Dr. R. Bell

Cumberland.

Pictou.

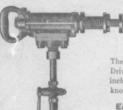
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JULY 22nd, 1908

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fi.an be used in connection with any good "churn" drill, but operates best on the long-stroke KKYSTONE, thus making the cheapers and quickee method of voring to be found.

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All titles, transfers, etc., are recorded free of charge by the Department. The royalty on coal is 10 cents per long ton, and on other minerals in proportion

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minerals in proportion
The Gold District covers over three thousand square miles, and the deposits of coal
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Under direct special arrangements with the Inventor, we are building the "Capell" Patent Mine Ventilating Fan, for the Canadian Coal Mining Trade. They are largely used in the Coal Mines in the United States and Canada, as well as in Great Britain and the Continent, probably exceeding in number any other high class fan in use to-day.

We invite inquiries, which will have our closest attention.

I. Matheson & Company, Limited. New Glasgow, " " "Nova Scotia.



Stellarton, N. S., July 22nd. 1908. New Series No. 2. Vol. 1,

THE HEALTH OF THE MINER.

It may be of interest to enquire how far coal min-

ers are afflicted by pulmonary diseases

Dr. Thomas Oliver writes: 'Fifty years ago coal miners' phthisis or anthracosis, was a well known disease; to-day, thanks to the well ventilated condition of our coal mines, the malady has largely diminished in Great Britain. It will be found that taking ages up to 55 the death rate amongst all occupied males from lung diseases is 21.75 per 1,000 whilst that of coal miners is 16.3 per 1,000. Not only in this country but also in the United States coal miners appear to be less prone to diseases of the lungs than the rest of the in lustrial community, for a census taken there shows that whilst pulmonary consumption was responsible for 16.2 per cent. of the deaths of all occupied males, only 10.6 per cent. of the deaths of coal miners and quarrymen were due to that cause

'De Crocq speaks of the rarity of phthisis among Belgian miners. Arnold reports that in Germany tuberculous diseases are rare among coal miners.

Although the miner spends a considerable portion of his time underground, there is some reason to think that the conditions under which he pursues his calling procure for him a certain immunity from lung disease. not shared by the majority of occupied males. prevalence, two decades ago, of coal miners' phthisis was most probably due, in some measure, to the faulty ventilation of the mines of the time, but quite as much, probably more, to the unhealthy dwellings that many of them had to occupy. The improvement in the ventilation of mines has done a great deal, both to reduce the unhealthy conditions of labour that old miners had to work under, and to contribute to the relative immunity of miners of to day from lung diseases. air, as it passes onward through the mine, becomes rid of bacteria and reaches the miner at his work in a purer state than the air breathed in the streets of a

In some quarters the opinion is held that coal dust acts as an antiseptic and exercises a favorable influence on tubercolous processes already established. It is the common experience of surgeons that flesh wounds sutsuggest some protective influence exercised by the coal dust. It is interesting to remember that coal is a vegetable product, and the result of microbial agency, yet coal dust, when subject to bacteriological examination, is sterile and free from micro-organisms. The coal dust on wounds suffered by coal miners is, therefore, sterile, and as it is not an irritant it does no harm. But whether it really does any good is a matter on the extent of one row of shots.

which some doctors have not quite made their minds, There are pros and cons to the case, but turther investigatiod seems necessary to adequately decide the matter. It is on record that guinea pigs have first been exposed to coal dust, long enough for the lungs to be charged with a considerable amount of it, and then a pure culture of tubercle bacilli has been injected into Whilst the glands and abdominal visthe windpipe, cera showed signs of tuberculosis, the lungs remained free. Other guinea pigs into which similar bacilli were injected, but which had not previously been immersed in an atmosphere containing coal dust, all became subjects of tuberculosis of the lungs. This experiment shows that a certain amount of protection from pulmonary tuberculosis had been given by the coal dust Surgical experience of miners' wounds and these experiments appear to show that the coal dust prevents the germination of bacilli, yet when micro-organisms including the tubercle bacilli, are treated with coal dust, no germicidal effect is produced. To the lay mind it appears that if coal dust in the lungs prevents the germination of tuberculous germs, then if coal dust is added to such germs they should be destroyed, yet such is not the case. Dr. Oliver, the eminent Newcastle-an Tyne surgeon, is not satisfied on the point. It may be remarked, however, that fifty or sixty years ago tuberculous disease of the lungs carried off large numbers of coal miners, yet the coal dust of those days was as sterile as that of to-day, and would exercise quite as great an antiseptic influence, if such infinence is exercised by coal dust.

PREVENTION OF MINE ACCIDENTS.

Mr. H. O. Prytherck, one of the U. S. Anthracite The Mine Inspectors, thinks that many accidents are due to the fact that the employees are not versed in their duties as set forth in the mines law and other rules. In the U.S. the Mines Department distributed copies of the Mines Act printed in the several languages spoken by the workmen. This did not effect improvement on account it is assumed, of the difficulty the workmen experienced in getting at the portions that applied to the different occupations or their particular common experience, although black and gangrenous chered by coal miners, although black and gangrenous clocking at first, heal remarkably well, which would be the acal to suggests that the following 'Dont's' be printed on cards in clear type:

THE MINER.

Don't hurry to the face until the smoke has cleared

Don't forget to sound the roof after each blast. Don't undermine top coal or top rock more than to

Don't permit your labourer to load coal before you have replaced dislodged timber.

Don't conclude the roof is safe in spite of a drum-Don't take a lighted pipe or lamp to your powder

Don't forget to keep your labourer and his pipe at a respectable distance when you are handling explos-

Don't fire two holes at the one time.

Don't shorten your squib in order to save powder in a wet hole.

Don't pass over danger signals.

Don't hurry in order to get out early.

Don't risk your life to save labor

Don't forget the miner is responsible for the safety of the labourer.

THE LABOURER.

Don't go into the face until the miner has examined it, and pronounced it safe. Don't fire blasts for the miner, nor in the absence

of the miner.

Don't disregard the orders of the miner. Don't run cars out from the face. Let the runner come for them.

Don't roam through the old workings,

Don't walk haulage roads; go the manway. Don't forget to close all doors as you pass through them

Don't forget to retreat to a place of safety when blasts are about to be exploded, etc., etc.

THE RUNNER.

Don't allow drivers to run cars. Run them yourself. Don't ride between cars in a moving train.

Don't ride on the side of the car.

Don't allow the drivers to make flying switches. Don't ride on the front bumper of mine cars.

Don't run cars on a grade until you know it is clear

Don't forget that head-blocks are to be put on for the protection of runners and drivers. Don't forget to call the attention of the driver boss

to bad roads.

DRIVERS.

Don't take the door boy away from his post to drive your mule.

Don't ride on the bumper, trailing your feet along

Don't forget that a blast follows an alarm.

Door Boy.

Don't leave your door.

is necessary.

Don't run around after mules.

