# WASAPIKA GOLD MINE

# Latest Development Attracts Attention of Mining Men

recovering from the adverse conditions created by the war. Unfortunately, none of its near mines had obtained a real start before the great conflict began. Even hundreds of thousands of tons of rich cre blocked out cannot be turned into money without a mill or some adequate machinery for reducing it to bullion, and it was not possible to assemble a sufficient plant until the present year. Even a rich property like the Wasapika Gold Mines was compelled to mark time or else pay double the normal prices for the erection of a mill.

The gold mining district of West Shining Tree is very well situated. In fact it is in the very heart and centre of the great mineral region of Northern Ontario. Porcupine is due north 60 miles; Cobalt is east and Sudbury, our oldest mining field, is about the same distance south as Porcupine is north.

But geological conditions are far more important than mere geographical position, and West Shining Tree has been specially favored in respect of its gold-bearing formation. We find there the same basement rock as at Porcupine, and though the shear zones are not usually as wide as in the older camp, they are on the whole better defined. There are also a Dynamic action was intense on the Wasapika Gold Mines, and head. greater number of gneous intrusions, including granite and syenite of the Algoman epoch, as well as dikes of Olivine diabase.

Fracture, intense heat and pressure, to gether with the free circulation of hot vapors, are all necessary factors in vein formation and the deposition of gold, and these have all been very pronounced in the vicinity of the Wasapika Gold Mines of West Shining Tree.

Under conditions such as these a large a mount of gold would be brought up in solution from the region of fusion, and would also be leached laterally from the adjoining rocks. In geological parlance there would be lateral secretion, as well as infiltration from ascension, and both on an extensive scale.

Dynamic action was intense on the Wasapika Gold Mines, and beside, it continued throughout long periods of geological time. The great Ribble Vein now being worked by the Wasapika shows the power as well as the nature of the forces both physical and chemical which came into play. This vein is one of the largest and strongest in the camp. It can be traced by numerous outcrops for over 2 miles, and it is an axiom in mining geology that where there is great length there is also great depth, and the also involves a well-founded presumption of a high content in the precious metal.

The Ribble Vein has been uncovered for 2,000 feet on the Wasapir Gold Mines. It has been very carefully sampled by George R. Rogen E.M., and over 100 samples were submitted for assay at the Government Assay Office in Toronto. Out of this unusually large number there we not a single blank, while the average was unusually high, and values

It is scarcely fair to submit any property to the rigid test of a surface examination. Even the McIntyre, one of the big mines of Po pine, cannot compare with the Wasapika in this respect. Above payable values did not exist. In fact, values nearly doubled 600 and 1,000 feet, and lower down they still show a marked in

On the Hollinger Consolidated there was a great improvement below 200 feet, and this has continued to much greater depths.

The Ribble Vein has been deformed, dislocated and folded by intense dynamic action, but this has not affected the deposition of gold. On the contrary, Waldemar Lindgren, of the United States Geological Survey, says that veins thus flexed and folded are considerably richer than veins more regular in their course. This has also been proved at the Mysore Mine in the Kolar field. Southern India. A single vein on this great property shows many rolls and folds. In fact, in places it doubles back on itself. Its values in gold are, however, very even and consistent as well as income. Its values in gold are, however, very even and consistent, as well as unu

Its values in gold are, however, very even and consistent; as well as unually high. Its production is about \$100,000,000, and J. Malcolm M laren, D.Sc., the eminent geologist, describes it as "certainly the m notable shoot known in the history of gold mining."

The Ribble Vein has all the geological earmarks of a great gold p ducer. The dynamical metamorphism in this vicinity must have been v great, and thus an adequate channel has been formed for the segregation ascension and deposition of the gold. The metal cannot gain access m massive or solid and impervious rock, hence the importance of ore chancels, which in this case seem to be due to contacts between different formations and to fissuring, shearing and shattering from the surface down it must be to the horizon of flowage.

