Conditions at Noranda Look Very Promising to Mr. Moore

A Personal Visit to the Quebec Mining Areas is Basis of this Week's Article—Amulet Situation Reviewed

HUDSON BAY

By L. J. MOORE

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Noranda Mines Limited

Noranda Mines Limited is making steady progress in the direction of large scale production. During the time since the smelter came into operation the mine has been able to keep up with the demand for smelter feed in spite of the limited existing capacity of No. 3 shaft. When the writer made an inspection of Noranda on March 1st, excellent speed was being attained in hoisting ore. The last day of February showed a record of 1,595 tons of ore hoisted in addition to waste rock. The smelter's requirements amount to approximately 1,100 tons daily. It is therefore possible to do a considerable amount of development work through No. 3 shaft and continue to hoist enough ore in six working days to keep the smelter going for the entire week.

No. 4 shaft was at a depth of about 550 feet at the beginning of this month. It will be equipped with a new hoist, which was then on route from the Atlantic seaboard within the next few days. The shaft sinking work is ahead of schedule. The 1,000-foot level will be reached and stations cut at hundred foot intervals by September. A long crosscut is being driven from No. 3 to No. 4 shaft. In all probability the crosscut will reach its objective and the station cut before the shaft is finished. However, a decision may be made to continue the shaft to a depth of 1,500 feet. No. 4 shaft will have a much greater hoisting capacity than No. 3. It will be no great task to handle 3,000 tons of ore daily from the two shafts and to conduct an intensive campaign of mining development. No. 4 shaft is several hundred feet away from any known ore, but the same was said concerning No. 3 shaft when it was at the corresponding depth.

There is fairly definite assurance concerning the extension of important ore of average mine grade, to a depth of 1,500 feet. The unknown factor is the extent and importance of ore occurrences below the 1,500 foot. In a general way diamond drilling results below the 975-foot, which were conducted at one hundred foot intervals along the 440foot drift in "H" orebody yielded gratifying results. The copper content may be expected to vary at different horizons. Generally speaking, however, the drilling downward from the 500 foot, as well as from the 975 foot level, indicate bigger things for Noranda than are appreciated by the general public.

It is not looking too far ahead now to visualize Noranda's production running from 2200 to 2500 tons daily, with two reverberatory furnaces and three converters. Such a production is quite definitely assured. There is no justification at present in looking beyond that point, but it may be remembered that Noranda's development has been crowded with pleasant surprises, which have far outnumbered the disappointments. The development work of the next eighteen months should tell the major part of the story.

When No. 1 reverberatory furnace was closed down for repairs a few weeks ago the performance of No. 2 furnace was rather disappointing. A few adjustments corrected its shortcomings and everything is now running smoothly. The smelter has reached a state of high efficiency. The relining of No. 1 furnace is proceeding and provision has been made for the erection of a third converter, which will provide enough capacity to take care of the output of both reverberatory units. In other words each reverberatory furnace is capable of handling approximately 1100 to 1300 tons of ore daily without being crowded unduly. Three converters working to capacity can handle the entire output.

Obviously much importance is attached to the refinery plans of Noranda Mines Limited. It is still too early to make detailed announcements of policy in this connection. It may be stated however that Noranda's control and its association with British Metals Corporation and Nichols Copper Company gives assurance of the success of the enterprise. British Metals is without rival in the British Empire, as a marketer of copper and its ores. Nichols Copper Company of New York is one of the most important organizations of its kind in the United States, with abundant technical skill at its command, and a world-wide mining connection. The location of the Noranda refinery at tidewater on the Lower St. Lawrence will place it in a position to handle export business.

The Noranda picture is beginning to be filled out, and the next two years will accomplish much in this regard. We recommend the stock as an outstanding purchase for substantial enhancement, pointing to its probable earnings as justification for much higher prices for the shares than have yet been attained.

