Rossland Weekly Miner.

Published Every Thursday by the Rossland Miner Printing & Publishing Co LIMITED LIABILITY.

C. A. GREGG Clanaging Editor

LONDON OFFICE. C. J WALKER, 24 Coleman Street London.

TORONTO OFFICE: CENTRAL PRESS AGENCY, LD., 83 Youge SPOKANE OFFICE: ALEXANDER & Co., Advertising Agents, Room First National Bank Building.

EASTERN AGENT: EMANUEL KATZ, 230 Temple Court, New Yor

SOSSIAND MINER for all points in the United States and Canada is Two Dollars a year or One Dollar and Twenty-five Cents for six months; or all other countries Three Dollars a year—in advance.

AS OTHERS SEE US.

As a special dispatch from Ottawa the Vancouver Province publishes an interview with an Eastern gentleman who apparently has been giving much profitable attention to matters affecting British Columbia-especially the people of the province will agree. Delcism of conditions as they exist today, the gentleman interviewed remarks:

has been built, the rich mineral districts of southern British Columbia dries to the injury of the whole United have been opened, the Yukon and At- Kingdom? reach of the merchants of Vancouver British Columbia is deplorable. We in ing will diminish in the vicinity of and Victoria, a considerable immipra- the east are profoundly sorry, for Brittion has taken place from the older ish Columbia might easily become the provinces and the United Kingdom; last but not least, over and above the are many excellent men there as well public expenditure about forty million as many excellent newspapers, but undollars have been invested on private account by eastern Canadians, English- tablishing stable government and getmen and Americans. Things promised well down to 1897, but since then a and other parasites preying upon the succession of local squabbles and dis- body politic, there is not much turbances have brought British Co- for the future. British capitalists have requires lots of water, a fact which lumbia almost down to the level of a well nigh lost faith in the province, South American republic.

"Compare British Columbia with the state of Washington. British Columbia had a long start on Washington, but time, however, should be lost. The pres-Washington has now left British Columbia far in the rear. One has a population of over 500,000, the other is not able to boast of 200,000. Without a dollar of public aid Washington built 3,000 miles of railway; with abundant public aid British Columbia has only 1,300 miles. On the American side of the where there is not a 'political crisis' every three months or a roar of agitation all the time, the miners, farmers, fishermen and lumbermen are making remarkable progress. Why the farmers over there are actually sending their products into British Columbia, notwithstanding that British Columbia is capable of not only raising all the products for home consumption, but of exporting a lot to boot. During the fiscal year 1899-1900 the farm products imported from the United States into British Columbia amounted in value to nearly \$1.000,000; they embraced eggs, hay, poultry, potatoes, tomaances instead of topdressing the

and supplying the home market. Nova Scotia was engaged in a struggle for responsible government. But no one lateral advantages go should show all his imperfections; and to err is for responsible government. But no one natural advantages go should show that the outside British Columbia is able to such discrepancies in point of actual business. If the country goes banka proverbial scuffle of kites and land the island, and that each shall the Turner government some ill-feeling tion Court is due. The Conciliation to argue from what exists today that something of the same sort may be ex-

light down upon British Columbia as ish Columbia, and we are thoroughly in form, should be either most capable his oyster. By methods in which he is an adept he gets control of a newspa clans, and forthwith begins agitating sort of people get together and attempt character, and should, in addition, posfor a charter, plus a provincial and to lift the province out of the mire. federal subsidy, for the construction of a railway designed in nine cases out of THE CRIMINAL CODE OF CANADA method in arbitration, whether nationten to benefit the United States. Here in Ottawa we see through the game readily enough, but his rag-tag-andbobtail shout for the road, even before they know that there is such a thing as a practicable route, or, given a practhe road will transfer business from the road will transfer business from the publishing house of C. Theoret. Its their own province to the Americans, who, as we all knew, give nothing away that they can possible keep at

"To show how the Americans act let me cite a case which occurred within the last few days. A Canadian com-Toronto optained a charter not long ago from the Dominion parliament to of law are carefully noted. The penal composition or constitution. It is a gains were \$8,118,000 in the United States on the different points ago from the Dominion parliament to of law are carefully noted. The penal composition or constitution. build the Kettle River railway. The road was to cross the international boundary. One of the prime objects of the promoters, as they themselves assured parliament, was to carry ore can side to a shield at Grand For law to con-in British Columbia. For leave to con-struct their line in United States ter-

ritory it was necessary for certain reasons that the should apply to Washington. But when they got to Washington they found Mr. J. J. Hill's agents contesting their application on the very ground that it was their intention to smelt American ores in Canada, whereas one of Mr. Hill's lines, which is being built in connection with the Vancouver, Victoria & Eastern, would carry the ore to the smelter at Northport, thus retaining in American hands all the profits from the American mines. In British Columbia, however, certain people seem to be willing to sacrifice everything the province possesses to American railways and American smelters, provided that certain contractors are allowed to make money out of the deal.