The papers have it that as a result of Mr. James Ross' visit to Britain, an English expert, Mr J. Kirby, By such means the Carnegie Steel Co. is now operatwill join the staff of the Dominion Coal Co'y. Record is of opinion that Mr. Kirby comes not as a permanent official, but as an expert on submarine coal Youngstown is to be made. mining. The Record is greatly mistaken if Mr. Fergies' place will be filled in the meantime.

BURNING ASHES AND OTHER ECONOMIES

Within the last year or two there have been several idealists who have rather ingeniously exploited methods of reusing partly burned coal by adding to ashes combinations of heat generating chemicals. The first of these was John Elmore, a cobbler of Altoona, Pa.; but he was quickly followed by another man in Allentown, Pa., still another in Philadelphia, another in Iowa, another in Michigan, another in Missouri, and at various times and in various places local papers have partrayed, under circus-poster headlines, the wonderful discoveries of some local notable.

Adding any chemical substance that will, when heat is applied, generate gas, ashes can be seemingly burned for a time; that is, the unburned particles of coal, rather of coke or semi-consumed Anthracite coal, that have not been seperated from the ashes, will burn and hold fire, and the gas generated from the chemicals will facilitate the combustion to exhaustion of all the carbon of such particles. This is about all there is to the question of burning ashes-a condition like that observed when certain chemicals are brought into con-

For instance, unslacked lime, when brought into contact with water, will generate an intense heat, intense enough to set fire to a building, as has often been proved; or strong spirits of ammonia will develop an intensity of cold, when diluted with water, sufficient almost to freeze ones fingers when grasping the flask ar other vessel, glass, clay or metalic, in which it is contained. The faculty of generating heat by chemical admixture has been much speculated about by chemists as a probable source of heat in that remote time when our coals will have been exhausted, but at the present time it is an ideal condition that science determines is feasible, but which commercial conditions pronounce impracticable. Coal is likely to continue to be used for a long time yet.

At the same time, there are signs and portents that it would be just as well for coal producers and others who have an interest in fueling commodities and investments to take cognizance of. It is well known and recognized by the few that certain economies that are being practiced, and others that are being tried out by some of the large consumers of coal, mean a distinct reduction of the quantity they use for the generation of a certain fixed amount of power; in fact, it is indicated that with no increase of the quantity of coal, they will be able to generate a considerably greater amount of power. In the metal making industry, a considerable declension of coal use is not only indicated, it is actually in effect. At various blast furnaces of the U. S. Steel Corporation, and some other metal-smelting Don't allow your door to remain open longer than companies, blast-iurnace gas, that is, gas that is created as the result of the admixture of ore, coke and lime stone in the furnace during the process of roasting out the ore, is now being used to develop the blast for the fanning of the fires of the furnaces themselves. is about as near to perpetual motion as men are likely to get—a self-generated power to continue operation ing furnaces at its Carrie and Duquesne plants, and its extension to the plants at Donora, South Sharon and

> For these furnaces, gas engines of a special construction and of 5,000 to 7,000 horse power are used.

Moreover, the quantity of gas recovered from the furnaces is greater than is needed for the feeding of the engines, and the surplus is used to heat soaking pits and heating furnaces for the manipulation of raw steel into higher forms. This means a material reduction

in the consumption of coal.

Another factor that is of growing prominence is the use of gas engines of smaller power for many uses, especially in small power plants, and in cities where the room occupied, the dangers attending, and the cost of installing steam plants require consideration. It is demonstrated that there is not yet a gas engine that, without grave troubles, will operate successfully under was educated as a civil engineer, and served for a time gas made from bituminous coal; but this is being care- on the Highland R'y. When a young man he emigratfully investigated, and a process of making, rather of ed to New York and engaged in railroad construction washing, such gas so that it can be so used is now claimed, and if it is not yet achieved, it doubtless will When in Ulster County, Mr. Ross married Miss Kerr, be. The field is so broad, and the reward promised so of Kingston, N. Y., and has one son, J. K. L. Ross, the remunerative, that it is not guessing to predict that commercial manager of the Dominion Coal Co., Ltd. the time will come when the desired results will be ob-

What does it portend to the coal trade? Much, in the opinion of those who have given it serious consideration. Among other things, it portends that those coals that are high in volatile constituents will bring a higher price in the tuture than they do now; that coals low in volatile, and particularly if non-coking, will have a limited field for usefulness. Even in domestic consumption, gas is encroaching on raw coal consumption in populous communities. At the same time inventors are spending nights and days seeking to devise better appliances of the use of gas, to reduce the cost of fueling and in hope of expanding the field of use or their devices. Stove manufacturing companies are spending large sums in this direction.

Gas engines are largely in use wherever natural gas is obtainable, and also where gas made from an thracite coal culm is available. Anthracite culm makes such a gas, and at so low a cost that its extended manufacture is indicated, among other lines of evolution .-

(The Coal Trade Journal.)

THE GREAT U.M.W.

As a part of the plan for the upbuilding of the union in the Anthracite region, the U. M. W. announces a reduction in the initiation fee, effective during the ensuing months of the summer and fall. The regular fee is \$10, but during the current month applicants for membership will be admitted upon the payment of \$2. uent visits to Sydney, N. S., in his large ocean-going This rate will be increased 50 cents a month till Dec-It is esember, when the full rate will be restored. timated that not over 20,000 or 25,000 of the Anthracite mine workers are at present members of the union in good standing, with all dues paid up. To effect an voted to the interests of the great coal company and increase in membership to the 1906 basis, preliminary to negotating with the operators next spring, unusual efforts will be made. Organizers are being sent to the field, and it is anticipated that President Lewis will take a personal part in the movement this summer.

ed Land without strikes' New Zealand. We thought In Montreal, where he resides, Mr. Ross has one of the it might come to that. The masters have been taking largest and best collections of pictures and art treasures a leaf out of the men's book.

THE PRESIDENT OF THE DOMINION COAL COMPANY

The following sketch appears in The Coal Trade Journal of the 8th. inst. :-

"Mr. James Ross is president of the Dominion Coal Co., Ltd., the larg st coal producer in Canada, and one of the largest in the world. The output this year will be over 4,000,000 tons. The company employs 8,000 men, owns large areas of coal lands in Nova Scotia, and controls its own railroad and steamship transportation, with modern terminals in the principal Canadian cities.

Mr. Ross was born in Scotland in 1848, where he n the Ulster and Delaware and Lake Shore Ry's. Mr. Ross moved to Canada in 1873, and since then has been identified with some of the largest and most important railroad and industrial enterprises. He was general manager of construction for the Canadian Pacific Railway, and carried through successfully the most difficult sections in the rocky mountains. He also built the Calgary & Edmonton, and Qu'Appelle & Long Lake Rys. in Alberta and Manitoba. He was largely interested in electrifying the street railways of Toronto, Montreal and Winnipeg, and is president of the street railway company of St. John, N. B. Subsequently Mr. Ross went to England, where he acquired franchises and organized the City of Birmingham Tramways Co. Ltd, of which he became president. Mr. Ross was for several years president of the Mexican Light Heat and Power Co., a corporation controlling valuable franchises in the city of Mexico. He is a director of the Bank of Montreal, president of the Dominion Bridge Co., director of the Royal Trust Co., director of the Laurentide Pulp & Paper Co., and other industrial companies.

