I seams in Pretoughterorened since 1915, +4old seams. (Force, Cage Pot 3 to Me Grago)

E. R. Faribault, Geological Survey

May 12, 1920

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MARIFIME MIJIING RECORD

Vol. 22

Stellarton, N. S., May 12th., 1920

No. 21

"LEARNING THEM TO BE TOADS"

The miners are making a demand for a large increase in wages. They might do so on either of two grounds. They might say: "Since we must work for private profit we will obtain such an increase in wages as will reduce the profits to nothing, or next to it." Or they might say: "We know that the increases which we demand will not come out of profits, but will be passed on to the consumer, raising still higher the cost of living. We regret it, but since we cannot tolerably exist on present wages the demand is inevitable, and we rely on the public's recognition of its justice." But they are taking a strangely different line, if the "Daily Herald' rightly represents them. "The country it says, "must get ready to pay for the delinquen- be said to be burning money-when we can get the cies of the Government it appointed.'

consumer some idea of what he is likely to have to for singing the praises of their own specific. The pay for his polities. He chose his representatives in open fire, though, is deep-rooted in the English-Parliament; he chose his Government. This is a man's sentiment, and he will be reluctant to exsmall part of the price. He will pay in the price of change it for inhospitable pipes and steam. He will other commodities. His food will cost more, so will welcome, therefore, a valuable little pamphlet from his clothes, his light, and, indeed, almost everything the Air Pollution Advisory Board of the Manchest-

he consumes.

And, well, the rest of the community should have backed them (the miners) up. It will have to pay more, and deserves to pay more, because it refused the only course which would have enabled it to pay firegrates in outside walls, and the result is that

really to be punished for their political sins? The urchins warming themselves in winter against a miners will jolly well 'larn them to be toads.' Has house which has its fireplace erected on the wrong the "Daily Herald" perhaps a confused idea that side of a room? The Air Pollution Board has also "the community" and such abstract phrases con- gone into the matter of draughts. Every knows that note nothing but capitalists and coalitions, or does an excessive draught is wasteful. It sends heat up it really mean that the miners are out to punish the chimney which we need in the room; while the rest of Labour also, who constitute by far the the stronger the air current passing through the greater part of the community, for their contumacy; room the more coal is required to keep it warm. A In East Lancashire, for instance, the community good draught is necessary, of course, to light a fire means mostly the textile and the engineering work- quickly, but that is no reason why the deaught ers, the sort of "proletarians" of whom about four should not be cut down to a minimum as soon as its millions the other day voted against the miners' good work is done. Obviously, then real economy policy of direct action. If the miners tell them that would be served by having all our firegrates fitted they will now be made to "pay for their politics," with an adjustable register for controlling draughts. there will surely be some opening of eyes. For this The more thorough-going smoke abaters will doubtout-Lenins LENIN. The proletariat punishing the less tell us these suggestions are mere palliatives; hourgeoisie for its politics is an old and intelligible they are out for the wholesale banishment of soft conception, but one section of the proletariat punish- coal from our seuttles. There are certainly possible ing the mass is a new idea, ingenious certainly, but lities in semi-coked fuels which have never been surely both unjust and unwise. For if the workers thoroughly explored in this country, though it has in general get the idea well into their heads (with been proved that the radiant efficiency of low-tem-Mr. Lloyd George's ready assistance) that the perature carbonisation cokes is considerably high-miners are making them "pay for their politics." or than that of coal.

that they "will have to pay more and deserve to pay more," there will surely be some "larning" done by others than the miners. Nor will the prospects of nationalisation be improved.—Manchester Guardian.

OPEN COAL FIRES.

Coal as a household fuel is passing through a season of trial. At its present price we might well stuff to burn at all. Naturally the advocates of That (an extra 7s. 6d. a ton on his coal) gives the centralised heating are finding the time opportune er City Council, which contains some excellent tips towards economy in the use of coal. The fact is we have never quite given the coal fire a chance to get into economical habits. We build too many of our a large amount of heat is wasted by conduction So the public, the community, the consumers are through to the open air. Who has not noticed street

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STELLARTON, N. S.

May 12, 1920 selves.

UNIFICATION OF LABOR LAWS

aised that provisions in the Actsof several of the all provinces."

provinces were made necessary by local conditions. We are a long way ahead of this in Nova Scotia N S. Act which would be beneficial if adopted in behind the times. other provinces. The following are some of the recommendations of the committee:

1-That the age of 14 be the minimum age for many years. boys working around mines, (above ground) and face unless he has attained the age of 16.

ing persons in a mine."

is overground, if he has attained the age of 14, is given individually or by collective agreement. he not allowed to work underground until he is not greater in the mine than on the surface. But they will forego this privilege in favor of any comthat is not the principal objection to clause No. 1. pensation board. The colliery doctor selected by a There is no educational test. He may go to work at worker to visit him or his family in case of sick-14 whether he can write or count. The N. S. Act ness, is, as a rule, the one to attend the worker in

that may be termed power machines that need for to certain interested parties who would not pertheir working neither skill nor much strength. Can mit mining companies to deduct for supplies, even a machine that is neither drivne by manual or ani- with the written request of the worker. This should mal labor be called a "power" machine? If so give the quietus to the periodical outery for the

they were of 18, 21 or 24 years. Section three recommends that an eight hour day clause be put in all the Mining Acts of the Provinces. If the Ra C. Committee could guarantee that it would stay there, and stop at eight hours it would be joyously adopted. Evidently the gentleman on the Committee called Gillis wanted to throw contumely on the Advertising Rates, which are moderate, may be had on suggestion of the C. B. "big three" that six hours would be a "perfect day." Evidently the committee overlooked the fact that in Nova Scotia at least, the U.M.W. need no statutory eight or nine hour day, from the fact that in the matter of hours to be worked in each day they are a law unto them-