"The labor strikes in British Columbia are as incomprehensible as British Columbia politics. I doubt if half a dozen men in Rossland understand the Imperial Criminal Evidence Act, 1898, true inwardness of the strike at Rossland. All that we in the east can gather is that labor leaders in the United strike on or off in British Columbia just as they see fit; and for the last three years have kept the province in constant uproar and inflicted upon it loss and damage, which, directly or indirectly, has been simply enormous. When properly conducted labor unions serve a good purpose. I am not quarpolitical situation. With much of what reling with or belittling labor unions as he has to say a great majority of the such. But who ever heard of Americans striking at the command of a Canadian labor leader? Quite properly from ving a little bit into ancient history in his point of view, the dog does not per order to get a fair start for his criti- mit the tail to wag him. Why then should Canadian labor unions remain subject to American control? England and Germany are commercial and in-"Nearly 50 years have elapsed since dustrial rivals. What would be said in Sir James Douglas set up the first local England if German labor leaders, instigovernment, and 30 years since the gated perhaps by German ironmasters province was admitted into confederation or German textile manufacturers, had tion. The Canadian Pacific Railway it in their power by a wave of the hand to tie up British factories and foun-

> richest province of the Dominion. There less they combine and succeed in esting rid of the agitators, boomsters but we in eastern Canada still cling to ple will get together before long and the placer to hydraulic mining, the lift the province out of the mire. No ent period of inflation cannot last for ever; there are ominous signs of col lapse in Germany and Russia, while of in fact it may prove to be somewhat late railway earnings in England have smaller. Dawson is rapidly becoming begun to decline, a sure presage that like an eastern town. the inevitable cycle of depression is not far off. British Columbians will have themselves to blame if, when the hard times arrive, they suffer more severely than the rest of us. some talk of establishing a cabinet on strict party lines. The necessity of introducing partyism is not nearly so im- paper, in its issue of Oct. 12th last, perative as the duty which devolves upon all the good men of rallying round some man of character and giving the community a much-needed rest from turmoil and blatherskite."

inclined to dispute. It is quite true that or of a few men possessing the concould easily turmoil and confusion in the conduct as to be able to reconcile their differsince 1897 there has been nothing but have been raised on the Canadian side of the line. The trouble is that the made of the progress made by this one in theory, but, unfortunately, to energies in redressing imaginary griev- province and the state of Washington soil during recent years. It certainly is idea has to be put into practical exersurprising that two areas of territory cise, and to do this machinery must almost similar as far as resources and be put in motion. The machinery in comprehend the motive or aim of Brit-progress made. We think the gentle-human, ish Columbia politics. To a stranger it man makes a mistake however when he attaches such importance to the disof office not principle; indeed the only astrous workings of the alleged secprinciple that can be descerned in the tional feeling between the Island and is to this class that the creation of a perpetual Donnybrook is that the island the Mainland. During the regime of Conciliation Court and of an Arbitramake as much noise as possible in was aroused over sectional differences. Court is the first tribunal to which prosecuting the feud. The upshot is an but during the last few years this has disputants take their cases and from utter lack of stability; it is impossible been almost entirely removed, thanks it they can only appeal to the Arbito a broader and more generous spirit tration Court. A decision of the latter tomorrow; legislation consists influencing public opinion. A point settles that particular appeal for a for the most part of making crude and to which we wish to draw special atdiscredited experiments without regard tention is what the gentleman whose supposed that the appeal would only to the interests of the province or the views we quote has to say respecting be against a rise of wages; on the conconsequence is that capital regards labor troubles in British Columbia. His trary, it is as frequently because the British Columbia as a good place to contentions are quite in accord with rise is not sufficient, and the Arbitrastay away from. Destructive taxes may the opinions which The Rossland Miner tion Court, as a rule, increases the be imposed upon enterprise, the legis-lature in its wisdom may ordain that eight, six or four hours shall be the sions. It surely is, as the writer says, land, where the working class element working day-anything is possible in a matter for great regret that it should is predominant, the leaning towards such a distracted community, and ac- be in the power of American labor lead- that class is strikingly evident. cordingly the man with money goes ers to order Canadian workmen to lay "But another important point is the down their tools and enter upon a dis-selection of the arbitrators. These, to tors. A contractor with a big plant on his hands wants to make more a strong strike. The hope is expressed be best suited for the onerous and hands wants to make money, and that a better day is dawning for Brit- delicate duties that they have to peraccord with the remark that this will experts in that class of work, or not be accomplished until the better should be men of elevated position and

