Electricity is Coming Into Increased

MUCH CHEAPER THAN STEAM

The Cost of the Plant is Less and it is Much Lighter and Therefore Much Easier Transported-Why Electric Drills are Not Used

er. Among these are the following:

Reduction plant Silica......150 Great Western...... Trail smelter...... 400

of the power averages \$40 per year per Messrs. Cunlift & Ablett, who have horse power, and when the difficulties ex now a thoroughly well fitted out estab mountainous and wooded country, and the cost of the original plant are considered, this price is reasonable. The distance from Rossland to Bonnington Falls, where are somewhat taken with the success of the price is reasonable. The distance from Rossland to Bonnington Falls, where are somewhat taken with the success of the Rossland to Bonnington Falls, where the somewhat taken with the success of the Rossland to Bonnington Falls, where the somewhat taken with the success of the Rossland to Bonnington Falls, where the somewhat taken with the success of the control of the success of the from Rossland to Bonnington Falls, where the power is generated, is 35 miles. Here the West Kootenay Power & Light company have 4,000 horse power installed. This does not represent nearly all the power in the falls, in which 100,000 horse power is available at low water. Should the B. A. C. foundry is not quite complete yet. They have a band saw set up, power is available at low water. Should all this be utilized there is the upper falls where there is from 60,000 to 70,000 horse power additional available, and can be utilized when it is properly harnessed. From the rapid way in which the power is being utilized it will not be long before is being utilized it will not be long before is being utilized it will not be long before the present capacity of the works will of a size and weight apparently more fit-have to be increased to supply the detection of an engine than a wagon.

That it is much cheaper than steam power has come to be a recognized fact and the best in the mining men claim The Great Northern Has an Accident-A that it averages at least 30 per cent cheaper than steam. In some cases it is its than this an in others it is more. Where A refrigerator car and 540 bushels of de do all the work on each shift because it in consequence.
is so light. There is no stoking, and all The morning freight train for Rossland that is required is to keep the machinery left Northport as usual about 8 o'clock.
The work, there- Thursday. In the center of the content of the content of the center of the content of the center of porting fuel to such a height would be from this point to British Columbia, favor of the electric plant. Then, too, the about 175 feet, the car in question,

n'ant is too great it will not be incurred. coupled after the accident and got into Mine owners realize how much more Rossland all right, Mr. Logan says we cheaply an electric plant can be transport- will have to take United States apples ed and this often causes mining ventures, this winter, as it is now too late to get which otherwise, would not be undertaken, any more from Ontario. to materalize, and in this way is of great benefit to the industry.

Inquiry as to why the electric drill was not used, elicited the fact that it is not a It Was Attended by 114 Members of the partial success on the surface. They are used to a considerable extent in hydraulic mines. An order was placed a few days since for a number of electric drills to be used in a Cariboo hydraulic mine. The advantage of the electric drill is its lightness and the facility, therefore, with which it can be shifted around without the necession of the order attended to the fair and who aided it in many ways. advantage of the electric drill is its light of the wheet he elecased was the inner guard of the magnet winding burns out. The grate advantage of mining, for the reason that it will be made so that it can be shifted around swhere. The amount of the greater density and heat of the atmosphere there. This causes the magnets winding burns out. The grate advantage of mining, for the reason that it will be magnet winding burns out. The grate advantage of mining, for the reason that it will in time be obvinted, to the great advantage of mining, for the reason that it will be more pliable, and greater speed will be more seen that the use of steam in the mining to the speed of the seen that the use of steam in the mining speed over at Butte, Montana, on its way to Rossland Hon. C. H. Mackintosh, or the following transport. It was the consensus of opinion of those seen that the use of electricity as a motive power will be so for the following reasons:

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First—Because it does away with heart. Second—Flexibility of conductors which it was done that the state of the following reasons:

First—Because it does away with heart. Second—Flexibility of conductors which it was a forther for the proper of the proper of the foll

Third-Absence of any gas generated by the operations of the m

Fourth-Less cost of transportation and setting up of machinery. Fifth-It is from 15 to 20 per cent cheap

Sixth-It is especially cheap as applie development work has been done.

HOW REPAIRS ARE MADE.

the Red Mountain station, there is now installed about \$12,000 worth of machin That electric power is largely supple ery, and nearly \$20,000 nas been expende menting steem in the mines and other in-been laid from the compressor at the dustries of this section, is shown by the Nickel Plate, and power for some of the large number of mines, etc., that are now machinery is obtained in this way. Two using the power or are installing plants of the machines, an elevator for lifting which will use electricity as a motive pow-mer alog worked in this way. With a Horse Power. simple twist of the wrist the elevator will work it is liable to scare an innocent on

looker. Mr. Fraser, the master mechanic, and his brother, who is in charge of the shops, 150 his brother; who is in charge of the shop have already turned out quite a number ore cars all complete, and several more 50 are nearly finished. It is in repairs, how 50 ever, that this branch of the company 50 plant is now doing such good Formerly a great many vexatious delays Miner and other printing offices...... 50 were occasioned because the repairs necessory lighting the relationship of the result Miner and other printing offices...... 50 sary could not be made off hand. It was frequently necessary before the shops were

horse power, and when the difficulties ex now a thoroughly well fitted out estab-perienced in building the line over a rough lishment on Nickel Plate Flat, do all the

