NEW COUNCIL

Mayor Dean and His Colleagues Took Oath of Office Monday.

Old Board Ceased to Exist -- New Standing Committees Named.

The closing scene in the career of the city council of 1902 was enacted at the city hall Monday afternoon and the new civic administraton assumed the reins of power.

During the day Mayor-elect Dean and the new board of aldermen took the oath of office. At 2 o'clock the old council assembled for the last time, ex-Mayor Clute presiding and Aldermen Armstrong, Daniel, Embleton and Dunlop being present. A variety of routine business was transacted, including the reception of the Sisters' hosiptal report, referred to elsewhere. When the docket was exhausted the chairman remarked that a motion to adjourn was not required as the old board ceased to exist at this point by efflux of time. Prior to vacating the chair Mr. Clute said: "As this is the last meeting of the present council, and I am retiring from the chairmanship, it is expected that I shall say something, but my remarks will be brief. I have to thank the members council of 1902 for their hearty support during the year. My only hope for my successor is that he may have as hearty and cordial support from his advisers as I have enjoyed. This board now ceases to exist, and I will vacate the chair in favor of my successor.

Mayor Dean was in attendance and immediately assumed the chair, shaking hands with the ex-mayor as the latter nded. Alderman Peter John Mc-Kichan, of the new council, was present and took a seat at the aldermanic desk. Alderman Talbot was prevented from being present by business en-On assuming the chair Mayor Dean

addressed himself to the ex-mayor and members of the council. He remarked that it afforded him great satisfaction to have the assurance of the assistance of his predecessor in the diffi-cult duties he would be called upon to discharge, because no one appreciated more thoroughly the difficult and onerous nature of the duties which the new year brought with it. He did not know that any previous year in the history of the city had required the application of more judgment, for-bearance, hard work and tact than ought to be brought to bear upon the work-of the ensuing twelve months.

It was the expressed desire of the people of Rossland that his platform as announced prior to the election should be put into effect, and this would be taken up. Retrenchment, with a due endeavor to promote the interests of the community and the mines by the handling of the city's BREACH OF FAIRNESS Number of patients remaining water resources in such a manne would bring about the best results, must be gone into. The inaguration of concentration in Rossland would help business by increasing the numand business could be further resus ciated by the completion of an arrange ment with the mining companies where by business houses would be accorded the privilege of supplying all the wants of the miners.

The matter of expenditure and revenue would also come up. It must be borne in mind that these two features must be made to fit each other, and it should be remembered that the feve nues of the corporation would be re-duced somewhat through the smaller number of liquor licenses taken out and further reduced by other feature of the policy to be adopted. He felt that the city should immediately proceed to consider the question of as sessments and to reduce assessed values as at present rated. This must be was essential if the corporation was the bylaw recently adopted by the rate npelled to go into court on an ap-d against the assessment that it The Nelson civic power house is one had been made to rearrange assess-ments in accordance with the altered mittee of the whole to take the sub-

committees, and he would nominate standing committees for the year as the first named on each committee being chairman.

Finance-Aldermen Daniel, ton and Talbot. Board of Works-Aldermen

strong, McKichan and Dunlop, Embleton, Daniel and McKichan, Health and Relief-Aldermen Dunlop

Armstrong and Talbot. His worship's slate as above was received with approval and unanimousl confirmed by resolution. This concluded the business of the session

The first regular meeting of the nev council takes place this evening. standing committees meet at 7:15 o'clock and the council assembles

TO CURE A COLD IN ONE DAY Take Laxative Bromo Quinine Tablets. All druggists refund the money if it

fails to cure. E. W. Grove's signals on each box. 25c.

INGRAM DROPS OUT WORK OF HOSPITAL FOURTH ESTATE DINE SHORTAGE IN

DUTY, TO TAKE EFFECT TODAY.

SERGEANT BRADSHAW IS ACT-ING-CHIEF-APPOINTMENT UNDER ADVISEMENT.

John S. Ingram, chief of police, will first official steps was to confer with its satisfaction and full concerning

regulated the matters relating to his department.

Sergeant George Bradshaw is appointed acting-chief of the force pending covers the period from December 31, 1901, to December 31, 1902, and is as follows: head of the department, and will for the present discharge all the duties of the office in addition to his regular work. Much speculation is being indulged in as to the ultimate appoint ment as chief of police. It has been stated that the administration considers the advisability of placing Donald Guthrie, chief of the fire department, in charge of the police force in addition to his present work, a suggestion that has everything to recommend it in point of economy, but has a weak spot, inasmuch as Chief Guthrie has had little or no experience as a peace officer. Ex-Ser-geant McPhee is also a possible nomiee, but it is questionable if he can be induced to leave his business and accept the appointment. Another proposa said to be under advisement is Sergeant Bradshaw be raised to the rank of chief and the duties of chief and sergeant be combined. Sergeant Bradshaw has been a police officer for fifteen or twenty years and has the confidence and respect of every element is the community. He is in the direct line of promotion and the administration might well indicate approval of faithful and intelligent service by taking the plan outlined, which has economy to

recommend it as well.