From 1902 to 1904 Mr. Ross was president of both the Dominion Coal and Dominion Steel Co's,, and during that period he rescued the Steel company from serious difficulties by financial support and the adoption of a policy for financing the company to complete construction of the plant.

As president of the Dominion Coal Co. Ltd., Mr. Ross takes the keenest interest in all the details of its operations and large business affairs, and, to more fully devote his time to this work, he has withdrawan from the Mexican and other corporations. He makes freqyacht 'Sheelah', on which he is at present cruising on the coast of Norway, He is a forceful, energetic president, and has surrounded himselt with a loyal, enthusiastic, efficient staff, all of whom, like himself, are dehave unbounded confidence in its future.

Although one of the most active men in the financial and industrial life of Canada, Mr. Ross takes a keen interest in the educational and other public institutions of Montreal. He is a governor of McGill University, and also one of the governors of the Royal Victoria Hospital. Mr. Ross founded and endowed the Ross Memorial They had last month a strike in the greatly herald- Hospital, in memory of his mother, at Lindsay, Ont. in Canada. His summer residence is at Sydney, N. S.

SCOTTISH MINERS UNEMPLOYED

For the past three or four months the coal trade of Scotland, tollowing upon a brief period of activity, has been in a depressed condition, and most of the pits have been working little more than half time. In Lanarkshire, within the past fortnight, the outlook for the mining community has been made even more dismal by the complete stoppage of a number of collieries throwing as a result between 3,000 and 4,000 men out of employ-At several of these places there is every indication that even with a revival of trade there would not be a resumption of operations, as the underground appliances for the haulage of coal are being brought to the pit bank, and preparations are in progress for the removal of the machinery on the surface. This latter circumstance has given rise to an opinion that the coal fields of the county are becoming exhausted, and that within a very brief period the staple industry will be to a large extent a thing of the past, Already there are imaginative pictures being drawn of the breaking up of homes, of forsaken villiages, and deserted heaps of refuse, which will alone remain to mark the scenes of the former labours of the Lanarkshire miner. Any one who has given even a little thought and inquiry to the subject must know that very many years must elapse before it can be said that the coal trade of Lanarkshire is doom-Two things go to weaken this gloomy suspicion, which is apparently being built upon a superficial view of the situation. One is that some of the collieries that have been stopped were owned by firms which procured them within very recent years and did not want to keep them going longer- Previously they were owned by small companies or by individuals who made them profitable investments; and were they still controlled by these same proprietors they would be working to-day and supplying their quota to the coal demand, Another fact to be taken into account is that, while it is the case that in some districts the coal has become exhausted, there are other districts where pits have been abandoned, not because of exhaustion, but because the seams of coal are at too great a depth to be worked so easily as it is now the custom to work them, while there are still coal fields in the county lying untapped mining is unknown in Lanarkshire as compared with other districts in Britain. But in the opinion of experts coal could be raised profitably even supposing shafts were much deeper than they are at present, and it is interesting in this connection to note what the Royal Commission on Coal Supplies (1905) have to say in their final report on this part of the subject, "The evidence" they say, "indicates that no insuperable or mechanical difficulties are likely to arise in connection with deep workings, and that excessive pressure is not likely to prove an insurmountable obstacle. The increase of pressure with depth has some advantages as well as disadvantages. It may increase the per centage of small coal and the cost of maintaining the roadways and timbering, but it assists the working of the coal.

In the case of thin seams, coal cutting machinery is an aid to the profitable working of them, but even with hand labour these could be wrought at a profit. No doubt there are always a combination of conditions necessary in connection with the working of a coal field to make it profitable for those who invest their money in output on the surface and preparing it for the market has been entirely revolutionized. Seams that were at one time looked upon as unprofitable are now no longer so and this change has taken place through the introduction of screening and washing plants, with for food and other tasiff taxation.

which every up-to-date colliery is now equipped. How far the use of mechanical appliances is taken advantage of may be gathered from the fact that at some of the mines newly opened up in the county the coal is never touched by human nands from the time it leaves the miner underground until it is loaded in the waggons on the surface ready for the market. This is more astonishing when it is known that the coal passes through the process of being coked in ovens. One, however, in an inquiry of this kind, naturally turns aside to find what are the conclusions of mining experts on the question of the duration of the Lanarkshire coal supply, as long before either the coal miner or the general public became interested in the subject inquiries were being vigorously prosecuted with the view to the acquiring of coal fields for the profitable investment of capital. Dr. Dixon, a large owner in Lanarkshire, in his report to the Commission already quoted, gives the following figures : - "The total available quantities of coal in Lanarkshire at a less depth than 4,000 ft., after making deductions for faults, barriers to be left in for supports, etc., are 2,6c4,515,996 tons." He further makes the statement that "the output from Lanarkshire is now unlikely to much increase, and a decrease once begun will continue, so that the resources of available coal, which at the present rate of output is fully 17,000,000 tons per annum would be exhausted in 150 years.'

WAGES IN BRITAIN AND GERMAMY.

Compared with the British workman, the German workman gets ninepence for a shilling. That is the enigrammatic way an economist describes the lesson to be derived from some facts and figures just published by the British Board of Trade. The Board of Trade has conducted an elaborate inquiry into working class rents, housing and retail prices, together with the rates of wages in the principal industrial towns of the German empire. Aftet a general report of unusual interest, very carefully compiled tables are given comparing as precisely as possible British and German conditions. Summarized, the conclusions of the investigators show that the net rents of working class dwellings in Germany to gross rents of working-class dwellings in Britain are as 101 to 100. The net rents ct working-class dwellings in Germany are, to net rents of working-class dwellings in Britain (excluding the portion of British rents representing iocal taxation) as 123 to 100. The expenditure on food and fuel of the workman in Germany is, to his expanditure in Britain, as 118 to 100. The expenditure on food, fuel and rent of the workman in Germany would be, to that of the same workman in Britain (including local taxation), as 115 to 100, or (excluding local taxation), as 119 to 100. The weekly money wages in Germany are, to the weekly wages in Britain, in the trades selected for comparison, as 86 to 100. The average working hours per week of the working classes in German towns are, to those of the same classes in British towns, in the trades selected for comparison as 111 to Consequently the hourly rates of money wages for the working classes of German towns are, to those of the same classes in Britain, for the trades selected for comparison, as 75 to 100. In other words, the German Within the past thirty years the handling of an the British rate, and the cost of rent, food and fuel is nearly a fifth greater than in Britain, The British laborers wage, therefore, buys half as much again as the German laborers wage. Such an authoritative statement will hardly encourage the British workman to vote

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STELLARTON, N. S.