4-That payment of wages at least semi-monthly be made compulsory by law in all provinces where such legislation is not already in existence, such payment to be made by cheque or currency. Payment of wages on hotel premises and the cashing The Royal Commission's Committee on mining of pay cheques in or at a hotel or bar where intoxilaws has issued a report. The Committee recog- cating liquors are sold to be prohibited by law in

therefore they directed their attention to provi- Payment of wages fortnightly has been supersesions of a general character applicable to all the seded by weekly payments. One might think that provinces. So far as Nova Scotia is concerned it the last sentence in the clause was wholly unnecescannot be said that the committee has suggested sary in a country professedly given over to prohiany real practical reform which is not already im- bition. If the prohibition mnetioned in the senbedded in our Coal Mines Regulation Act. Indeed tence is necessary, and is applicable to any prothe committee fails to recommend provisions in the vince in Canada, then that province is thirty years

> Clause 5 refers to a lien for wages and does not apply to Nova Scotia, which has had such a lien for

6-That legislation be enacted in all provinces, that no boy be allowed to work beneath the sur-where legislation is not already in existence, providing that no amount may be retained from wages 2-That no boy under 18 years of age shall be in of an employee except sums due for powder, coalcharge of or operating any power machinery used oil, rent and such doctor's and hospital fees as may for moving material in a mine, and no person other be approved by the workmen's compensation boards than a man of 21 years of age or over shall oper- and supplies necessary to the execution of the work ate any power machinery used for raising or lower- carried on by such employees, nor shall an employer apply the wages of an employee to payment of a Why, if a boy may work "around a mine," that debt without the written consent of the employee

This clause has good and bad points. The words sixteen? As a rule, unless we are greatly in error, Nova Scotia mine workers might object to are: and unless boys have changed greatly within the "and such doctors fees and hospital dues as may past twenty years, a majority of boys born in a be approved by the Workmen's Compensation colliery district would much prefer to go to work boards." The mine workers had a stiff fight in in a mine where they would not be subject to the Nova Scotia before they wrested from the comheat of summer, nor the cold blasts of winter. The panies the selection of the doctors for whose serrisk of causing injury to himself, or to others is vices they had to pay, and it is not the least likely applies an educational test and if the boy cannot case of accident, and the fees charged by him must pass that, then there is no work for him in or be paid by some one, either compensation board or employer or the worker himself. The clause we Exception may be taken to Clause 2. What is admit, may have other interpretation. The conpower" machinery. There are machines in mines cluding part of the clause may not be acceptable Clause 2 will dispossess out of their jobs a number abolition of coal companies' stores, for the demand of workers who are as good at their work as if that the companies should not deduct for supplies

tamount to that.

7-That where in any prevince examinations are required, certificates of competency for mine managers, pit-bosses and for other working officials, such examinations shall be conducted by a beard composed of a government inspector, working miner and a mine manager.

This section is certainly defective. The implication is that only in some provinces certificates of competency for mining officials are necessary, and ther down other seams would have been discovered, contains no recommendation that all officials, from and eventually the berehole, still extended further manager down, must have certificates. An exam-down, would have entered the ining board of three only is open to grave objec- coal

tion.

certificates as mine managers, pit bosses, etc., shall have at least five years mining experience, produce amplitude known as the "McCULLOUGH BROOK

be at least 23 years of age.

no graduation. An overman must have five years ception of the so much talked of "MacCulle igh experience, or must have served in the mine as Brook Fault" and to assume that the Westville leng as an underground manager, and a U.G.M. seams are the regular continuation of the series of must do as long penance as a Manager. As res- Stellarton seams, thus adding an enormous tonpects both No. 7 and No. 8 clauses the law in Nova page of coal to that already known to exist in the Scotia is far in advance of the recommendations of Stellarton district. the proposed Board. The foregoing are only a few of the criticisms that might be advanced.

THE PICTOU COAL FIELD.

orate paper on 'Fighting Mine Fires in Pictou from turbed sections of the northern portion of this field, practical experience gained in Pictou County," pre- the seams are completely reversed, the foot wall pared by Mr. F. E. Notebaert, and read before the resting on top and the hanging wall lying under last meeting of the Nova Scotia Mining Society, reath. The whole paper is most interesting and should be of great value to mine managers and mining stu- the fact that the space left open by the working out dents. We confine our extracts to the first pages of the coal is not flushed nor filled, implies almost of the paper, as these demonstrate that there are necessarily a method of working by "Bord and Bl more seams in Pictou County than were dreamed of ten years ago, and hint that further exploitation the main slope, leaving only a crush behind the would reveal many seams more. It is possible that working faces. in a future issue reference may be made to the modes adopted in subduing several outbreaks of the unavoidable abardonment of a more or less imfires in the mines in recent years:-

is composed of very thick seams, amongst these we crushed, and provided that the oxygen of the air is

The Cage Pit Seam-18 feet thick.

The Third Seam-14 to 17 feet thick.

The McGregor-The thickness of which at certain scams of the Stellarton district, or more correctly, places reaches over 22 feet.

These four are those known as the old seams of not taken. These precautions are of three different the Stellarton district, some of which have been natures, namely:

worked for over a century.

ing the four first mentioned, were added-when in original cause of the fire. the winter of 1915 a borehole drilled by the Acadia Coal Company, revealed their existence.

