

TEMISKAMING & NORTHERN ONTARIO RY.

Train Service

Through trains daily between Toronto and South Porcupine, operating through pullman sleepers to and from South Porcupine and Cochrane with cafe parlor car service between North Bay and Englehart.

Daily service between North Bay and Cochrane, operating through C. P. R. sleeper from Montreal to South Porcupine.

Local service on Charlton Branch connecting at Englehart with main line trains.

Local service between Englehart and Latchford.

For full particulars see current time-table or refer to any T. & N. O. Railway Agent,

A. J. PARR,
G. F. & P. A.,
North Bay.

Pellat & Pellatt

TRADERS BANK BUILDING
TORONTO

Porcupine Stocks
BOUGHT and SOLD

TEMISKAMING & NORTHERN ONTARIO RAILWAY

Train Service

Through Trains Daily between Toronto and Englehart, operating Cafe, Parlor and Pullman services.

Daily Service between North Bay and Cochrane, operating C.P.R. Sleeper, running direct to and from Montreal.

Local Service for Charlton, connecting with trains 1 and 2, also 46 and 47.

At Iroquois Falls connections with Trains 1 and 2 for Porcupine.

For particulars of running time, or further information, apply to any T. & N. O. R'y Agent,

A. J. PARR,
General Freight and Passenger Agent

Notice of Dissolution

NOTICE is hereby given that the partnership heretofore subsisting between us, the undersigned, as Drug-gists, in the town of South Porcupine, has this day been dissolved by mutual consent. All debts owing to the said partnership are to be paid to B. Burnand at South Porcupine aforesaid, and all claims against the said partnership are to be presented to the said B. Burnand, by whom the same will be settled.

DATED at South Porcupine this 16th day of April, A. D. 1912.

B. BURNAND,
H. G. DOUSE.

Witness: J. D. McMurrich.

Notice of Dissolution

NOTICE is hereby given that the partnership heretofore subsisting between us, the undersigned, as Lumber Merchants and Contractors, in the town of South Porcupine, has this day been dissolved by mutual consent. All debts owing to the said partnership are to be paid to Geo. D. Hamilton at South Porcupine, aforesaid, and all claims against the said partnership are to be presented to the said Geo. D. Hamilton, by whom the same will be settled.

DATED at South Porcupine this 10th day of April, A. D. 1912.

GEO. D. HAMILTON,
E. M. ALLEN.

Witness: J. D. McMurrich.

Reinhardt Has Closed Doors

J. Thomas Reinhardt, the famous New York broker, has suspended operations.

Reinhardt's three Canadian interests, Porcupine Central, Porcupine Northern and Porcupine Southern, went completely to pieces on the curb markets, so far as their stock values were concerned, as soon as the suspension was announced. In Toronto, where they sold on Saturday at \$5.50, \$1.57 and \$2.08, respectively, the issues were withdrawn from the list of the Standard Exchange. New York curb quotations at the close Tuesday were—Central, 25 cents bid; Northern, 12½c asked, 6½c bid; Southern, no market. Their record values, all achieved during the last month, were \$5.55, \$1.70 and \$2.15, respectively, and their original flotation prices were roughly 75 cents in each case. Their low records, made in 1911, were 50c, 56c, and 51c, respectively.

A despatch from New York expresses the belief that Reinhardt's present entanglement is the result of the wild boom in American Marconi shares last week, he apparently having been in on the bull operations which carried the shares up to \$350 on Friday, and not getting out before they slumped to \$150 and lower on Saturday.

Charley Keeley, of Haileybury, is in camp for a few days.

GAMEY WILL NOT LEAD EXPLORATION PARTY

Manitoulin Member Cannot Leave Private Business to Accept Government Offer

Stress of business and the length of time that such an important exploration would necessitate, have caused R. R. Gamey, M.L.A. for Manitoulin, to abandon his proposed trip as head of the party that is to investigate the newly-annexed portions of the province and the route of the T. and N. O. Railway over the five mile strip through Manitoba to Hudson Bay.

Sir James Whitney stated that the government would have liked Mr. Gamey to lead the party, but he had found it unable to do so. The prime minister denied the truth of certain published statements that Mr. Gamey would not go north on account of differences between the government and himself with regard to remuneration.

"The exploration party will be gone for probably five months," said Sir James, "and Mr. Gamey finds it impossible to remain away from his business for that length of time. The statement that he is not going because of differences between the government and himself is absolutely untrue. The question of his remuneration never has been discussed by any member of the government and himself and has not even been considered. I am sorry to say that Mr. Gamey for the reasons given has decided further than that the ministry desired Mr. Gamey to do at the head of the party. We expect to be able to shortly announce the names of those who will compose the party."

J. W. Tyrrell, the eminent mining engineer, has been officially mentioned as the man for the position, and no better selection could have been made.

Delegates Were Well Received

Messrs. W. J. Morrison, V. Henny, H. A. Proctor and Homer Gibson represented the South Porcupine Board of Trade at a meeting of the associated boards of Northern Ontario held at Cochrane last Friday.

