

Temagami Iron Mine To Go Underground

North American Rare Metals is going underground at its Temagami area iron property.

The decision to sink a shaft and embark on a \$1 million development program follows extensive surface diamond drilling, metallurgical tests and intensive studies of the various economic aspects of production, transportation and marketing.

"We feel that we can turn out high grade iron pellets that will be fully competitive with other iron ore producers," W. A. Carter, general manager, said. The unit-form nature of the big deposit, coupled with the favorable geographical location, are cited in this regard.

A contract was let this week to R. F. Fry and Associates for a 3-compartment shaft to be put down to an initial depth of 1,250 ft. A minimum of 4,000 ft. of lateral work is to be undertaken on the 1,200-ft. horizon, together with extensive diamond drilling. This will permit the taking of large bulk samples for full scale pilot plant tests. Equipment and supplies for collaring the shaft are going in this week.

A total of 28,500 ft. of surface drilling has already been completed. This has indicated an orebody 7,800 ft. long (still open), 400-500 ft. wide and grading a remarkably uniform 31% iron. It has been probed to a depth of 1,000 ft. below a 750 ft. diabase capping, suggesting at least 400,000,000 tons.

Officials are thinking in terms of an ultimate year-around underground production rate of 10,000 tons daily, which would mean an output of 14 million tons of pellets annually. The whole project would cost \$35 million.

The property (164 patented claims) is located in Scholes Twp. in the heart of the heart of Ontario's Temagami area. It is 22 miles from the main line of the C.N.R., 4½ miles from an all-weather highway and close to hydro power and natural gas pipeline.

It is within 150 miles of shipping facilities on Georgian Bay, which places it closer to lower lake steel mills than any of the principal U.S. iron ranges.

Test work on representative samples of drill core have yielded a 65-66% iron concentrate, with a 7.5% silica content. Titanium and other impurities are negligible. Furthermore, dry methods of concentration can be used, rejecting 35% of the gangue material with only a minus 10 mesh grind. In other words, only 65% of the

material would have to be ground to 200 mesh to effect these results.

Even although it will have to be an underground operation, engineering studies suggest that the location and quality of the ore render it fully competitive with other open pit deposits less favorably located.

Cost estimates prepared by a reputable independent consulting engineer after careful study place mining at only \$1.56 per ton, with milling costs of 75 cents per ton. On the basis of 1,000,000 tons of pellets per year, total transportation charges are calculated at \$2.68 per ton, pelletizing \$2.50 per ton and 8½ cents for marketing, leaving an operating profit of \$1.75 per ton of crude ore.

The company has already received assurances of favorable freight rates all-rail to certain steel mills, which could eliminate the necessity of winter stockpiling.

Time schedule calls for completion of the underground development program and pilot plant tests by September, 1960. Engineering design work and construction of service facilities by October, 1961, while the tentative full scale production date is April, 1964.

As the result of initial financing arrangements just completed, the company now has over \$500,000 in its treasury. A block of 400,000 treasury shares have just been taken down at \$1 per share, with options granted on three blocks of 200,000 shares at \$1.25, \$1.50 and \$1.75, designed to bring in another \$900,000, if exercised.

Special Services At Army Halls

Special services are being held in the Salvation Army Halls in both Haileybury and Cobalt this coming Sunday.

Major J. Sloan, who has charge of the Young People's work for the Salvation Army in this Division, will be conducting the Sunday morning service in the Haileybury Hall at 11:00 a.m.

At seven p.m. in Cobalt, Brigadier and Mrs. J. A. Calvert, who are the Divisional Commanders, will have charge of the evening service.

Lieut. Bruce Switzer, who has charge of the Corps in the two towns, extends an invitation to all interested persons to attend either or both of these services.

On Your Library Shelf

Around the World With Auntie Mame
By Patrick Dennis

History in the realm of literature and laughter was made in January, 1955, with the publication of an unheralded novel, Auntie Mame, by an unknown novelist, Patrick Dennis. The rest is a matter of record.

Auntie Mame climbed the best seller lists and stayed for a phenomenally happy two and a half years. The book delighted millions of readers, furnished the basis for one of Broadway's most sparkling comedies, and then headed west to be a motion picture. It has already been published in eight foreign-language editions, including Japanese, with more to follow.

Those who have read Auntie Mame may not remember that the deliciously derelict heroine made a grand tour in 1937. The hitherto unchronicled adventures abroad of the young, madcap, Mame

starting on the Normandie bound for Paris, and ending on an American man-of-war in the middle of the Indian Ocean—are now faithfully set down by her irreverent nephew Patrick.

You can go Round the World with Auntie Mame, starting right now. We're travelling on the light side, so don't bother to pack a thing except your sense of humour. Bon voyage.

Seeing is believing - reading is fun - education is good - Come to the Cobalt Public Library - see how we have improved - get a book or two and enjoy yourself - further your education without charge - far away fields always look greener but try the Library in your own doorstep first.

Cats were more than household pets to the ancient Egyptians. They were worshipped as gods. The punishment for killing a cat was usually death.

FINDLAY ELECTRIC

HAILEYBURY

Cecil St. Dial OS 2-3682

Electrical installations and maintenance.

Guaranteed repairs to all household appliances, radios and small motors.

We will pick up and deliver anywhere in the Tri-Town area.

ANDY SCOTT

and

ALEX. MATHIEU

Phone OS 2-5225
Building and Contracting, repairs, remodelling, all kinds of carpentry.

