

A new smelter is being erected near Grand Forks, which is expected to handle 1,000 tons of ore per day. It is said that it will be in operation within the next six months, and that several improvements in smelting will be introduced.

It will pay dealers in mining machinery in the United States to send representatives to the Kootenay country to advertise their manufactures. There is now a good opportunity to sell mining machinery at Rossland, in the Trout Lake district, and in other portions of the Kootenay.

Manufacturers of giant powder, dynamite, hardware, sanitary supplies, steel cars, tramways, and all productions connected with smelters or mines should also be represented.

The food products of the United States find a market in great variety in the Kootenay district. There are a number of wholesalers whose representatives visit the district periodically, but it seems to me that the business could be increased by a little more effort. There is a market for hardware, woodware, crockery, glass, plumbers' supplies, groceries, shoes, clothing, machinery, bar supplies, liquors, pool and billiard tables, printers' goods, stationery, drugs, furniture, leather goods, harness, waggons, carriages, bicycles, automobiles, fur garments, skates, sleighs, and sporting supplies. Freight rates to Rossland and other points in the Kootenay are unusually high, but the scale of wages paid is liberal, and generally the miners desire the best article. It is understood that in most lines the manufactures of the United States are superior to those of Canada, and they command a more ready sale and better prices.

L. EDWIN DUDLEY.

Consul.

Vancouver, September, 1902.

TRADE NOTICES, CIRCULARS AND CATALOGUES.

THE Caldwell Brothers Co., of Seattle and Tacoma, are making a specialty of mining machinery and represent on the Coast the Hendrie & Bolthoff Co. and other important American houses. They also carry in stock canning machinery, made by the Astoria Iron Works, Astoria; sawmill machinery of various manufactures; waterworks machinery, particularly pumps, hydrants, and water gates and water meters; engines, including the Corliss automatic high speed and balance slide valve; boilers, horizontal, vertical stationary and marine, and large stocks of pipe, fittings, hose, belting, rubber and leather, packing, shafting, pulleys, hangers, etc.

"CAMMELL" STEEL.

We understand that our friend, Mr. Rowland Machin, off then than he is now with his three dollars a who is the Canadian representative of the "Bennett" Fuse, and the "Holman" Patent Rock Drill, during his recent visit to the Old Country, accepted the Canadian agency of Messrs. Chas. Cammell & Co., very extensive steel manufacturers in Sheffield. Since his return, a canvass of the steel situation, from Halifax to Pacific Coast points, shows that there is a market for a really first class steel, and the various tests which have been made in the different mining centres which have been touched by Mr. Machin in his canvass encourage him to believe that in the near future the name of "Cammell" will be as familiar in the mining world as it has hitherto been on the line of the Canadian Pacific Railway Company, whose system is heavily railed in many parts by steel rails from this company.

ALLIS-CHALMERS CO. IN EUROPE.

We have received the following communication from the Chicago office of the Allis-Chalmers Co.:

"We desire to inform you that Mr. J. W. Young, secretary of the Allis-Chalmers Company and manager of the New York office, has retired from these two positions and has been appointed general European sales manager of the Allis-Chalmers Company, with headquarters in London, England.

"This move is only another indication of the progressive ideas that control the vast business of the Allis-Chalmers Company, who are recognized as the largest producers of mining machinery and engines in the world.

"Mr. Young's past eighteen years' connection with Fraser & Chalmers, during which time he represented them in Mexico, Australia, China, Japan, Straits Settlements and other foreign countries, and his undisputed qualification as general mining machinery expert and salesman eminently fit him for his important position.

"While his many American friends will regret his going abroad, he has without question the best wishes of those who have had the good fortune of meeting him and availing themselves of his ability."

ATLAS CARS.

The Atlas Car & Mfg. Co., of Cleveland, Ohio, in Catalogues Nos. 1008 and 1012, describe a partial line of cars manufactured by them for mine, dryer, coal, ore, rolling mills, blast furnaces, smelting works and other purposes.

JEFFREY BELTING & CONVEYING MACHINERY.

The catalogue (No. 72) issued by the Jeffrey Mfg. Co., of Columbus, Ohio, dealing with their well-known make of chain belting, steel cables and elevating and conveying machinery, is a comprehensive volume of upwards of four hundred pages, nearly every page of which is handsomely illustrated from photographs of machinery in actual use.

LARGE ORDER OF COPPER WIRE FOR VANCOUVER.

The Vancouver Power Company, of Vancouver, B.C., has let a contract to the E. F. Phillips Electrical Works Company, of Montreal, Quebec, for the supply of 170 miles of copper wire required for the transmission of power from the North Arm power house to the cities of Vancouver, New Westminster, and other centres. Delivery is to be in three instalments, one-third each in March, May and June, of 1903. The weight of the wire will be, approximately, 150 tons, and the contract price is about \$35,000.

MACHINERY SHIPMENTS TO JAPAN.

A large consignment of mining machinery, made by the Allis-Chalmers Co., of Chicago, and consigned to a mining company operating in Korea, recently reached Vancouver, B.C. It will be taken by the C.P.R. steamer Athenian to Kobe, Japan, where it will be transhipped to a local steamer for Korea.

COAL EXPORTATIONS AND TRADE.

COAL exportations from Vancouver Island collieries during the month of October were as follows:—

	Tons.
New Vancouver Coal Co.	33,448
Ladysmith	26,295
Total	59,743

During the month pumping operations were commenced at the New Vancouver Coal Co.'s old workings at the northern end of Newcastle Island, overlooking Departure Bay. This mine was first opened some twenty-five years ago and worked for a considerable time, when it was abandoned while the more important seams in the vicinity of Nanaimo were being developed. It is hoped that this new addition to the New Vancouver Coal Co.'s extensive field of operation will amply reward their enterprise in opening up the old mine. Work will be prosecuted vigorously and the mine placed in working order as quickly as possible.

The Fort Steele Prospector states that the Crow's Nest Company contemplate in the near future, possibly the coming year, a daily production of 6,000 tons. Of this vast product about 40 per cent. of the coal and 50 per cent. of the coke will be exported. The general demand for coal seems to have increased rapidly in recent years in the Northwest, and particularly so in this Province, and one of the most characteristic features of industrial development in this district has been the rise of the coal industry. It has been a constant struggle for the miners of the Crow's Nest Pass to meet the demands made upon them for coal and coke, but this difficulty will be overcome as the development and equipment of the collieries is increased. The Crow's Nest Southern has built a spur to the coal deposits at Morrissey Creek. Five strong seams have been opened here, on all of which work is proceeding rapidly. The output from Morrissey is nearly 1,000 tons daily, and nearly the entire output is exported into the United States.

The coal mining industry of Southeast Kootenav has as yet been but partially developed. The area of coal fields now under development is about 300 square miles. To the south, in the Flathead Valley, is an area of 300 square miles of a coal and oil producing country, which when thrown open by the Provincial Government for exploration, will give to this district a coal deposit of vast extent, second to none on the American continent.