The method in which the Roselland ores are dealt with at the smelter is based upon quick handling and economical methods, highly necessary in a plant which deals with low grade ores. Indeed, economy is imperative. A large railway yard has been built, lying between the railway station and the smelter, which is about 400 yards further up the bank of the Columbia river. Many sidings have been constructed to ac commodate the vast amount of cars which designed for the accommodation solely of the smelter, graves and, after backing along the hill, comes to the back of the roasting yard. There the ore is discharged into receiving bins, and is thence taken

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Within a few weeks the Northport smel-ter will have a gross capacity of over 1,500 tons per diem, while, allowing for temporary shutdowns of particular fur-naces, for furnaces, like boilers, want oc-casional overhauling, there will be a daily capacity for 1,200 tons and more. This means that in the course of the year there will be deaic with, in round numbers, upwards of 400,000 tons. Now this amount is practically double the out-put of the whole camp, including all the shipments to Trail for the last year of the twentieth. Thus the output being secure, it is also apparent that the smelter of the twentieth. Thus the output being secure, it is also apparent that the smelter. The method in which the Rossland ores are dedit with a smelter to half a million dollars annu-ally. The method in which the Rossland ores

Your Good Health

depends upon the food you eat. Dr. Price's Cream Baking Powder adds to the healthfulness of all risen flour-foods.

Not only this, it makes the food lighter, sweeter, finer-flavored, more delicious.

It is worth while to exercise care in purchasing baking powder to see that you get the kind that makes the food more wholesome and at the same time more palatable.

PRICE BAKING POWDER CO., CHIC+GO.

NOTE .- There are many mixtures, made in imitation of baking powder, which it is prudent to avoid. They are lower in price than pure powders, but they are made from alum. Alum in food is poisonous. from alum.

the somewhat sordid streets of Wool-wich. At the station the band played "Auld Lang Syne," as the contingent steamed slowly out of sight amid deafen-Under Section 2, sub-section (3) ing cheers. Eighty-six Canadians made -Henry Harris, Nelson; Alexander McKil-the journey. lop, Nelson. Notice is given that application will be

More Hospitality.

Notice is given that application made to the Legislative Assembly of the province of British Columbia, at its next Last night the mayor and corporation of Kensington, one of the London dis-tricts which has just been incorporated under the act of Parliament by which in the boroughs, entercompany with power to construct, equip, operate and maintain a railway, standard

 and Mr. Bela Kadish is a man of some to the swelter from the management intend making some to the serve at a some to the serve at the serve COMPANIES GRANTED ARTICLES OF Penticton and the International Boundary on the watercourse connecting Okanogan thence to a point at or near Midway; thence to a point at or near the city of Grand Forks; with power to construct, equip, maintain and operate, from any point on the said railway, branches and extensions of the same of not more than 30 miles in length. Notice is given that application will be will not send out engineers to report only made toi the Legislative Assembly at its in exceptional cases, and even then only next session for an act to incorporate the when they allocate a large share of the ter in this way, it is in the interests of the province that adequate representation should be arranged. The interests of each true individual miner in British Columbia is the interest of the province. We it is the bounden duty of every voter to ask his representative to help forward suitable representation in London. There is a good time coming, and we need to be ready.—The Empire.

This process, which 'a undertaken for the purpose of getting rid of the superfluous sulphur, takes some six weeks for the sotual incineration, and about another two for the process of cooling down. As this is done the sulphur is reduced to about 2 per cent. Now as the charge of ore going into the furnaces will admit of the pres-ence of nearly twice as high a percentage. in the charges. This green ore is that which has not undergone the oxidizing or roasting process. This being the case there is a direct saving accruing through the matter sampling mill and assayed in ord to see what are its values and just ho much it varies if at all, from the stan

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into receiving bins, and is thence taken and piled into heaps, each containing about 5,000 tons, which are thereupon roasted. This process, which is undertaken for the number of outtoa is undertaken for the ence of nearly twice as high a percentage of shipbur, it follows that as the ordinary about one-third of green ore can be used in the charges. This green ore is that which has not understand the ordinary to the requirements in gold and which con-tains about 50 per cent. of metals present. The matter is then present the matter is then present the matter of the present of the present the matter of the present the matter of the present the matter of the present of the present the present of the present the present the present the present of the present the er roasting process. This being the case inter sampling in the values and just how to see what are its values and just how the omittal of the double handling necessimuch it varies, if at all, from the standard or contracted for by the refineries.

there is a direct saving accruing through the omittal of the double handling necessi-tand by roasting the ore. After leaving the roasting heaps the ore goes to the furnaces, the charge being made up constantly according to a certain formula given to the man in charge of each furnace; so much ore, so much lime, so much coke. Of the two latter there are used daily from 200 to 300 tons. There are at present three furnaces, and two addi-tional are in the course of construction, which will bring the capacity of the smel-ter, when all are blown in, to about throughout the year is brought to between 1,200 and 1,300 tons a day. These fur-naces are constantly kept going with the exception named ,shutting down from time to time to admit of the performance of the necessary overhauling. To prevent the furnace is connected with a cycloida blower which supplies compressed air un-dew a pressure of 32 inches, which is be

blower which supplies compressed air un-der a pressure of 32 inches, which is believed to be one of the strongest pressures ies. Under the present market conditions used in smelters in this country, or in there being a great demand for copper and used in smelters in this country, or in the west of the United States. These blowers, of which there are five, are driven by a couple of engines, one of which is already in operation and the other is in course of assembly. The engines in turn are supplied with power by three Hence wates the beilere of an apprentice. Heine water tube boilers of an aggregate horse power of 800, the steam being cre-

hence water time bollers of an aggregate horse power of 800, the steam being cre-ated at present with wood fuel, a constant force of woodcutters being kept at work by the smelter company. Below the furnaces a constant stream of molten slag and metal pours out of the bottom of the furnace. This drops onto a huge receiver. The metal part of the receiver, the upper part of which is nearly all slag or refuse. This overflow is in turn dropped into a second and movable receiver which overflows in a constant stream into a "laundry" or conduit of water. Instantly the stream is granulated or converted into powder, which is hur-

scattered about among their entertainers. Sir Joseph Ewart, Col. Sir George Pocock, and the Vivar of Brighton were present.