As in the upper seams, the heavy thickness of

even on the written request of the workers, is tan- these new seams have prevailed and we have to

One 21 foot seem.

One 281/2 foot seam.

One 20 foot, 4 in. seam.

One 24 foot, 2 in. seam. One 23 foot 0 in, seam.

These seams were found intermingled with small-

er ones, such as: 2'-6'', 5'-0'', 6'-2'' 4'-11''.
Undoubtedly had the borehole been extended fur-Westville measures. These very often have considered as being the same seams been 8-We would recommend that all candidates for as those of the Stellarton district, but thrown in a south westerly direction by a fault of great evidence of ability, sobriety and good conduct and FAULT" the existence of which has never been proved. Without certainty, although without much This section, also, is open to objection. There is doubt, we are fairly safe to abandon the old con-

> Having so outlined, what may be properly now called the main coal field of Pictou County, we will enumerate the main features of this field.

The angle of dip may be called steep in comparison with a majority of the Cape Breton fields. At the southern end of the field, the seams outcrop with an angle of 21° to 23° dipping northerly until they reach a basin line, where they rise up in a northerly direction at various inclinations, varying The following are prefatory remarks of an elab- from the true level up to 90° indeed in certail dis-

> The angle of the dip, the thickness of the seams lars," retreating from the limit of the field towards

The immediate consequence of such a sys tem is portant tonnage of coal in the gob. This coal being A large portion of the Pictou County Coal Field subjected to the heavy pressure of the roof, is will mention seams that have been known for years: allowed to get in contact long enough with this / The Foord Seam—40 feet thick. "loose coal" great heat is bound to be generated. which ultimately will provoke a "gob fire.

These gob fires are naturally frequent in the would be quite frequent if special precautions were

1. Reduce the quantity of combustible matter To these a series of thirteen new seams underly- left crushed in the gob, the presence of which is the

2. Reduce the prolonged contact of air (oxygen) and crushed coal in the gob.

3. Emergency measures, consisting of heavy

stoppings which allow us to isolate and to seal off these options were for ten years ,but most were

to prevent gob fires or to fight them.

draulic filling," but at this stage of the coal indus. had their options continued to be good. try in Nova Scotia, it is very questionable if in long time has yet come when "hydraulic gob flushing" can be introduced in our mines with financial prohydrendie hashing dust explosions who he a

MALAGASH AND THE CAMERON ACT

Ten days ago a delegation of five, representing, it Malagash district, Cumberland County, had an opportunity of speaking their mind to the Committee of Mines and Minerals, in the House of Assembly low the tactics of some delegations and sternly de. ers had found that their rights had been taken away. mand that the land be handed back to them; they presented their case so clearly and calmly that the Commissioner of Mines complimented them on the means of compensation might be arranged, which graceful manner they had given expression to their would not interfere with the development of the opinions. There were two classes of owners repre-industry. sented by the delegation. The Herald reporter gives his paper particulars of the claims of the with one shaft could not begin to work the depowo parties as follows:

Agreements were reached with some fifty of them, where by the payment of some \$20, they gave opto sell two or more acres at some \$200 an acre,

any section or part of section whenever this sec- for five. Then upon the passage of the Cameron Act, it was found that the title to the minerals had These emergency measures are naturally very been vested in the Crown, and the two option buyexpensive, but our experience has proven to us that ers had secured leases from the Crown which covthey may be after all, the cheapest and safest method cred the whole territory. So their options have been rendered worthless, it was emphasized. These The amount of combustible matter left in the gob, men are by no means grasping; what they desire when attempting to work out such thick seams, can to see above all else is the development of the ealy be reduced to an unimportant quantity by the areas, and some compensation made to them pro-adoption of the "flushing system" elso called "by-portionate to that which they would have received

The second class consists of those who did not slopes with an abnormally high cost of labor, as give options, and who had got together for the compared with the selling price of the coal, the purpose of working part of the areas independenty from Messrs, MacKay and Chambers, They want above all to see the development of the whole areas, fit. Although as we have just stated in the case of but they feel that this will not be possible under our Pictou County mines, the "flushing system" is the present condition of affairs, because Chambers and will be the only system by which all the coal and McKay have secured control of the whole pebeing recovered, the gob fives will be completely pinsula by means of a blanket lease, and though suppressed. Let me also mention incidentally that their own power to work them is limited, they have their own power to work them is limited, they have the ability to shut all others out by refusing to longe

all the property be returned to the original owners, so that capitalists can deal with them indivi-

As the Malagash salt field may play a heavy part in the mineral development of the province it is well to give a sketch of its history as related by Mr. Alan McKenzie. Mr. McKenzie, as reported,

In 1915 a farmer of the locality, named Murray, in boring a well for his stock, found that the water was very salty. He had sent samples to Ottawa, which, on analysis, were found to be 28 per cent chamber. The delegation was composed of men who ralt, the strongest possible solution. He had come could speak to the point. Their principal claim was to the speaker to see if it could not be developed, that the Cameron Act despoiled them of their but meanwhile certain gentlemen had got wind of rights as laud helders who, by their grants, were the find at Citawa, and had preceded to seeme openitied to the minerals below as well as above tions, some fifty in number, over the neighboring ground. They disclaimed any idea of being greedy farms. The prices had been satisfactory at the or grasping, or as one of the speakers termed is time. Early in the history of the discovery of the "hoggish." First and before all they wanted to salt, the farners had gone to the trouble of getsee development of the sait industry, and also the ting information as to the validity of their rights recovery of that mineral at present of high value, in the minerals. They had received a reply from potesh. At the same time they held that if the gov. the office of the Commissioner of Mines that these erament determined to claim ownership of all rights were vested in the owners of the land. So minerals, the land owners, in all justice, should be they had thought themselves all right. Then as dein some measure remunerated. The delegation is velopment continued, the company seemed no longhighly to be commended in that they did not fol- or to care about exercising its option, and the farm-

He was there to see that if those minerals must unavoidably be vested in the Crown, some fair

The prospects were so large that one company sits. From drilling north and south it had been es-"There are those who, subsequent to the discovery timated that the seam was at least 800 feet wide, it of the salt, were approached by Messrs. MacKay probably extended for miles, from the Strait, clear and Chambers with a view to securing options, across the Cobequids, and the depth had not yet been ascertained.