***************************** AROUND DOMINION NO. 12.

Dominion No. 12 the new colliery of the Dom. Coal Co., is some ten miles by the main road distant from Glace Bay and about six miles distant from the nearest other colliery of the company. It is approached by the road from Lingan two miles or so beyond the Barrasois pond, where some forty years ago the General Mining Association purposed to open a colliery, and make a harbour of the pond. A pit was started and considerable coal raised but the project was abandoned as the demand for coal then was limited.

When two miles beyond the Barrasois a turn is made to the left, and after travelling say a half mile the colliery is reached. The colliery is not set on a hill neither is it in a hollow. The slopes enter the ground midway between the top and the foot of the inclined ground, and against the incline. The distance from the slopes to the shore is some 3000 feet, and where they strike the waters edge, the thickness of strata is 700 feet. This is good cover and will allow of the extraction of coal without the necessity of an undue proportion of pillars, indeed it is possible that the drawing of pillars may be proceeded with at this point without fear of any break to the surface or the bed of the ocean.

Two slopes have been sunk, the main slope being down already over 1400 feet. Levels have been driven on each side, and balances are being started as it is thought the angle of the seam is suitable for this system of taking the coal from the bords. There will be tweive bords to each bal-These may be 18 feet wide, with 18 feet of Mr. Maxwell, the energetic superintendent of the colliery prefers the single to the double balance, his contention being that when it comes to the drawing of pillars the single balance permits of more economical extraction with less risk. The energies of the management from the start to the present time have been concentrated on development underground. Before the railway taps the colliery or a permanent building erected, the work underground will be so far advanced as to give warrant for the erection of a sufficient and substantial surface plant. This is the proper plan to pursue. By and bye a third slope will be driven. The hoisting slope in centre the others to serve as returns for the air. This is also an improvement over the common order of things. There are about sixteen thousand tons of good

looking coal on the bank, ready for shipment as soon as rail connection is made which is expected by the first week in September. And then things on the surface will begin to assume shape. As The MARITIME MINING RECORD is published the second and yet all appears, stumps, stones, and half orderly confusion. Foundations for main and fan engines are being prepared, and repair, blacksmith's, carpenters, etc., shops are being erected. All the surface arrangements are under the direction of Mr. Lang, whose energies are restrained until railway connection is obtained. Then things will hum. Mr. Lang has the reputation of being a hustler, but he is better, he is thorough. He knows how to handle men and knows how to make them work steady and retain good humor, and he knows how to reckon costs, and this pleases the general management. In the course of a few months Dom. No. 12 will be something worth looking at.

- Rubs by Rambler.

Steel-Coal talk is not so loud as a few weeks back, but it is as insistent in a way as ever. still forms an interesting topic of conversation in the smokers, and it is there one learns,-let it be so supposed at any rate, -of the true inwardness of affairs. I learned in one of the cars the other night much that I was long in search of, something new on the case. One speaker told us that our popular friend the ubiquitous J-- had consigned all the banks and the bankers in Canada to pot; that in a few weeks they would pay them back thir money, and snap their fingers at them. Mr. Plummer, we were told, was on the other side making all the necessary financial arrangements, an as easy as snuff affair. He would come back sure with bulging pockets. The banks could not force the Steel Co. to take coal on other than its own terms, or those of the contract. One chap said the case would never come up before the privy council; that at the last moment, and after he saw that bluffing would not work, James Ross would take cold feet. 'Yes,' chipped in another, "Senator McKeen is so confident of the Steel Co'y winning that he now calls Mr. Ross 'Jimmie' and not James." "And', said another, "the Steel Coy, have arranged exactly what they will do. The council will give about ninety nine million dollars as damages for breach of contract, million dollars as damages for breach of contract, and as the Coal Co., will not have quite so much ready eash the Steel Co. will foreclose, and get the Coal Cos. property, the whole of it." "And what about the bonds" queried one, "they have the first lien," "Oh, the bonds, these have not the met hen, on, the bonds, these have how been overlooked. The property will be bid up by the Steel Coy, five millions, ten millions, fifteen millions, and if the Coal Coy, puts its nose in, then the Steel Coy. bids up to forty, sixty, ninety millions or the amount of the judgement if necessary." 'I suppose, asked a timid one, 'it all depends on whether the privy council adjudges that the contract was broken by the Coal Coy.' "Of course, of course, but the Steel Coy. have no anxiety on that account. So confident

are they that I heard a seven thousand shareholder declare that rather than allow the Steel honor declare that rather than allow the steel Coy, to be bluffed he would buy seven thousand more shares even had he to pitch them ultimately in the St. Lawrence." "That proves "said a free lance, "that there are more bluffers in Montree lance, "that there are more bluffers in Montree lance," treal than McKeens Jimmie". A judicious person here broke in "I scarcely think we will have the opportunity to attend the Coal Cos. funeral this fall. I do not think the case will go to the Privy Council, I do not think James Ross will pay damages. I do not think that Plummer can raise the money in time, I don't think under the circumstances the banks are unduly harsh I don't.'
Here some one shouted, 'don't.' and the speaker forbore. If after this you have not formed a conclusion as to the outcome of the fight it is not my fault.

I have missed Probus very much during the past three weeks. If he was not an instructive he was at least an amusing fellow. Indeed, he interested me. He must be off to Springhill hav ing failed to induce the workingmen of Pictou to consent to run a labor candidate. And Miner too has not been so frequent of late in the Herald Perhaps he is growing wiser. Every man in Nova Scotia has a right to express his opinions. But then the expression of these opinions carries a certain amount of responsibility. If I am an employee, in a semi-official position, of the Nova Scotia Steel and Coal Co., I am yet a free subject—to a certain extent—and with the right to give expression to my opinions-also to a certain exthe manly course for me to pursue is to quit their in a position, in their employ, which carries with ape the pedagogue. it a small degree even of trust, then I am a bit of a coward, and a bit of a traitor if, while working fair to their face and drawing from them a salary, I stab them surreptitiously in the back, by means of the press or in other not daylight ways. I am afraid we are, in Nova Scotia, lacking in esprit de corps. I rather like to hear a boy say 'my father can do'—this and that. It shows he is loyal. And I like to hear employees stick up for the firms or the individuals for whom they work. If they cannot be loyai-no call for being exuberant then they certainly should seek other means of a livlihood. The man who is not loyal cannot give honest work. He certainly should lift his graith and hie to some other locality where sedition and treason are not looked upon with disfavor.