Very strong evidence as to the value of the Ribble Vein has been to nished by Reginald E. Hore, B.A., Editor of The Canadian Mining Journ and a very reliable authority. In an article published on the 15th August, 1918, Mr. Hore stated that this was one of the most promising the strong strong strong evidence as to the value of the most promising the most promise the most promis

and a very reliable authority. In an article published on the August, 1918, Mr. Hore stated that this was one of the most pr August, 1918, Mr. Hore stated that this was one of the most promising deposits in West Shining Tree. He also went on to declare that those familiar with the gold deposits in Northern Ontario would find the altered wall rock from the shaft on the Wasapika Gold Mines to be quite similar to the grey ferro dolomite at the Hollinger Consolidated. And he adds that so far as their composition affects them, the wall rocks are kindly disposed. They have been much altered and saturated with carbonates, and then the fissures have been filled with auriferous quartz.

In fact the type of the Ribble Vein is largely that of the Hollinger Consolidated, and West Shining Tree itself is very closely related to the great Porcupine camp.

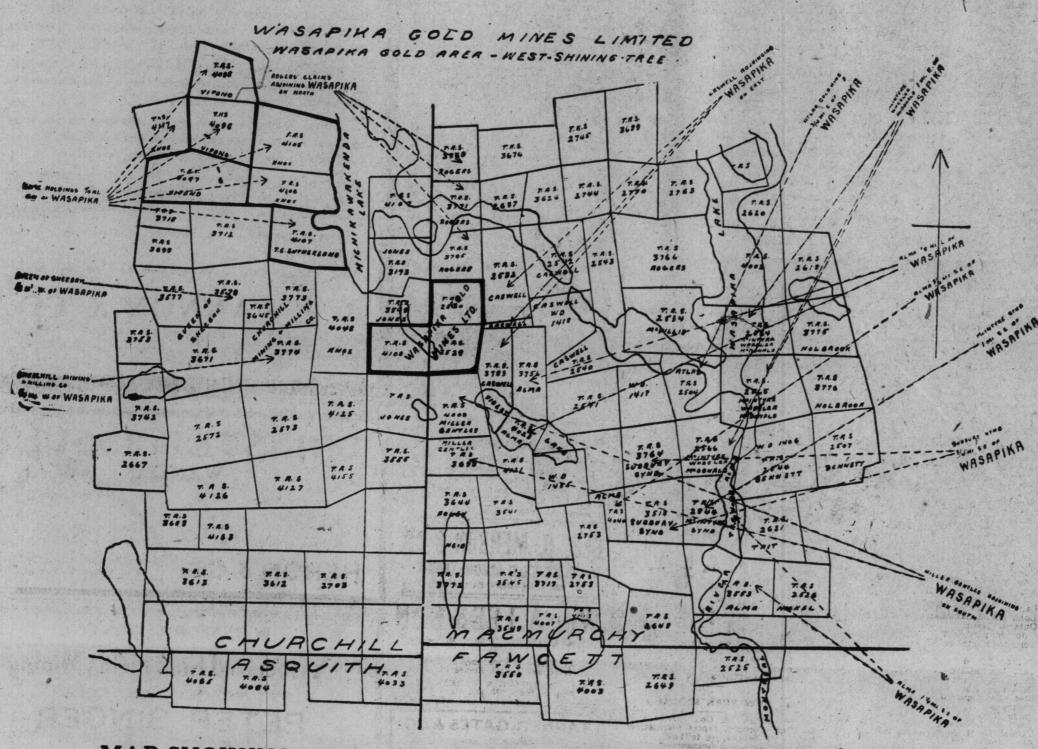
great Porcupine camp.

The Ribble Vein eccupies a contact between andesite on the east at rhyolite on the west, the two formations being about sixty feet apar And Mr. Rogers, who has been in charge of the work from the beginning thinks that the whole contact zone will carry payable ore at a moderate

Wasapika Mine have led to the sale of the Knox property adjoining twest. \$50,000 has been provided by American capitalists to car operations at this property during the present year. The prop financed by men well known in mining circles across the border at lately acquired large interests at West Shining Tree and throughout whole camp there are now many signs of great material progress.