Another of the delegation, Kenneth McKenzie, tions covering the whole of their lands, and agreed said that if he had a clear title to the minerals on his property he would be able to dispose of it for thereby giving up all their rights therein. Some of half a million dollars. The present shaft was down about 170 feet, and a drift is being run along a Seven or at any time between the Thirtieth day of twenty foot seam of pure white salt, from which June in the year of Our Lord One Thousand Eight ten men are producing seventeen tons of salt a day. Hundred and Sixty-Seven and the Twenty-Second Then, as to the presence of potash, not long ago day of April in the year of Our Lord One Thousand samples taken from a car load being sent to an ice Nine Hundred and Ten shall whether the same is so eream manufacturing company, were analyzed by expressed therein or not, and notwithstanding the Professor MacKiel of Mount Allison University, and provisions of such grant or of any enactment or law found to contain from 47 to 64 per cent. of potash. be construed and held to have reserved to the Crown From this it is evident that there are tremendous all the minerals in the land so granted excepting possibilities of development of these areas. The only limestone plaster and building materials; question to be solved by the committee is whether (2) Where it is shown to the satisfaction of the they shall endorse the amendment, thereby vesting Commissioner of Public Works and Mines that but the title to these minerals in the Crown, or return have had to or in respect of any mineral in land so them to the original grantees, who at present are granted is affected by this section and that such shut out from participation entirely, with the experson has prior to the Seventeenth day of May, ception of a small royalty, for instead of the ori. A. D., 1919 developed any mineral in such land or ginal owners being given the preference in the se- expended money for or in connection with such curing of leases of the mineral rights, they were mineral and the said Commissioner deems such denot informed by the government of the legislation velopment or expenditure to be substantial then the that was being passed, and Messrs. MacKay and said Commissioner may grant such person a license Chambers got in first and covered the whole areas, to search for or a lease of such mineral on applica-Not only that, but leases have been taken out all tion therefor under the provisions of the Mines along the line of where geologists say the seam Act notwithstanding any prior application by any probably runs, from the Northumber and Strait other person under the Mines Act for a license to through Springhill, and even in Lants County search for or a lease of such mineral. across the Basin."

Mr. McKenzie must have been misunderstood by by the Governor-in-Council. the reporter, or did not express himself clearly when he asserted he could have secured \$500,000 for an option on his property had he had a clear title. He would be one big fool who would give that amount for an option on all the minerals in the Malagash peninsula-so called-for the reason that no one can as yet tell whether they are worth as much or not. Possibly some one wanted to of 'ain from Mr. McKenzie an option on his property, five the pulpit and the press, over the folly and the hundred thousand to be paid if the option was ta- wickedness of being in large measure responsible for ken up. Had Mr. McKenzie said he had received the silly May day strike, in token of the N. S. miners \$10,000 for an option of his property at a price of sympathy with the Winnipeg law breakers, Mr. \$500,000 the Record might not demur from the McLachlan—so spelled now—has written to the statement. Many options carrying a deposit as for- papers oisclaiming all responsibility in the matfeit are allowed to expire, that is if, after exploita- tir, and stating that he is not concerned over the tion it is found that the property is not worth the abuse heaped upon him, as the instigator of the option figures.

so that there may be no quibbling as to what it disclaimer he must be held largely responsible for really means the following amendments are embo- the fiasco, for the reason that he kept the case of died in a bill introduced in the legislature by the the Winnipeg outlaws, at short intervals, before Hon. Commissioner of Mines. There is an effort the N. S. members of the U.M.W., a majority of in Section 3, sub-section 1 to moll fy the land own- whom would never have thought of a sympathetic ers. It is to be hoped that this amendment is not strike had he not given the cue. The question is: garnished with legal camouflage, but just how there "Is Mr. McLachlan a U.M.W. leader or is he not!" can be an equitable disposition of the spoils beats If he is not, why does he appear-of his own volus. All things however, so we are told, are tion-in the public press, as if he were the head possible:

any time before the first day of July in the year of ceive the merited censure of the press, the pulpit

3. (1)) For the purpose of providing com-Mr. McKenzie also expressed the opinion that pensation for the Minerals which but for this Act the legislation of last year had been at the in-would not belong to the Crown, there shall from stance of the two who stood to gain most, though time to time be set apart, and appropriated by the Messrs. McKay and Chambers had denied all Governor in Council one quarter of the Royalty or knowledge of it until a week after it had been the like that may accrue and be paid to the Crown passed. Mr. McKenzie is wholly in errer here. The for, or in respect of each such Mineral and the amendment was not suggested by any one interest- Governor in Council shall from time to time appored in salt. The one who probably suggested the tion and pay the same among and to such persons amendment had a mineral other than sait in mind. recording to their respective interests as determined

THE MINERS' MAY DAY STRIKE.