As the South Porcupine Board is not affiliated with the associated boards, the delegates were present on invitation and were well received by all.

The discussions partook mainly of an agricultural nature in that resolutions were introduced praying the Legislature to use every effort to open up the North Country as far as James Bay by encouraging the settler to locate in the agricultural belt.

At the conclusion of the proceedings a magnificent banquet was held at the Prince George hotel, which was thoroughly enjoyed by all present.

It was at this banquet that the delegates interested in mining secured an opportunity to say a word, and in response to the toast, "Mining," H. A. Proctor did the honors for the great mining industry. His address, though delivered without the slightest preparation, was heartily received and loudly applauded. While he allotted to agriculture full credit for its importance as a means to progress, he clearly showed that the work of the prospector had in several instances opened the way for the agriculturalist.

In every particular the meeting was most pleasant and successful and greatly enjoyed by all present.

A number of friends of Miss Dodds, who contemplates leaving South Porcupine in the near future, will tender her a farewell dance in Wilson's hall tonight (Friday.)

Alex. Cumpson Makes Final Trip

Alex. Cumpson, one of the most popular T. & N. O. conductors, died at his home in North Bay last Friday night, after a few days' illness from pneumonia.

The news of his death came as a decided shock to his many friends.

Deceased had charge of the local train running between Englehart and Latchford and intermediate points for the past several months.

He was off duty two weeks ago owing to illness but came back to the run and was on the local every day last week. On Saturday week he made his last run and laid off in Englehart on Monday, hoping that a brief rest would benefit him.

He went to his home in North Bay on Tuesday on No. 2, and took a turn for the worse from which he never recovered.

The late Alex. Cumpson has been on the staff of the T. & N. O. for six years, and was one of their most respected employees. He was 35 years of age and leaves a widow to mourn his loss. He was a prominent Mason.

Damages Given In Mining Suit

A judgment has just been handed out in Toronto which is of considerable interest to mining people. John Bucknall of Haileybury owned some mining claims on the Matabichouan River which were submerged by water at the time the British Canadian Power Company's huge dam was built. Mr. Bucknall sued for damages in respect of the flooding of his claims. The case was tried recently at North Bay and the jury found a verdict for \$3627.00 damages.

Mr. Justice Middleton, who tried the case, reserved judgment at the time on question of law. He has just handed out his decision finding that the plaintiff is entitled to succeed and giving judgment for \$3627.00 with full costs of suit on High Court scale. S. Alfred Jones, K. C., acted for the plaintiff, J. Lorne McDougall of Haileybury for defendants.

Elks Organized At Porcupine

A local lodge of the Order of Elks has been established at Porcupine, north end of lake, the organizer of the society being present to superintend the ceremony of initiating a number of new members and installing the officers of the newly created lodge.

There are now 33 members enrolled with over 30 applications received for membership. By the end of the month it is expected that the lodge will be 100 strong.

It has been decided to make use of the stock exchange building for a lodge hall. The upstairs hall will be used for a lodge room and on the ground floor will be established billiard, smoking and card rooms.

The officers of the lodge are: Past ruler, A. H. Seguin; esteemed ruler, Gordon Gauthier; lecturing knight, C. M. Piercy; leading knight, John Munro; Chaplain, Rev. Peacock; squire, F. P. Gallagher; Tyler, Ray Morrow; secretary, J. H. Williams; treasurer, W. Foster; home committee, Martin Walsh; T. F. King and Wilfrid Williams; trustees, Harry Airth, Dr. McInnes and Mac McKay.

SALE OF HOUSE FURNISHINGS.

All the household effects of Mary Van Geer are being disposed of at the premises lately occupied by her. This consists of sufficient furniture for fifteen bedrooms, and is of the very first class. Bargains in furniture are to be had at this sale.

Capt. Blacklock returned Wednesday from a business trip South.

INTERESTING PROCESS FOR GOLD RECOVERY

May Have Remarkable Effect on Cost of Production--Porcupine Poor Man's Camp

During the past week an interesting demonstration has been made at the McIntyre mill by J. D. Luttrell, of the Luttrell Gold Separator Co., Ltd., of Woodstock, Ontario, of a device for the saving of fine gold.

While this is now being tested on the ores of the Porcupine camp, in a wet way, it is also applicable to placer mining in a dry way, and has been fully demonstrated on the placer sand of Snake River, Idaho, and elsewhere, with very encouraging results.

This process has been examined by many of the engineers and metallurgists of this camp, many of whom were formerly sceptical as to new amalgamation devices, but who now think it will revolutionize the amalgamation process.

There is perhaps no line of metallurgical work which has called out more effort in the improvement of methods than that of recovering flour, or flake gold.

In most cases it has been along the line of amalgamators, riffles or containing sand in baths of mercury.

The old copper plate has always held its place, and, although many devices have been brought out which promised a higher recovery, none has been able to supplant it in the general operation of gold milling.

