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FOUR GOLD CAMPS IN NORTH COUNTRY

Review of Active Developments and Comparisons of Rich Fields in this District.

In a recent article in The Toronto World a review is made of Northern Ontario's four great gold camps, chief of which, so far, is our own Porcupine. The writer in The World says: "We have in Northern Ontario four promising gold districts — Kirkland Lake, Munro, Porcupine and West Shining Tree. The three first named are reached by the T. & N. O. Railway. The last, though only fifty miles south of Porcupine, is about 20 miles from the Canadian Northern at a point 80 miles northwest of Sudbury.

"In Munro the famous Croesus and the Burton-Munro are working. Cawthron Mulock and other Toronto capitalists own the King Midas, adjoining the Croesus on the east, and several other mines owned by Toronto capitalists will start work in the spring. The Croesus has produced fabulously rich ore, but nothing authentic can be obtained to show that the production is over \$200,000 to date.

"In West Shining Tree there are many properties staked and many occurrences of visible gold, but owing to the great expense of transportation there is not much work in progress.

"Porcupine and Kirkland Lake are our most important gold regions. The latter may be described as our only telluride field. Outside of it the world has only Kalgoorlie with an output considerably over \$200,000,000, and Cripple Creek, \$300,000,000.

"Kirkland resembles the West Australian region more than that of Colorado. At the contact of the sediments with the porphyry, there is, at Kirkland, a well-defined zone of crushing and fissuring and in this the most important deposits are found. It seems now fairly well established that such a contact of the fragmental with the igneous rocks means an ore body, and though there are many igneous intrusions and the geology is somewhat complicated, there is, apparently, only one type of deposit, and that is easily discovered when the conditions under which it occurs are known. Lode formations prevail. In fact, imprecations of the country are typical of the three telluride goldfields of the world.

"Boston Creek may be considered as a part of the Kirkland Lake district. In it the predominant rock is a gray schist derived from volcanic fragmental material and iron formation very much metamorphosed. There are some traces of porphyry and some tellurides in places, but, on the whole, it is different from the other districts, though the introduction of the gold is due to later intrusions of porphyry and other igneous rocks.

"In Porcupine the ore bodies are larger and the rocks are softer than in any of the other districts, and though the vein structure often occurs there is considerable irregularity and, in fact, only a few fissure veins. There is, however, more silica than at Kirkland, and if the ore is not in a vein it is generally found in the highly altered and heavily mineralized schist. Then there are differences in the mines themselves. The Dome is not identical with the Hollinger Consolidated or McIntyre. There are sedimentary rocks unfolded with the schist and porphyry and the ore is found in enormous shoots which are not continuous along the strike as not continuous along the strike as

"Then Porcupine has its ferro-dolomites cut by quartz veins and this type is coming into prominence by reason of the very favorable results on the Anchorite."

ANNUAL MEETING OF THE ABI-TIBI POWER AND PAPER CO.

According to despatches from Montreal, although no official figures were given out for publication, the financial statement of the Abitibi Power & Paper Co., Limited, submitted at the annual meeting recently in Montreal is understood to have shown earnings equivalent to something better than 10 per cent. on the Company's \$5,000,000 common stock, after allowing for a full year's preferred dividend, but before depreciation and other writing off.

After meeting interest charges, the net profits for the year were approximately \$600,000. For depreciation, writing off, etc., there was appropriated approximately \$365,000, and a balance of \$220,000 was carried forward.

The Abitibi Power & Paper Co.'s big plant at Iroquois Falls is one of the North Land's greatest institutions.

A steeplechase horse, called The Chandler, is reported by the Book of Wonders to have covered thirty-nine feet in a single leap at Warwick, England, a few years ago.

CANADA'S LIGNITE MAY REPLACE COAL

Government Research Report Suggests Way to Become Independent of U. S. Coal Supply.

If the plans and ideas of the Research Council recently created for the study and solution of commercial and national problems of a material kind prove as successful as they appear at present, Canada will cease to be unpleasantly dependent on the United States for coal as fuel. The particular plan that promises this relief is one regarding the use of a fuel developed from lignite. There are large quantities of lignite in Saskatchewan, and the Research Council has a scheme well advanced for the development of two grades of fuel from this lignite supply. One grade of this fuel resembles anthracite or hard coal, and the other grade is similar to soft coal. The Department of Mines and the Commission of Conservation have both been working on the matter, and the results are said to be very satisfactory. The Research Council last week announced that if the studies now in progress give continuing satisfactory results they will advise that an experimental plant to turn out this high-grade fuel on a commercial scale be erected, and that the possibility of producing this fuel at a cost considerably less than that at which coal from the United States is now laid down in Manitoba and Saskatchewan be demonstrated on a large scale and the fuel actually placed on the market. The general public will watch the matter with deep interest, and if the Research Council accomplish this one thing they will have fully and completely justified their existence.



SALE OF HARDWOOD TIMBER

Tenders will be received by the undersigned up to and including Monday, the 2nd day of April next, for the right to cut the hardwood timber on the Townships of Merrick, Mulock, Stewart and Lockhart in the District of Nipissing.