Being touched on a tender spot, by criticisms in great folly. If he is not concerned why then does he In order to make the Cameron Act clearer and squeal like a child? Notwithstanding McLachlan's and front of the whole show? If he is a leader why Every grant of Crown land made at doesn't he lead so that his followers will not re-Our Lord One Thousand Eight Hundred and Sixty- and the general public? The disclaimer of the

Secretary-Treasurer cannot be accepted for he lost They belong to that class of parasites who go up

court order and not all the 'protest strikes' from sentence of the Court at Winnipeg. Cape Breton to Vancouver Island should influence In such a state of facts surely it is the duty of

The Sydney Post says :--

The case could hardly be put more clearly and succinctly than Dr. Thompson expresses it in his letter to the Glace Bay Gazette:-

burning and shedding of blood. It is made as a

the "sympathy" expressed by the cessation of anyone with radical ideas." work by the miners on Saturday was not for fellow miners, or fellow wage earners. The seditions con- of Sydney Harbor as on the South and in the Glace spirators who were sentenced in Winnipeg a few Bay district. Quoting again from the Post: weeks ago, on being found guilty by their fellow "At immaculate Conception Church, Sydney Mines,

no occasion to speak sympathetically of the Win- and down the country haranguing honest workers nipeg anti-trade unionists. The May day strike and keeping them in a state of turmoil, and whose was a strange way of showing practical sympathy, sole inspiration is the love of notoriety and the toll The day might have been better devoted to work, they levy on the hard carned wages of their dupes, and the amount in wages donated to some practical Two of them are unfrocked ministers of the Gospel, purpose, such as the erection of monuments to the who were expelled from the sacred calling which men lost in the late disasters. The following are ex- they were making "a by-word and a shaking of the men lost in the late disasters. The following are ex-pressions of opinion from different sources. The head' among the people. One of them is an alien Sydney Record says, under the heading "Bad of enemy origin. All are nondescripts so far as useful occupations go—professional agitators who
"The action of the miners of District No. 26 of live by their wits. All have been adjudged guilty the United Mine Workers in deciding to quit work of crime by the unanimous verdict of a sworn jury today as a protest again the detention in jail of of their fellow citizens, empanneled in the comconvicted Winnipeg lawbreakers is a piece of in munity where their crimes were committed. Nothing defensible folly, and folly, indeed, is too mild a could be more ludicrous than the conception that word. In principle this action is the same as the law-abiding, industrious, British workingmen, enactual exercise of force to compel the prisoners' gaged in useful production three thousand miles release, and that is an utterly bad principle. That away from the scene of this trial, have a community principle has to be resisted in this country or the of interest with such worthless agitators so inticountry must be prepared to abandon the rule of mate as to warrant the sacrifice of a day's pay, as a law and in its place accept the rule of the mob. The protest against the procedure of a British court, Winnipeg men were arrested under due process of and the enforcement of British law, in the City of law, defended by capable counsel, tried by a jury Winnipeg. Nothing is clearer than that the honest the same as other prisoners. They were found guilty miners of Nova Scotia and New Brunswick have and sentenced. They are appealing to another in this matter fallen victims to agitators as irrescourt. If, pending the decision of that appeal, they ponsible and conscienceless as those who are now are to be allowed freedom on bail it must be by paying the penalty of their misdemeanors under

the courts in the least in coming to a judgment as real leaders to make themselves heard. It is high to whether or not bail should be granted. The time that the voice of the spiritual advisers of the miners of District 26 do neither themselves nor their people should be raised against that of the profesdistrict any credit, but rather discredit, by their sional agitators. As Kev. Dr. Thompson has done, inexcusable attempt to exert pressure upon the so it is to be hoped the pasters of all the churches in the mining districts of the Province will have the courage and patriotism to do."

The following is from the Glace Bay Gazette:

"Commenting on the May day strike Rev. Dr. "This public demonstration is about to be made Thompson, rector of St. Ann's parish, delivered a in honor of a gang of blackguards who, some time very strong sermon referring to the Winnipeg ago, in the city of Winnipeg, resorted to looting, strikers in scathing terms. Referring to the May Day strike here, Dr. Thompson said it was as if protest against the action of the officers of the law some one had erected a May pole for their amusewho did their duty in arresting the criminals, and ment and had a monkey climb to the top and unfurl also as a protest against the conduct of the judges a red flag. He denounced the I.W.W. leaders in who likewise did their duty in passing sentence on Canada and flayed the men who called themselves labor leaders and who were daily spreading Bol-"Is is right to take part in this particular strike? shevistic teachings among the workers. Referring to the Winnipeg strike leaders, in whose sympathy Is it wrong to approve of it directly or indirect. the strike was called, Dr. Thompson said that the judges in that city had been too lenient with the Saturday's conspiracy of idleness was what is strike leaders and the public were up in arms beknown as a "sympathetic strike." A sympathetic cause a jail sentence had been imposed. Of the strike means that the strikers themselves have no local men who went out on strike in sympathy with grievance against their employers. It is a symptom these radicals, Dr. Thompson said he did not believe of One Big Unionism, against which the miners of that one out of evey twenty knew what he was District No. 26 went on record at their Truro Con-doing. Dr. Thompson concluded his sermon by advention a short while ago. In this particular case vising the men to be careful and not to be led by

As stronge censure was uttered on the North side

countrymen after a trial in which the defence was at the last mass on Sunday, Father MacDonald regiven extraordinary scope, are not workers at all. ferred to the walkout of the preceding day. The Few of them know what an honest day's work is, preceding Sunday, Father MacDonald had spoken

cut that so long as the principle of private owner- for smelting, to induce the steel companies to ship is recognized and respected, the church not utilize them. only approves and supports all movement looking to the improvement of the workingman's lot but the whole or any part of the royalty paid on coal also looks to the ideal of profit sharing by workers, used within the Province of Nova Scotia in the and, wherever practicable, of control of industries making of iron or steel to any company now carry-

and labor problem.

