

Mr. D. B. Dowling will prosecute marches in the Rocky Mountains, near the main line of the Canadian Pacific Railway. Messrs. R. G. McConnell, F. H. McLaren and Joseph Keele passed through Vancouver last month on their way north, the last-named to continue work in the vicinity of the Stewart River and the others to make an exhaustive topographical survey of the Alsek country.

In response to a letter addressed to Mr. J. P. Graves, general manager of the Granby Company, we have received the following information: "Mr. A. B. W. Hodges, the present superintendent of the Granby smelter, has been appointed general superintendent of the smelter at Grand Forks and the mines at Phoenix. Mr. W. Y. Williams, the former superintendent of mines at Phoenix, has been appointed to fill the position of consulting engineer for the company governing its mining operations. He will probably make his headquarters at Spokane. Mr. Williams has been superintendent of the mines at Phoenix since the latter part of the year '96. His work at Phoenix has been highly appreciated by the Granby Company, and his retention by them in an advisory way in their mining operations is sufficient proof of that appreciation. The success of the Granby mines is attributed entirely to Mr. Williams' integrity and constant care and attention of our interests, and we will appreciate any mention that the RECORD makes of his services to this company. Mr. Hodges, who has been appointed general superintendent, has been with the Granby Company since the commencement of its smelting operations at Grand Forks. Upon him has rested the entire responsibility of the construction and success of the Granby smelter, and his promotion as general superintendent bespeaks the confidence of his work by the Granby Company."

Mr. A. C. Garde, manager of the Payne mine, recently took the opportunity of visiting the World's Fair at St. Louis. In an interview published in the *Lead and Zinc News* he referred as follows to conditions in the silver-lead districts of British Columbia: "Conditions have improved materially since the lead bounty became effective. There has been in excess of \$100,000 distributed in this manner and the payments during the remainder of the year will be still heavier, owing to the fact that the production of the district is to be materially increased during the second half of the year. Naturally, the zinc industry is attracting much attention as well. The idea of having a well-known expert on zinc make a careful examination of the zinc resources of the Province is meeting with much favour and it is quite probable that such an examination will be made during the next few months. No choice has been made for the task, although Mr. Walter Renton Ingalls has been frequently mentioned in connection with the work. Since the addition of a single dollar in net returns over and above mining and milling costs means so much profit, the interest in zinc possibilities can be better understood. Since the majority of the larger silver-lead mines of the Kootenays and the Slocan carry zinc values, you can readily see why it is that any opportunity to add to the commercial value of a ton of ore is grasped at by men whose properties have not been recently worked at a profit. We in British Columbia are looking forward to an era of prosperity, which we hope to be able to extend beyond the period of bounty payments. It is quite probable that British Columbia will be manufacturing her own lead products before many more months ensue and in that way we propose to foster 'home industry.'"

TRADE NOTES, CIRCULARS AND CATALOGUES.

MR. ROWLAND MACHIN, representing in Canada Holman Bros. and Camell, Laird & Co. Ltd., has received the following letter from Mr. A. G. Street, superintendent of the Great Northern mill at Camborne, speaking in very favourable terms of the quality of the steel used in the shoes and dies manufactured by the last mentioned Sheffield firm: "As you requested me to make a note of the shoes and dies that the company bought of you I will say we put them on on the 28th of January and took them off on the 30th of April. During that time we ran 89 days

8 hours and 15 minutes, running 100 drops per minute. I consider them an exceptionally good shoe and die."

The demand for silver-plated amalgamated plates for saving gold in both quartz and placer mining operations, manufactured by Denniston's San Francisco Plating Works, 743 Mission Street, has, we learn, greatly increased, orders having been received there for from so far south as Australia, while in the far north all the large Alaskan stamps mills are equipped with Denniston plates. Mr. E. G. Denniston, the proprietor of the works has now been engaged in the business for no less than 36 years, during which time he has been the recipient of 25 first awards from exhibitions where his plates have been shown. In the manufacture of the plates only the best Lake Superior copper and refined silver are used.

The Canadian Westinghouse Company, Limited, announce (in a very tastefully printed circular by-the-way) that they are erecting a large plant at Hamilton, Ontario, and purpose there manufacturing electrical apparatus of every description. This plant will undoubtedly be an important addition to Canadian industries, being equipped, which goes without saying, with machinery of the most modern improved type, and giving employment, so it is stated, to over a thousand hands. The company announce their intention of employing only Canadian workmen and using nothing but Canadian material.

The Jeffrey Manufacturing Co.'s Bulletin No. 8 deals with Electric Locomotives for Gathering Purposes, the pamphlet being written by Mr. C. E. Wayborn, who enlarges therein on the saving in costs that have followed the employment of electric locomotives in coal mines. The type of locomotive here described is intended to replace mules for gathering work and is thus designated the "Electric Mule." It, Mr. Wayborn tells us, has met with extraordinary success and at last the old darkey's exclamation, "Fust dey freed de darkey, now dey freed the mule," has come true.

The Abner Doble Company's (San Francisco) tangential water wheels are very comprehensively, though tersely, described in a catalogue just issued by this enterprising firm. They point out that modern hydro-electric power generation and transmission has led to great improvement in water-wheels, and it is now imperative that these should possess the qualities of large units in highest economy, close regulation and absolute reliability in service. Hence the tangential water-wheels designed to operate under highheads of water. The catalogue, which is profusely illustrated, very efficiently describes the water-wheel and its special characteristics and advantages.

The Canadian Westinghouse Company, Limited, of Hamilton, Canada, have sold to the Northern Electric & Manufacturers of telephone apparatus, a 300-k.w. steam turbine unit, consisting of a Westinghouse-Parsons turbine and a Westinghouse-turbo-alternator. They report numerous inquiries for these units and anticipate a brisk demand for them in Canadian territory.

Mr. C. C. Tyler has resigned his position as superintendent of the works of the Westinghouse Electric & Manufacturing Co. at East Pittsburg, Pa., and has been appointed General Superintendent of all the works of the Allis-Chalmers-Bullock interests in the United States. Mr. Tyler, who will enter upon his new duties on June 15th, will make his headquarters at Milwaukee. His record in the practical management of great machine-shops is one of the best in the country, and it has long been under the appreciative observation of men who understand the value of such ability. Before Mr. Tyler went to Pennsylvania he had made an excellent reputation, and at Pittsburg, where he has been for half a dozen years, he enhanced this by the results he achieved in increasing the efficiency of the Westinghouse electric works. In the equipment of manufactories, in the design and construction of machine-tools, in the handling of machinery and material, in processes of manufacture, and in fact in all that pertains to the economy of machine-shop administration, Mr. Tyler is recognized as an expert who has no superior in this country. In entering upon his larger field of duty, he is sure to carry with him the congratulations of the engineering profession. His appointment is another evidence