

direction of Mr. Jas. Cronin, as general manager. This arrangement will, in no sense, interfere with the proposed amalgamation of the Le Roi, War Eagle and Centre Star mines, provided, of course, the Le Roi Company endorse the arrangement as agreed to by Mr. G. S. Waterlow, who recently visited Canada officially in connection with these negotiations.

Mr. S. C. De Witt has been appointed sales agent for Allis-Chalmers-Bullock, Limited, Montreal, for the Maritime Provinces, with headquarters at Halifax. Mr. De Witt is a graduate in electrical engineering of Lehigh University, Pennsylvania, and has had considerable experience in different lines of electrical work. For the past three years he has acted as manager of the De Witt Electric Co., Ltd., with places of business at Sydney, Glace Bay, Pictou, Truro, and Fredericton. He is a son of Dr. De Witt, the present mayor of Wolfville, N.S., and being a native of the province, and well acquainted with eastern business, will no doubt prove a valuable acquisition to the company's staff.

We quote the following from the Maritime Mining Record:—"Sydney Mines has a little man of very moderate weight, 72 years old, who for fifty-nine years has worked in the coal mines down there. He entered the pit when thirteen years old, and has worked at all branches of mining. For over twenty-seven years he mined coal. For the past thirty years he has been acting in the capacity of deputy. During 1904 he worked 366 days, thereby setting a good example to bigger men. He is still hale and hearty and can travel five hours at a stretch without resting. His long mining life has never quenched his love of talking in the good old garden tongue—the Gaelic."

It is announced that the Dominion Government have appropriated the sum of \$15,000 for the purpose of making experiments with the electric process for smelting ores and manufacturing steel at Sault Ste. Marie. The Consolidated Lake Superior Power Company have generously placed a plant and a dynamo, capable of supplying 400 h.p., at the disposal of the experimenters for four months. The tests will be made under the direction of Mr. Horault, the inventor of the process bearing that name, and ores of various character will be experimented on.

At a meeting of the Nelson University Club, last month, Mr. S. S. Fowler read an interesting paper on "The Building of the Ore Vein," in which he discussed the urgent distribution and methods of working mineral deposits. In concluding his address, Mr. Fowler stated that in spite of the fact that many phenomena in connection with rock formations still represented unsolved problems, there was no doubt that rapid progress was being made in the attainment of metallurgical knowledge.

Dr. Poole, who was for some years Inspector of Mines in Nova Scotia, but who is now a member of the staff of the Geological Survey will be occupied during the present season in surveying and mapping the coal measures of Vancouver Island. Dr. Ellis, who was engaged last year in surveying the Nicola Fields, for the Department, has meanwhile proceeded to the Queen Charlotte Islands, to certify and report on the coal measures there.

Mr. A. B. W. Hodges, general manager of the Granby Company, is to be congratulated on the success of his electrical self-charging device, recently installed at the company's smelter at Grand Forks. It is said that a saving in cost has been effected of from thirteen to fifteen cents per ton by the use of this appliance, which Mr. Hodges has patented in the United States, Mexico and Canada.

McGill University, at its recent convocation, conferred the degree of Doctor of Science on Prof. Douglas McIntosh. Dr. McIntosh graduated as Bachelor of Science from Dalhousie College in 1896, afterwards obtaining the degree of Master of Science at Cornell University. He then continued his studies in Germany, and upon returning to Canada joined the staff of McGill University.

Mr. G. A. King, superintendent of the St. Eugene concentrator at Merville, B.C., and Mr. G. Clothier, mine superintendent, have been experimenting with a view of extracting the silver from the zinc-bearing ores. It is said that these experiments have been quite successful, resulting in a saving of 75% of the silver values, while it is hoped that this be raised to 90%.

The fifteenth annual convention of the Canadian Electrical Association was held on the 21st, 22nd and 23rd June, in the rooms of the Canadian Society of Civil Engineers, 377 Dorchester Street, Montreal. Some 200 members attended the meeting, which was a most successful one, a very interesting programme having been prepared.

The Mining Congress at Liege, which is being attended by one or two Canadian engineers, including Mr. J. Obalski, Inspector of Mines for the Province of Quebec, will extend from June 25th to July 2nd. A very interesting programme of papers are being prepared, and the Congress should prove of high technical interest.

The appreciation in which Mr. J. W. Gebo, late general manager of the Frank Mines, is held by the Association of Frank was well signified the other day when he was presented with a cabinet containing 129 pieces of silver plate. Mr. Gebo is at present residing at Red Lodge, Montana.

Dr. J. Bonsall Porter left Montreal during the month on an extensive tour to Great Britain, whence, later on, he will journey to South Africa as the Canadian representative at the meeting of the Royal Association, which is to attend the opening of the railway to the Victoria Falls.

Mr. John Morris, formerly a Kootenay mine manager, was recently seriously injured by an explosion at the Lenora mine, in the Mount Sicker district, Vancouver Island, his skull being badly fractured, while other terrible injuries were inflicted.

Mr. J. F. Povah, for many years chief Accountant in the office of the Hall Mining & Smelting Co., Nelson, resigned that position to accept an appointment with the International Coal & Coke Co., at Coleman, Alberta.

The new and important portfolio of Lands and Mines in the Ontario Government has been assumed by the Hon. Frank Cochrane, of Sudbury who was recently elected by acclamation in East Nipissing.

Mr. S. C. H. Miner, who is largely interested in the Granby mines, left Montreal on the 22nd of June on his annual visit of inspection of the company's properties in the Boundary district.

Mr. A. H. Kelly, president and managing director of the Reliance Mining Co., of Nelson, B.C., has returned to his duties after a month's holiday spent at Fredericton Junction, N.B.

