



**AN ORDINARY
QUARTERLY GENERAL MEETING
OF THE
GENERAL MINING ASSOCIATION**

OF THE PROVINCE OF QUEBEC

WILL BE HELD IN

THE ASBESTOS CLUB HOUSE,

BLACK LAKE, QUE.,

ON TUESDAY, 14th JUNE, 1892,

**COMMENCING AT HALF-PAST FIVE O'CLOCK IN
THE AFTERNOON.**

For the convenience of members and their friends attending this meeting a special car will be attached to the ordinary train (Quebec Central Railroad), leaving Sherbrooke, Que., at 8 a.m. on the morning of Tuesday 14th June. Black Lake members will join the party at 10.42 a.m. Train will arrive at Thetford Mines at 10.45 a.m., where some time will be spent in a visit to the Asbestos mines. Lunch will be served at half-past twelve o'clock (noon). Party will leave Thetford Mines at 1.30 p.m., returning to Black Lake by teams kindly furnished by the local Committee.

The ORDINARY QUARTERLY GENERAL MEETING for the reading and discussion of papers, etc., will be held in the

Asbestos Club House, Black Lake,

commencing at 5.30 p.m. Papers will be read by Mr. J. Burley Smith, M.E., Glen Aldred, Que., and by Mr. L. A. Klein, M.E., Black Lake. At 7.30 members will be entertained to a dinner given in their honor by the Asbestos mine-owners and mine managers. Train will leave at 1 o'clock a.m. Wednesday, 14th inst., for Sherbrooke, where connection will be made for Montreal and points west. Tickets, \$5.50 for the round trip (from Sherbrooke to Thetford and return) may be obtained from the undersigned, or from Mr. A. W. Stevenson, C.A., Treasurer, 17 St. John Street, Montreal.

GEORGE IRVINE,

President.

B. T. A. BELL,

Secretary.

reported, has made arrangements with an American syndicate for connections across the border in Cook county, Minnesota. Doubtless before long some of their iron ores will be transhipped into our carriers at Port Arthur.

Much interest is taken here in that portion of the Summary report of the Geological Survey, just issued, having reference to the examination of the region west of Port Arthur.

Mr. Smith discovered excellent indications of a broad zone of magnetic iron ore on the west side of a lake on the Big Turtle river, called "The Lake where the River Bends." The ore is associated and interbedded with micaceous schists. The bands vary from fractions of an inch to three feet or more in thickness, and this interbedded occurrence of ore and schist in its broadest development appears to be from 150 to 200 feet wide. To the south-east, near the southern end of the lake, this band appears to be cut off by a fault, and from this fault northward the iron ore could not be traced for more than a mile and a half, the rocks being so thickly covered with vegetable mould that exploration in this direction was difficult and uncertain. The rocks here strike north-west and south-east, and dip from 45° to 55° to the south-west. They are very evenly stratified in appearance and seem to constitute a tapering band trending eastward, then south-eastward from the broad band of Keewatin schists so largely developed in Manitou and Little Wabigoon lakes, and from certain ferruginous angular fragments found in the north-eastern arm of Manitou lake, Mr. Smith is inclined to think that more ores may be found in this vicinity, in the same geological horizon as the above, in the near neighborhood of the granites. An analysis of these ores made by Mr. G. C. Hoffman, chemist to this department, shows them to be very siliceous, yielding 40.17 per cent. metallic iron and 37.21 per cent. of insoluble matter, but no titanic acid. The ore is in such a position as to be easily mined, and considerable water-power is afforded at the outlet and inlet of the Big Turtle river. Unless the ore is found, as usual in this country, to be much richer in the actual ore bodies than in the surface indications, it will of course be of no commercial value in competition with the rich ores of the Lake Superior district on both sides of the international boundary.

According to reports the silver lead ores just east of Port Arthur contain an unusual amount of gold, no less than \$43 to the ton being given. Mining machinery is going in and extensive operations are looked for.

A vein of copper has likewise been discovered in the same neighborhood.

Some nickel locations have been surveyed east of Schrieler, where the conditions are similar to the famous Sudbury region.

In General.