'Aberdeen' bobs serenely up again. He is a pliable sort of chap, and can face about in double quick. His last letter is didactic in style. Instruction is not his forte, for in his early training the fundamentals were neglected. I like him best when he gives rein to his fancy, and yet in spots his present letter is funny. He says that Mr. Drummond criticised him abusively— How could be possibly do that seeing 'Aberdeen' declares he is an Aberdonian while the man supposed to be abused was thought to belong to the Herald office, Halifax. And how can one abuse a man who has no identity. One may rail at a 'Nom de plume' but that is about the same thing as scolding a shadow. 'Aberdeen' in his latest

declares that in his letters he never made allusion to mines, miners, or mining. Now that is passing strange. I confess that I read his letters in the Hrrald, without according them that attention which they no doubt deserved, but I could almost take my affidavit that reference was made to miners. The Dom. Coal Co. for instance, are miners and shippers of coal and they own coal mines. Did not 'Aberdeen' refer to the company in various and variegated terms? Did he not refer to shacks, and bogs and to the mining company having absorbed the land and been favored by the government in its grab all policy. Did'nt he weave a pitiful tale of the miners hardships etc. etc. at Aberdeen. If he did not refer to the miners, his effusions were mere gush and gab. Now that 'Aberdeen' has revealed, to a few, his identity by repeating part of a conversation, held not in public, there is not much relish in replying to his effusions. When the knowledge of who 'Aberdeen' is was distant, there may have been some little enchantment in a playful parry. With the knowledge comes disillusion. To my regret Aberdeen's extreme candor robs me possibly of a future pleasure. By the way and as a postscript when in his last 'Aberdeen' has got fairly under way, he almost had a return of the tornado fever. For instance he bursts forth as follows:

"Mutato nomine de te fabula navistur" Bravo Aberdeen, Without looking at the foreign phrases at the end of Webster et al, I A sheep may be made mutton, but mutton will never make a sheep. But my friend why rack tent only. If I want to denounce the Steel com- your brains over so small a matter? Why not pany and call them grabbers and robbers, then say 'the boot is on the other foot', and be done employ before I begin my denunciations. If I am and frees the quoter from any charge of trying to with it. The English way is the more euphonious,

> The socialists of the U.S., nominated for the Presidency, Martin R. Preston, a convicted murderer and below the constitutional age of eligibility. The nomination was not intended as a joke but in dead earnest. Martin Preston is now undergoing a sentence of twenty-five years' impris-onment at Goldfield, Nev., for killing a restaurant keeper there some three years ago. The man had incurred the displeasure of a labor-union by discharging some waiter girls, in defiance of union A boycott was pronounced upon his place, and Preston was stationed as a 'picket' to enforce the boycott. Trouble ensued, and that Preston shot and killed the restaurant keeper is undoubted; but the Socialist-Laborites hold that the act was in self-defence and justified.

As a U. S. paper remarks "to have killed a restaurant keeper is the very latest thing in Presidential qualifications". Mr. Preston, if elected could not qualify because he could not pardon himself being convicted under state laws. he could be pardoned he could not qualify. constitution would be in the way. But the constitution of the U.S. is no more to the socialists than is the constitution of the P. W. A. to Wm. Watkins. Like Watkins the socialists laugh at all constitutions. In fact the delegate who put Preston in nomination used almost Wm. Watkins words. What are constitutions for. The major-ity can make or mar constitutions. "We are for ity can make or mar constitutions.

an old farce as a constitution. The socialist or- ably ignorant of the early history of the P. W. A. gan says of the nomination: "It is a summons to every bona fide unionist to rush to the support of his fellow unionist who is thrown in jail by class justice for his firmness in the firing line.

Socialism is a thing that has always existed and which goes back historically to the Cave of Adullam. There are always with us the unfortunate, the miserable, the people is debt, and those who see little ahead for them under existing conditions—as for example the Probuses, and the Watkins and the Aberdeens. Their effort to improve their situation is not to be sneered at, but to be treated with pity and consideration. The Socialist-Labor platform is based on antipathy to capitalism of every sort, which it holds has captured in its own interests the school, the Church and the professions. But the Watkins's go further than that and include governments. For instance: "They—the P. W. A. men in Pictou Co.-have been rubbed over with a brick and after the operators took some of the skin off the Governments took up a fresh one and got down to the marrow bone." So the Springhill socialist blames governments as well as capitalists. They effluous energy of law makers, and a step in the want more than Karl Marx ever demanded. They direction of ideal government." think there is no property except in labor, and that an equal distribution according to the a-mount of labor (by which they seem to mean largely manual labor) of all the property in the flesh is heir to.

ure put on a new basis.

or fixed principles a fellow who would as lief wave

Pictou workmen in the following fashion:

"We can understand those districts that voted P. ization because they have not received any great lesson on its necessity. The miners of Pictou County have liberty to stand by the P. W. A. come what may, as is reported, but their attitude is a breach Now it seems there are those who have practiced deception did never intend to do that which they at first led US believe they would do.

Whs is 'us', Watkins or Pioneer Lodge. Besides being a comparative stranger, Wm. Watkins must be naturally, and particularly, slow in the uptake or he would have known that the Picton men came through the fire without the aid of foreigners. The first and only battle for the recognition of the P. W. A. the Union, was fought in Westville. The soldiers were brought in but the P. W. A. men stood pat, smiled and won. In Pictou too, was fought the battle which and won were for the benefit of the whole province gold mines, and our gypsum quarries.

the U. M. W." says Watkins "and to pot with such lamentably-and as he professes to be a teacher-culp-

Of all the peculiar, puerile, productions, in reference to the Labor problem, which have appeared in the Herald, since its conversion to independence, the letter of Wm. Watkins in last Saturdays issue of that paper easily ranks first. Mr. Watkins is sanspareil the Heralds prince of prattlers. Take the following, put forth as an argument why the P. W. A. should consent to be swallowed up by the foreign U. M. W.:

The toiler is abused and condemned because he desires to co-operate with his fellows over the line, but not a word is spoken of the foreign cap-

italist.

"These people come into Nova Scotia and scoop up fortunes out of the bones of home workers, carry them off to enjoy, and leave the producer any scraps that fall through their grappling fin-

"Why not advocate the development of Nova Scotia's resources by Nova Scotia's own settlers, for the benefit of themselves and the commonwealth of the province? Here is a field for sup-

direction of ideal government,'

