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The Dome Ore Bodies Are Unequalled in Size

BIG GLOVE HOLE WITH AREA OF TEN ACRES BLASTED OUT—NINETY PER CENT ORE—NO APPROXIMATE ESTIMATE OF TONNAGES HAS YET BEEN MADE—MINING AND MILLING COSTS AT DOME VERY LOW COMPARED TO OTHER PROPERTIES—ENORMOUS ORE RESERVES.

Lately public attention has been specially directed to the Earl Lake section of Porcupine, and the consolidation recently announced by the Canadian Mining and Finance Co., Limited. The Dome, which is 2½ miles east of these, is also one of the very big properties of the camp. It owns six mining claims of 40 acres each, and very recently has taken an option on the Dome Extension adjoining on the East; 46,000 shares of the Dome are to be transferred in payment. At the present price of the stock this amounts to the tidy sum of \$1,288,000.

The Dome Extension holds 200 acres, and if the deal goes thru, the Dome Consolidated will have the same acreage as the Hollinger Consolidated; this, however, is merely a coincidence, for acreage alone does not make a mine.

The Temiskaming series of fragmental rocks are exposed on a small section of the Dome properties, and the mining now going on is near its contact with the Keewatin volcanics. Between the Dome and the Dome Extension there is about a quarter of a mile on which the auriferous formation does not show on the surface, but it is proved on both sides, and therefore must be continuous thru the low ground.

On the Dome there is an open pit or "glory hole" elliptical in shape, and having a total area of about ten acres; over 90 per cent of the material from this has been blasted out and sent to the mill during the past four years, and values have averaged about \$5 per ton. This is a remarkable record when we consider the dimensions of the open pit, and the fact that less than 10 per cent. of its contents was discarded as waste.

It may be said, without fear of contradiction, that there is no other gold mine in the world capable of making an equal profit from quarrying operations on such an extensive scale.

Development is now going on beyond the limits of the quarry within an area 1500 x 400 feet, and it is proved that the potentially productive ground extends considerably beyond these limits. Several enormous shoots of ore have been met with. At the 600-foot level there is an ore body 315 feet long by 150 feet wide, carrying \$11 per ton. Values have been improving below 300 feet, and it is probable that in the near future the ore will be equal in grade to that of the Hollinger Consolidated. There has been no selective mining at the Dome, but there has to some extent at the Consolidated. But, now that the latter are preparing to crush 3500 tons of ore per day they will, naturally, have to use increasing tonnages of low-grade ore.

The ore bodies at the Dome are so large, and occur over such an extensive area it will be several years yet before we are able even approximately to estimate the enormous tonnages in this great property.

From the beginning, plans at the Dome have been framed with a view of reducing costs, and they are now

about \$2.50 per ton. At Hollinger they run \$1 higher. At both mines betterments and increases in tonnage are under way. This has a tendency to make costs and values in the future more equal than they have been in the past.

The deposits at the Dome in a general way resemble those at the Hollinger. There is, however, a greater tendency to form separate shoots or chimneys. At the Hollinger they are more linear. It cannot, however, be said that this has any bearing on either quantity or value. It merely suggests that the force which opened the ore channels was exerted from a different angle and in different way.

The big mines of Porcupine are continually growing bigger. The rich little mines never make the same impression on the officials at the royal mint. Their output is small and their costs high in proportion. The large ore bodies also are more likely to persist to great depths.

Porcupine is rapidly swinging into line with the Rand. We have definitely settled down to the exclusive use of cyanide, as against amalgamation. We are using stamps and many tube mills. We are effecting consolidations and thus reducing costs, and as Mr. Robbins intimates, are also guarding against loss from geological changes; and, lastly, we are aiming at handling ever increasing tonnages. Porcupine is indeed the only serious rival of the Rand. There is no other now appearing above the horizon in any part of the world.

In considering the size of ore bodies, the Dome is the wonder of Porcupine. It has the largest bodies of payable ore in the camp and, consequently can mine with great facility and low cost. The veins on the Dome are, as a rule, huge masses of quartz and other vein matter, carrying in some places high gold content, but averaging up to good values. One can see in the Dome what has yet to be located in the other mines of Porcupine, drifts showing veins up to 150 feet wide. This is remarkable when it is considered that No. 4 vein on the Hollinger, the largest in the mine, shows only 45 feet wide of ore.