Reports reach us of a well directed movement to organize a company to manufacture iron in the city of Toronto. Preliminary meetings have been held and the whole ground carefully gone over and discussed. Among the promoters are Elias Rogers, Robert Jeffray, J. K. Kerr, S. H. James, John J. Davidson and H. N. Baird, of Toronto. A present bounty of \$2 per ton is paid on all iron manufactured in Canada, but to be entitled to it everything used in the manufacture must be Canadian. Now, smelting works to be successful in Toronto must use Pennsylvania coke, which is capable, so the firms interested in it declare, of producing a ton of iron for every ton of coke consumed. What is to be asked of the Dominion Government, then, is to pay the bounty of \$2 per ton, and yet allow the use of American coke. A first-class ore can be had from the well known deposits at Belmont and Haliburton, in Peterborough County. The estimated cost of mining either of these ores is placed at \$1.25 per ton, while the freight to Toronto, a distance of 110 miles, should not exceed 75 cents. If a furnace company in Toronto owned the mines in this simple, it should be able to lay down ore at works for \$2 per ton, if leased on royalty certainly not more than \$2.40 at the furnace. It is calculated that, on the basis of coke costing \$4.50, with both the magnetic and hematite ores costing \$3.50 at furnace, there should be at least a profit of \$5 per ton on making coke iron in Toronto. This includes the bonus from the Dominion Government of \$2 per ton.

The Belmont Bessemer Ore Co. are reported to have about 50 men and some teams at work on the iron mine. They are sinking a shaft and also drifting, and are stripping the soil off the ore, having already exposed a large body. They say they will have the railway running into the mine in about a month, when they expect to put on a much larger force.

CANADIAN COMPANIES.

Rackarock Company (Limited) gives notice that application will be made under the Quebec Joint Stock Companies' Act for incorporation to manufacture explosives, chemicals, acids, fertilizers and materials for initial explosions, including fulminate caps, detonating caps, electric exploders, railway fog-signals safety-lamps and electric blasting machines, in the Province of Quebec. Head office, Sherbrooke. Capital stock, \$35,000, in 350 shares of \$100 each. The directors are Sylvester Wm. Jenckes, John Mardeau Jenckes and Frederick Arthur Halsey, manufacturers, all of the city of Sherbrooke.

The North American Chemical, Mining and Manufacturing Company has given notice of application for an order to change its corporate name to that of the Owen Sound Portland Cement Company. The change is desired on the ground that the company wish to obtain a name descriptive of their business, which principally consists in the manufacture and sale of Portland cement.

The Moncton Freestone Co.—Notice is given that application under the New Brunswick Joint Stock Companies Letters Patent Act will be made for Letters Patent for incorporation. The object for which incorporation is sought, is to purchase, own, sell, and deal in stone quarries and lands, to quarry, manufacture, purchase, sell and deal in stone for all purposes and such other things as are incident thereto. Head office, Moncton, Westmoreland Co., N.B. Capital, \$10,000 in 100 shares of \$100 each. The provisional directorate is made up as follows: Theophilus B. LeBlanc, contractor; Thomas Fitzsimmons, contractor; Robert A. Borden, barrister; Matthew Lodge, manufacturing agent; and Philip D. Bourque, quarryman; all of Moncton.

The Dominion Phosphate and Mining Co. (Ltd.)—The annual general meeting of the stockholders of the Dominion Phosphate Co. (Ltd.), was held at No. 103 St. Francois Xavier street, Montreal, on May 17th. No particulars of the business transacted have been received.

The National Oil Co. (Ltd.)—Messrs. Macbeth and Macpherson, solicitors for applicants, give notice that application under the Companies' Act will be made to incorporate the National Oil Co. (Ltd.). The objects for incorporation set forth are: The purchase of refineries, plant and machinery, the carrying on of the business of buying, leasing, letting and selling petroleum oil lands and other lands; buying, selling and producing oil and crude petroleum oil and other products thereof; sinking and putting down salt and oil wells, and otherwise developing salt and petroleum oil lands; working, leasing, buying, letting and selling oil refineries and salt works; manufacturing, buying and selling salt and petroleum oil and other products thereof; storing, tanking and warehousing refined and crude petroleum oil and other products thereof.

EBEN E. OLCOTT,

CONSULTING MINING ENGINEER.

18 BROADWAY, - - NEW YORK.

Cable Address: Kramolena.

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AND

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J. LAINSON WILLS, M.E.

**Member of the Institution of Mining and Metallurgy, Eng.
Fellow of the Chemical Society, London.
Member of the Mineralogical Society of Great Britain and Ireland.**

**Member of the American Institute of Mining Engineers.
Member of the Society of Chemical Industry.**

**Reports on Mines and Mineral Properties.
Advice on Chemical and Metallurgical Processes.**

206 ALBERT ST., OTTAWA.

Cable Address: "PHOSPHATES," Ottawa.

JOHN STEWART,

MINING ENGINEER.

181 BAY STREET, OTTAWA, ONT.

Reports on Mines and Mineral Lands.

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