More Oratory and a Drive.

The mayor of Brighton made another speech after lunch. He said when the Dominion of Canada wanted the help of the mother country plenty of Sussex volunteers would come forward (Brig is in Sussex). Major Rogers replied that their reception had been an inspiration They were proud of being Britishers and was a source of great gratification to

It was a source of great gratification to the finest regiments in the grand corridor as they waith sole sech containing a history of the Royal Pavilion, and in the grand corridor as they waith a book sech containing a history of the Royal Pavilion, and in the grand corridor as they waith a book sech containing a history of the Royal Pavilion, and in the grand corridor as they waith a book sech containing a history of the Royal Pavilion, and in the grand corridor as they waith a book sech containing a history of the Royal Pavilion, and in the grand corridor as they waith a book sech containing a history of the Royal Pavilion, and in the grand corridor as they waith a book sech contains who accorded them ringing in this province. The head office is the carrying of the acangany is £42,000, divided into £1 speak here also, and talked to the crowd of the cangent is £40. Mile House. The contains as the books as well the vestimule, and then they went for the acangany is £42,000,000 there solves as tioled in the sent the sequent at the dime by the First Life Guards as Winders for the section and by an afternoon special. In the evening the officers were strider to a ball at Clewer park, where Law dired into a ball at Clewer park, where Law dired into a ball at Clewer park, where Law dired into a ball at Clewer park, where Law dired into a ball at Clewer park, where Law dired into a ball at Clewer park, where Law dired into a ball at Clewer park, where Law dired into a ball at Clewer park, where Law dired into a ball at Clewer park, where Law dired into a containe the maint ited, non-personal liability. The capital Mines, in the sure of the common weall biling to the common weall the mining busines. The way be made, navigable. The capital the park of the same of the common weall the mining busines. The way be made, anavigable. The capital the common weall the mining busines. The may and the park and here weak as the same of the common weally the park of the campark weat the common weally the park of the common weally

The Nation's Arsenal.

Yesterday was taken up with a visit to the National Arsenal at Woolwich, to-wit: the Canadians went under com-mand of Mayor Buchan. Though their special was timed to arrive as early as half-past nine in the morning there was an immense crowd in the streets to see te- march from Woolwich station to the on the railroad platform. The Canadians

INCORPORATION, ETC.

Number of Railway Schemes on the Carpet-Assayers Who Passed the Recent Bramination.

The last issue of the Bridish Columbia Gazette contains the following announce-

carry on a general mining business. A certificate of incorporation has been issued to the White Warrior Gold Mining

on the railroad platform. The Canadians showed a keen interest in all the depart-ments, and particularly in the forty-ton harmer which was worked for their spe-cial benefit. Mayor Fisher took the official benefit. Mayor Fisher took the offi-cers round and explained the workings of the latest patterns of guns to them at length. They lunched with the officers of the Royal artillery and the Royal Horse artillery, Sir J. F. Maurice doing the laudatory speech-making which the gal-lant colonials have won for them wherever chey have appeared in England. At three to clock the return journey was commenced, the bands of the Tenth Lancers and Roy-al Horse artillery marching in front. No-more enthusiastic and overflowing ovation has been accorded to the men in their rambles about old England than they ex-land corded as they marched back through the bands of the guland than they ex-la solution the solution of the man in their rambles about old England than they ex-tored as they marched back through the bands of the guland than they ex-la through the solution of the man in their rambles about old England than they ex-tored as they marched back through the bands of the guland than they ex-tored as they marched back through the bands of the return journey was commenced. the bands of the the tancers and Roy-the bands of the man in their trambles about old England than they ex-tored as they marched back through

STATISTICS OF

'Kootenay Central Railway Company,' with power to construct, equip, operate and maintain a line of railway, of standard

the Republic fraction and the Sultan north tion, on Hooker creek, in the Ainsworth mining division of East Kootenay, and to carry on a general mining business. A certificate of incorporation has been A certificate of incorporation control of the and metals by means of meetings for the reading anu discussion of technical papers and the subsequent distribution of such information as may be gained through the medium of publication. Second, the es-tablishment of a central reference library and a becomercian for the number of this and a headquarters for the purpose of this

In this province. The head office is in to London, while the office in this province is at 150-Mile House. The capital stock in the company is £42,000, divided into £1 shards. The company proposes carrying on a general trading business at 150-Mile House. A certificate of incorporation has been issued for the Avon Mining & Milling company, kimited. The capital is \$500,000, divided into 2,000,000 shares of 25 cents caims in the Burnt Basin section and to generally engage in the mining business. k claims in the Burné Basin section and t to generally engage in the mining busi-ness. A certificate of incorporation has been issued to the Commonwealth Mines, lim-ited, non-personal liability. The capital stock is \$1,500,000, divided into \$1 shares. The object is to acquire the Common-wealth, Republican and Sultan claims and the Republic fraction and the Sultan frac-tion, on Hooker creek, in the Ainsworth

city.