A DROP IN APPLES

Car Falls 180 Feet Into Sheep Creek.

steam is used there had to be three eight-licious winter apples lie in Sheep creek, hour shifts, with an engineer and stoker about two miles this side of the falls on the on each shift. With electric power there line of the Great Northern railway, and

fore, is much easier when a plant is oper- the train, which was a double ated by electricity than it is by steam header, was a large refrigerator Fuel is dear here, and the cost of the car, holding a consignment of 180 barrels electric power is much less than fuel. of apples for Mr. M. S. Logan of this city, In localities which are hard to reach, like sent from near Goderich, Ontario. The the New St. Elmo mine, the cost of trans- apples being a first shipment of the kind considerable, while the cort of getting the of an especially fine character, a picked electric power to it is inconsiderable. It lot, in fact, and Mr. Logan had already is thought in places like the St. Elmo sold the entire consignment to the deal-that the difference in favor of electrical ers here in advance. About two miles or ver is about 40 or 45 per cent. The so this side of the Sheep creek falls, where first cost of machinery, if anything, is in there is an almost perpendicular drop of life of the electric plant is greater than a out on a signed reason, left the track, steam plant. A steam boiler will last and after bumping along the ties for a about eight years, while an electric motor short distance, disappeared over the edge will last 20 years with slight repairs to vi the embankment and rolled down into the bearings. This will be the case unless it is burned out through neglect, careless ness or lightning. Even lightning can be guarded against by the use of proper lightning arresters.

Sheep creek, turning over and over on its way down. One pair of trucks remained on this side of the creek, but the other pair were pitched bodily over the creek lightning arresters. ,The electric plant has an advantage, too, to pieces, hardly a trace being left of it, which is of much importance in a country and the apples were scattered in every where the means of transportation are direction. There will be no salvage. A car limited, and that is, it is much less bulky like the one in querron is said to cost than is a steam plant. It is usually only from \$1,200 to \$1,500, and the cargo was a sixth of the weight of boilers and steam valued at about \$800, so the company will engine. This is a most important considhave a cheerium little bill to settle. Alteration at the inception of a mining enthough the car which caused all the terprise. Usually a mining property, when it went off, none of the other cars and if the expense of transporting a steam left the metals. The train was just re-

JAMES NELSON'S FUNERAL.

Order of Eagles.



Pale and Bloodless.

Anæmia is the term which doctors use to indicate poverty of the blood. Probably 90 per cent. of the girls and women of to-day suffer from anæmia. This is a startling statementbut it is true. It is easy to distinguish anæmic women. They have a dark semi-circle under the eyes; a sallow or waxy complexion; thin limbs, weak chests and ill developed forms. They are languid and tired; subject to backaches and headaches, and sometimes to hysteria and fainting spells. If the poor and watery blood is not enriched, and the tired and jaded

nerves strengthened, consumption must almost inevitably follow. In this emergency there is only one medicine that will promptly and effectively create new blood and strengthen the nerves, and that is

DR. WILLIAMS' PINK PILLS FOR PALE PEOPLE

This remedy has cured more cases of anæmia than all other medicines combined. Read what an eminent Australian physician, J. G. Bourchier, M. D., F. S. Sc. (London) and late government medical officer says:-

Manager Dr Williams' Med. Co.

127 Redfern St., Sydney, N. S. W.

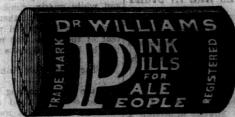
Dear Sir: For some time I have been in the habit of recommending Dr. Williams' Pink Pills to my patients with excellent results. As a tonic their effect is most satisfactory and permanent. In Anaemia, Chlorosis, and allied diseases I have found them very valuable, and in irregularities of the menstrual period they are unequalled. J. G. BOURCHIER, M. D., F. S. Sc. (Lond.)

A SEVERE CASE OF ANÆMIA CURED.

Miss Mabel J. Taylor, living at 1334 City Hall Avenue, Montreal, writes: "I write to give you the honest testimonial of a young girl who believes her life was saved by the use of your Dr. Williams Pink Pills for Pale People. In November, 1897, I was suddenly stricken with loss of voice, and for eight months could only speak in a whisper. At the time I was completely run down. I had no appetite, no energy; suffered from headaches, palpitation of the heart, and shortness of breath. I was not able to walk up or down stairs. I was given up by the best doctors, and the different remedies I took did me no good. While in this condition I began the use of Dr. Williams' Pink Pills. By the time I shad taken four boxes my voice was restored, and after the use of eight boxes I am feeling perfectly well. I cannot find words to express my thanks for what Dr. Williams' Pink Pills have done for me, and you are at liberty to publish this letter; in the hope that it may be of bene to some other sufferer."

The Genuine are Sold only in Packages like the Engraving. WRAPPER PRINTED At all dealers, or direct from the Dr. Williams' Medicine Co.