The above clearly demonstrates that Wm. Watkins, in his references to capital shows as deplorable ignorance as in his references to labor. Why does not the Herald tell its correspondent country is the only solution of the many ills that that but for foreign capital Nova Scotia at this time would not have the honor and felecity of This is not new in theory, It is chimerical, of Mr. Watkins presence. The Herald might tell course, and it is destined to constant failure until him a lot of things, for instance: That Nova the world is absolutely changed and human nat- Scotia, fifty years ago, was a poor country, with precious little capital out of Halifax. That Halifax capital was invested chiefly in shipping, and A writer to the Halifax Herald, by the name of that Halifax capitalists who may have had a little Wm. Watkins, an importation four years ago from the not so invested, were afraid to put it in mines; other side, a wandering Willie without any fixed abode that after the Duke of Yorks lease was broken. native capital being timid, foreign capital stepped the Stars and Stripes as the British Ensign, flouts the in and started the Acadia mine at Westville, the mines at Glace Bay, Bridgeport, Block House and "We can understand those districts that voted P. Caledonia, and also the worked out Black Diam-W. A. They do not yet see the need of greater organ- ond at Westville. Further it might tell him that not a single large producing coal mine now in operation was exploited with Nova Scotia capital. Sydney Mines, Albion Mines and Reserve were exploited by British capitalists, Springhill by New Brunswickers, and the Drummond colliery by Quebecers. Still further might the Herald inform him that the Blockhouse and the Caledonia and the Black Diamond and the Glace Bay mines took no fortunes out of the bones of home workers, but that their promoters, chiefly Americans, lost very heavily by them. And yet further, that no coal mine, - with perhaps one exception in the late seventies and early eighties-in Nova Scotia has as yet returned to the shareholders anything like a fair return on their investments. Americans would gladly to-day dispose of their broke a system in vogue for forty years of pittance—at fifty per cent. of its face value, And what payments to surface men. And these battles fought applies to our coal mines applies equally to our. stock in Nova Scotia mines-not Dominion stock and not a section merely. And these battles were won capital chiefly was employed in their development. without the aid of foreigners and at a time when pub- But what analogy is there between the investlic opinion did not look with kindly eyes, as now, on ment of foreign capital in N. S. and the entrance unions. From his writings it is clear that Watkins is of the U. M. W. to take possession of our work-

men. None in the remotest. In order to prosper to them the whole loaf. Oh, well, but what of Nova Scotia must have outside capital. Without the size of the loaf. The U. M. W. may give the capital there can be no employment for labor, the whole of a one pound loaf, whereas the half while without the U. M. W. Nova Scotia work-loaf of the P. W. A. being from a four pound loaf men could get along bravely, as they have in the weighs two pounds or double the weight of the past, without being shown the way by foreigners. loaf of the foreigners. All our coal mines are now run by Canadians, and they would go out of the business if they had to confess to foreigners that they could not run them without American assistance. The Nova Scotia operators never asked foreigners for assistance, when they were hard pressed by the men, and it is a confession of weakness upon the part of the workmen that they seek to throw them- Every word of it may be true, but there is no penalty selves upon the tender mercies of an alien organ- for a shake of the head: ization, for fear they may not be able to meet some possible imaginery emergency

"The man of capital who comes to Canada and invests so as to produce additional wealth, is something more than a valuable member of the community and should be heartily welcomed Dollars, like people, need encouragement. will go where there is an inducement, but they are not likely to stay where there is indifference. They will live where they see light ahead for pro-But if the sentiment of a community is so come among them and do what nobody else has done before, that community is not likely to get rich, except in spite of itself. This business of development is a moral business, a social business, as well as financial bosiness; and if people could only forget their littleness and rise above the things that make them look despicable, there would not be so many half dead towns and cities crying out for more capital, capital, capital, Places which stand thus in their own light need character more than they do capital."

The Record endorses the sentiment expressed by the Port Hood Greetings in the following paragraph:

"The Board of Conciliation made no material concessions to the Port Hood colliery employees: The wages received by miners are very good. The great enemy of the working classes to day is not capital but intemperance. If total abstinence from alcohol were made a condition of membership in labor organizations, the latter would be of real service to the working classes. But while drunkards and topers are admitted to membership, labor organizations will not make much headway. It is up to labor organizations to expel from membership the habitual boozers, who work but half the time."

a flerce yearning to be made a martyr, even to burning at the stake, and all for the freedom of the workingmen. Rambler will be no party in touching the faggots with the torch. It is told us that 'Freedom shrieked when Kosiuscko fell'. Were 'Aberdeen' to fall there would be nothing left for freedom to do but to utter one continuous, unearthly, blood curdling yell.

THE OLD RESERVE PIT.

"The Dominion Coal Co. are now getting ready to pump out the old east pit at Reserve preparatory to sinking a shaft on the Lorway seam. Already there are two shafts sunk, one a haulage shaft to within forty feet of the coal and another, a pumping shaft, to within eighty feet. The location of these two shafts is about a mile south of Reserve. It is understood, however, that before the real work of working the Lorway seam begins another shaft will be sunk at the cropping at Reserve, so that the present plant may mean as to be jealous of a man's dollars which be used. This shaft will tap an enormous seam of coal. In area, it comprises more than three bundred million This does not include the submarine areas, which are practically inexhaustable. In the new seam the long wall system will likely be worked, as under this plan it is possible to take out all the coal without in any way affecting the surface of the ground.

This move on the part of the Coal company will ensure the life of Reserve for at least a hundred years more. To show the extent of the coal lands held by the company it must be remembered that the Lorway, which is the Mullins seam, is 51 feet wide, with coal of a particular good quality. Beneath the Mullins seam is the Tracy seam which is also about 5 feet thick. Upon a closer investigation being made of this latter coal, it was found that it is practically free from impurities of any kind whatever.

We were told to-day by a man well qualified to speak that the Mullins seam contained more coal than has so far been taken out of the Phalen and the other seams mentioned, also contained hundreds of millions of tons. Bearing these facts in mind, it can readily be seen that for hundreds of years yet to come in Cape Breton, coal will be king, and the prosperity which is enjoyed by its citizens instead of diminishing, will, on the contrary, continue to grow.

It may be interesting if we give the position of the 'Aberdeen'—present address Dom. No. 2—has coal is known as the Hub seam, then comes the harbor seam at a distance of about 400 feet below the harbor. now a distance of 400 feet, comes the Phalen seam, and 150 feet below the Phalen seam comes the Emery. The Lorway is about 350 feet below the Emery, and the Mullins is still 400 feet below the Lorway. Down 1,000 feet further is the Tracy seam.

There is very little additional cost in mining the coal even though the depth of the shaft be much great-The Nova Scotia miners are told by the U. M. er. Of course the Jeeper the shaft the more money it W. propogandists, alias P.W. A. renegades, that costs to sink, but after this initial outlay the cost of by remaining in the P. W. A. they can only hope the additional power necessary to raise coal is comparto secure a half loaf, while the U. M. W, holds out itively speaking a very small item."

AROUND THE COLLIERIES.

There are three steam shovels employed at the No. 2 banking station. These can load into cars at the rate of 300 tons per hour.

The fan shaft at Dom. No. 12 has its sides of heavy concrete from within a few feet of the surface to the bottom. The shaft, however, is not a deep one.

It is rumoured that the Harmsworths are negotiating for the purchase of the Cape Breton colliery, and the submarine areas adjoining, but we cannot vouch for its correctness.

All things considered the old International mine is putting up a wonderful quantity of coal daily. Bart Conners is proving himself a highly competent superintendent

Mr. Fergie expects to sever his connection with the Dom. Coal Co. about the time of the visit of the British engineers. He will take the British Columbia trip with the party, it is said.

