to distinguish the various minerals, how to find them, how to make quick camp assay tests, how to pan and how to outfit for the field. For a personally attended course of six lessons \$5.01.

For those unable to attend personally, a correspondence course has been arranged, which can be made as useful and profitable as a personally conducted course. Terms, \$10 for the course, including a testing outfit and a set of mineral specimens.

Its aims is, as far as possible, to give a demonstration of the mineral wealth of Canada, from the Atlantic to the Pacific, from Nova Scotia to the Yukon.

Canadian Mining Exhibit Company, (Limited).

650 Craig Street,
MONTREAL.

A College Course not Necessary.

The Company requests prospectors and claim-owners to send samples of their minerals, with full details and price of location.

It makes assays by its own assayer, and provides confirmatory assays by any of the best-known assayers.

It supplies Camping Outfits, Tools and the latest appliances in Mining Machinery.

It conducts training classes for intending prospectors and a Correspondence Course for those unable to personally attend in the city.

Write for further particulars and start at once.

Turbine AND Cascade **WATER WHEEL**

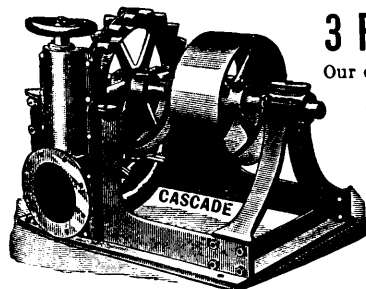
Adapted to all Heads from

3 Feet to 2000 Feet

Our experience of **33 YEARS** building Water Wheels enables us to suit every requirement of Water Power Plants. We guarantee satisfaction.

Send for a Pamphlet of either Wheel and write full particulars.

James Leffel & Co.
SPRINGFIELD, OHIO, U.S.A.



Wm. J. Trethewey, E.M.

Maurice A. Bucke, M.E.

TRETHEWEY & BUCKE, MINING ENGINEERS

Fifteen years' experience
Silver Lead Mining. . .

Codes: Moreing & Neal's; "Bedford-McNeill." Cabl address, "WARRUS."

Specialties — Reports, Mine Management, Underground Plans and Models.

Departments in—Provincial Land Surveying, J. M. R. Fairbairn, F.L.S.

Assaying—James Cook, G.A.C., late of Tharsis Sulphur & Copper Co.

OFFICES:

VANCOUVER, B.C.

KASLO, B.C.

ENGRAVINGS! Portraits! Buildings! Scenery!

Fac-similes of Signatures, Letters and Engravings of all kinds for Book and newspaper Printing. Map Engravings from Tracings. Also Reproductions from Photographs, Brush Drawings and Prints. Fine Book and Catalogue Illustrations. Good Work at Low Prices.

SPIKE BROS.' COMPANY, TACOMA, WASH.

FOR MINING SUPPLIES

Send your orders or Write for prices to

Thos. Dunn & Co., Ltd.

We have the Largest Stock of this class of Goods on the Coast—Steel Picks, Shovels, Hammers, Coal, Wire Rope, Manila Rope, Blocks, Dynamite, Fuse Caps.

VANCOUVER, B.C.

HOWARD WEST MINING ENGINEER

(Associate of Royal School of Mines, London, Eng.)

Properties examined and reported on for intending purchasers. Three years in the Kootenay. A.B.C. Code.

Bellevue Ave.,

NEW DENVER, B.C.

TO THE MINING PUBLIC.

We have opened an Assay Office, Room 69, Five Sisters Block, Victoria, B.C. Samples of ores treated by a new scientific process. We abandoned the old system which is unreliable and expensive. Cyanide plants erected. Properties reported on. Cut-rate prices and quick work our motto. **J. KNOWLES & COMPANY**, Australasian Metallurgists, late from Australia and South African Gold Fields. Assays and analysis on Coal, Water, Oils, Paints, Food, Drugs, etc. Charges moderate

The Kamloops Mining & Development Co.

(Limited Liability.)

C. C. WOODHOUSE, JR., Min. Eng. & Assaye
H. E. D. MERRY, Metallurgical Chemist
FRED M. WELLS, Mine Examiner.

DIRECTORS:

H. E. FORSTER, - President.
C. C. WOODHOUSE, JR., - Secretary.
F. M. WELLS.

CHEMICAL LABORATORY AND ASSAY OFFICE
ROSSLAND, B. C.

Mining - Properties - Examined
Reports made with maps and photographs.
We are ready to supply investors with good properties.



Telegraph Address:
"Woodhouse, Rossland."
Mining Code:
"Bedford McNeill"

C.C. Woodhouse Jr.

BRITISH COLUMBIA SMELTING & REFINING CO.

— BUYERS OF —

GOLD, SILVER AND COPPER ORES.

Correspondence Solicited. Smelter & Offices, Trail, B.C.