Code" of Canada, annotated by James bias as possible, and fitted by their at-The second edition of the "Criminal reliability and the fund of reference arbitrators, and disputes must be rethose of the session of 1901, are included in the volume, and the decisions of

available on these subjects which may serve as a guide to lawyers and judges in all cases of that nature which may come up for consideration. The second division of the book is devoted to the procedure in criminal cases, the submore numerous and more carefully brought up to date than in any other. Zealand assessor thus appears in the Appeals from summary convictions, certioraris, and habeas corpus proceedings are fully treated, and the satutes relating to the release of prisoners under ticket of leave is set forth in the which outrages all one's ideas of prinproper place. At the end of the volume in extra appendices are set forth the States seem to be able to declare a kon Territory Act, Fugitive Offenders' ences to and comments upon extradifenders' Act.

THE OUTLOOK IN THE YUKON.

Mr. R. G. McConnell, of the Dominion government geological survey, who has just returned from the Yukon to Ottawa, says he cannot accept the view of Prof. Coleman, of the school of Practical Science, Toronto, who returned a few weeks ago with the tale that the camp is played out. Mr. Mc-Connell saye the Yukon will be a permanent country. It is true placer min-Dawson, but discoveries are being made further afield, and it must not be forgotten that the Yukon Territory includes an extensive area. Mr. McConnell says that quartz will succeed placer mining in the Dawson camp, and there is yet an enormous area of low-grade gravels to be worked. This presents the greatest difficulties, but when necessity drives the miners from water difficulty will be surmounted. Mr. McConnell says the wash-up this year will not exceed that of last year;

LABOR IN NEW ZEALAND.

A correspondent of the Edinburgh (Scotland) Despatch, writing for that says of the Labor Arbitration Court of New Zealand:

"Arbitration is one of the special ures of New Zealand social legislation, but its success cannot be said are made in the foregoing which we are to be assured. The idea of one man fidence of two opposing parties, so far be of any good in this sinful world, an

"In New Zealand the proletariat ele-

sess the confidence of both classes of is eventually strangled." arbitration seekers. This is the usual al or international-viz., to choose mutually acceptable men, as free from

take what the law brings. "There can, therefore, be little con-Elections Act are introduced and an-

But the ways of New Zealand are not producers with a slight excess over should be made union mills. The gage

thoughts. are thoroughly dissimilar. The New India. light of an industrial Procrustes, making everything of the same size and amount in the wage line and establishing a standard of pay on a system

ciple and common sense. "The president or head of the Conciliation Board in a certain district is the Imperial Foreign Enlistment Act, a Baptist minister. All honor to the the Canadian Alien Labor Act, the Yu- cloth for attaining to that proud position, but what of his fitness for such a a list of Imperial Extradition Treaties wages made to them would not fall on in force in Canada, together with refer- deaf ears, no matter whether the intion treaties affecting the Fugitive Of- lence is an excellent thing outside of could be conducted at all.

wages, which our industry cannot afford to pay.' This firm was obliged in self-defence to import labor-saving machines, though the duty on them was not less than 20 per cent. Then some classes of workers are attempting to restrict the output of machinery. In a recent 'reference' to the Arbitration Court in Christchurch, the workmen not only laid down what the day's wages should be, but also what each man's output per diem was to be.

