

Mining Machinery

PRE-WAR PRICES

- ONE—Five Stamp Mill weight of stamps 1050 lbs each, arranged for inside amalgamation, complete in every detail.
- ONE—15" x 9" Blake Crusher, manganese fitted.
- ONE—4" x 6" Dodge Crusher.
- ONE—F & C Sample Grinder.
- Miscellaneous other machinery.

All in Storage at Wabi Iron Works, New Liskeard

Fraser & Chalmers of Canada
LIMITED

59 Beaver Hall Hill, MONTREAL, P.Q.

Canadian Government Railways

Service to all points east and west via Cochrane.

"THE NATIONAL"
Toronto—Winnipeg

Leaves Cochrane Sunday, Wednesday and Friday at 4.45 p.m. for Jacksonboro, Fauquier, Macpherson, Hearst, Grant, Smooth Rock Falls, Kowkash, Tashota, Armstrong, Graham, Minaki, arriving at Winnipeg Mon., Thurs., and Sat. at 4.30 p.m.

Returning leaves Winnipeg Sun., Tues., and Thurs., at 5.15 p.m. arriving at Cochrane 6.55 p.m., Mon., Wed., and Fri.

COCHRANE—QUEBEC

Leaves Cochrane Mon., Wed., and Fri. at 7.15 p.m. for Hughes, Low Bush, Makamik, O'Brien, Amos, Doucet, Parent, LaTouche, arriving at Quebec Tues., Thurs., and Sat. at 7.00 p.m. Returning leaves Quebec Tue., Thurs., and Sat. at 4.30 p.m., arriving Cochrane Wed., Fri., Sun. at 4.10 p.m. Observation, sleeper, diner, tourist, and colonist cars on all through trains.

LOCAL SERVICE.

Local trains leave Cochrane for all points west Tues., Thurs., Sat. at 4.15 p.m. Returning arrive Cochrane Tues., Thurs., Sat. at 11.45 a.m.

Local trains for all points east leave Cochrane Mon., Wed., and Fri. at 7.00 a.m. Returning arrive Cochrane Tues., Thurs., and Sat. at 9.00 p.m.

For further information, time tables, etc., apply to local agent T. & N.O. or direct to

H. A. LAIRD,
District Passenger Agent,
Cochrane, Ont.

Porcupine

MAIN PART OF THE CAMP ON PORTAGE ROUTE FOR TWO CENTURIES. SOME INTERESTING SIDELIGHTS ON THE DISTRICT'S HISTORY.

The people of the Porcupine, indeed the people of Ontario, and even people in general wherever they may live in Canada, are indebted to Mr. S. R. Clarke for a very interesting and informative review of the history of the Porcupine and its growth as a mining camp. Mr. Clarke, who knows the Porcupine District by actual experience these many years and who has undoubtedly given much thought and study to its history and resources, writes as follows:—

On page three of the last special report on Porcupine by Prof. A. G. Burrows of the Ontario Bureau of Mines occurs this very significant paragraph: "The main part of the camp is situated along an old portage route from the Mattagami River to Night Hawk Lake, which had been used by the Hudson Bay Company for a couple of centuries."

It is well known that the fur traders followed the water courses. The birch bark canoe was the vehicle of transportation, and according to the official report its use led indirectly to the discovery of what is prospectively the greatest gold region ever known.

Sudbury came with the C.P.R. on its western way in 1884, and Cobalt with the T. and N.O. Railway, northward, in 1904, but Porcupine was the hunting ground of the Indians until 1909. When the voyageur with his pack on his back took to the portage over what is now the Hollinger Consolidated, he thought not of shear zones or of the marvelous wealth then hidden in the three-mile ore belt, extending from that property all the way to the Newray mines on the northeast. But eventually the geologist and prospector arrived and passed over the same primitive path. On the Hollinger Consolidated there was a large boulder, probably mere "float," but it showed rich in gold, and therefore it invoked the spirit of search, and on the sixth of October, 1909, the great property was staked.