bail because they were strikers, but because they were charged with committing criminal acts in connection with the strike. These men, he said, were Scotia. tried by a Canadian jury, before a Canadian judge, under Canadian law and though the court might Council fix the period during which in the case of have erred, yet it was necessary that law and order each company such rebate shall continue and may should be upheld and the authority of our courts also provide such regulations as may be necessary sustained. It was impossible to judge of the guilt for ascertaining the amount of coal consumed by or innocence of these men, except on the evidence address I in court, and if it were possible for any class of men to take the government of the country the proper carrying out of the provisions of this by the throat and disrupt the orderly administra- Act. tion of law, there would speedily be an end to law

Most of the men who remained at home on May day, he held, either did not fully understand the situation or were afraid to oppose their leaders. He urged on all Christian workmen to take a more active interest in the doings of the labor unions and strenuously to oppose any moves so radical and desfructive of good order as that of the first day of May. It was acknowledged by the highest authorities in the church that the greed of capitalists had but the man who was afraid or ashamed to follow his convictions and oppose any leaders of labor was people to-day upon the solution of which the future no better than a slave, to that leader. Such act; as prosperity of the country depends. They are: those of Saturday however would do no good to the imprisoned strikers, and only injure those who took part in it, and would help to hasten the day when the great middle class of the country would for our debt and national expenditures.

unite to make repetition of them impossible."

Lock Romand Grow TO ENCOURAGE IRON MINING

Commissioner of Works and Mines entitled "An Act public service. By a vicious interpretation of our to encourage the making of iron and steel from tax laws by the Assessors, the vacant lot is assessed native ores within the province of Nova Scotia." at much less than the value demanded by the own-The assistance that the Commissioner proposes to er from a would be user, thus making it easy to give shows him to have a leaning to the Farmer's keep it vacant until the owner can get his price. Fiscal policy. The proposed assistance wont beggar This increases the amount of capital necessary to the provincial exchequer, nor will it enrich any build houses and restricts the supply. In addition venturesome iron maker. Produce a native ore that to this it is the custom of assessors, regardless of law shows two per cent more of iron than the Wabana to assess land built on, at a higher rate than simiores, and the refund of the royalty will be wholly lar vacant land and this, with the high assessment unnecessary. If the Loch Lomond ore will run on improvements is one of the chief factors in caus-fifty per cent even of iron the steel companies will ing the present shortage of houses. gladly utilize it for it is believed that they are desirous to obtain a good ore, in addition to that of solve the problem of the High Cost of Living. Every-Wabana. If Nova Scotia ores cannot be found to one is being called upon to "Produce, Produce, run as high in iron as those of Wabana, it will need Produce" and yet every producer is hadicapped by

on the church's attitude towards labor, pointing more than a refund of royalty, or the coal necessary

1. The Governor-in-Council may by order refund by workers as the ultimate solution of the eapital ing on the business of making iron and steel or to any company that may be organized hereafter and The May Day walkout, however he denounced as which has or shall have erected within the Province uncalled for and unjustifiable. He pointed out that plant, buildings, machinery and appliances capable the Winnipeg men were not imprisoned or refused of a daily output of not less than two hundred tons, where such iron or steel is made from ore fifty per cent of which is mined in the Province of Nova

> 2. The Governor-in-Council may by order in each company referred to in this Act, and the re-

THE THREE PROBLEMS.

The following has been received from a tax referm Association in Toronto, It furnishes proof that Henry George, though dead yet speaketh, and in the Record's opinion the speech will become louder as

There are three problems before the Canadian

2-The High Cost of Living.

3-The raising of revenue sufficient to provide

All these questions are intimately related to our

system of taxation.

In order clearly to establish this relationship let us consider some effects of our present system .-1st. Our Municipalities are forced by our sytem of assessment and taxation to penalize the building of every dwelling by heavy taxation. The value and consequently the price of a lot upon which to The following is a bill introduced by the Hon, build is increased by every public expenditure for

2nd. Greater production will greatly help to

special taxation. When it is remembered that a cord is not mistaken this is the first trades union tax upon any labor product is virtually an addition- to apply for incorporation since the incorporation

3rd. Our public debt is over \$2,000,000,000 and the interest required, together with pensions and other Government expenditure necessitates a reve- ler Fish Handler, Hugh Pynn, Clerk, Sylvester Tas-

The solution of the three-fold problem lies in the throughout the Province of Nova Scotia. taxing of land values and the utilization of such of our natural resources as are not yet alienated. Land is the only thing which can be taxed without in- hold, and enjoy real estate not exceeding Fifty rake it harder to keep unused, and the higher the lease and otherwise dispose of the same for the tax the lower will be the selling price and in this benefit of the said corporation and the furtherance way the high taxation now necessary, if applied to of its objects. land can be made a benefit instad of a burden.