By the hour, or contract.
FREE ESTIMATES

tf



SEE YOUR DEALER
RIGHT AWAY...

SAVE

UP TO

\$100.00

ON INSTALLATION OR CONVERSION
TO NATURAL

Gas

FOR HOME HEATING!

SEE YOUR AUTHORIZED
BLUE FLAME
DEALER NOW!

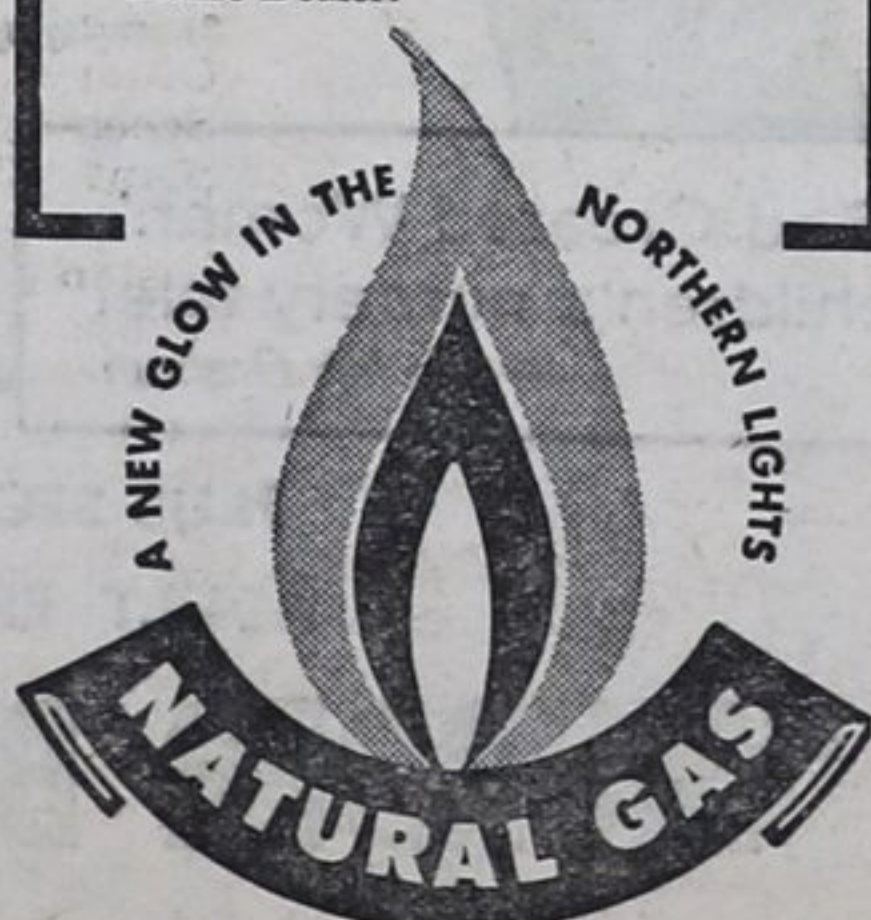
or call the
GAS NUMBER

MI 7-4100

Your Authorized Blue Flame dealer is schooled and skilled in the installation of Home Heating and conversion equipment for Natural Gas.

Estimates on a complete Natural Gas installation or conversion of your present equipment without obligation, of course.

Consult the Yellow Pages for your nearest Authorized Blue Flame Dealer.



RIGHT NOW — and for a limited time — your Natural Gas Authorized Blue Flame dealer can save you as much as \$100.00 on modern gas home heating equipment, or if you prefer to convert your present furnace, savings can be as much as \$50.00.

All you have to do is to sign your firm order NOW either for a new gas installation or a conversion unit. Take advantage of the double savings this special Pre-Spring advance order offers you. Save NOW on installation—save later on your fuel bills!

But act NOW—avoid the summer conversion bottlenecks. The sooner you place your order—the higher on the list your name will be—ready for quick conversion to the miracle fuel that does so much more—FOR SO MUCH LESS!

NO DOWN PAYMENT!

NO PAYMENTS TILL FALL!

Nothing to pay now—just sign the order for gas equipment. First budget payment on your gas bill Oct. 1st.

Work will commence immediately on your installation. Natural Gas service to your home will be run as soon as the frost is out of the ground—then you'll be ready for the changeover which can be completed in a matter of hours.

Only Natural Gas gives you:

- Free round-the-clock burner tip adjustment service.
- No charge to connect your home for Natural Gas if you are within 100 feet of the mains on your street.
- Gas equipment costs less to buy, install and maintain—No tanks, bins or storage problems.
- Natural Gas is CLEAN—SILENT—DEPENDABLE.
- AND THE MOST ECONOMICAL FUEL OF THEM ALL!

**NORTHERN ONTARIO
NATURAL GAS
COMPANY LIMITED**



Northern Telephone Company Limited

Common Shares

In connection with system extensions and improvements to meet growth of business, Northern Telephone Company, Limited is offering additional shares for subscription by its common shareholders of record March 20, 1959. Basis of the offer is one new share at \$2.50 for each five shares held. Subscription rights will expire April 15, 1959.

We recommend that shareholders take full advantage of this offer. We also suggest the shares as an attractive investment for other than existing shareholders.

Our facilities are available to you for executing orders for shares or "rights".

ROYAL SECURITIES CORPORATION LIMITED

360 BAY STREET • TORONTO • EMpire 6-2261

Montreal Hamilton Toronto Winnipeg Halifax Calgary Saint John Edmonton Vancouver Ottawa Victoria Charlottetown St. John's, Nfld.