

persons and law makers will soon have done all the mischief it will be allowed to do. If this should meet the eye of Mr. Hughes, I might inform him that the by-laws controlling such matters for Brantford, Ont., will probably meet both Mr. Watson, Mr. Hughes, and every sanitarian's views who works for the good of the country. It is hoped that these two experienced sanitary plumbers will encourage still more of the kind to speak the truth boldly, and stop the scandalous and expensive abuse of the public health laws.

Yours truly,

A CONSTANT READER.

Toronto, Nov. 21st, 1897.

CANADIAN SOCIETY OF CIVIL ENGINEERS.

At the regular meeting on Thursday, Nov. 11th, Prof. H. T. Bovey, LL.D., D.C.L., read a paper on the "Results of Experiments on the Strength of White Pine, Red Pine, Hemlock and Spruce." The paper was followed by an interesting discussion in which Messrs. Peterson, Smith, Irwin and Duggan took part.

The ballot sheets for the election of officers for next year are now in the hands of the voting members. They are accompanied by one or two amendments to by-laws, which will probably effect some changes in the conduct of the society. Under the present laws, all past presidents are *ex-officio* members of the board; and the number will, of course, be increased yearly. The voting members fear that the control of the society may soon pass out of their hands if some change is not made, and an amendment, signed by nineteen voting members, proposes that three of the past presidents be elected to the board, instead of all as at present. The office of secretary is also the subject of an amendment. At present the secretary is always a member of council. It is proposed to separate these offices.

Mining Matters.

THE Jenckes Machine Co., Sherbrooke, Que., reports British Columbia sales as very satisfactory.

HON. G. E. FOSTER authorises the statement that Rothschild's offered half a million for the Olive mine, half cash and the remainder in stock. The offer was refused.

J. C. MASON, Manager of the Hopewell gold mine, New Glasgow N.S., reports prospects at the mine bright. A 79 ounce brick was the result of a recent run of 21 days.

THOMAS WHITTAKER, 135 Bathurst street, Toronto, has a farm in the Nipissing district, Ont., on which he has discovered fire clay, extending over 15 acres, and ranging from twelve to fifteen feet in depth.

THE Hamilton Powder Co. is equipping its Nanaimo works with a new hoisting plant, having placed an order with the James Cooper Manufacturing Co., Limited, for a standard link motion hoisting engine.

THE Eustis Mining Co., Eustis, Que., has commenced sinking again in its shaft, and has placed an order with the Jenckes Machine Co., Sherbrooke, for special underground hoists to be worked by compressed air.

THE Winnipeg Mining and Smelting Co., Greenwood, B.C., is developing its property, and has installed a complete mining plant, purchased from the Rossland branch of the Jenckes Machine Co., Sherbrooke, Que.

THE Bonanza Nickel Mining Co., Limited, Sudbury, Ont., has placed an order with the Jenckes Machine Co., Sherbrooke, for a 10-stamp mill, complete, with two six-foot vanners. It is the intention to install this mill immediately.

By a recent judicial decision in British Columbia it has been decided that no matter where a mining company may be incorporated, or under what terms it holds its charter, the transfer of its property in British Columbia is subject to the laws of British Columbia.

THE Sarnia Observer says the Bushnell Oil Company, Limited, is pushing things in Lambton county, and are thoroughly testing the territory in the vicinity of Sarnia to see if oil can be found in paying quantities. It is reported that extensive finds of both oil and gas have been made.

J. A. Bows reports to the Bureau of Mines from Wabigoon, under date of Nov. 14, on the district lying about eight miles south of Tache Station on the C.P.R., and around Shallow, Stormy and Long Lakes, and the Little Wabigoon River. Mr. Bows says in his letter: "From all appearances, I would think that it will prove one of the richest sections of the country."

THE New Goldfields of British Columbia Co. proposes to actively take up the development of its several properties in the Kootenay district, and is, at present, opening the Velvet mine, in which there are several promising showings. It has a new hoisting engine plant installed, which was supplied by the James Cooper Manufacturing Co., through the British Columbia agent, James D. Sword.

THE new mining district in Calumet Island, Ont., on the Ottawa River, is coming to the front: there has been some preliminary work done, and on the "Calumet" property this has opened up showings so promising, that the company has placed an order with the James Cooper Mfg. Co. for a complete drilling, hoisting, and pumping plant. Even if present indications only are a criterion, this will make one of the largest mines in Canada. The company, however, thinks that with depth it will prove even richer than the present assays disclose.

THE outlook for cheaper coal and coke in the East and West Kootenay districts is very promising; the reports from the West are that work has been proceeded with so actively on the Crow's Nest Pass Railway, that it has been graded to within 20 miles of Moyie Lake. Simultaneously, the Crow's Nest Pass Syndicate is engaged in prospecting work with the diamond drill outfit, which was ordered through the James Cooper Mfg. Co., Limited, and it is expected before the completion of the railway to have opened the property to such an extent as to supply the local demand at least.

THE absence of railway communication has retarded the opening up of the Boundary country to a great extent, but notwithstanding the difficulties that have to be surmounted in getting machinery in, several of the companies which have had enough preliminary work done to warrant their putting in a plant, have decided to haul their machinery in by wagon road. The Brandon and Golden Crown Mining Co. has decided to proceed actively with development work, and has placed an order with the James Cooper Manufacturing Co. for a complete hoisting, pumping and drilling plant, which is now on the ground. As soon as this is set up a large force of men will be put on the work.

Railway Matters.

THERE seems to be a strong probability that the G.T.R. will double track the line from Hamilton to Niagara Falls.

THE Ottawa and New York Railway Co. have offered to build their workshops in Ottawa if they are given a bonus of \$100,000.

It is said that the G.T.R. will have running rights over the new Toledo & Northwestern Railway, thus getting into the Ohio coal fields.

THE Grand Trunk Railway Company has sent cheques to Brantford amounting to \$33,500, returning the car works bonus with interest.

SHIRLEY ONDERDONK, son of Andrew Onderdonk, the railway contractor of Hamilton, has gone to Alaska to assist in surveying a railroad.

THE Tilsonburg, Erie and Pacific R. R. is constructing a connection at Tilsonburg, Ont., with the M.C.R. and will build a \$20,000 steel bridge across Otter Creek.

THE Lotbiniere and Megantic Railway Company is building a wharf 160 feet long at Cap a la Roche, Que., to facilitate the shipping pulp wood, bark, etc., from that section.

A SUB-COMMITTEE of the Montreal city council has recommended the granting of part of Victoria Square, Montreal, to the Grand Trunk Railway as a site for an office building.

THE Q.C.R. Company are about to extend their shops at Newington, near Sherbrooke, Que., which will require an expenditure of not less than \$70,000. The contracts have not yet been let.

A CHARTER is applied for by a company which proposes to build a railway from Cranbrook, B.C., to the North Star mine, thence to headwaters of St. Mary's River, and Kootenay and Arrow Lakes.

THE T. H. & B. took control of its own road on Dec. 1. The M.C.R. officials went out and the head office was transferred from Detroit to Hamilton, Ont. The new manager is E. Fisher, of Jackson, Michigan.

AN agreement has been signed between the Nova Scotia Midland Railway Company and the Nova Scotia and Federal Governments, by the terms of which each of the latter agree to subsidize the road to the extent of \$3,200 per mile, for the construction of a railway from Windsor to Truro. W. G. Reid, of Montreal, has the contract to build the road, which is to be fifty miles in length.