Tax land values only and exempt houses from 3. The said corporation is hereby authorized and taxation; then land will become cheap, houses plen- empowered to organize branches to be known as profitable to keep land idle than to use it, and which cancelled and delivered to the said corporation. ploy men to produce.

only way a sufficient revenue can be obtained justly, and without aggravating the present situation. The adoption of this method will solve the for any debts, liabilities or acts contracted, done or three questions of Housing, High cost of living, and committed by any lodge or its officers or members adequate revenue, which are now pressing for nor shall any lodge be liable for any debts, liabilisettlement, and there is no other practical solution ties or acts contracted, done or committed by the

NOVA SCOTIA INDEPENDENT FEDERATION sonally made himself responsible therefor.

tax upon any moor product is virtually an addition—to apply for incorporation since the incorporation at cost of production which with a profit on the tax—of the P.W.A. night two score years ego. The fact enters into the selling price, it is easily seen, that of this application shows the trend of the times and one of the quickest ways to decrease the cost of it is to be hoped the example set will be followed by living is to repeal all taxes upon things made by unions now existing. Below are some of the sections of the bill :-

- nue of about \$350,000,000 a year. How is this to conia, Fish Handler, and Arthur Tucker, Coal be raised without increasing the already intolerable Handler, all of Halifax, and such other persons as subjected? To increase the tariff would be to in-pendent Federation of Labor are hereby incorporacrease these burdens and it is very doubtful if this ted and their successors are created a body corporcrease these burdens and it is very doubtful if this fed and their successors are created a body corpor-would not reduce rather than increase our revenue, ate by the name of "The Nova Scotia Independent As already shown any increased taxation on things Federation of Labor" ((hereinafter referred to as produced by labor will add to their price and in "the said corporation") for the purpose of mancrease the cost of living, thus making a sufficiently aging the affairs of the said corporation and for the protection and promotion of the cause of labor
- creasing its selling price. For to tax land is to Thousand Dollars in value, and may sell, mortgage,
- tiful, and rents will fall. Take taxes off all food, "lodges of the places or districts in which they are clothing jetc., stop putting obstacles in the way of formed. These lodges shall be under the control trade and commerce such as tariffs, licenses and and subject to the direction of the said corporation wrong taxation, and much more quickly than by and be governed by any by-laws made in reference any other means the cost of living will come down, thereto pursuant to this Act. The said corporation any other heals the cost of fiving will come down, thereto pursuant to this Act. The said corporation Take the tax off production and discourage the shall issue a certificate to be known as holding of land idle. Then there will be no need to a "charter" whenever a lodge has been formed, to urge men to "produce." Men are kept from pro- be used by the said lodge until it has ceased to duction by unjust taxation which makes it more exist, at which time the said certificate shall be
- The annual rental value of the land (which value thereof shall be responsible for any wrongful act is wholly a community produced value), together done by its officers or members unless the same has with our remaining natural resources are amply been previously authorized or subsequently ratified sufficient to provide for all the needs of Municipal, by the said corporation or a lodge, as the case may
- of these problems and upon their solution the fu- said corporation, its officers or members, or any other lodge, its officers or members.

-6. No member of the said corporation or any lodge shall be liable in his personal or separate estate for the debts of the said corporation or a lodge, as the case may be, unless he shall have per-

7. The real estate or personal property of the A bill was introduced in the House of Assembly name, but shall be managed by a board of trustees, last week having for its object the incorporation of consisting for the time being of the duly elected and a trades union under the above name. If the Re- acting President 1st Vice President and Treasurer.

That the Loch Lomond iron areas are likely to A, A. McKinnon, Ry. Dept., Springhill-"Have prove extensive enough to justify immediate work-read "Minerals and Mining" with much interest and ing is the interim report that comes to Sydney from profit. Am greatly impressed with the author's splenthe prospectors engaged in making an examination did optimism regarding the future development of the of the fields on behalf of the Dominion Steel Cor- mineral resources of Nova Scotia. The book contains poration. The work of the prospectors will not be a wonderful fund of useful information hitherto hidcompleted for two weeks yet, and their final report den from the writer, who will treasure the book on acis being awaited with the greatest of interest here, count of its own worth, as well as for form of friendly Iron ore near the coal mines means cheaper steel, association with its author." and cheaper steel means a greater Sydney.

MINERALS AND MINING.

WHAT IS SAID OF IT.

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the production of your invaluable book, "Minerals Sketch. and Mining," which I have read with intense interest, presenting, as it does a complete history of the mining industry of the Province, and from so authentic a source it should prove very helpful, to every mining student. To myself the book is especially interesting on account of our intimacy at a mining center, in the seventies, and the reminder of old and lasting recollections, - John Fraser

Thomas Cantley. Chairman of the "Scotia" Board, writes: "I wish to congratulate you on your book. It is certainly creditable, well printed, good clear type, in short, the binding, the size of the volume, and general make-up leave nothing to be desired. Altogether it is a most creditable production, and I have no hesitation in saying that it will be looked on as an authoritative history of the Iron and Coal industry in this Province, the value ci which as the years go by will be continually enhanced, and in it you are leaving that which will keep your name alive so long as Nova Scotia is interested in civilization's great basic industry,"

J. Macgillivray, Receiver and Manager, Inverness Railway & Coal Co.: I have been reading your book "Minerals and Mining, Nova Scotia", and find it highly interesting and instructive, containing, as it does, much useful information in very readable form.

A. S. McNeil, District Superintendent, Glace Bay: I have received a copy of your book. It is very interesting, instructive, and to the point. I congratulate you on the completion of this valuable work and trust it will meet with the appreciation which it deserves.

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IRELAND'S PAST.

"Have we forgotten it al eady, this lesson of the war-when Ulster drew her sword and stood by our side, and Dublin drew her knife and crouched at our back?"-Morning Post.

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CHAPTER XXIV. The Four Great Epochs in the Industrial Expansion of the Province.

CHAPTER XXV. The Coming of Dominion Coal. CHAPTER XXVI. The Part, Wabana Plays.

CHAPTER XXVII, The Advent of Dominion Steel.