Amulet Mines, Limited

Amulet Mines, Limited, proposes to conduct an energetic program of diamond drilling and underground work during the coming season. There is reason for believing that the attempt to secure further ore will be quite as earnest as in the summer of 1927 when discoveries followed each other with remarkable rapidity. There is a great deal of new ground to be explored which holds quite as attractive possibilities as the section of No. 4 area which brought in additional ore over a year and a half ago. The year 1928 was really an "off" year so far as significant developments are concerned, although it was by no means negative in its consequences. An effort will be made over the next six months to double the present reserves of around $10,000,000. It is quite within the range of possibility that this will be done. The property may not be very far from the production stage, particularly if coming developments meet the hopes of the management.

The refinery plans which have been advanced, but which are not yet known in detail, may be of much importance to Amulet, especially if it seems likely an electrolytic zinc plant is erected. This would provide a splendid outlet for Amulet's concentrates. The Sterling mine in Cape Breton promises to be an important source of zinc and it should be remembered that this is under the control of British Metals Corporation which is associated with Noranda, and Nichols Copper Company in one of their refinery projects. It should not be overlooked that Amulet possesses a great deal of ground in which ore-making possibilities are attractive. The stock may be considered as fairly attractive at around the current price of $2.30 for a hold of possibly six months.

Hudson Bay Mining and Smelting

Hudson Bay Mining and Smelting Company directors did not give a great deal of new information to shareholders at the annual meeting held in Woodstock on March 5th. The announcements they did make were decidedly reassuring. The ore reserves were placed conservatively at eighteen million tons. It is thought this could have been increased considerably without undue risk. Profits are estimated to run at around $8.50 per ton without allowing for depreciation and depletion. With a production of three thousand tons a day it is comparatively easy to figure out probable earnings per share per annum on the capitalization of 2,500,000 shares all of which are issued. It is estimated that the profits of the first six years' operations will be sufficient to meet the entire capital outlay. The mine has a long life ahead of it, without counting upon the undoubted additions to ore reserves that will be made as development proceeds.

The power development at Island Falls, Saskatchewan is proceeding. It will provide about 44,000 h.p. and power will be delivered about the end of this year. A temporary plant will deliver two thousand h.p. at the mine within the next few weeks and this will be dismantled when the main construction is finished. The company has current assets of $12,928,109, consisting of conservative investment securities and cash.

The ore content is estimated at 1.71 per cent. copper, 3.45 per cent. zinc, .074 oz. gold and 1.06 oz. silver. Satisfactory arrangements with the C.N.R. have been reached concerning freight rates to apply as soon as the railway is turned over by the construction company. The Whitney and Newmont interests make an exceptionally strong combination. The company is assured of substantial profits and the purchase of its shares at around current prices is considered attractive for a hold of one to two years.

All history is simply human nature written large. It is a great pageant, curious, interesting, and most disagreeable. The study of it will educate you and fit you for the general business of life.—Augustine Birrell.

Sunday School Lesson

March 24. Lesson XII.—Stewardship and Missions—Acts 1: 6-8; 2 Cor. 8: 1-9. Golden Text—It is required in stewards, that a man be found faithful.—1 Cor. 4: 2.

ANALYSIS.

I. THE UNIVERSAL MISSION, Acts 1:6-8.
II. THE PRINCIPLES OF STEWARDSHIP, 2 Cor. 8: 1-9.

INTRODUCTION—Our Lesson is meant to teach us that Christianity is a world religion, and that we are all stewards of God to help in the accomplishment of this missionary task.

I. THE UNIVERSAL MISSION, Acts 1:6-8.

V. 6. The chief theme of the teaching of Jesus while on earth was the kingdom of God, and the disciples thought that their Lord would soon come in glory to fulfill the hopes of Israel. These hopes which had been defeated by his death were reawakened by the resurrection, but this question shows how limited was the vision of these men. They think only of their own nation, and have no vision of the world-kingdom. They fail to see that Christ is the redeemer of mankind. His rule is universal.

V. 7. It was natural that the disciples should be anxious to know about the time of the return of Christ. All through the New Testament we see the signs of their eagerness to look at the future. This is especially seen in the Revelation. But Jesus did not, while on earth, satisfy this curiosity. He would not give any definite day or hour, and here he repeats his statement, saying that all things are in the hands of the Father. This expectation was not to be abandoned, but it must be purified.