There was an error in the figures—of shipments of Dominion Coal Co, last issue. The shipments for June 1908 instead of being 2272 tons less were 1171 tons more than in June 1907.

Dom No. 6 is to have one of the best and biggest fans in the Island. It is to be of Walker build and will have easily a capacity of 300,000 feet of air per minute, far more than will be needed for some years to come.

The Sydney Mines Conciliation Boord met last Monday. No unanimous decision is expected, though it is surmised that the chairman, in order to keep up his reputation as a conciliator, may have filed a decision granting some little concession to the men.

Preparations are being made for the installation of a powerful permanent winding engine at Dom. No. 6. The present engine was temporary, meant to do the work until it was proven beyond dispute that there was a large body of coal of good quality at the colliery

The days of the 'French' slope at Dom. No. 5, Reserve are numbered. Orders have been given to 'shut her down.' The men will be in part transferred to the Emery which is expected to show increasing outputs and keep up the reputation of the Reserve as a producer.

It is said that a Sydney steel "magnate" asserts he can buy, and has indeed been offered, slack coal at a dollar a ton at the pit mouth. It is quite possible, but he better not buy it until after the law suit is decided, else the outery against No. 6 coal for metallurgical purposes will be proven to have been all a made up affair.

You can never tell a man until you give him a chance to show himself. Maxwell now at Dom. No. 2, previous to his promotion, was considered a mild mannered man, one not likely to set the heather on fire, and yet he is now the white headed boy, producing more coal, all things considered, than did his predecessors.

The men have named E. B. Paul as their arbitrator. We have not heard what action the company or government propose to take.

The editor acknowledges receipt from Mr. C. Ochiltree McDonald of that excellently written book "The Last Seige of Louisburg."

Mr. G. H. Duggan, of the Dom. Coal Co. passed through on Friday en route to Sydney from Britain, looking fit to tackle any proposition, even the getting of three hundred millions of coal by way of the old Lorway shaft.

Governor Fraser was in a poetical vein when he told a Scotsman—Governor Fraser still uses the word "Scotchman"—that the East River was "bigger and better than the Clyde." Why did the Governor stop there; why not also say deeper.

As it is conjectured there will be a considerable amount of barking before the Eight hour day Commission, it has been decided not to begin sittings until afterthe August dog days. The Commission has a lot of work to do before the sittings begin.

Mr. William Wilson, superintendent at Hub has been induced to withhold his resignation until after the arrival of Mr. Duggan, or at least until Mr. Fergie's retirement. The Hub is in good form. Mr. Wilson has proven himself an efficient superintendent.

Owing to the very large outputs of the several colliers of the Dominion Coal Co., neither the bank at No. 2, or at International is growing less so rapidly as last year. The large quantity still left will however come in very handy when the pic-nic and holiday fever is at its highest.

"Will two shots with a centre shearing do better work than two shots and a centre plug shot," was the topic of interest among a number of the superintendents of the D.C. Co's collieries lately. Several tests were made, At Dom. No. I the tests were all in favor of the shearing; The Record has not heard the result at Dom. No. 2.

The Spring cleaning at the several collieries of the D. C. C. has been more thorough this year than on any previous occasion. Some of them, for instance the Reserve, have undergone a wonderful transformation. The junk man has had a busy time Big wooden fences now enclose the works. This seclusion is also noticeable at Dom. No. 2.

The first steel vessel to be built in N. S. was launched in New Glasgow Tuesday morning of last week. Very many enthusiastic admirers witnessed the proceedings. Mr. J. C: McGregor, of the firm of James Carmichael & Co., has been the moving spirit in the matter and his patriotic and progressive spirit is appreciated on all sides. The vessel is not a large one, but it may be the forerunner, who knows, of leviathans. Most of the material employed in the construction of the craft was made in the province.

The Sydney Post's Staff correspondent says of near to the pit mouth as is reasonably practicable. Drummond Lodge, Sydney Mines

"The lodge has decided to maintain its allegiance to the old P. W. A., and adhere to the old charter under all and any circumstances."

A large number of houses for workmen are already up at Dom. No. 12, and Rhodes Curry and Co., are busy at work building more. The houses are single and look a trifle small. In the writers opinion the style of topping the chimneys gives the buildings a squatty appearance. The finish of a chimney has often very much to do with the appearance of a house.

Mr. W. F. Davis, lately of the Inverness Ry. & Coal Coy's, staff has been appointed a Deputy Inspector of Mines for Inverness and Richmond Counties. No higher recommendation can be given than that he has been a persistent reader of the Record since he went to Inverness, and a consistent payer.

The federal government, at the solicitation of Mr. Logan, has granted a subsity of three thousand two hundred dollars per mile for twenty-six miles for a railway from Chignecto to a point on Northumberland Strait. A survey of this line was made some years ago by the Maritime Railway, Coal & Power Co., with the aim of securing a shipping port on the Northum-berland Strait for the output of its mines. The development of the Chignecto field of coal has passed the speculative point. Since the survey was made the company has established at Chignecto Mines a large power plant, the first of its kind in North America, It has acquired the areas formerly known as the Joggin It has sunk a new slope in this property and the improvements thereon at much cost. The made other improvements thereon at much cost. men at the head of the company have clearly shown that they are progressive. Hence, when through Mr. Logan, they renewed their application for a subsidy for the line, it was granted and there is now no doubt that this line will be built at an early date to secure for the company a shipping port on the Northumberland Strait. The Maritime Railway, Coal & Power Co. has shown both at Chignecto and the Joggins, its determinotion to make its coal areas one of the largest produciug fields in the province.

The Springhill miners have asked for a Board of Arbitration under the Mines Act. The Act provides that the amount to be docked for sending up other than the mineral contracted to be gotten, shall be determined by a Board of Arbitrators. It is claimed, we understand, by the management that such determination was made several years ago and confirmed after amendment by one of the late boards of conciliation. It may be a nice point to determine whether after an agreement has been entered into, a board can be called for to modify it, or enter into a wholly different agreement. The sections of the law bearing on the point read :-

"22. (1) When the amount of wages paid to any of the persons employed in a mine depends on the amount of mineral gotten by them, such persons shall, if the majority of them so desire, and unless the mine

(2) Nothing in this section shall preclude the owner, agent or manager of any mine from agreeing with the persons so employed and paid that deductions shall be made in respect to stones or material other than mineral contracted to be gotten which are sent out of the mine with the mineral contracted to be gotten, or in respect to any tubs, cars or hutches being improperly filled in those cases in which they are filled by the getter of the mineral, or by the loader, or by the person immediately employed by him, and no such deductions shall be made until such agreement is made in writing on be half of both parties.'

The hearts of the stock-holders in the Lake Copper Mr. Davis will, no doubt, fill the position admirably. Co. are in a flutter over the news that an 11 inch vein of native copper has been struck in the shaft The Record sincerely hopes that this find will not be like some of the native copper in the Lake Superior mines, which is so good that it is no good. By no means known to science can the native copper at Lake Superior be blasted. Tempered steel leaves no impression and dynamite leaves no mark.

