

CONSIDERABLE excitement has been caused in the county of Megantic, Quebec, by the discovery of gold on the banks of the Bullard Brook. The discovery was made late in the autumn, and several pits have been sunk, and in every case gold in small quantities has been found in the black sand that seems to be scattered over the whole of the flats.

THE annual meeting of the shareholders of the Intercolonial Coal Mining Company, Limited, took place recently, in Montreal. The sales of coal and coke, for the year ending Dec 31st, 1897, amounted to 186,654 tons. The following were elected directors of the company for the ensuing year, viz. James P Cleghorn, president, H S MacDougall, W. M. Ramsay, Thomas Wilson, E Goff Penny, M P., A. W. Hooper, R. MacD Peterson, Charles Fergie, vice-president, and Wm. J. Nelson.

IN a report to Arch. Blue, director of the Bureau of Mines, Ontario, Prof. De Kalb, the new professor of mining engineering at Kingston School of Mining, says that the corundum in the counties of Hastings and Renfrew is very rich. Tests have been made showing that concentrates may be made giving ninety-two to ninety-four per cent of corundum, and as the commercial standard of purity only requires eighty per cent of corundum, it appears that this limit can be easily passed. Another thing that he says is that there is little difficulty in separating the corundum from the magnetite.

THE Geological Survey of Canada has just issued a summary of the mineral production of Canada for 1897, which, without being final—some of the figures not being obtainable just at present—is based on a general knowledge of the progress made in the various industries, and is sufficiently accurate for all practical purposes. The report shows that the value of the gold produced amounted to \$6,190,000; of copper, 13,300,802 pounds were produced, value, \$1,501,660; of lead, 39,018,219 pounds, value, \$1,396,853; of nickel, 3,997,647 pounds, value, \$1,399,176; of silver, 5,558,446 ounces, value, \$3,322,905; of iron ore, 71,451 tons of two thousand pounds, value, \$178,716; of mercury, 688 pounds, value, \$324, and of platinum a value of \$6,600. The report will be taken up fully in a later issue of THE CANADIAN ENGINEER, when the production in the United States will also be given, so that the relative increase in the two countries may be considered.

Personal.

WE regret to state that Wm. Hamilton, manager of the St. Lawrence Foundry, Toronto, was stricken with paralysis recently.

WM. McLEAN, of the McClary Manufacturing Co., Limited, London, has gone to take charge of the company's office in Winnipeg.

P. S. ARCHIBALD, ex-chief engineer of the I.C.R., is engaged by Sir Charles Tupper as chief engineer of the Klondyke Mining Company.

T. H. WHITE, St. Thomas, Ont., has been appointed chief engineer for the new line of railway to be built from the Stukine River to Teslin Lake.

HENRY BUDDEN, vice-president and managing director of the Intercolonial Coal Company, of Pictou, N.S., has resigned that office on account of ill health.

JAMES WARNOCK, one of the most prominent citizens of Western Ontario and a leading manufacturer in Galt, Ont., proprietor of the Galt Edge Tool and Axle Factory, died at his home the 5th February.

W. A. CARLYLE, British Columbia provincial mineralogist, has handed in his resignation, to take effect April 1, when he will leave for Rossland to accept the mining superintendency of the British America Corporation.

RICHARD G. McCONNELL, geologist of the Dominion Geological Survey, has been appointed mineralogist of the British Columbia Government at a salary of \$4,000. Mr. McConnell has been with the Geological Survey since 1879, when he graduated from the science school of McGill University.

IN attempting to remove a piece of wood that had stuck fast in a bed planer, Norton Olds, employed in the Mann Manufacturing Co.'s works, Brockville, Ont., accidentally placed his right hand in the knives, which gradually drew the arm in, cutting it off by inches to within a short distance of the shoulder.

MRS. ANN OWEN GREENING, widow of the late Benjamin Greening, founder of the B. Greening wire works, Hamilton, Ont., died at the residence of her daughter, Mrs. R. H. Merriman, Hamilton, recently, aged 88 years. Her husband died 21 years ago. Five sons and two daughters survive her.