V. 8. Though they are not told about the mysteries of the future yet they are to receive the strength which will enable them to carry on the work that lies to their hands. This strength was to consist in mental power, in courage, and in special endowments for new work. Their chief duty would be to go forth and bear witness to the gospel of Christ, while the sphere of their ministry is defined. Beginning at Jerusalem, they are to go to Judæa, then to Samaria, and afterwards to the farthest parts of the empire. These four stages of development form the main divisions of the Acts. This, then, is the world mission placed before the disciples of Jesus.

II. THE PRINCIPLES OF STEWARDSHIP, 2 Cor. 8: 1-9.

V. 1. We read in 1 Corinthians of the collection which was being made for the poor brethren in Jerusalem, who were much persecuted by the Jews. Now Paul returns the subject in order that he may urge upon his friends the duty of completing this work. We note how careful he is in laying upon these converts the duty of giving. He appeals first to the gifts of the churches in Macedonia, by which we are to understand the churches at Thessalonica, Philippi and Berea. And he calls this giving of money a grace of God. This charity is not a severe duty, nor a mere policy of wisdom; it is a real evidence of the presence of God's grace. Giving enriches the soul of the giver, and bestows the qualities which belong to God.

Vs. 2, 3. Several further facts in the Macedonian situation are given. The people there were not rich, nor were they able to give large sums, but they gave beyond their ability. Attention may be called to the widow's mite. "Her coin, worthless in the eyes of the rich Pharisee, was, in the eyes of Christ, transformed by her love into the gold of the eternal city." We must never measure gifts by their bank value. Attention is also called to the joy with which the Macedonians gave. There was no grudging spirit in their service.

V. 5. But the most important fact was that they did not stop with the granting of money. They gave themselves. They recognized the truth that all their possessions, and life itself, were the gifts of God, and they would not keep back anything. It is so easy for us to think that we have fulfilled our religious duty of giving when we have contributed one-tenth, but all life is meant to be an offering. We are to present our bodies a living sacrifice.

V. 6. Paul replied much upon his helpers, and Titus had an honorable place among these. He had begun the work some time before, and he is now commissioned to complete it.

V. 7. Three motives are now mentioned to stir up their hearts:

(1) He appeals to their own past record which is full of excellent achievement. They excel in faith and knowledge and in love for Paul. Let them now add this grace also to their character. It is so noble a quality.

V. 8. (2) Paul uses again the example of other churches to stimulate the Corinthians. He would not use authority, nor lay down any order which they must obey. He rather would use the persuasive method of emulation.

V. 9. (3) The most inspiring motive is Christ himself. He came to our world surrendering all the wealth of the skies, and he gave himself for us. We have been bought by the price of Christ's death, and, therefore, we belong to him, and all we have should be his. Thus the appeal to sacrificial stewardship reaches its noblest expression in the cross. A great English leader has said, "It is the absence of the Christian motive—the motive of self-sacrifice depending on the Christian faith—which is the real source of the deplorable conditions with which we have to deal. The principle of service—in which self-sacrifice is an essential element—is the fundamental principle by which life, work and conduct should be regulated."

"Dad, what's a symposium?" "Its a sort o' meeting, my boy, so called because a lot of simpletons usually pose at it!"

NEW WRAP-AROUND

You must include a sheer woolen in your wardrobe in smart wrap-around styling as Design No. 371. The bodice is ultra-smart with broad bands in yoke effect that taper to points to waistline. The skirt and bodice are joined with shaped belt. The inset vestee can be of self-fabric or contrasting. It is most fascinating in lustrous black crepe satin, using the dull surface for bands of bodice, belt, vestee and cuffs. An entirely new idea is natural colored featherweight kasha, with the bands of bodice, vestee and cuffs of dull black silk crepe, with huge black buttons fastening wrap around skirt. Silk crepe, canton crepe and wool crepe also chic. Designed in sizes 16, 18, 20 years, 36, 38, 40 and 42 inches bust. The 36-inch size takes 3¼ yards of 40-inch material with ¼ yard of 13½-inch contrasting, as sketched. Pattern price 20c in stamps or coin (coin is preferred). Wrap coin carefully.

