

Over two thousand men are now employed on the Grand Trunk Pacific section under construction from Quebec to La Tuque. Just as soon as the harvest season is over the contractors expect to obtain the services of one thousand more men.

The Transcontinental Railway Commission opened tenders for about a dozen bridges on the line of the Transcontinental Railway from Quebec to La Tuque. Accompanying the tenders are plans and commissions. The engineers will have to examine and report upon these before the contracts are awarded.



## MINING MATTERS.

The mines at Coal Creek, in the Crow's Nest Pass, are now beginning to show the result of recent development. The output is soaring away up, the record day being June 24th, when the output was 2,184 tons.

A telegram, dated August 16th, from the manager of the Montreal Cobalt Co., at Cobalt, states that the company's workers have struck gold in their operations and that the vein would yield at least \$1,000 per ton.

Coal has been discovered within a few miles of this town between the Saskatchewan and Battleford Rivers. The coal is of good quality, and the finder, who is an old prospector, claims that there is lots of it.

E. Jacobs, editor of the B. S. "Mining Record," after having spent a fortnight in the boundary and Rossland states that in both camps there is general satisfaction with the mining outlook, and important development and additions to plant and machinery are being made, with the object of considerably increasing the production of ore.

O. Baker, of Sarnia, Ont., who has had experience in Yukon and in British Columbia mining districts, has found free gold 21'-0" down in vein of decomposed calcite, one foot in width, along the hill of contact between Keewatin and Diabaz. The discovery was made one and a half miles southwest of Cobalt.

The mines branch of the Department of the Interior, which after the next session will be placed under the control of Hon. William Templeman as Minister of Mines, will shortly move from the Slater block on Sparks street to the Thistle building on Wellington street, Ottawa, where it will occupy three flats instead of one as at present.

Mr. T. W. Gibson, Deputy Minister of Lands and Mines, has received from Prof. W. G. Miller samples of ore taken from the recently discovered vein on the Gillies timber limit. They are very rich in silver ore, also in cobalt. One of the smaller samples appears to be of solid silver. Another sample is of silver sulphide, and is rich in cobalt and nickle.

Numerous letters from Quatsino say the biggest strike of bog iron in British Columbia has just been made to the north of West Arm, Quatsino Sound. Messrs. Jacobson and Jackson are now locating the property, and report that the area is immense, and that the iron body on the West Arm on which development work has already been done is only a spot compared with the extent of the new find.

The latest mineral find to be added to the Province of Quebec's already long list of economic ores is red hematite. This metal has been discovered in the southern part of the Province, near Dunham, and mines are already being opened up. The belt in which the mineral appears most freely is about eight miles long, and consists of a strip of land encircling the base of the Little Pinnacle Mountain.

The gold fields of Western Ontario have interested more capitalists this year than for a long time. During the summer several parties from the East have arrived at Port Arthur bound for the western portion of the Province to look over mineral lands in which they are interested. At the head of two of these parties has been A. McLaren, of Detroit, who is perhaps one of the firmest believers in the possibilities of the gold fields of New Ontario than any other man. He recently brought up a large party of Americans to look over propositions in the Manitou country.

A strike made on the 850-foot level of the White Bear, Rossland, is the most important that has yet been made in

that time. During the past week 80 tons of ore have been shipped to the Granby smelter and 50 tons to Trail. This ore is all from the newly found chute. The chute is 14 feet wide, of which at least seven feet is solid ore, carrying lots of copper. The chute has been drifted on for 30 feet, and is strong and well defined in the breast of the drift. The drift is to be continued for the purpose of determining its length. An upraise is being made from the 1,000-foot level for the purpose of intersecting this chute and also to determine how far it runs down below the 850-foot level. The ore runs from \$20 to \$25 per ton. In another place on the 850-foot level a chute of ore from three to six feet has been encountered. This is also an important strike, as the ore is of good grade.

Thomas Kiddie, the expert smelter manager, who has been living in Victoria for some months, has taken the management of the Hadley smelter on Prince of Wales Island. The works have a capacity of 400 tons a day, and with the development which is taking place in the north at present it is more than probable that increases to the plant will have to be made.



## PERSONAL

H. K. Dutcher, M. Sc., Lecturer in Civil Engineering at McGill University, is about to take charge of the Engineering Department of the new McGill University College of British Columbia.

Chas. H. Mitchell, C. E., of Niagara Falls, Ont., late Engineer of the Ontario Power Company, has just returned from an eight months' tour of Europe. His purpose in making the trip was to inspect the various hydro-electrical developments on the continent.

P. W. Sothmann, late consulting engineer of New York City, has been appointed chief engineer of the Hydro-Electric Commission of Ontario. He is 36 years of age, and is a graduate of Charlottenburg Institute of Technology, Germany—1891.

The Canadian Engineer" acknowledges a call from J. G. Kerr, M.A., LL.D., headmaster of the ancient and important Allan Glen's School, in affiliation with the Glasgow and West of Scotland Technical College. Dr. Glen's errand is to investigate educational methods in Canada, in doing which he has spent some time in Montreal, Winnipeg and Toronto. "I have seen just enough of Canada," said the Doctor, "to make me wish to see more of it."

H. C. Philpott, who has been for several years Sales Agent for the Canada Foundry Company and the Canadian General Electric Company, of which Frederic Nicholls is Vice-President and General Manager, has resigned to accept a position with the Dominion Steel Car Co. and the Simplex Railway Appliance Co. Mr. Philpott's position with the Dominion Steel Car Co. will be that of General Sales Agent, and his headquarters will be at Montreal, although his residence for the present will continue to be in Toronto.

Mr. Philpott is well-known and is held in high esteem in business and railway circles throughout Canada.

Among the birthday honors which have fallen to various people in North Britain last month is the conferring of a Knighthood upon William Robertson Copland, C. E., of the city of Glasgow. It is an honor well deserved, for Sir William has worthily established himself in the regard of his fellow citizens by his public-spirited career. For nearly forty years a busy man in his profession, in which he attained distinction throughout the British Islands, he has found time to do valuable work as Deacon Convener of the Trades House, and ex-officio a member of the Town Council. But his most distinguished service to Glasgow has undoubtedly been rendered in his capacity as chairman of the Board of Management of the Glasgow Technical College. For the creation of this great institution, which will rival any either here or in the old country, he has literally worked night and day, and it is said that something like £100,000 sterling of the endowment fund of that splendid institution has been collected by Sir William's own hands from merchants, manufacturers and the gentry of the West of Scotland.