Hollinger's Discoverer

Ben Hollinger, its discoverer, had started from Haileybury with a grubstake amounting to \$35. But even this small sum must have looked large to his backer, for he afterwards sold half of his interest for seventy-five dollars. When the property was turned over to Noah A. Timmins a few months later for three hundred and thirty thousand dollars the staker had eighty-two thousand five hundred dollars for his pains, and Hollinger one hundred and sixty-five thousand dollars.

The location of a mining camp along the trail of the fur trader is something new in history of gold mining. Many such avenues of travel have been obliterated by advancing civilization, and many still remain in the untrodden northlands, but none of these have led to the discovery of great ore deposits, for gold has no affinity for mere water routes, and it was proximity to one of these routes that finally led to the location of the Hollinger Consolidated. It got the start; it focused the attention, and it was the first to be thoroughly developed. In this respect it is at least two years in advance of the Dome and McIntyre Cons., and five years ahead of any other mine in the camp, and in its vicinity is the main centre of activity even to this day. It is only lately that the McIntyre Cons., transferred its mining operations to the north side of Pearl Lake. There it has had signal success on a section of the great three-mile ore zone already mentioned. The Jupiter, further along this zone to the northeast, is now sinking to a depth of 1000 feet.

From the bottom of this shaft a crosscut 2600 feet in length will connect with the workings of the McIntyre Cons., at the same level. Another crosscut will start northeastward and continue well across the Plenaunum to the boundary of the Newray. On the latter property diamond drills set up at the surface and Denver Drednoughts at the four hundred foot level are pounding away day and night in locating and opening up great ore bodies. In fact there is now vigorous mining from one end of this shear zone to the other.

Long Crosscut.

The crosscut already mentioned from the east side of the Plenaunum to the west side of the McIntyre Cons. will for some years at least be the longest crosscut at that depth in the whole camp.

The Porcupine Crown owns about 20 acres actually on this zone of fissuring and deposition of gold. It has a comparatively small but very efficient plant, and has already recovered

the Indians

and Till 1

million two hundred and fifty thousand dollars in gold, while the auriferous belt from the Crown and including the Newray has a production of twenty-two million two hundred and fifty thousand dollars to date. But the queer feature of the situation is that the weight of metal has come principally from the vicinity of the old Indian trail. This is a result due to inherent differences in the character of richness of the ore zone at different points. It is not a matter of geology but is rather to be attributed to the complex psychology of the human mind. Had the old trail led across the Plenaunum or Newray, had these properties first attracted attention and had they been sufficiently developed, they would probably now be yielding the most gold.

So far as one can see, we have in this three-mile ore zone the richest and most compact gold-bearing area in the world. The ore bodies are near each other and can be economically mined from the same shaft. Very large tonnages are available and dividends come in a comparatively short time.

Quick Producer.

In the Kolar field, Southern India, with a production of three hundred million dollars to date, ten years were consumed in making the first producing mine. But the Hollinger Cons. was purchased on the ninth of December, 1909, and began producing on the first of July, 1912, while the total expenditure up to that date on development and equipment was about eight hundred thousand dollars.

The McIntyre Cons. wasted a lot of time and money on a few acres of basaltic schist between the quartz porphyry on the north and the boundary of the Hollinger Cons. on the south. There it lacked room in the absence of an apex law. It is now, however, meeting with almost phenomenal success on the north side of Pearl Lake. But the particular portion of the great ore zone on which

it is working is practically untouched in any of the other properties, though unbroken from the old Miller to the Newray. The latter property has already turned out over two hundred thousand dollars in gold. It is now skilful and economical management with sufficient capital, and it will soon begin production on a large scale.

Porcupine has had remarkable progress to date, considering the many difficulties it had to surmount, and is now only beginning to have a reasonable chance for expansion. There has been a want of adequate capital in many cases. Then many so-called mining experts have not been familiar with geological conditions. Consequently much time has been lost and much money wasted, but in spite of mistakes, strikes, and fires the camp has "muddled thru." Like the grand old British lion, it has at last got into its gigantic stride, and it is now fairly on the way to the long-sought goal. Its yellow metal will assist the allied armies in their relentless march to Berlin, and help to maintain unimpaired the marvelous credit of our empire after the triumphant ending of the great war.