One of the great objections to the ordinary copper plate has been the loss of quicksilver resulting from scouring and fouling, for, while the mercury has a very decided affinity has no side support, is so delicate that it takes but little to disturb and detach it.

The idea of this process, the discovery of a medium or material which makes it possible to retain the mercury secure on the plates, without as much supervision as has been necessary heretofore, with the old stiver copper plate.

Owing to the rapid increase in the number of mills being constructed, it is sometimes difficult to obtain expert amalgamators for copper plates, but with this process this expert supervision is not so necessary, and a man of ordinary intelligence quickly becomes familiar with the working of the plate.

Following this idea, the inventor has produced a compound incorporating disseminated particles of mercury which are independent of one another. This compound, when made, is plastic and can be used as a coating either on a plate, glass or any other flat surface or on the inner surface of a cylinder. On standing, the material hardens to any desired degree of density, according to the proportion of the ingredients and as the mercury is evenly distributed through it, there are thousands of particles presenting bright faces at the surface, as attaching points for the gold.

In that the materials of the compound, the nature of which has not been disclosed to the public, have a very high affinity for the mercury, it is quite difficult, if not impossible, to break them loose from their seating, as they are supported on all sides, thus reducing loss to a minimum.

The surface of the compound, when ready for operation, has the texture and "feel" of a moderately rough cement surface, and is in a

most admirable condition for deterring the rapid progress of gold over it. This roughness tends to retard the flow of the pulp next to the surface of the plate, due to the friction, thereby causing an eddying of the stream, and a tendency for the surface of the stream on which the fine gold floats, and cannot be recovered except by chemical process, to be drawn towards the plate, thereby bringing the fine particles of gold in contact with the mercury. The slimes have no effect on the action or condition of the surface, which remains bright, and therefore making it easy for the fine particles of gold to be amalgamated.

Ore bodies containing manganese and other impurities, have long been a source of annoyance to mill men using copper plates for amalgamation, causing the plates to become foul, and thereby using the amalgam and mercury, but the Luttrell process has eliminated this source of loss in a way which cannot be done with any other plates.

All that is necessary to keep this plate in good working condition is occasionally to apply a wash of dilute hydro-chloric acid, caustic alkali, or dilute cyanide solution. The binding material of these plates contains no copper and are not affected by the application of cyanide solution, which are recognized to be robbers of gold in mills employing copper plate amalgamation.

These plates do not require to be dressed twice a day or oftener, as is the custom with other plates, and the ease with which they can be detached, rolled up, retorted and smelted, simplifies what was formerly a drudgery, to a remarkable extent.

The copper plate which is now in use is very expensive, requiring to be electro plated with two ounces or more of silver per square foot, and with a large mill this means considerable money tied up in plates, which are ultimately only good for scrap copper.

The materials of which this plate is composed are inexpensive and can be readily obtained from the company.

The crowning feature of these plates, is the great amount of mercury they are capable of holding mechanically without loss. For example, a surface 12 feet long and 3 feet wide, will hold three pounds of mercury, and as the ordinary consistency of amalgam is about one-half gold, a plate of these dimensions will not have to be cleaned up or changed until they contain nearly one and one-half pounds of gold.

One feature of the method is the ease of renewal. If from any cause or accident any portion of the surface is injured, all that is necessary, in the way of repairs, is to apply a new coating of the compound either to fill the break or to cover the entire surface if necessary, at but slight expense, and the apparatus is as good as ever.

Great credit is due Mr. Luttrell for the painstaking way he has worked out the details of this interesting process, which fulfils a long-felt want in gold milling.

Porcupine may yet be a "poor man's camp."

Princess "Pat" Much Pleased Millions Go To Vincent Astor

Already a name has been found for the district to be formed out of the newly-acquired territory of the Province lying beyond the Albany River. District of Patricia is the name henceforth to be applied to the one hundred and forty-seven or eight thousand miles of land, forest and water that will enrich the natural heritage of the Province.

In making the announcement, Sir James Whitney said that the Government had received the consent of his Royal Highness the Governor-General and his daughter to the name being given, and that Princess Patricia was glad that her name should be associated with the increase of the prosperity of the Province of Ontario.

The exploration party, to be headed by Mr. J. B. Tyrrell, is to consist of two land surveyors, possibly an officer of the Crown Lands Department and six Indians.

It is known that a New York law firm will file for probate within a few days the will of Col. John Jacob Astor, who perished on the Titanic. It is understood that it is a comparatively new will, made after Col. Astor's marriage to Miss Force. The lawyers refuse, however, to give any details as to the disposition of the estate, which is estimated at \$125,000,000.

At the time of his second marriage, Col. Astor settled \$5,000,000 on his bride, in view of which it is understood she relinquished her dower rights, in order that the estate might remain intact. A provision had also been made. Mrs. Astor's lawyers say that the bulk of the estate will go to Col. Astor's son, Vincent, who will keep it intact.

For 1912 Colonel Astor was taxed on real property in New York valued at \$41,202,800.

Miss K. Vincent

Public Stenographer

Next Door to Peoples' Drug Store