To facilitate the handling of their enormous tonnage a central shaft is being sunk thru which all ore will be hoisted. Stations are being cut at all levels and preparations made for handling the ore on a big scale.

Test Dome Extension.

The Dome Mine is now giving the Dome Extension, on which it has an option to purchase, a thorough tryout. The Dome Extension adjoins the Dome Mines on the east, and it has been known for some time that the Dome Mine's ore zone would dip into Dome Extension ground. For the Dome Extension to prove that the Dome ore zone does run into its property would be a big undertaking. It would involve the sinking of a shaft or diamond drilling to a depth of about 1000 feet before the body would be encountered. The Dome, however, is continuing the drift on the 700 ft. level into Dome Extension property.

Cross-Cut Started From McIntyre Ex.

The cross-cut from the six hundred foot level of the McIntyre Extension shaft has been started. This cross-cut will be extended to a point underneath the Jupiter main shaft, and a raise put thru to connect with these workings. The possibilities of important discoveries of ore in this cross-cut are great, as it is the intention to carry this drive along the contact zone, where such sensational discoveries have been made in McIntyre ground lately. This contact zone extends thru Jupiter ground for over 2,000 feet, pointing to wonderful possibilities in this exploration work.

Various rumors regarding McIntyre have been going around. One of these was to the effect that some time ago certain interests whose identity has not been disclosed, wished to gain control of the McIntyre group namely: McIntyre, McIntyre Extension, and Jupiter, along with one other, possibly the Plenaum, and that a bid of \$2.25 was made. The offer was not accepted.

Everybody should make a point of being present at the lecture to-morrow night in the Timmins Coliseum. Col. Mulloy will be the speaker of the evening, and as he has lately attended a meeting whereat conscription for Canada was dealt with, he will likely have some news of great interest on this question.

New Vein Struck On The McIntyre

A strike has been made of a new vein at the thousand foot level of McIntyre. Col. A. M. Hay admits the truth of this assertion, and Mine Manager Ennis reports that the new vein is sixteen feet in width. No information with regard to the value of the ore encountered has been given out. This announcement has been expectedly awaited ever since the annual meeting of McIntyre two weeks ago, when it was reported that the McIntyre Extension had struck a big body of ore on the 1000 foot level. The finding of the ore body on the McIntyre Extension gave indication of the possible existence of a similar vein on the McIntyre.

Moneta School Report for May

Number of school days, 20; number enrolled, 28; average attendance, 24.
Honor Roll.
Jr. IV.—Percy Suow.
Sr. III.—Sadie Feldman, Klelah Brown.
Jr. III.—Murdock Davidson.
H. Book.—Lucy Snow, Lillian Slater.
J. Book.—Catherine Roman, Willie Keefe.
J. R. Anderson, teacher.

BETTER VALUES ARE NOW GOING TO THE VIPOND MILL

The raise on the Porcupine Vipond from 400 feet has broken through to the 300 foot level, and timbering has been started. The cage is now running to 400 feet, and the hoisting of higher grade ore from that level has now commenced.

Owing to the difference in the grade of ore from the 300 foot level and above, and that on the 400 foot level, it is expected that the average grade of ore will increase at least two dollars a ton, and probably more. As production has covered costs of operation in the past, the Vipond will be running at a good profit inside two weeks.

The Davidson vein has been drifted on for 150 feet on the 500 foot level, and is equal in values and size to that at 400 feet. The mill is averaging 125 tons a day.

MERCHANTS AGREE TO WEDNESDAY HALF HOLIDAY

A petition has been circulated among the retail merchants of Timmins for the purpose of bringing the matter of a Wednesday half holiday during the months of June, July and August, before the Town Council with a request that a by-law be passed thereon. The petition has received the signatures of all the prominent retailers in town. Following is the gist of the petition, together with a list of those who signed.