"With reference to this, a woollen mill firm intimated to the government that under the reduced hours of labor proposed in the new Factory Act they could not compete with imported goods. The manufacturing department would therefore have to be dispensed with. Overtime being penalized, it is evident that at certain seasons when extra work is necessary the refusal to allow it can only have serious consequences to the industries so affected. "The ways of the Arbitration Court thanks to the minute sub-division of labor by trade unions, are of such a character that the manager of a big meet-freezing company declared that

his company could be made parties to twenty distinct arbitration awards. charges: it is said no government dare His company worked up all the byproducts on the premises, and they could be cited as tinsmiths, gluemakers, manure manufacturers, carpenters, fitters, fell mongers, slaughtermen, etc.

"The courts appear to be always and they resort to them accordingly. 1 a long list recently published of wages, if they do so much the worse for the the reverend president formerly alluded country. The question is will or will to allowed a rise in nearly every class effect of so-called arbitration has been rupt passing legislation to catch miners' all in that way. The worker alone has been considered.

for it all to the business people. Does "With regard to the frequent use, or Houston think it will be ample? rather the gross abuse, of the machinery of the Arbitration Court, a firm of tanners at Otago, when interviewed by the New Zealand Herald, delivered themselves to the following cially of newly acquired power, carries Mr. Frecheville and Mr. MacDonald in effect: 'The possession of power, espewith it an almost irresistible desire reference to the changes in the manfor its use, and no sooner has a trade agement of the mines with which they not more than one hundred vacancies formed its union and become organiz- are connected. By these announce- to fill. under the act are immediately exer- surd rumors will be set at rest-rumors cized; a dispute is filed, and the pro- plainly manufactured in order to York yesterday will be ranked among cess of "squeeze" commences. A con- achieve certain purposes. The peace the most notable events in the political stant occurence of disputes is main- of mind of the public has been to a annals of the United States. The great tained, and an increase is gained each certain extent disturbed by statements city appeared to be so thoroughly under time in the amount of wages received emanating from worthless persons and the control of the corrupt organization, by the worker and the number of resent abroad with malicious intent. the forces of the latter were so thorstrictions placed on the employer. The Those who knew their sources were of oughly trained and disciplined, and the process then goes on until there is no course able to put their true value corruption fund at its disposal, stolen more to be squeezed, or till the cost of upon them-which was less than from the public purse, was so large that production has so much increased that nothing-but not all of the people at even the most optimistic advocate of the manufacturer is unable to compete large were thus in a position to judge. reform might well have felt doubtful with the importers, although he may The authoritative announcements we of the result. Tammany went under, be assisted by a heavy duty. Wages publish today will therefore be a cause however, and for four years at least are raised for a time, but the industry of general satisfaction in this regard. will have little to do with New York

PRODUCTION OF PRECIOUS METALS.

tainments and moral qualities for the Director Roberts of the Mint, has pre-Montreal Bar, has just been issued by work. But the New Zealand legislaremainity and the rund of reference summer and Turkey may ascontained in it render it a standard gents have thus no choice, and must been recently gents have thus no choice, and must be work. The latest amendments, even gents have thus no choice, and must be work. The latest amendments, even gents have thus no choice, and must be work. the courts in Canada, England and the fidence in the tribunal where one has in the Transvaal field of South Africa, strike which plunged the neighboring rethe courts in Canada, England and the United States on the different points at best a mere infinitesimal say in its and due to the war. The principal public into the throes of industrial great power weakened at this time beland Revenue Act, as well as the dispositions of the Adulteration Act, together with the penal clauses contain- Act, one of these being to debar a by Alaska, Arizona, Colorado and tioned great controversy, what is it that ed in the Bank Act and the Dominion solicitor from appearing for that Utah. The silver output of the world we see? At the time of the declara-

ied by references to all judgments ordinary rights allowed to the basest product of 1899 by 11,572,513 ounces. The latter that the battle was to be waged

CONDITIONS IN THE SLOCAN.

