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McINTYRE ADDITION WILL ADD 150 TONS TO DAILY CAPACITY

The tonnage treated by the McIntyre mill during the month of July will be well over 12,000 tons and the heads are being maintained at \$8.00 per ton.

By the addition of another unit to the McIntyre Mill the capacity will be raised from 450 tons daily and construction on this unit has already been commenced. The 150 ton addition put in last spring raised the mill capacity from 300 to 450 tons daily.

For the present, equipment for a cyanide plant only is being installed so that 500 tons can be treated without adding any further crushing machinery. By adding a ball and tube mill the plant can be raised to the desired capacity of 600 tons daily.

Pte. W. A. Bushfield Writes From Belgium

Following is an interesting letter received by Wm. Smith from "Bill" Bushfield, now at the front:

Somewhere in Belgium,
July 27th, 1916.

Dear Bill,—

Well, here I am at last, Bill, right over where they are holding this darn war. Have been here since the first of the month, but only up in the war zone two weeks as I was at the base for nearly two weeks. Casey and I are the only two of the gang you know that came up and the rest, Dick Phayre, Pink O'Connor and Les Weldon are still down at the base, as they only sent twenty of us out of 100 up here. Frank Fettes couldn't get away as he was taking a course, and Olmstead transferred to an ammunition column that his brother is in, so that clears up the bunch of Timmins boys who were left behind.

It is "Jake" here, Bill, to what it was in England, no parades, or roll calls, or cleaning buttons, etc.; you know what you have to do, and you do it. I am back in the Signallers again, as my old Sig. Sergt. told Felix Bourdignon and myself (two former Signallers) that we were to go back to the Sigs. again as they were short of men, so here we are.

I was around headquarters for a few days getting our bearings and was then sent out to work on this station. There is three of us on at present and one is Steve Burrows, we did have four men for a while. We work in eight hour shifts and just now I am writing this at 1:45 a.m.—some hour, eh! It is dandy though, and a lot easier than in the Companies where you have to go out every night on working parties, and Slim told me to go back in the Sigs. again if I could. He is just the same as ever and as good-hearted as before. He showed me the German rifle he got and it is a dandy. Len Dunsford got a "blighty" and is having some time convalescing in England.

I have been up the line a couple of times to another of our stations and its close enough to the trenches that Fritzie plays a machine gun along the sand bags through the night. Things have been pretty quiet around here lately although they drop a few shells over once in a while, just to let us know the war is still on.

I located my brother yesterday, and to-day I took a trip over to see him, it is about three miles from here and we usually travel overland any old way here. You should see how the shells smash up the villages around here. They sure make a good job of them.

Well, Bill, I must close or I'll fall asleep on the job. I did not get any sleep at all last night as I was out on the line after my shift.

Say, Bill, I guess a couple of those parcels went to Slim here, as they say they received some, and we can't send them back to England as we can a letter. I thought I would let you know that some of the boys from Timmins got them anyway.

Well, now that I am really settled, Bill, be sure and write often, and in a week or so I'll write you again and give you a more interesting letter. Best regards to Mrs. Smith and the Baby and Dad.

Yours,
"Bill" Bushfield.

Remember the Red Cross Dance on Friday evening. Help yourself to a good time while you are helping the good cause.

DOMELAKE MINE WILL CONTINUE SHAFT TO 700 FOOT LEVEL

Both the 300 and 400 foot levels of the Dome Lake mine are opening up splendidly and the results of the work during the past week has been fully up to expectations. On No. 1 vein, which is around six feet in width, drifting has been continued, and sampling shows the values to remain very consistent around \$11.50 per ton. The production for July compares very favorably with the previous months. For the month the mill made a 91 per cent. extraction. A start has been made with the foundations for the mill enlargement and within the next few days a start will be made in the deepening of the shaft to the 700-foot level. First of all sinking will be continued without interruption until a further depth of 150 feet is attained, where a new level will be established, after which the shaft will be continued to the 700-foot level.

STEAM ROAD ROLLER PURCHASED AND ALSO A WATER WAGON

The road roller which has been the talk of the camp for the past month or more has at last been purchased by the Good Roads Association.

Mr. Kaeding, General Manager of the Dome Mines, left last week for Hamilton, and after trying it out on the hills around that city for three or four days, decided it would be satisfactory for use in the Gold Camp and had it shipped to Schumacher. It is expected to arrive any day now.

As the steam roller uses about 600 gallons of water a day, it was necessary to also purchase a water tank or wagon, and this is also fitted up so that it may be used as a sprinkler.