Released from the incubus of the war, the Wasapika Gold Mine be pushed rapidly to the productive stage. As the supply of labor in creases it becomes more efficient, because it is possible to select employed. Then every reduction in the cost of food, or in steel, explodives, chemical or machinery adds directly to the profits of gold mining. There is a difficulty in marketing the product. In fact, a premium can be obtained on all gold bullion, owing to the rate of exchange between the Un

The Wasapika Gold Mine is now in a very advantageous The necessary machinery has been moved to the mine, and a year's sof provisions are on hand. A very considerable tonnage of ore has blocked out. In fact, sufficient to justify the erection of a mill during the coming summer. Most of the material for this is already on the ground. It should at once take its rightful place as the premier mine, the Hollinger Consolidated of West Shining Tree. S. R. CLARKE.



## MAP SHOWING LOCATION OF WASAPIKA GOLD MINES, LIMITED

THE HUB OF WEST SHINING TREE

telative Location of Properties Within Radius of Mile, All of Which Have Been Taken Up Largely Through Developments at Wasapika.

### COBALT SHIPMENTS

The ore shipments from the Cobalt camp last week, according to official information received by Hamilton B. Wills, of the Wills' Building, over his private direct wire from the camp were made up of five cars, of which four cars contained 297,496 pounds. The tonnage shipped by Dominion Reduction is not given. That consistent shipper, McKinley-Darragh, heads the weekly list with 86,486 pounds, closely followed by Trethewey.

The complete list as given out by the T. & N. O. Railway is as follows:

McKinley-Darragh

Cars. Pounds.

Trethewey

1 86,486

McKinley-Darragh .....

Frethewey ..... Dominion Reduction .....

Total ..... 5

### MONTREAL PRODUCE.

Montreal, March 8.-Prices for both oats and barley closed today at a much higher level than a week ago, but the ceipts 400; steady, higher level than a week ago, but the demand was again very limited from all sources, and the volume of business light. Car lots of Ontario extra No. 2 barley were quoted at \$1.07, No. 3 at \$1.06, No. 4 at \$1.05, and Manitoba sample grades at \$1.01; No. 2 Canadian western oats at \$65c; No. 3 C.W. at 79½c; extra No. 1 stage, \$1.25 to \$19.50; pigs, \$19.00 to \$55c; No. 2 feed at 72½c; Ontario No. 2 white 74c, and No. 3 white 71½c per bushel, ex-store.

With continued favorable producing weather and comparatively heavy receipts for the season of the year, a weak feeling prevailed in the local egg situation prices scored declines amounting to 3c. The feature of the millfed trade.

The feature of the millfed trade.

ers for bran, but owing to the very limited quantity of this feed available miliers and dealers have not been in a pound of business was comparatively small, for rolled oats.

The readure of the local butter sites this week.

Receipts at the Union Live Stock Yards for today's market consist of 208 cars—for the bush and the Hunt-for today's market consist of 208 cars—for today's market consist of 2 for today's market consist of 208 cars-4050 cattle, 215 calves, 1800 hogs and 369 er street station

MUNICIJAL ABATTOIR KILLING, 

Total number of live stock slaugh-

EAST BUFFALO LIVE STOCK.

East Buffalo, March 8 .- Cattle he-

er dozen.

The feature of the millfeed trade has een the good enquiry from country buyted quantity of this feed available millted database the declaration of the serious and hos market steady at Friday's quotations.

Winnipeg, March 8.—Receipts at the Union Stock Yards today were 300 cattle, 8 calves, 184 hogs and 163 sheep. Cattle and hog market steady at Friday's quotations.