HOW TO ORDER PATTERNS.

Write your name and address plainly, giving number and size of such patterns as you want. Enclose 20c in stamps or coin (coin preferred; wrap it carefully) for each number, and address your order to Wilson Pattern Service, 73 West Adelaide St., Toronto. Patterns sent by an early mail.

NEW STYLE OF HAT

Elizabeth Guy, noted beauty of the Paris revues, shows new Easter millinery in a von Garaf model of horsehair and gold braid.

Ante ... chra

There was a Queen in Trebizond,
Whose golden hair upon the wind
Outspread, like sunlight on a pond,
Blotted all else from mind.

Her voice upon the ear fell sweet
As lovely lute at sundown played
In darking gardens, ere the feet
Of Dian touch the glade.

But she was dead a thousand years,
Ere Helen's beauty proved a prey
And lived a song amid the spears
That perished at Thermopylae.
—W. Fraser Mitchell—Cobweb and Mustard Seed.

A PESSIMIST

"You say there are a great many trial marriages? I don't think so."

"Well, however, regular a marriage may be it always becomes a trial."

He who loves goodness harbours angels, reveres reverence, and lives with God.—Ralph Waldo Emerson.

LIMERICK CORNER

Joyous Jingles By Gifted Rhymsters

Here are this week's winners that have been selected for publication:—

Wrigley's Gum

Try Wrigley's, oh mammy and pappy,
The flavor is certainly snappy,
Just take it from me,
If you chew it with glee
You'll live a long life and die happy.

Mrs. S. K. Putman,
R.R. 1, Bixmarck, Ont.

Solomons Fur Farm

Have you heard yet of Solomon's Fur Farm,
Which in winter keeps both "him" and "her" warm,
Quit your fortune schemes silly
Invest in Chinchilla
And start as it were a new fur farm.

Mrs. H. J. Dean,
R.R. 2, Glanworth, Ont.

Dr. Williams Pink Pills

What slogan rings out from yon steeple?
"Try Williams Pink Pills for pale people,"
They do what they claim
The effect is the same
Whether took by O'Toole or Von Tiepel!

Mrs. E. Mills,
Box 397, Elora, Ont.

Beecham's Pills

There was a young man named Joe Sliver,
Asked the "Doc" to prescribe for his liver,
He said "Beecham's Pills
Will cure all your ills
And will fix up your liver, young Sliver."

Mrs. D. G. Russel,
Box 153, Alliston, Ont.

Keen's Mustard

A woman named Deans who sang ballads,
Could find no good mustard for salads,
Until she tried Keen's
And now all the Deans
Eat it in all of their salads.

D. E. Mowat,
R.R. 2, Selkirk, Ont.

Pinkham's Compound ....

There was a young maid from Kentucky,
Who thinks herself awfully lucky.
She was sickly and pale
Now she's hearty and hale
"Pinkham's" she said, "Its just ducky."

Mrs. Harvey Nivins,
Box 113, Wingham, Ont.

Alberta Coal

There was an old man from Dranoel
Who wanted to purchase some coal,
Pennsylvania, says he,
Will never suit me
I'll have nothing but Alberta Coal.

Mr. Wm. McQuigge,
R.R. 2, Havelock, Ont.

Stanfield's Underwear

There was a young gent here in Tara,
Who got himself froze to the marrow,
Now he wears Stanfield's drawers
While he's doing his chores
And sings as he shoves his wheel barrow.

Mr. Ralph Hills,
Tara, Ont.

Snowdrift Flour

Young brides who are starting housekeeping,
If luck with your baking your seeking,
Just use Snowdrift flour
For luck any hour
For I know of what I am speaking.

Mrs. Percy Polmateer,
Steenburg, Ont.

Simond's Saws

A certain wise man up the Humber,
Was equipping a mill to cut lumber,
"The Simond's," said he
"Is the right saw for me,
Any other is sure a back number".

A. K. Cole,
100 Paradise Rd. N., Hamilton.

Wrigley's Gum

There once was a man of high station,
Who published abroad to the nation,
"Wrigley's Spearmint is best
Just give it a test,"
Now its won the whole world's commendation.