very intelligent and convincing fashion. Alluding to the dozen or more reasons advanced for the non-operation of most of the silver-lead mines of the district, the Review contends that the real one had heretofore been known as "union" can be cited in a few minutes and pro- mills-a clear defeat for the labor agi-Convention with the United States, and their feelings, and the cry of poor investment as they know that with strongly to the members of the dustry could bear it or not. Benevobusiness, but the latter must be run such stocks can afford to take a low by the professional agitator is afforded so as to pay. Were it otherwise, and were sentiment to step in, no business curity is good, they are always sure ers and machinists in Seattle, which the "As a result of the harrassing legislation of New Zealand in the matter will not last for ever; what they make stance, what do we find? At the dictaof trade disputes, some good firms are they will get in a few years. They then tion of a few reckless demagogues the meditating going elsewhere. One firm says: 'We are in daily and hourly dread may have in sight for a small profit, as the large works went on strike. The of being cited before the Conciliation it might be the last good paying ore profitless strife continued for many and Arbitration Court for increased available in the property for some time. months; but in the interim the em-They know the present price of silver ployers had, naturally, been filling their is 57 1-4 cents and of lead \$4.37 1-2 in works with such help as they could get New York. They have got to make a from outside sources-with the result good profit at these prices, or it will that when the union members had got not pay them to work their properties. enough of the turmoil and decided to Houston at Nelson, is persuading the return to work, they found very few miners 5 per cent is a good profit; but positions open—outsiders occupying he knows in his heart he is lying, and that if he had a shipping mine in the all this which the decent union miners Slocan, he would either have more of Rossland camp ought to take to profit or shut up the property. Now heart? We think so. It is useless for freight and treatment are about as us to present further argument, so we high as ever; the eight hour law has in- leave them, with these few words, to a creased the cost of work from 10 to 20 contemplation of their position as they per cent; the double tax and other find it at this moment. legislative restrictions add to the burdens. The owners find they cannot bear THE SEATTLE STRIKE AND ITS all these burdens, at present prices, and pay reasonable interest on their investments. The only cure then is to shut up the properties till prices either go up or expenses go down. It is not a question whether or not government restrictions are too severe, or whether or not the eight-hour law is unjust, or whether freight and treatment are too high. It is a fact that all combined prevent mining operations. The reduction of any one of the burdens would relieve the strain. The government cannot control freight and treatment

THE MINES MANAGEMENT.

repeal the eight-hour law, although he

would be a wise man indeed who could

show all things considered it has been

a service to even the miners. The gov-

ernment could, however, reduce the two

per cent tax and the other burdens of

which the owners complain. It stands

not our representatives move in the

votes will hardly be a recompense

down in price as to go up, an

In our news columns this morning we give official announcements from who were taken back in the shops on

THE LESSON OF TWO STRIKES.

It is the duty of a newspaper which has the true interests of Rossland at heart to call attention at this time to the lesson which is set the general pub- of the imagination in order to assume tion of the precious metals for the cal- lic-and more particularly the members that it is conceivable that the trouble endar year of 1900. It shows that the of the Rossland Miners' Union-by two between France and Turkey may as-070,200 from 1899. The loss was mainly the first instance, to the great steel

criminals passes all comprehension. United States again leads all other in order to arrange that non-union mills our ways, and its thoughts are not our Mexico. There was an important ad- thus thrown down was accepted by the vance in the price of silver during the managers of the steel companies; and "The assessors of the North Island year, the price ranging from 59.1 cents after weeks of wordy controversy, the recently laid down the dictum that per ounce in January to 66.3 cents in latter won a complete victory, many of wage rates of the two islands-i. c., the last month of the year. The chief the union mills being non-unionizedceiving particular attention. The de- the North and South-should be uni- factor in the rise was the purchase for that is, operated during the strike cisions in this department are even form although the conditions of each the account of the government of period by non-union labor. Seeing comwhich he espoused, Shaffer, the leader of the strikers, arranged for a compromise; and when the settlement was agreed upon what was the The Sandon Mining Review deals editorially with conditions in the Slocan result? The strikers found in respect to the mining industry in a that not only had they not gained anything in advancement of the cause of unionism, but found that added to the list of "non-union mills" were no less than four or five of the mills which

> But a lesson which appeals peculiarly most of them. Is there not a lesson in

LESSON.