CHAP. XXVIII. The Province's Fortunate Escape. CHAP. XXIX. An Offer Fortunately Unaccepted. CHAPTER XXXI. Ir.n Ore Mining. CHAPTER XXXII. The First Mine Inspector. CHAPTER XXXII. The Wonderful Island.

CHAPTER XXXIII. In the Early Days.

CHAPTER XXXIV. Early Coal Mining in N. S. CHAPTER XXXVI. Submarine Mining.

CHAPTERS XXXVII to XLVII, Pages 313 to 368 treat respectively on: By Products of Coal-Vast this well written book adds to that obligation. increase in Mineral Wealth —Quality of N. Scotia Coal —Mine Explosions and Fires - Government duction Comparisons.

NOTICES OF THE BOOK : .

Favorable, indeed flattering notices are being received of the book issued by the editor of the Mining Record. That youthful modesty which is, as many know, a characteristic of the author, forbids a rehearsal of many of the nice things said. At the same time, that arrogance, also characteristic of youth, impels him not to hide them all in a napkin. Here is a little coincidence. With the same mail came two notices and both from McInnes's, one a former District Superintendent of the Dominion Coal Coy., and now a wholesale coal merchant in Montreal, the other from a highly respected citizen of Port Morien:

"While in Cape Breton two weeks ago I got a copy of your new book. It is very interestingbrings back the old days. The coming generations will find it an accurate story of the periods just passed, when Nova Scotia came into her own as a coal producer and as a pillar in our industrial development."—Mr. A. McInnes.

And this from Daniel McInnes: "I congratulate you on your authorship-the right man in the right place. No other man could write such a history without the knowledge you possess.

And these:

R. McDougald, Westville: . . . All that comes from your pen is always to the point, and within the limits of human knowledge, accurate. I an very glad that you undertook to conserve the acquisitions of a life time of special study and observation in a book. It will no doubt prove helpful to many a Canadian mining student.

John Moffatt, Dominion, C. B.: I have read your book and am convinced that to the great work CHAP, XXXV, Romance in Prospecting and Findings accomplished by you in the sphere of labor, in the past, you have added another service which will endure for many years, and be often quoted from. The Province of Nova Scotia is indebted to you in many ways, and

This from another C. B. correspondent :-Assistance to Mining-Technical College, Mining 'The book made a hit. It has proved itself a suc-Schools—Coal Companies of Nova Scotia—New cess. I have heard not a few complimentary re-Scams, Stellarton—Nova Scotia Coal Sales, 1811- marks, both regarding the book and the author. I 1917-Staff of Mines Department and Some Pro- hone the 2nd and the 3rd editions will be called for before long.



Synopsistof Coal Mines Regulations,

COAL mining rights of the Dominion, in Manitoba, Saskatchewan and Alberta, the Yukon Territory, the North-West Territories, and in a portion of the province of British Columbia, may be lessed for a term of twenty-one years, renewal for a further term of 21 years at an annual rental of \$1 an acre. Not more than 2560 acres will be leased to one applicant.

Application for a lease must be made by the applicant in person to the Agent or Sub-Agent of the district in which the rights applied for are situated

In surveyed territory the land must be described by sections, or legal sub-divisions of sections, and is unsurveyed territory, the tract applied for shall be staked out by the applicant himself.

Each application must be accompanied by a fee of \$5 which will

be refunded if the rights applied for are not available, but not otherwise. A royalty shall be paid on the merchantable output of the mine at the rate of five cents per ton.

The person operating the mine shall furnish the Agent with sworn subura accounting for the full quantity of merchantable coal munon and pay the soyafity thereon. If the coal mining rights are not being operated, such returns should be furnished at least once a year. The least will identify the coal unining rights only, rescinded by Chap. 37 of 4.5 George V. assented to 12th June, 1514.

For full information application abould be made to the Secretary of the Department of the Interior, Ottawa, or to any Agent or Sub-Agent of Dominion Lands.

W. W. CORY.

N. B. Unsathorized publication of this advertisement will not be aid for,-88575.



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Recent Publications:

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The Coal Fields and Coal Industry of Eastern Canada, by Francis W. Gray.

The Thin Coals of Eastern Canada, by J. F. K. Brown.

Annual Mineral Production Reports, by J. Mc-Leish, B. A.

Apalyses of Canadian Fuels, Parts 1 to V, by E-Stausfield, M. Se., and J. H. H. Nicolls, M. Sc.

The Mines Branch maintains the following laboratories in which investigations are made with a view to assisting in the developing of the general mining industries of Canada: —Fuel Testing Laboratory, Ore-Dressing Laboratory, Chemical Laboratory, Ceramic Laboratory, Structural Materials Laboratory.

Application for reports and particulars relative to having ir estigations made in the several laboratories should be addressed to The Director, Mines Branch, Department of Mines, Ottawa.

R. G. McConnell, Deputy Minister.

Geological Survey.

Recent Publications:

Summary Report of the Mines Branch for the Summary Report. The annual Summary Report of the Geological Survey is now published in parts. Applicants should, therefore, state what particular geologist's report is required, or what subjects they are interested in.

MEMOIR 44. Clay and shale deposits of New Brunswick, by J. Keele.

MEMOIR 59. Coal fields and coal resources of Canada, by D. B. Dowling.

MEMOER 60. Arisaig-Antigonish district of Nov-Scotia, by M. Y. Williams.

Mamoir 78. Wabana iron ore of Newf() ndland, Ly A. O. Hayes.

MAP 63A. Moncton Sheet, Westmorland and Albert Counties.

MAP 164A. St. John, New Brunswick, Topography.

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