"So it was a happy marriage."

"I should say it was. The bride was happy, the bride's mother was blissful, the Count was in ecstasy, and I understand that his creditors are in a state of delirious joy."

Ernest (after she had accepted him)—Now, Mary, it is only fair for me to tell you I'm a somnambulist.

Mary—That's all right dear. We'll take it in turns. I'll go to your chapel with you one Sunday and you can come to my church the next.

Schumacher Red Cross Society

The regular business meeting of the Schumacher Red Cross Society was held April 5th in the Red Cross rooms. One new member was welcomed.

After the roll call, minutes of previous meeting were read and approved. The Treasurer's report showed expenditures for the month of March as \$87.25. Money received, one membership fee, \$2.00.

It was moved by Mrs. Smith, seconded by Mrs. Hicks that \$50.00 from special fund be sent to Belgian Relief Society—Carried.

Month's work returned:—Mrs. J. Muskett, 1 pr. socks, 2 sheets, 4 pr. pyjamas; Mrs. J. Ferguson, 24 towels, 2 pr. pyjamas, 7 sheets, 12 pillow cases, 1 comfort bag; Mrs. J. Cockburn, 4 pr. pyjamas 1 pr. socks; Mrs. Thompson, 36 towels; Mrs. Stuart Smith, 2 comfort bags, 3 sheets; Mrs. J. V. Angrignon, 14 housewives, 2 comfort bags, 4 pillow cases; Mrs. G. Ray Hicks, 9 towels, 4 pr. socks; Mrs. Johnson, 3 pr. socks; Mrs. Geo. Elliott, 2 pr. pyjamas; Mrs. Geo. Murphy, 2 pr. pyjamas, 2 sheets, 1 pr. socks; Mrs. Lytle, 2 pr. socks, 24 towels, 4 pillow cases, 1 comforter; Mrs. S. M. Beach, 2 comfort bags, 12 housewives; Mrs. A. L. Joyner, 1 pr. pyjamas, 12 towels, 6 pillow cases, 2 sheets, 1 pr. socks; Mrs. Pilon, 12 towels, 1 pr. pyjamas, 2 sheets; Mrs. Geo. Henderson, 20 towels, 1 pr. socks, 6 pillow cases; Mrs. Wm. Richardson, 9 pr. pyjamas, 14 sheets, 30 pillow cases, 1 pr. socks; Mrs. A. McAndrew, 11 wash cloths; Mrs. J. Binell, 4 comfort bags.

S. Marguerite Hicks,
Secretary.

Before Buying your Winter Outfit

See GEILS THE TAILOR

NEXT DOOR TO CANADIAN CLUB CAFE

Note--Pressing, Cleaning and Dyeing Done

Ford Touring Car

for sale

1916 Model, in Good Condition

WILL BE SOLD FOR

Only \$375.00

This is one of the best bargains in autos that you are likely to run across for a long time. Take up the offer NOW before it is snapped up by someone else

APPLY AT

The Advance Office



AN AGE-OLD SECRET

Suppose some famous beauty of the olden days had included in her diary, a list of toilet aids—we would probably read therein that the witchery of her smile she owed to "just a bit of charcoal."

CORSON'S CHARCOAL TOOTH-PASTE

is a wonderful new dentifrice, silver grey in color, velvety yet effective in action and extremely pleasant to use.

The refined charcoal in this Paste whitens the yellowest teeth, hardens the gums and gives to the mouth a sensation of sweet cleanness.

Just a day or so—you do not have to wait long for results—and you will note with satisfaction how white your teeth are getting.

ASK FOR THE TUBE IN KHAKI

25c.

For Sale by
All Druggists



PRICE
25c.

CHARCOAL TOOTH PASTE
MADE IN CANADA