It is understood that the government road builders will undertake the operation of the roller in the camp.

Two-Foot Vein Cut At The Schumacher

A new find has been made on the Schumacher property, according to advices from F. L. Culver. In a cross-cut on the 100-foot level to the southeast from the old shaft, a vein two feet in width with plentiful showings of free gold, was cut. The vein is one that runs across the Aene and the Schumacher properties in a north-easterly direction.

Entrance Exams. Successful Ones

The following candidates, in High School Entrance Examinations held last June at South Porcupine, were successful:

MYRTLE CAMPSALL
VERNA HAWKINS
REBECCA LEVINE
JEAN WATT
ROSE YOUNG

The delay in announcement of the results has been due to some misunderstanding. The names were forwarded a couple of weeks ago to Mr. Dowler for publication, but the letter must have gone astray owing to the principal being away on a vacation.

TIMMINS SOLDIERS DEPART ON NOON TRAIN TO-DAY.

Captain Allan. Sergt. Dodds, and the thirty-five men who have been stationed in Timmins since the big fire, left for Camp Borden on the noon train to-day.

These men have made a good reputation for themselves during their stay here, and when the roll was called last night every man was in his place, in spite of the fact that it would be his last evening in the Gold Camp before departure for Borden.

Arrangements were made whereby the Citizens' Recruiting League saw to it that the men were amply provided with fruit, tobacco and chocolate on leaving.

Remember the Red Cross Dance on Friday evening. Help yourself to a good time while you are helping the good cause.

Good Vein Encountered In New Hollinger Shaft

FINE SPECIMENS OF VISIBLE GOLD—APPARENTLY VEIN DOES NOT ENTER MONETA PROPERTY—NEW BALL MILLS ADDS TO CAPACITY OF PLANT—NOW HANDLING 1900 TONS PER DAY—NEW CENTRAL DISTRIBUTION OF POWER.

The new shaft being sunk for exploration purposes on the old Miller property of the Hollinger Consolidated, has disclosed the presence of a rich vein which starts in the Hollinger side of the shaft at a depth of about eighty feet from the surface.

The vein shows a width of three inches where encountered in the shaft and about three feet at the present point of development. This gold-bearing body was formerly known as the blue vein but is now designated No. 8 shaft. No sampling has been done as yet, but the ore shows good specimens of visible gold and will likely assay rich.

The fact that this exploration work is being prosecuted close to the Moneta line has given rise to some rumors respecting the status of the latter property in relation to the Hollinger and has resulted in an advance of some five or six points in the price of Moneta stock during the past couple of weeks. Mr. Globe, of the Hollinger Consolidated, when seen yesterday afternoon, informed the Advance that there was nothing in the rumors. He also said that a peculiarity of the strike was the fact that the vein started on the Hollinger side of the shaft and there is no trace of it running toward Moneta property.

The new ball mill which has just been added to the Hollinger plant is running this week and the mill is now handling the scheduled tonnage of

1900 tons daily, while previously only 1600 tons were being sent to the mill each day. The cyanide plant has also been equipped with tray thickeners having a double capacity, adding to the general efficiency of the plant.

Three cars of machinery from Milwaukee, Wis., came in by express for the Hollinger last week. This method of transportation was necessary because under present conditions the big mine could not depend on prompt delivery by freight, and although the excess cost will be considerable it will likely be equalized by the time saved in installing.

The new electric sub-station and transformer house is one of the features of the recent consolidation, whereby all electrical energy will be centrally and efficiently distributed. Two large transformers were installed during the past week, each of which will be capable of transforming approximately 2900 horse power of electrical energy, or a total of 4000 horse power. This work has been delayed by slow delivery of materials, some of which have been on order since December last, but it is expected the sub-station will be in full operation in the course of about two weeks.

Work on the new mill addition is progressing rapidly and the concrete work is about completed. Framing is now going on and general erection will be under way shortly.

SCHUMACHER TROUCE TIMMINS TEAM IN WEEK-END GAME

Many of the baseball fans went to see the game at Schumacher on Sunday afternoon between Timmins and Schumacher, expecting to see something bombastic in the way of hostilities after witnessing the exhibition game at Timmins on Wednesday.

They were, however, doomed to disappointment in this respect, the game proceeding quite harmoniously except when Tripp tried to champion some imaginary offence to one of his team mates at third base. Nevertheless, he pulled a favorite alibi—"Hold me, father, you know my temper best"—before reaching the danger zone.

