

FLU CAUSES POSTPONEMENT OF OPENING OF ALBERTA LEGISLATURE



Owing to the illness of several members of the Alberta Assembly, the opening of the Legislature has been postponed to January 31. Above is a photograph of the magnificent parliament buildings at Edmonton, while inset (left), is Hon. J. E. Brownlee, Premier of the Province, and (right), His Honor Dr. Egbert, Lieutenant-Governor of Alberta.

News of the Mines

AROUND PRINCE RUPERT

Premier Making Good Progress on Prosperity; Independence to Double Crew; Proving Up Marmot Engineer

Progress on the Prosperity group at Stewart by the Premier Gold Mining Co. is reported to be of a very satisfactory nature. The long tunnel has cross-cut three veins and the third of these, which was the objective of the tunnel, is now being drifted on both ways by the two machines that have been in continual operation. The width of this vein varies from a few inches to the full face of the drift. The upper tunnel on the property has had to be temporarily abandoned on account of snowslides. There are 18 men employed at the property and they are housed in a building constructed last summer of rock slabs gathered on the hillside and chinked with cement. All procurable horses were pressed into service to take supplies to the mine before the snow came last fall.

A second shift is to be started to work immediately on the Independence property at Stewart upon which only one crew has been engaged during the past few weeks. S. P. Fitzgerald, who is driving the long tunnel under contract, says that he is going to rush the work with all possible speed. One thousand gallons of oil was taken up to the mine at the first of this week by A. E. Young.

The management of the Marmot Engineer property at Stewart is pushing ahead a development program by which it is intended to open up several veins on the property, the first of which will be a showing of chalcoppyrite copper ore which was prospected by means of open cuts, shallow drifts and a short tunnel and showed about a foot of high-grade copper ore which will stand shipping direct and nine or 10 feet of lower grade material which will make good mill feed when the property reaches the stage of installing a mill. This tunnel will in all probability be later extended to open up two silver veins which occur in such a position that they are difficult to get at on the surface and can only be worked from underground. A little work was done last summer on one of these veins and Dr. H. T. James, resident mining engineer, was very much interested in the results and recommended that work be carried out at this spot. The development tunnel was driven 153 feet, at which point a turn was necessary, so a cross-cut was started. This kind of mining is similar to that employed at the Silverado, where, in order to obtain depth, the tunnel was driven into the hill and then swung across the formation to cross-cut the veins at right angles. The Marmot Engineer tunnel is penetrating a shear zone and has gone through calcite porphyry principally, then penetrating 50 feet of green stone which is heavily mineralized with pyrite iron. Timbering in the tunnel has delayed progress somewhat, it being necessary to use timbers for 75 feet of its length. All supplies for mining and cookhouse purposes to last

NEW BRUNSWICK MINERALS

Cypsum, coal, oil-shale, abrasives, limestone and iron, manganese and tungsten ores are the leading minerals of New Brunswick.

LINDSAY'S Cartage and Storage Phone 68 Cartage, Warehousing, and Distributing. Team or Motor Service. Coal, Sand and Gravel. We Specialize in Piano and Furniture Moving.

C.N.R. MAY TAKE PART OF COAL OUTPUT FROM COPPER RIVER MINES

(Continued from page one)

the present session of the Legislature. A liberal land grant, including valuable timber areas, mainly spruce, will be required. As a matter of fact, when the route of the Grand Trunk Pacific Railway was originally laid out it was a question whether the Copper Valley route should not be adopted in preference to that along the Skeena and Bulkley Valleys. It is certainly much shorter between Smithers or Telkwa and Copper City on the lower Skeena River.

The Copper River coal field covers an area of twenty square miles and is estimated to contain 400,000,000 tons of bituminous coal of high class. It was originally taken up by the National Finance Company. Mr. Robert R. Hedley, who was mining engineer in charge of the company's operations, informed a meeting of the Canadian Institute of Mining and Metallurgy at Vancouver at the time when the property was under development that investigations had shown it to be the best coal tributary to the coast for the production of metallurgical coke—that is, coke of such freedom from sulphur and low in ash as to be adapted to the manufacture of iron and steel, which demand the highest grade of coke. British Pacific Industries Ltd. has retained an eminent British firm of mining engineers, Messrs. Foster, Brown & Rees, as engineers in charge of its coal operations. That firm knows the field well, having favorably reported on it for the National Finance Co. Ltd. about eighteen years ago.

Initial Market Copper River Coal was the best asset of National Finance Company when it went into liquidation and the trustees, Yorkshire and Canadian Trust Co., have worked hard to find a purchaser for the property so that the asset might be realized to advantage. The promoters appear to have made an arrangement with the Canadian National Railway to use Copper River coal for steaming their engines on the division west of Jasper. If so that will provide a market, as it is estimated the railway operation between Prince Rupert and Jasper can consume around 1000 tons a day. It has long been a cause of complaint that this railway should use fuel oil of foreign extraction for its engines when it passes through a country so rich in coal as that between Telkwa and Copper River. The development of coal mines in that area would bring to the railway an immense revenue, now lost, as well as promote the general progress of the country.

The high quality of Copper River coal is best shown by the analysis, an average of which is: Moisture 3.3% Volatile Combustible Matter 34.5% Fixed Carbon 56.1% Ash 6.1% Sulphur 0.5% B. T. U. 12,000 to 13,000

The two main seams of coal are 9 1/2 and 6 feet feet in thickness respectively. Several other seams were located in the process of diamond drilling and development.