Mr. C. J. Coll, of the Acadia Coal Company, Stellarton N.S., has returned to Canada, after an absence of two months in England.

Mr. W. Yolen Williams, formerly superintendent of the Granby Mines, has returned to the west after spending ten months in Europe.

The ninth annual session of the School of Science for the Atlantic provinces, will be held at Yarmouth from July 11 to 28, 1905.

Mr. George Alexander, of Kaslo, has, we learn, taken over general management of the Ferguson Mines, Limited.

THE AMALGAMATED COPPER CO.

This company, which has been in existence for nearly six years, recently issued a First Report, showing at the end of April of the present year cash assets in hand of \$2,756,758.83, and surplus in reserve amounting to \$3,942,712.30. The capital outstanding is \$153,887,900.

COMPANY NOTES.

Montreal & Boston Consolidated.—The new directors of the Montreal & Boston Consolidated Mining & Smelting Co. has issued a circular announcing the sale of its mines and properties to the Dominion Copper Co., and that the last-named company is about to make an issue of bonds to discharge the past debts of the Montreal & Boston and to conduct developments and improvements. The circular states that the principal and most available properties of the Montreal & Boston Co. are not paid for, and that owing to the inability to market the stock, the company was threatened with the loss of these properties, on which it owes over \$320,000. An arrangement was accordingly made with the Dominion Copper Co., from which the Montreal & Boston had acquired its principal properties, only part of which were paid for, by which the Dominion company takes over all the properties and issues its stock, share for share, in exchange for Montreal & Boston stock, without assessment or payment of any kind. The Dominion company has authorized an issue of \$1,000,000 bonds, of which \$700,000 are now to be issued at 90, with a bonus of 200% of its stock. The moneys realized from the sale of these bonds are to be used to pay the balance of the unpaid purchase price on Montreal & Boston properties and for working capital to develop the mines and complete the smelters. The right to subscribe to these bonds is reserved to Montreal & Boston stockholders, but they are under no obligation to subscribe. The bond issue has been fully underwritten.

It is understood that Mr. Samuel Newhouse and his associates (including Mr. Samuel Untermyer and others who are interested with him in the Cactus mine and were interested in the Utah Consolidated and other successful mining properties) have consented to organize the work on the Montreal & Boston properties on a business basis. Mr. M. Johnson, superintendent at the Cactus, has gone to British Columbia with a force of new men to take charge. The smelter to be completed to its full capacity of 1,500 tons per day and a converter is to be erected in connection with the smelter. The total capital of the new Dominion company will be \$3,200,000, divided into shares of a par value of \$1, which is about one-half the total par value of the old Montreal & Boston capital.

Dominion Coal Co.—The secretary of the Boston Stock Exchange has issued the notice that \$2,433,000 Dominion Coal Co., Ltd., first mortgage 6% bonds, due 1913, more than a majority having been deposited under the terms of the company's circular, dated April 17, 1905, have been stricken from the list.

Interim certificates issued by the New England Trust Co., of Boston, and also those issued by the Royal Trust Co., of Montreal, Canada (when stamped by the City Trust Co., of Boston, at transfer agents) for Dominion Coal Co., Ltd., first mortgage 35-year 5% sinking fund gold bonds, due 1940, of a total issue of \$7,000,000, are admitted for quotation on the unlisted sheet and will constitute a good delivery.

The Dominion Coal Co., Limited, 8% preferred stock, 30,000 shares, have also been stricken from the list.

Interim certificates of Dominion Coal Co., Limited, for 7% preferred stock, transfer agent American Loan & Trust Co., and registrar the New England Trust Co., of Boston, are admitted for quotation on the unlisted sheet, and will constitute a good delivery.

Dominion Steel.—It is generally believed that the preferred stock of this company will shortly be on a dividend basis. The reorganization plan is now in progress, and it is understood that the preferred shareholders will now be asked to accept the full 3½% dividend for the current half year, and instead of getting the 14% dividends in full, which is due them under the accumulation clause, agree to have the preferred put on an 8% basis, which means that they will in future get their regular dividend and have the back payments made to them at the rate of 1% a year. The steel mill is now running time and a director estimates that the rail mill the first year will show the company a clear profit of \$600,000.

Tyee Copper.—April Return.—"Smelter ran 16 days during the month, and smelted, Tyee ore, 3,224 tons; Customs ore, 157 tons—3,511 tons. Matte produced from same, 316 tons. Gross value of contents (copper, silver and gold), after deducting costs of refining and purchase of Customs ore, \$47,106." (Office note—The general manager reports that the partial cave (to which your attention was called in the circular dated the 10th March last) has been cleared and opened, and ore is now being won from the stopes which were temporarily closed, but under the conditions created by the partial cave the output of the mine will remain for the present at about 2,000 tons per month, to which it was restricted.)

Standard Explosives Co.—This company was recently incorporated for the manufacture of explosives, at Beaconsfield, near Montreal. At a meeting held during June, at the company's offices, Board of Trade Building, the following directors were elected:—Messrs. W. T. Rodden, J. F. Johnson, S. H. C. Miner, Jas. W. Woods, and Chas. W. Dimick. At the directors' meeting, held subsequently, Mr. W. T. Rodden was elected president and managing director, and Mr. J. F. Johnson, superintendent of the company's works, was appointed secretary-treasurer.

Ymir.—April Return.—"35 stamps ran 27 days and crushed 2,100 tons (2,000 lbs.) of ore, producing 450 ozs. bullion. The estimated realizable value (gross) of the product is \$5,250; 145 tons of concentrates shipped, gross estimated value, \$3,250. Cyanide plant treated 1,700 tons (2,000 lbs.) of tailings, producing bullion having estimated gross value of \$1,150; sundry revenue, \$100—\$9,750. Working expenses, \$10,640. Loss, \$890."