The game was not as fast as expected, owing to a strong wind which carried sense clouds of dust across the diamond and at times interfered with the game, the players being unable to see the play.

Sheehan, who was on the mound for Schumacher, was in excellent form and had the Timmins boys eating out of his hand in the first of the game, while Brissson, who pitched for Timmins, was not in his usual form, although he pitched a good game, having twelve strike-outs to his credit to Sheehan's eight, and should have put a different complexion on the result had not so many errors been made behind him.

LINE-UP.
Timmins
Neal, 2b.
Peocore, cf.
W. Pierce, lb.
Smith, c.
Brissson, p.
Carmichael, 3b.
H. Pierce, lf.
Kelley, ss.
King, rf.
Umpires—Sullivan and Ratz.

1st Inning.
Timmins.—Neal walked; Peocore walked; W. Pierce out on high fly to left field; Smith forced Neal at third; Brissson walked, filling the bases; Carmichael grounded to Coffey.—0 runs, 0 hits, 0 errors.

2nd Inning.
Timmins.—H. Pierce grounded to Sheehan; Kelley fanned; King was hit by pitched ball; Neal singled; Peocore whiffed.—0 runs, 1 hit, 0 errors.

3rd Inning.
Schumacher.—McIntyre walked and was forced by Houston; Tripp walked; Shepley was safe when Carmichael fumbled what should have been an easy double play, filling the bases; Nolan fanned; Racieot singled, scoring Houston and Tripp; Coffey fanned.—2 runs, 1 hit, 0 errors.

4th Inning.
Schumacher.—Sheehan walked and stole second; McAndrews flew out to H. Pierce; Sheehan went to third and scored when Pierce made a bad throw to third; Houston fanned.—1 run, 0 hits, 1 error.

5th Inning.
Timmins.—H. Pierce and Kelley whiffed; King walked; Neal flew to Racieot.—0 runs, 0 hits, 0 errors.

6th Inning.
Timmins.—Carmichael fanned; H. Pierce did likewise; Kelley was out on a long fly to deep center.—0 runs, 0 hits, 0 errors.

7th Inning.
Timmins.—King whiffed; Neal out Sheehan to Houston; Peocore singled; W. Pierce out to Houston unassisted. 0 runs, 1 hit, 0 errors.

8th Inning.
Timmins.—Smith singled; Pierce singled; Carmichael grounded out to Houston; Smith going to third and Pierce to second; H. Pierce out, Coffey to Houston; Smith scoring, W. Pierce going to third; Kelley out to Houston unassisted.—1 run, 2 hits, 0 errors.

9th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

10th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

11th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

12th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

13th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

14th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

15th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

16th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

17th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

18th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

19th Inning.
Timmins.—King was called out at second on what looked to be a safe double; Neal fanned; Peocore hit; W. Pierce walked; Smith rolled to Sheehan.—0 runs, 1 hit, 0 errors.

CROESUS MAKE NEW START IN REBUILDING THEIR DESTROYED PLANT

A carload of lumber has been ordered for the Croesus Mine in Munro township as a preliminary to the reconstruction of the buildings destroyed by fire. Only about a week previous to the fire the new head-frame had been completed and the buildings and plant put in first-class shape. Whether the compressor has been too badly damaged to be repaired is not known as yet but it is quite probable that an entirely new outfit of machinery will be required. Everything burnable on the property went up in smoke.

The surviving men from the mine are living at Matheson Station in tents for the time being.

WIVES AND CHILDREN OF LOCAL SOLDIERS WELL PROVIDED FOR

Full credit is not being received by the Hollinger mine employees for the magnificent monthly donations made by them to the Patriotic Fund by subscribing a percentage of their wages. This money goes to headquarters at Ottawa through the medium of Toronto and Montreal, and although the money is properly accredited at headquarters, the general public of Timmins have not been in a position to learn the source of the subscriptions, as there is no local branch of the Patriotic Fund in this end of the gold camp, and requisitions for grants from the Fund must be forwarded to Ottawa.

The Hollinger employees subscribe a total of \$27.00 each month, which is considerably more than this district gets out of the fund for soldiers dependants. The money is deducted on the 12th of each month, two days previous to the regular pay day at the mine.

The number at present in Timmins district receiving help from this source is fifteen wives and thirty-two children of soldiers on active service.

AMERICAN INVESTIGATING CANADA'S MOLYBDENUM WORTH \$2,400 TONS

Daniel Moran, of New York, inventor of the air lock used in deep foundations for sky scrapers, is journeying through Canada with eyes and ears open for mineral deposits.