CHAS. B. BROWN, of the Ontario Rolling Mills, Hamilton, Ont., has gone to Tacoma, Washington, to accept the position of superintendent of the Western Iron and Steel Company. Before leaving he was presented with an address and a purse of gold by his fellow employees of the rolling mills.

CHAS. DAWSON, who for the past five years has been Works Superintendent for the Central Bridge and Engineering Co., Peterboro, Ont., and was formerly with the Canadian General Electric Co., as master mechanic for the Engineering Department, has resigned his position with the former and has accepted the position of Assistant Superintendent with special charge of all Machine Tool Work for the Dominion Bridge Co., Montreal.

WILLIAM HOLTBY, mechanical engineer of the Canada Atlantic Railway, Ottawa, was accidentally killed at Coteau Junction, Que., Feb. 23rd. He was superintending the replacing of a snow plough on the track, when he slipped and fell under the train. Mr. Holtby had been a resident of Coteau Landing during the construction of the Canada Atlantic Railway transfer, of which he was the foreman. At the inquest, the jury brought in a verdict that deceased was the victim of an accident due to his own imprudence.

ALFRED DUFRESNE, one of the engineers on the Soulanges Canal, had a narrow escape from drowning Feb. 25th, while sounding for the depth of the water at the head of the canal. Mr. Dufresne, together with A. G. Grant, another engineer, was engaged with his instruments, when the ice suddenly gave way, carrying him with it. Mr. Grant, at the risk of his life, seized Mr. Dufresne and succeeded in pulling him out of the water. The place was a dangerous one, being 25 feet deep and at the head of the Coteau rapids.

LITERARY NOTES.

We have received the "Transit," a pamphlet of 170 pages, published by the engineering society of the State University of Iowa, U.S. It contains some valuable and interesting papers on engineering topics, chiefly by graduates of the University.

We have before us the Proceedings of the Seventh Annual Convention of the Association of Railway Superintendents of Bridges and Buildings. It contains in 275 pages a number of valuable papers profusely illustrated.

The "Mining Resources of Canada" is a pamphlet of about a dozen pages of printed matter and as many more of handsome photo-engravings, issued by the Department of the Interior, Ottawa. A great many statistics are given of the mineral productions of Canada in the past and information about the mineral regions. A large map of the Dominion is also included.

FIRES OF THE MONTH.

Feb. 2nd.—McIntyre block of stores and offices, Winnipeg, Mar. Loss about \$500,000, to be rebuilt.—Feb. 13th.—Ontario Rolling Mills, Hamilton, Ont., the main building destroyed; the loss was \$16,472. The machinery, etc., was insured for \$28,000, and the building, owned by the Grand Trunk, for \$6,000.—Feb. 16th.—The power house and plant of the Markham, Ont., electric light and waterworks; loss about \$3,500.—Feb. 16th.—George Middleditch's foundry and machine shop, Bothwell, Ont. Loss about \$7,000.—Feb. 17th.—Waterloo, Ont., Manufacturing Co.'s foundry; damages, \$400.—Feb. 19th.—Bismarck cheese factory, near Wellandport, Ont., burnt down; loss about \$2,500.—Feb. 19th.—Barrel factory, Lequille, N.S., property of the Union Bank of Halifax; loss about \$15,000.—Feb. 20th.—Flour mills, Burlington, Ont., run by W. H. Finnemore, owned by Estate P. Redpath, Montreal; loss about \$10,000.—March 4th.—The Gould, Shapley & Muir windmill and bee supply factory, Brantford, Ont.; loss about \$20,000.

—A hot air radiator, of special value to all users of wood burning stoves or furnaces, has been invented by R. W. Biggar, Sorauren ave., Toronto. It is a drum to be applied to a stovepipe in the ordinary manner, but, unlike any other heating drum we have seen, it sucks up the cold air from the floor of the room and throws it out at the top of the drum, thus keeping all the air in the room in circulation, and abolishing finally cold floors.

—The Hamilton Acetylene Gas Machine Company's generating apparatus, of which an advertisement appears on another page, possesses many features which make it of great value. The patent water spray, by which the water is supplied to the carbide in the generator, is a special feature of great interest. A further description of this machine will be given in the next issue of THE CANADIAN ENGINEER.