We, the undersigned Merchants and Store Managers of the Town of Timmins, do hereby agree to close our respective places of business every Wednesday afternoon at One O'clock p.m. during the months of June, July and August, with the exception that should a pay-day at either the Hollinger Gold Mines, Limited, McIntyre Porcupine Mines, Limited, or the Porcupine Crown Mine, Limited, fall on a Wednesday, the previous Tuesday afternoon will be observed, and we do therefore respectfully petition Your Worship to pass a By-law to this effect, covering all the requirements for same.

H. J. Marshall
Chas. Pierce
J. P. McLaughlin
R. J. Jemmitt
J. R. Gordon
Northland Stores
W. Armitage
Geo. Preston
Sullivan & Newton
M. J. Roche
Leo Mascioli
W. G. Smith
Shankman Bros.
Jas. Geils
A. Brazeau
D. Ostrosier
H. Peters
Mrs. MacDougall
Frank Cook
A. G. Carson
Wm. Fraser
John Carmovale
Harrington & Belanger
A. D. Carriere
B. Alice
Palace-Shoe Store
H. Sanders
P. Petersky
H. Kidekel
H. Horwitz
L. Stadelman Co.
G. Boutin

Schumacher-Timmins Red Cross Society

The regular weekly meeting of the local Red Cross Society was held in the Council Chambers on Tuesday, June 6th.

Seventeen members were present also several visitors.

The minutes of the previous meeting were read, approved and accepted. The Treasurer reported:

Receipts.
McIntyre Mines employees. \$174.50
Jupiter Mine employees. 34.70
Sub. card, G. M. Beach. 5.00
Sub. card, Mrs. J. Ferguson. .25
Goods sold—
Mrs. R. Hicks. .25
Mrs. Cockburn. .25
Mrs. H. Darling. .25
Mrs. Archambault. .25
Pictures sold—
Mrs. Coborn. .25
Miss Blanchfield. .25
Mrs. Muskett. .25
Mrs. Newman. .25
Mrs. A. Houghland. .25
Mr. A. Houghland. .25

Expenditures none.
Bank balance to date. \$503.97

Mrs. Brown brought to the notice of the Society that there is a demand for old paper, and requested the members to save and collect all old newspapers and magazines, turning them over to the Society, as their sale will net quite a little sum.

There being no further business a motion to adjourn was made by Mrs. Longmore, seconded by Mrs. H. Skavlen, until June 13th, 1916.

Helen O. Darling, Sec. pro tem.

McINTYRE DIRECTORS TO DISCUSS MERGER OF THREE COMPANIES

A meeting of the directors of McIntyre, Jupiter and McIntyre Extension is called for Thursday (to-morrow) to get together on the amalgamation proposal, rumors of which have been freely circulated for the past few days. This was the decision arrived at by the directors of McIntyre last Friday, and this was the sole official announcement at the close of the meeting.

The proposed merger was admittedly the topic of discussion at the meeting, but what transpired was not given out. However, it was stated that there was no serious opposition to the amalgamation of these properties among the McIntyre directors at least.

It was hinted that negotiations might take some time, as the basis of such a consolidation would have to be arrived at, and it would have to be decided in case the proposal was ratified by all concerned whether a new company would be formed or whether McIntyre stock would be increased.

THE WAR NEWS (Kiely, Smith & Amos private wire)

Canadians take by storm positions near Zillebeke. Recapture by brilliant and successful assault the lines formerly held by British on front of over fifteen hundred yards.

Desperate enemy defence cannot stop the Russians. Village after village is being captured in wonderful advance by Czar's troops. Points believed to be impregnable have fallen before Russian artillery. "The Russians are coming" the signal for panic among Austrian troops.

Hughes is a live wire as a campaigner. He has trimmed his celebrated whiskers and is all action. Roosevelt is holding aloof. Bunt Munsey and McClure show a willingness to make overtures.

Democratic Convention assembles in St. Louis at noon to-day.

Deadlock faced in railway wage dispute. Conference near an end.

BASEBALL

International.

Toronto 6, Montreal 4; Richmond 3, Baltimore 0; Buffalo 7, Rochester 0; Providence at Newark, rain.