Plants For By-Products It is proposed to establish by-product plants, in which gas is apparently reckoned as an asset, as the coal is stated to be capable of producing 11,080 cubic feet of gas per ton. Other by-products are stated to be 22 lbs. sulphate of ammonia, 2.7 gallons benzol for motor fuel and 8 gallons tar. It is proposed to take advantage of the assistance given by the Dominion Government for the establishment of coking plants. While the market for coke on the coast is at present small, it is likely to show a large increase within the next few years. Granby's by-product coking plant at Anyox is in the market, and that company would be a purchaser of considerable tonnage for the smelter. The proposed smelters of Ladysmith Tidewater Smelters Ltd. and Consolidated Mining & Smelting on the coast will be additional consumers, and then there are the large chemical plants projected on the coast by British-American interests. The town of Prince Rupert offers the opportunity for a gas plant, and this the company may establish.

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Iron and Steel The development of an iron and steel industry, based on the limonite deposits on Copper River near the coal field, is proposed. These contain a large tonnage of iron ore of good quality and the feasibility of an iron and steel industry based on the deposits has long been recognized. It is, of course, dependent on railway transportation being provided, but with good metallurgical coke and fluxes practically on the ground and a suitable ore in sufficient quantities in proximity to the coal mines the conditions would appear favorable and opportune for the establishment of such an industry. If the company's plans are carried out as outlined this will be the first application of the modern scientific methods of handling coal and coke in this province, and will lead to their adoption by other coal companies to their own and the public advantage. Smokeless, sootless and ashless coal is what the consumer is looking for and will have to get sooner or later. It will mean the more economic utilization of the coal resources of the province, with better demand and greater prosperity for coal operators, who have now had eighteen years of adversity through the inroads on their markets of fuel oil and electric power.

HOSPITAL W.A. IS DISBANDING

Disgruntlement Expressed at Never Being Consulted by Board or Superintendent

Having never been consulted by the board or the lady superintendent with regard to work of the institution, the Women's Auxiliary to the Prince Rupert General Hospital, in its report to the annual meeting of the hospital association last night, announced that, as it had apparently outlived its usefulness, it had been decided to disband the auxiliary. The report was signed by the secretary of the Auxiliary, Mrs. F. G. Pyle. During the year, membership of the Auxiliary had dwindled as had also the activities of the group. New linoleums had been purchased for the wards and the usual Christmas gifts had been supplied to the patients. The Auxiliary had just decided to spend \$250 in purchasing men's dressing gowns and providing chairs for the public wards.

President J. H. Thompson expressed regret at the decision of the Auxiliary, which had done much useful work. Activities of the Auxiliary had always been welcomed and he pointed out that the organization had its representative on the board. On motion of G. P. Tinker, seconded by Ald. W. M. Brown, the report of the Auxiliary was received, disappointment being expressed at its decision to disband and good work that had been done being acknowledged.

ENVOY TO JAPAN



Hon. Herbert M. Marler of Montreal, who has just been appointed as Envoy Extraordinary and Minister Plenipotentiary of the Dominion of Canada to Japan.

NEW HOSPITAL WILL HAVE TO BE BUILT BEFORE LONG IN THE CITY STATES J. H. THOMPSON IN REPORT

(Continued from page one.)

son, lady superintendent, gave a general resume of hospital work for the year. A total of 943 patients had been treated during the year, the average stay in the hospital for each patient being 20 days. There had been 18,082 hospital days, or an increase of 5086 days over the previous year. There had been 51 deaths during the year. Three student nurses had graduated and five new students had been accepted. Miss Harrison thanked the board and managing secretary for splendid support given during the year.

Ald. W. M. Brown presented the annual report of the house committee, of which he was chairman. Improvements that had been made during the year were referred to. These included the putting in of new lights outside the building, renovating of the case room, repairing of the wards, reopening of the old ward in the basement and improvement and repairs to the foundation underneath the nurses' dining room. Work On Grounds In presenting the report of the grounds committee, M. M. Stephenson in installing a new sterilizer in the operating room on the Fifth Avenue side of the

the AFTER effects of FLU more dangerous than Flu itself

Physicians advise that the chief danger in this epidemic is AFTER Influenza. Then, more than ever, colds attacking the weakened system may lead to bronchitis, pneumonia, sinus trouble, abscess of the ear, mastoiditis, or even the dread meningitis. This is especially true of children or old folks.

AT FIRST SIGN OF A COLD—Put some Vicks up each nostril and snuff well back. At bedtime, apply hot wet towels over throat and chest until the skin is thoroughly reddened. Then rub vigorously with Vicks. Spread it on thickly and cover with warm flannel.

Vicks acts 2 ways at once (absorbed and inhaled) and often checks a cold overnight. If by morning the cold still lingers, stay in bed and repeat the treatment every 4 hours.

AVOID TOO MUCH DOSING—A peculiarity of influenza is that its toxins leave the digestive system upset. Constant "dosing," especially in the case of children, still further disturbs the digestion and lessens the appetite, just when the body needs nourishment more than ever.

Vicks VapoRub is especially valuable here because it is applied externally, and so can be used freely at the first sign of every cold, without upsetting the most delicate digestion.

VICKS VAPORUB



The Big Hurry to Breakfast

DOWN they come, pell-mell to breakfast, for they know that Quick Quaker is ready. It takes only 2 1/2 to 5 minutes to cook. It tastes so good they want it every morning.

Quick Quaker is the cure for the wrong breakfast which so many people eat. Its nut-like flavour is a relish and the digestive organs respond to its warm, creamy texture. No other cereal has such a perfect food balance. Protein, 16%, the growth element which fosters mental activity as well as bodily stamina; carbohydrates, 65%, the energy food. Your children need Quick Quaker to sustain them throughout the busy forenoon—the hours that make the greatest strain on their physical and nervous energy.

Here is the breakfast that tastes good and feeds you well.

QUICK QUAKER OATS

The Quaker Oats Company, Peterborough and Saskatoon