Brockville, Ont., at 50 cents a box or six boxes for \$2.50.



was brought to a close Saturday night. Owing to the wretched weather yesterday ing to the wretched weather yesterday prevailing there was not a large attendance, but those who were there in the evening had heaps of fun. All the raffles were closed out and the goods on hand were auctioned and some good bargains were picked up. A statement will be made on Tuesday next of the amount realized, all the figures not being in last night. It is understood that the total is a satisfactory one.

THE SISTERS' _OSPITAL.

Close of the Fair—A Good Sum Realized.

Gratitude of the Sisters.

The fair in aid of the Sisters' hospital was brought to a close Saturday night. Owing to the wretched weather yesterday 106.

Chian Tea Set—Donated by Fox & Co.; raffled by Josephine Reddin; won by Miss Long, No. 78.

Satin Cushion—Raffled by Ella Cospiffe; won by W. F. McDougall, No. 6.

Pipe and Box of Cigars—Raffled by Lily Dyer; won by Joseph Kelly, No. 106.

Card Case and Counters-Raffled by Antoinette Saucier; won by Ernest Carpenter, No. 3.

Lamp—Raffled by Mosie L. Ecryer; won by F. A. Hewer, No. 60; donated by Gold Watch-Won by S. J. Brailo, No.

THE OKANOGAN.

A Change in the Directorate—Mr. Langley Retires From the Board.

TADDY & CO.

London Eng. ESTABLISHED 150 YEARS ORBIT" Brand and

PREMIER Navy Cut Tobaccos.

AGENTS FOR CANADA: JAMES TURNER & CO., HAMILTON, ONT.

A Handsome Jewellery Catalogue.

That Christmas Gift problem is at hand. Birks' beautiful jewellery catalogue will help you solve the pleasant

Birks' catalogue is a work of art, it describes and illustrates Birks' jewellery, the highest quality and most moderately priced in Canada.

The catalogue illustrates all sorts of jewellery, silver and plate. It shows gold rings, with all sorts of settings, as exact as colors and paper can show them.

The catalogue is sent free to any one writing for it. With it you will readily dispose of the difficulty ot selecting suitable holiday gifts.

> Henry Birks & Sons JEWELLERS AND SILVERSMITHS MONTREAL.

ROSS

All Classes

Mr. William A. Carlyle, superintendent and the British America held at the city fectionate terms that the cipient could moved was only after he he

his reply to the address spoke with much suppres thanks again and again, nenced to speak of the camp that he regained of himself. The specches there was not a jarring no proceedings. The impron by Mr. Isaac B. Kenty, on behalf of the working pleasing incident not loo mmittee, and evidently greatly pleased Mr. Carlyl The address presented workmanship of Mr. R. Mr. Simpson of this city, greatest credit on them. done by the first na and the illumination by The design was sketched Nelson, and consists of an

held in position by two which form the side lines. of the arch are the arms resting on a maple leaf. words: "The map and the lines, "Should Aul be Forgot and Never Bro In the right and left corn are the arms of the provi on either side are two ex ink mining scenes, the wl very creditable to His Worship the Mayor in the council chamber at Carlyle on his right, and er, president of the of trade, on his left. Am ent in the hall were the H Dominion Minister of Mayne Daly, solicitor Hon, Charles H. Mac J. Collins, Messrs R. the B. A. C., Charles V. War Eagle, Hector McF

Kenty, the spokesman and of the mincrs, Frank Olive

manager of the Merchants

tax, John Boultbee, P. M.,

ald, W. J. Nelson, K. Da

Henri Roy, Anthony J. Ingram, J. B. Johnson,

Harp, T. S. Gilmore, The H. W. C. Jackson, A. H. I Richard Plewman, Thomas Hunter, H. S. Wallace, Howard Jones, R. E. Yo others, a large portion of filled by working miners to say farewell to their The dominant note of delivered was pride in the Carlyle, as a native Cana chosen for such a high post; coupled with that fac ability and integrity was a such as the coupled with that fac ability and integrity was a such as the constraint of the c he would successfully fil tion in such a manner as the credit of the whole fact, regret at his depart mement lost in the gratific ed in the fact of this hon a fellow-countryman. In there was absent that di characteristic which usua dresses on such occassio weuld have been impossib present that the tenor of should not have taken than the mere boundars. The names of the speakers indicate this; and the ever almost historic in its sign for that the representative fact that the representative ital in the Mother Coun continent had united in with the representatives miners to pay tribute to the of one man. The address sentatives of the comment of the town; of ex-Covernor the town; of ex-Governor

the town; of ex-Governor has the ear of capitalist and abroad; of Minister Dominion cabinet; of M spoke for the president, staff of the two great sis the camp; of Mr. Palm with and under Mr. Carl, the Mr. L. P. Kenty N. like Mr. I. B. Kenty, w terranean workings of th out his in ructions—were of men whose experience great number of years a of the world, and all of same note of regret at admiration of his qualigratulation at his success
Mayor Goodeve, in the
expressed the high estee
Carlyle is held by the pe

and the province gener cal'ed upon Mr. W. J. N. address on behalf of the The Addre

In presenting the addition of the interest of esteem and respect o mit me to say that I dee