Tenderers shall state the amount they are prepared to pay per M. ft. B.M. for the hardwood timber in addition to the Crown dues of \$1.50 per M. ft. B.M., and the amount per cord for timber cut into cordwood, in addition to Crown dues of 25¢ per cord.

The successful tenderer shall be required to erect a suitable plant, costing with the equipment and machinery thereof not less than \$100,000, on or near the territory, and to manufacture the timber in the Province of Ontario.

Parties making tender will be required to deposit with their tender a marked cheque, payable to the Honourable, the Treasurer of the Province of Ontario, for \$10,000, which amount will be forfeited in the event of their not entering into agreement to carry out conditions, etc.

The highest or any tender not necessarily accepted.

For particulars as to description of territory, capital to be invested, etc., apply to the undersigned—

G. H. FERGUSON,
Minister of Lands, Forests and Mines.
Toronto, February 17th, 1917.

N.B.—No unauthorized publication of this notice will be paid for.

Around The North Land

Mr. and Mrs. H. A. Carson, of Haileybury, recently lost their nineteen-months-old son from spinal meningitis.

The collection of waste paper—the proceeds for patriotic purposes—has been undertaken by the Cobalt branch of the Daughters of the Empire.

Ald. Carter, of Cochrane, has given notice that he will introduce a by-law to provide penalties for wood vendors who give short measure.

On Friday last the Cobalt Red Cross sent away a record shipment, consisting of about 90 cases of materials and goods.

Citizens of Schumacher recently petitioned Chairman Englehart of the T. & N.O. Railway to appoint a night operator at the station in town.

Mr. A. J. Pelkie, operator at Englehart, has been appointed to the dispatcher's office at North Bay, and Mr. Wm. Van Mere has been appointed operator at Englehart.

Bro. Frank Horn, of Vancouver, Grand Organizer of the Elks' Lodge, recently delivered an address to the Cobalt Lodge of the Elks. He said that the Order is now established in 37 Canadian towns and cities.

Mr. John Millmore, of Cobalt, who recently was in the hospital suffering with fever, was taken last week to Haileybury hospital for treatment for appendicitis.

Pte. Duncan Carmichael, of Haileybury, who was wounded in the hip some weeks ago, has recovered and joined his regiment in France, according to letters received by his parents.

Lieut. J. G. McMillan, formerly mining inspector, now with the Second Tunnelling Battalion overseas, has been promoted to be Captain. He was recently given the Military Cross.

At St. Michael's Cathedral, Toronto, on Feb. 20th, Miss Florence McCrae, formerly of Cobalt, was united in marriage to Lieut. E. J. Coyle, formerly of Edmonton. Lieut. Coyle goes overseas very soon with one of the Canadian battalions.

Cochrane Board of Trade recently discussed the very unsatisfactory heating of cars on the Government Railways, and a committee was named to confer with the Division Freight Agent on the matter.

According to an answer given in the House of Commons to a Member's question, the net surplus of the Canadian Government Railways for 1916 was \$316,223; the total receipts were \$18,658,956, and total expenditures \$18,342,733.

Debentures to run ten years were issued by the Cobalt Water Commission to pay for the waterworks and sewerage system, but the full amount of the liability has been wiped out in eight years. Since 1910 the net profits of the Cobalt Water Commission have amounted to \$34,497.61, running from \$856 in 1910 to the handsome sum of \$5,538.77 in 1916.

The right to cut pulpwood on the Black Sturgeon pulp limit has been awarded by Hon. G. Howard Ferguson to Mr. S. Marks, of Nepon. The winning tenderer," says The Claybelt, "offered a bonus of 70 cents per cord in addition to the usual fees on all classes of pulpwood. On the estimate of the pulpwood on the limit the province will receive by the time the limit is all cut over about \$3,500,000. Mr. Marks will be required to erect a pulp mill with a capacity of 150 tons a day and a paper mill when the Government calls for it. The Port Arthur Pulp and Paper Company, which received a free grant of 100 acres of land at Port Arthur for a mill in expectation of getting the limit, tendered too low."

TO INVESTORS

THOSE WHO, FROM TIME TO TIME, HAVE FUNDS REQUIRING INVESTMENT MAY PURCHASE AT PAR

DOMINION OF CANADA DEBENTURE STOCK

IN SUMS OF \$500 OR ANY MULTIPLE THEREOF.

Principal repayable 1st October, 1919.

Interest payable half-yearly, 1st April and 1st October by cheque (free of exchange at any chartered Bank in Canada) at the rate of five per cent per annum from the date of purchase.

Holders of this stock will have the privilege of surrendering at par and accrued interest, as the equivalent of cash, in payment of any allotment made under any future war loan issue in Canada other than an issue of Treasury Bills or other like short date security.

Proceeds of this stock are for war purposes only.

A commission of one-quarter of one per cent will be allowed to recognized bond and stock brokers on allotments made in respect of applications for this stock which bear their stamp.

For application forms apply to the Deputy Minister of Finance, Ottawa.

DEPARTMENT OF FINANCE, OTTAWA,
OCTOBER 7th, 1916.

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