VERY OPTIMISTIC

The following is part of a despatch in Saturdays Chronicle :-

'After an absence of seven weeks, the president of the Dominion Coal Co. has returned from London. Mr. Ross was asked if his opinions had changed as to his company's chances of winning the cause celebre now pending before the Judicial Committee of the Privy Council, and here is what the president said:

"We have submitted the case to the very best legal minds in England and now I have returned home absolutely certain of winning before the highest Court of the realm. Mr. Lafleur shares my views, and I may also say that he won two cases during the last term with Sir Robert Flulay, the Steel Company's lawyer as his opponent. In reply to your other question, touching the reorganization of the Steel company's finances, I have to tell you that I never met a single banker or financial man in London who did not intimate that it would be absolutely impossible for Mr.

Plummer to succeed in his present mission."

"Yes" added Mr. Ross, "I discovered why the president of the Dom. Iron & Steel Co. wanted the case postponed. Mr. Plummer felt that he was playing a losing game before the Privy Council and he knew well enough that should the Coal company win he would have no possible chance of floating his bond project in the English money market, hence the determination to secure a postponment till the October sitting of the Court, With the case now put over till the autumn he supposed there would be a better opportunity of reorganizing his company's finances, but I tell you that his mission will end in a complete failure.'

Before the Royal Commission on Mines the representative of the Yorkshire Miners' Association recomis exempted by the Commissioner, be paid according to mended that winding engineme and shot firers under-the weight of the mineral gotten by them, and such go an examination, and be granted certificates. Nova mineral shall be truly weighed accordingly at a place as Scotia is ahead of the old country in these respects.

ralite,



A roofing that consists of smooth materials, made to receive a heavy coating of paint, is not a roofing at all-the paint is the real roof.

If you are told that certain roofings don't need painting when first laid, don't be deceived into thinking that they are like Amatite, The first coat of paint has been applied at the factory-that's all, and it will wear off in a little while and require renewal.

No paint is good enough to make a durable roof; a thick layer of pitch, faced with a real mineral surface is far better-and that means Amatite.

FREE SAMPLE AND BOOKLFT

A Free Sample with Booklet will be sent on equest to our nearest office.

f you had a sample of Amatite in your hand you would see in an instant why it needs no painting or coating to keep it waterproof.

It has a rough surface of real mineral matter on the weather side. It is evident to anyone that it is no more necessary to paint such a surface than it is necessary to paint a stone wall. Stone needs no paint; neither does Amatite. It is strong enough in itself to bear the brunt of wind and sun without a protective coat of paint.

To paint Amatite would be a waste of time and

Amatite will last for many years without any care whatever. It is made to be trouble proof as well as weather proof.

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Synopsis of Canadian North-West.

Homestead Regulations.

A NY even numbered section of Dominion Lands in Manitobs or the Norse wost Provinces, accepting is and sit, not reserved, may the housesteadled by any person the sole head of a family, or make over it system or lang, to site and the sole of the Application for entry must be made in person by the applicant at a Dominion lands Agency or Sub-agency for the district in which the land is situate. Early by proxy may, how ever, to made at an Agency on certain condition which the sole of the seader.

by the father, mother, son, daughter, brother or issier of an Intending home.

An application for entry of cancellation made parsonally stany Sobagent's office may be wired to the Agent by the Sub-agent, at the expense of the applicant, and if the land applied for is vacant on receipt of the telegram, such application into have priority and the land will be held until the necessary of the sub-agent of the such as the sub-agent of the such as the sub-agent of th

entry.

Applicant for cancellation must state in what particulars the homestead is in default.

Applicant for cancellation must state in what particulars the homestead is in default.

A homesteader whose entry is not the subject of cancellation proceedings and homesteader where the control of the

(b) A nomesteader line-aimy to peatorm in resistent quites in accordance with the above while lively with parents or on farming land owned by himself must notify the Age-it for the district of such intention. Six months notice in writing must be given to the Commissioner of Dominion Lands at Ottawa. of Intention to apply for Patent.

Lands at Ottawa. of Intention to apply for Patent.

notice in writing application for payent the settler must give six months' notice in writing application for payent the settler must give at Ottawa. of his intention to do so, 20.

W. W. CORY.

SYNOPSIS OF CANADIAN NORTH-WEST_MINING REGULATIONS.

Coat. Coal lands may be purchased at \$10 per acre for soft coal%and \$20 for authincits. Not more that \$20 acres can be acquired by one individual or extend on the gross output.

Quantz. A free miner's certificate is granted upon payment in advance of 85 per animum for an individual, and from \$80 to \$80 per animum for a combant of the combant of the second of the combant of the c

2 150 feet.
The fas for recording a claim is \$6.
At least 100 must be expended on the claim each year or paid to the minfar recorder in lieu thereof. When \$500 has been expended or paid, the locator may, upon having a survey made, and upon complying with other requirement, purchase the hand at \$1 per ares.

The patent provides for the payment of a royalty of 21-2 per cent c. the

The patent provinces on the payment of the patent province of the second part of the patent part of the patent part of the patent paten

A free hunes may "sears, renewable at the discretion or use summer the date of the near of twenty years, renewable at the discretion or use summer the lease shall have a dredge in operation within one season from the date of the lease. Remail for per annum for each mile of river leased. Royality at the rate of 2 12 per cent collected on the output after it exceeds \$10,00. "W. W. CORT, "word," W. W. CORT, "but the first of the lease of 2 12 per cent collected on the output of the lease of 2 12 per cent collected on the output of the lease of 2 12 per cent collected on the output of the lease of 2 12 per cent collected on the output of the lease of 2 12 per cent collected on the output of 2 per cent collected on the 2 per cent collected on

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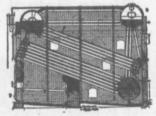
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Read Down	STATIONS.				
No. 52 No. a, m p		-	No 58		
L 11 15 L 2 S 11 21 S 14 2 L 4 S 4 S 4 F 5 S 8 S 8 S 8 S 8 S 8 S 8 S 8 S 8 S 8 S	P. TUPPER JUNCTION PORT HAWKESBURY PORT HASTINGS TROY CREIGNISH JUDIQUE CHAIMORZ CATHERISES FOND FORT HOOD GLENCOG MABOU GLENDYRE BLANK RIVER SPEATHLORNE INVERNESS	A 11 0 5 10 5 L 10 3 A 10 3 F 10 2 8 10 0 0 F 9 5 5 3 2 5 5 8 4 4 5 8 7 3 3 G 7 11	8 3 27 L 3 10		

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NITROGEN		11 11	1 2	7 "	6.6	
SULPHUR	 . 0 56	11 11	30	7 "	4.6	
ASH	 . 2 30	11 11	4 1	0 "	44	
WATER	 . 3 35	11 11	2 1	1 "	66	
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