On Wednesday morning of last week the long-drawn out strike of the moulders in Seattle came to an end and the condition which confronted the strikers when the trouble was over contains a lesson which may very well be studied by the members of the Rossland Miners' Union. At 7:30 o'clock on Wednesday fully one hundred of the strikers presented themselves at the city shops and were assigned work. While more than two hundred of the moulders quit in sympathy with the machinists, not more than half that number found places open for them on Wednesday. Since the strike was inaugurated the shop-owners have been securing help from outside cities, and they refused to discharge the men to make places for th.e strikers. At the Variety Iron Works, possibly ten of the strikers secured work. More than thirteen noncured while the strike was in progress and they have been retained. The Washington Iron Works took back thirteen moulders, two apprentices and a number of helpers and cupola men. At the Moran Bros,' big shop only two moulders were given work. Since the strike was inaugurated, the moulding shops were torn out to make room for the keel of the battleship Nebraska. Twenty of the returning employees were given jobs at the Vulcan Iron Works plant. The total number of moulders Wednesday is not known, but it is conservatively estimated that there were

The overthrow of Tammany in New government. Outside of this contest, yesterday's elections carried little importance, from either a national or a party point of view.

It does not require any great stretch as Great Britain is concerned is the fact that she finds her strength as a confronted with in South Africa.

The Duke of Cornwall and York will shortly assume the title of the "Prince of Wales." The latter will sound more familiar to those of this generation.

CHANGES AT THE MI

New Managers Chos the Le Roi and th Smelter.

Mr. MacDonald Rer in Charge of Othe Properties.

A full announcement of a changes in connection with the ment of the Le Roi, Le Ro Rossland Great Western, and F Mining companies and the N Smelting and Refining comp been made. Mr. Bernard Ma retires from the general manag the Le Roi, and is succeeded b H. MacKenzie. Mr. Jules Lal the new manager of the N smelter. Mr. MacDonald has contracts to remain in Rossland eral manager and consulting of the Le Roi No. 2, Rosslan Western and Kootenay Mini panies. Mr. William Thomp signed a contract to remain in as general superintendent of panies under the general man

of Mr. MacDonald. The foregoing facts were securepresentative of the Miner course of interviews with R. J. ville, who represents the direct the Le Roi and Smelting co and with Mr. MacDonald. Mr. Frecheville was first see

reporter and the query was m "Is it correct that some ch on the tapis in connection wit Roi and Northport smelter sta "Yes," was Mr. Frechevi sponse, "the staffs at the Le the Northport smelter are being ed. Mr. Bernard MacDonald his resignation some time ago eral manager of the Le Ro company and the Northport S Refining company. It was acce Mr. J. H. MacKenzie, who for some years manager of t posa Grant properties in Califbeen appointed general ma succeed Mr. MacDonald. M Kenzie is a mining engineer a pert and mine manager of perience in the Western America, where he is very known. He has an excelle

leading mining firms in the cit don. "Have you read," asked porter, "charges by innuendo larities in the management

tion in London, and is now, as of fact, in the employ of sor

Roi and smelter companies? 'Yes I've seen the article Mr. Frecheville, "and the au having made of the compan both here and at Northport completed and there is not the ground for any such innuence peared in the Nelson Tribun What was the audit taken

the next question, to which "This audit was not made idea that any irregularities e simply because the London a were unable to properly app expenditure that has been the opening up, development ping of the mine and the the smelter at Northport. audit is quite a usual thing a through with by most large about once a year. I wish phatically to state that the revealed no justification for malicious innuendo against

Donald's management. "It would be of interest," the newspaper man, "to lear fect the changes in manage have as regards the strike, whether the labor trouble ha in bringing about the chang To this Mr. Frechevlle labor trouble had absolutely do with Mr. MacDonald's The latter was a matter quit the strike in every sense. pointments will in no way policy of the company with the strike. This policy was by the board in London careful consideration of out here, and the information their friends here has been

firmed by my own personal in the country. "Who is the Mr. McKeon in the Spokesman-Review, ever been in view as a pointee to the managershi the interviewer.
"That is not so," was th

presume that by Mr. McKe Mr. A. J. McEwen, who is my assistant, Captain T. for the crushing, mixing an The work of samples. The work of mine is being done under of Captain Jenkins, who man of very great experie United States and various world. He has long work and is very favorably known as a reliable and trustwort believe I am about the or whom he would act as ass justly considers himself any such subordinate positi "What about the chang

smelter?" was asked. "Mr. Kadish also resigned ago," said Mr. Frecheville, appointed Jules Labarthe cessor. Mr. Labarthe ha time been in the employ smelter as draughtsman ar engineer, and for the las or so has had complete of smelting operations there. engaged at Trail, Mr. 1 considerable experience of operations in the Utah m nd had received a caref metallurgy and mechani

"How long will you re