He, with other American and English financiers, has been investigating a seam of molybdenum at Amos, Que., in the Hurriennaw district.

"It is claimed," said Mr. Moran, "the Germans used molybdenum in the lining of the barrels of their big guns to make them last longer. In this country it is used in tool steel, but the war has advanced its price from 25c to \$1.25 a pound."

Molybdenum is not easily extracted from the rock. You pay \$2,400 a ton for the concentrate, and you do well if you get 4 per cent out of that. However, if it improves the artillery of the Allies it would be worth going after if it only returned 1 per cent.

THREE PRIZES GIVEN IN RECRUIT LEAGUE CONTEST.

The drawing contest arranged to aid the funds of the Citizens Recruiting League has now an added attraction in the way of three prizes of ten dollars each for the three persons buying the largest number of tickets for the handsome player piano which is being contested for. Tickets may be secured at Marshall-Ecclestone's in Timmins; J. R. Todd, in Schumacher, and Wm. D. Pearce in South Porcupine. Full support of the camp is solicited in this endeavor to raise much needed funds for the work of the recruiting committee.

PROGRESS AT WEST DOME.

General Manager Trethewey is very optimistic on the result of diamond drilling on the West Dome Consolidated. The last diamond drill cores show over three feet of \$14 ore at a depth of 1400 feet. In drill hole No. 3, at a depth of 1600 feet, six feet of ore was cut, averaging close to \$4.

HOLLINGER MONTHLY REPORT SHOWS HIGHER GRADE ORE MILLED

The first monthly report of the Hollinger Consolidated Gold Mines Limited, just mailed to shareholders, together with dividend cheques for the period ending July 14th, shows the gross profits for the four weeks to be \$215,165.16. The total quantity of ore hoisted was 46,018 tons and the greatest depth from which ore was hoisted was the 1,250-foot level. Only 83 tons came from that level and 20 tons from the 1,100 foot level. The greatest tonnage from development came from the 425 foot level, from which point 3,414 tons were hoisted.

In ore taken from stopes the greatest tonnage came from the 200 foot level, from which depth 16,750 tons were hoisted. No ore from stopes came from below the 550 foot level. Including 1,849 tons of rock hoisted in development a total of 47,867 tons were hoisted during the period. The mill ran 93.8 per cent. of the possible time, and the average value of the ore treated was \$9.15 per ton. The milling costs were \$0.969 per ton and the total working costs \$3.990 per ton of rock milled.

From the above figures it is seen that the ore treated for this last period is considerably higher than the average for the first six months of the year. During the six months the average grade of ore treated was \$8.80 per ton, against \$9.15 for the period between June 16th and July 14th. The costs for the 24 weeks, however, were lower, averaging \$3.36 against \$3.74 for the last period.

CALLS NICKEL POLICY JOKE IF IT WAS NOT SO SERIOUS

"Amusing, if it was not such a serious subject," is the way R. R. Gamey, M.P.P., describes the nickel situation.

"The move to refine at a point on Lake Erie, a few miles from Buffalo, the nickel Canada and England wants and to continue to refine in the United States all the rest of the world wants is a joke," he said. "When this war started Canada and England did not buy one-tenth of the nickel that the International Co. produced. Germany was the chief buyer. As soon as the war ends Germany will buy from them again, which is a fair assumption that they intend to go on after the war closes refining in the United States; selling to Germany; selling to any country or person they choose to without any control by us in any way; and only intend to refine as close as they can get to Buffalo the few tons England will buy from them."

"Perhaps England would not buy one ton from them after the war, as there is an English company now refining nickel in England, another English-Canadian company about to start; so why should England buy any nickel from the International Nickel Co. after the war? Then, of course, according to this arrangement they need not refine any in their near Buffalo plant, but can keep on refining in the United States as they always have done; and they will not likely refine one pound in Canada before the close of the war in their proposed plant; so that it is all a joke on us if they get away with it."

Exhibition Game Wranglers' Contest

The exhibition game on Wednesday afternoon last, between Schumacher and Timmins, started off like a real baseball game, but developed into a wrangling contest.

The umpire came in for the lion's portion of the compliments, as usual. Naturally the umpire is always to blame, whether in the right or wrong, and when the captain of the team starts to growl, from real or imaginary reasons, the remainder of the team needs must do likewise as a matter of principle.

Of course, some of the players do not, or cannot, appreciate the manner in which the spectators regard this sort of thing—many of whom went home in disgust—otherwise they would make an effort to improve the game and play it as it should be played.