National.

Brooklyn 3, St. Louis 1; Chicago 5, New York 2; Philadelphia 5, Pittsburgh 3; Cincinnati 0, Boston 0.

American.

Boston 5, St. Louis 3; New York 4, Detroit 2; Washington 3, Chicago 2; Cleveland 11, Philadelphia 2.

The D.Y.B. Club Enjoy Moonlight

On Wednesday evening, June 7th, Mr. Frank Lafreniere gave the girls of the D.Y.B. Club a moonlight motor trip to Sandy Falls.

The evening was warm and clear, and the long northern twilight had not yet given way to night when the boat reached the Falls. The men at the Power Plant were very hospitable escorting the girls around the ground and through the power house, and seemingly all of them gathered on the landing as the boat was leaving. By this time the moon had risen, and lunch being disposed of, the girls sang songs and talked of the time when the Indians went stealing along the shores and waters of Mattagami River.

On arriving at Mattagami Heights landing, three cheers were given for Mr. Lafreniere, and the whole affair was pronounced an ideal summer night's outing.

NEW HOLLINGER MILL LARGEST IN CANADA.

Construction work on the 2000-ton a day mill addition to the Hollinger is being rushed as fast as possible. Contracts have been let for the foundation, on which an enormous quantity of cement will be used. The mill addition will be the largest single construction work attempted by any mine in Canada, costing \$750,000. The sheeting has been torn from the present mill building to which the addition will be made. An idea of the importance of the work is had from the fact that the addition is a duplication of the present mill, which has a production of almost half a million per month.

The New Empire Theatre Will Be Model Play House

THE MANAGEMENT ARE SPARING NO EXPENSE TO PROVIDE AN IDEAL PLACE OF AMUSEMENT FOR THEATRE PATRONS OF TIMMINS—WILL BE SAFE, COMFORTABLE AND SANITARY—FULL SIZE STAGE FOR LEGITIMATE PRODUCTIONS—READY FOR BUSINESS ABOUT AUGUST 10th.

Plans and specifications for the New Empire Theatre are now complete and the tender submitted by the Northern Lumber Mills, of North Cobalt, has been accepted. Construction work will be proceeded with immediately under Mr. J. Joannisse, who will superintend the erection of the building.

The theatre will be a three storey structure combining the most modern ideas. The foundation which is now ready for the superstructure is sixty feet by one hundred and eight feet, the base of the concrete wall is twenty-four inches thick, tapering to fourteen inches at the top and is one of the best examples of concrete work of this nature in the north country. The supporting spans which will carry the ground floor and roof will be of eighteen inch steel I beams with eight inch cast iron upright columns.

The basement, which when completed will likely contain an up-to-date billiard and bowling academy (alho this has not been fully decided on), will be roomy and well ventilated, having a clearance of nine and a half feet between floor and ceiling and being 50 x 108 feet inside measurement. The front elevation on Third Ave. shows two commodious stores on the ground floor, one on each side of a central theatre rotunda. Both these stores will have modern plate glass fronts allowing the maximum of light to the interior. Plate glass swinging doors will grace the street entrance to the lobby of the theatre.

On the second floor front there will be four business offices exclusive of the manager's private office, and the third floor will contain six more offices, all of which will be for renting purposes and will be modern in every respect.

Seating accommodation for 700 will be provided in the main auditorium, with two boxes, one on either side of the orchestra pit. The balcony will provide 200 more seats, bringing the total capacity of the house up to 900. All the seats will be of the approved opera chair design, adding much to the general comfort of patrons.

A first class legitimate stage, 36 feet in width by 20 feet deep, which the management assert will be second to none this side of Toronto, will assure Timmins theatre-goers of proper facilities for legitimate productions when occasion arises. This stage will be well equipped with "flies" and other devices for adequate stage settings. Four large dressing rooms, two on each side of the stage, will accommodate the more pretentious companies travelling in the north country in future. A satin fibre screen which will cost \$225 a square foot or a total cost of \$400.00, will

be installed to afford the best results with moving pictures, and an asbestos safety curtain will act as a preventive of fire from the stage.