Miss Grace Gordon,
Glenelm, Que.

Diamond Dyes

A lady well known as Miss Merton,
Of the shades in her colors was certain,
When her neighbors did vie
She said "Use Diamond Dye,"
This expert in tinting, Miss Merton.

Mrs. W. B. Fletcher,
Paisley, Ont.

Sun Life Assurance Co.

There was a young fellow named Amos,
For forethought he ever was famous,
He insured in "Sun Life'",
To provide for his wife,
'Case anything happened to Amos

Mrs. Chas. T. Wetherald,
Blenheim, Ont.

Lux

We have a wee baby named Bobby,
And keeping him cleean is our hobby,
Tis Lux that we chose
To wash his fine clothes,
Now spotlessly white is our Bobby.

Mrs. Rob. Allen,
Brucefield, Ont.

Shredded Wheat

There once was a girl who was puny,
She was frail, she was weak, she was moony,
She ate shredded wheat
Soon put on some meat,
And now she's a belle, is Miss Rooney.

Mrs. A. P. Knight,
Parkhill, Ont.

Fletcher's Castoria

There was a young wife in Victoria
Whose name, like her mother's, was Gloria,
'Twas her grandmother's name,
And they all did the same,
When the kid howled for Fletcher's Castoria.

Ellsworth R. Toll,
129 Westmount Ave.,
Toronto.

Royal Yeast Cake

A lady called Mrs. Joe Skinner,
At Fairs, on her bread, was a winner,
"You'll make no mistake
With Royal Yeast Cake,"
She said, though you're just a beginner.

Mrs. K. Kettle,
Smithville, Ont.

Salada Tea

Said a gay little cockney from Blightly,
Who was true to his wife though quite flighty,
"Wot makes me 'ike back
Is 'er fine fresh 'ot black
Salada Tea—it's the cat's nighty."

Mrs. T. W. Hicks,
R.R. No. 2, Niagara Falls South.

Wilson Pattern Service

For those women who do their own sewing,
There's a service that's well worth your knowing,
Wilson's Patterns, by mail
Will fit without fail,
In favor each day they are growing.

Mrs. Wm. H. Day,
Bradford, Ont.

Sherriff's Vanilla

A jolly fat man of Manilla,
Fell in love with a girl named "Aquilla",
For the custard and cakes
And the pudding she makes,
Are flavored with "Sherriff's Vanilla.'

Mrs. T. W. Hicks,
R.R. No. 2, Niagara Falls South, Ont.

Westclox

There is a fine range of the Westclox,
Big Ben, Baby Ben, are the best clocks,
To keep the right time
Wherever they chime
Ben Hur, Pocket Ben, too, are Westclox.

Mrs. Rob. Allan,
Bracefield, Ont.

Red Rose Tea

There was once a lady named Bantry,
Who made frequent trips to her pantry,
To get Red Rose Tea,
She liked it, you see,
And she drank it with gusto, did Bantry.

Mrs. J. P. Fisher,
Paisley, Ont.

Dr. Hess Stock Tonic

If your horses and cattle are failing,
Your hogs and your sheep also failing,
I say without guess,
That tonic by Hess,
Will set all your troubles asailing.

Mr. H. B. Wilson,
Colborne, Ont.

Any nationally advertised article or service found in this or any previous issues of this paper may be made the subject of a limerick.

One dollar bill will be sent for every Limerick accepted. Give name and address and name of this paper. Write Limerick Editor, Associated Publishers, Rooms 421-5, 73 Adelaide St. West, Toronto 2.

QUESTIONS ANSWERED

S.E.H. and C.W.—Lack of rhythm in one or more lines is your chief fault.

Mr. C.P.—(1) Yes. (2) We cannot give list. Read all the ads and get ideas for the limericks from them.

Wife: "I think I hear burglars. Are you awake?" Husband: "No."

Angry mother: "Now William, don't let me have to speak to you again!" Willie, helplessly: "How can I prevent you, mamma?"

A man would do well to carry a pencil in his pocket, and write down the thoughts of the moment. Those that come unsought for are commonly the most valuable and should be secured, because they seldom return.—Francis Bacon.