### HAMILTON NEWS

Ten-year-old Russel Taylor, son of F. W. Taylor, 19 Minto avenue, was killed on Saturday afternoon when struck by a motor truck at Barton street and

Dr. A. G. Grant, speaking in St. Andrew's Presbyterian Church today, denied Sir Sam Hughes' charges of wanton loss of Canadian soldiers' lives at Mons Dr. Grant returned recently from the

A banquet to 400 returned war heroes will be held in Hamilton on Thursday. March 20, under auspices of the Hamilton repatriation committee.

Dr. J. L. McBrien of the federal bureau of education, Washington, D.C. in addressing the members of the Canadian Club in the Royal Connaught Hotel on Saturday night strongly advocated free high school education for boys and girls in the rural districts.

we board in refusing any longer to guarante the American farmers and the market steady at Priladys question of the result of the Lo B. B., comprising the self-interest steady at Priladys question of the control of the Lo B. B., comprising the self-interest steady at Priladys question of the control of the Lo B. B., comprising the self-interest steady at Priladys question of the Canada and the district. In the clinity of this feed steady prilate and the self-interest steady at Priladys question of the control of the Lo B. B., comprising the self-interest steady at Priladys question of the clinity of the lides, green flate. So, control of the Lo B. B., comprising the self-interest steady at Priladys question of the control of the Canada and the district. In the clinity of the lides, green flate and priladys question of the control of the Canada and the self-interest steady prilate. The priladys question of the control of the Canada and the self-interest steady prilate. The priladys question of the control of the Canada and the self-interest steady prilate. The priladys question of the control of the c

### **MILITARY POLICE EXCHANGE SHOTS**

Germany--Constable Badly Injured.

Guelph, Ont., March 9 .- There is

forehead and as he fell carried For The Berbiuchs made their way safely out of the house. They ran

### tives made direct for the bush and escaped. First B'uai B'uth Lodge To Be Opened in Ontario

dian Club in the Royal Connaught Hotel on Saturday night strongly advocated free high school education for boys and girls in the rural districts.

It is stated that announcement as to white some for the site of the international live stock show will be chosen for the site of the international live stock show will be thosen for the site of the international live stock show will not be made until April.

Visiting preachers on Sunday in Hampler of young men who are alleged to be group two absentees under and Rev. Captb. J. F. Reycroft, who spoke to the Men's Club at Barton Street Methodist Church.

Street Methodist Church.

U. S. War Board Refuses to Further Fix Price of Pork

The action of the United States

To be action the trust of advance during the current year.

The action of th The action of the United States others went on further to St. Agatha, war board in refusing any longer to St. Leoch of the United States others went on further to St. Agatha, representing District Grand Lodge No. war board in refusing any longer to guarantee the American farmers a others went on further to St. Agatha, representing District Grand Lodge No. St. Jacobs, and the district in the vicinity of Kitchener. It was the first vicinity of Kitchener. It was the first two crews which met with residence of the long that the control of the long that the lon

Do Not Want Housing Company Black Knights and Grand Taken Over by Trust Cor-

poration.

To Be Opened in Ontario

As a result of the proposal to turn over the properties of the Toronto Cornwall, Ont., March 8.—An Housing Co., to the Trusts and Guar-portant gathering of Orangemen

### **ORANGEMEN MEET** IN CORNWALL SOON

Lodge of Ontario East to Gather.

Guelph, Ont., March 9.—There is ample evidence that there are a large number of Germans still in Canada and who remain as yet undefeated. This fact can be proven by Inspector Wm. Lane, of the Dominion Military Police, and the squad of men he took with him out to the village of New Germany, a small German settlement about the same distance from Guelph and about the same distance from Ritchener er early on Sunday morning. As the result of their trip one of the Dominion police, Constable Gegyin by mane, is in the General Hospital here suffering from a severe shot wound in the top of the head, while some of the others are badly used up. From the

Several Record

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Sales amot

Sales amor Last week pansion of comaterially reserves show gain.
Liberty bodomestic isself flotatio Total sales, \$6,350,000. Old United changed on

GOOD EA BY N

Boston, steel for the ed about \$1 150,000 share was after all dends and a steelendar year ferred divide share.

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