Further general fire protection is provided by two sets of hose. Each side of the house will have a large emergency exit on the ground floor leading to five-foot passageways on either side of the theatre, also two exits at rear and the main door to the street. The balcony will have a steel fire escape on each side leading from two emergency exits into the aforesaid 5-foot passageways. From the ground up no expense is being spared by the management to give the maximum of safety to their patrons.

The operating room will also be fully protected against possible fire. It will be modelled after the very latest approved design, with asbestos lining throat. The management contemplate installing two machines to prevent any delay between pictures, and S. J. Clairmont, who has had an extensive experience, will be chief operator.

The electrical arrangements will be very complete. One of the best known experts in Toronto has been engaged to look after this and is at present preparing plans to that effect. All wiring will be installed in conduit system.

Steam heating is called for, and the plumbing, lavatories, etc., will be strictly modern and sanitary, draining to a cesspool forty feet long by eight feet wide by fifty feet deep. Six big suction ventilators will be provided to ensure pure air at all times. The contractor's agreement calls for the completion of the auditorium by August 10th and the theatre will start operation about that date. The offices are expected to be ready for occupancy about thirty days later.

The co-owners in the new theatre are Leo Mascioli, Chas. Pierce and P. M. Bardessono. Mr. Bardessono will be manager and states he will provide the very best entertainments possible to secure. Hitherto he has made a most pronounced success of the theatrical business, and with the better accommodation which will be provided by the new theatre the public may expect a marked improvement of service when it opens its doors.

The Empire theatres of Cochrane and Schumacher are other links in the chain and will be under the same ownership and direction as the New Empire Theatre of Timmins.

The building and furnishings when completed will represent an outlay of some \$30,000. The plans and specifications have been passed by the Provincial Inspector as to safety, sanitation and general acoustics.

TRUSTEES LOOK OVER REVISED PLANS OF NEW PUBLIC SCHOOL

A special meeting of the public school trustees was held on Friday, June 9th, in the Council Chambers. Those present were Trustees Ostrosier, chairman; Marshall, Laub, Dorway and Smith, Sec. pro tem.

The purpose of the meeting was to examine the plans for the new eight room school, which were sent in by Messrs. Ellis & Ellis, architects, for the approval of the Board.

Mr. P. A. Robbins was present at the meeting and took a keen interest in the proceedings. He examined the plans carefully and made some valuable suggestions which will be referred to the architects. He took special interest in the layout of the rooms and in providing proper exits for the children in case of fire.

The plans were accepted with a few changes and suggestions by Mr. Robbins and the Board, and were then returned to the architects as requested by them.

The approved plans and specifications are expected in a few days and then tenders will be called for and work on the new school begun without unnecessary delay. It is expected that everything will be ready to start by the first of July.

Materials to be used will be determined by the Board as soon as the plans and specifications arrive. The school will be built of such materials as will be most suitable for the purpose and at the same time most economical.

The Advance will give more detailed information on the subject in the near future.

A NEW MINING DIVISION DEFINED IN NORTH COUNTRY

Mark R. Morgan is to have charge of the new mining division which the Ontario Government has established to cover the new mining fields in the north. Owing to the influx and the rapid locating of claims, the government decided to make as convenient as possible the recording office for the army of prospectors who are in the new fields. The division will commence at the south-east corner of Henderson Township, between Algoma and Thunder Bay districts and extend westerly generally following the water courses to the western boundary of the Nipigon forest reserve and then going north to the Albany river, following that stream eastward to the boundary between Algoma and Thunder Bay, thence south to the point of beginning. The division covers a territory of 17,000 square miles. The recorder in charge has recorded practically the whole 600 claims that have been recorded in the office at Port Arthur, where he has been assistant recorder to his father, J. W. Morgan, for the past couple of years. Having given a close study to the maps of the country and by paper knowing every foot of his territory, it is certain that Mark Morgan will fill the duties of recorder to the satisfaction of all. The new office will be at Tashota.

TEMISKAMING DIVIDEND.

Late yesterday Temiskaming declared a dividend of 3 per cent, but left the date of payment to be decided by Manager Culver.