The question of police commissioners will shortly be decided. Mayor Dean is chairman of the board by reason of his position as chief magistrate, and his recommendations to the government wil probably carry weight in connection with the appointment of the remaining

While civic affairs are under discus ison it may be stated that the city clerk, who is also secretary of the clerk, school board, is now preparing estimate for the school board. The statute re quires that these estimates shall b forwarded to the city council prior

February 1.

MANAGER OF WEST KOOTENAY POWER COMPANY ALLEGES PARTIALITY

IN HIGH PLACES-SAYS CAN'T GET FAIR HEAR-

ING.

An appeal is to be taken at once against the decision of the gold commissioner at Nelson refusing the application of the West Kootenay Power & Light company for a mill site on the banks of Kootenay river. The ground in question is identical with or contiguous to a site claimed by the city of Nelapproached with extreme care, but it son for works to be constructed under

could be shown that a genuine effort of the pet fads of John Houston, M L. A., and the gold commissioner Renwick, is an appointee of Mr ments in accordance with the altered conditions. He thought there could be no doubt as to the necessity of conently Mr. Campbell, manager of the sidering this matter, and with this West Kootenay Power & Light company, connects these facts together in a manner not flattering to the commis sioner's reputation for fair dealing. Manager Campbell openly intimated at This brought him to the question of the sitting of the commissioner's court that he could not get a fair hearing of his application in Nelson, and that not only would he take an appeal to Victoria, but in future he would do business direct with the department of lands and works at Victoria, thus securing mmunity from partiality. A report of the proceedings appear in

a Nelson paper, but it is too one-sided to give an adequate idea of the real nature of the case, being published mani festly for the purpose of protecting the ommissioner. The commissioner is a shorthand writer and, possibly, supplie the report to the paper publishing it.

Now the case is to be taken to Vic toria and argued on its merits. Mr Campbell states without qualification that his company cannot procure a fair hearing in Nelson, and asserts that every effort to transact business there has been opposed by a certain without regard to the merit, of any proposition that has been submitted.

ESCORTED BY POLICE.

LYNN, Mass., Jan. 20.-Escorted by Robert McLeod, a former resident of this city, is reported to have been taken to the Nelson hospital suffering from put into factories where the Knights of Labor cutters are on strike.

RELIEVED FROM ACTIVE POLICE A YEAR OF USEFULNESS AND COMPLIMENTARY DINNER TEN-PROSPERITY WITH ROSS-LAND'S HOSPITAL.

> WARM RESOLUTION OF APPROV-AL BY RETIRING CITY COUNCIL

Hearty approval of an excellen sever his official connection with the expressed in the following resolution city of Rossland today. He resigned his post as principal peace officer several council of 1902, held yesterday afterdays ago, and the resignation was ac- noon at the city hall. The motion was cepted by the old commissioners, Messrs.
Clute and Daniel. On taking the oath
yesterday Mayor Dean became exented by the Mater Misericordiaa hosofficio a commissioner, and one of his pital be received and cordially approved, and that this council do hereby expres Chief Ingram and confirm the action of therewith, and heartily congratulates Chief Ingram and confirm the action of the old board. The resignation is to take effect on January 31, but Mayor Dean relieved Chief Ingram from further duty after today.

The withdrawal of John S. Ingram from of the government and recommendation of the government and government and government and governme from the city police force will be noted with regret by many citizens who appreciate his ability as an administrator preciate his ability as an administrator hospital requires such assistance for hospital requires such assistance for the process of the process and the admirable manner in which he its maintenance and has shown itself worthy of every support."

RECEIPTS.	Carriery.
Balance, cash on hand, Jan. 1, 1902\$	500.7
From patients	
City of Rossland (health and relief committee) for indigent	4
sick	393.5
City of Rossland grant for	
water rates	160.0
Pay roll deductions	1,912.7
Provincial government grant	3,597.7
Donations	114.6
Building fund	98.0
Miscellaneous sources	244.3
Carried Manager 1	11,326.4
EXPENDITURE.	
By permanent improvements 1.\$	247.8

	11 200
	11,326
EXPENDITURE.	
By permanent improvements 1.\$	247
By furniture	615
By hosital supplies	810
By doctors' fees for contract	1
patients	246
By male nurses' fees	679
By groceries and provisions	DESCRIPTION OF THE PERSON OF T
By fuel, light, water and tele-	
phone	1.148
By nurses in trust	317
	297
By labor	APPENDED
By sundries	227
By traveling expenses	25
By laundry	129
By general expense (including	
printing, stationery and post-	
	020

ě	By sunaries
å	By traveling expenses
ĕ	By laundry
ă	By general expense (including
ă	printing, stationery and post-
ă	age)
ă	By building fund
ž	Balance, eash on hand
ì	The state of the s
3	811
	Summary of receipts and ex
	Summary of Tecespes and ca

	Sn	mma	ry of	receipts	and	\$11,326.46 expendi-
		for				
1	st :	vear	Posts	\$12,51	9.35	\$12,508.97
				11,33		10,743.00
				15,92		16,519.71
				20,95		18,961.36
5	th	year		14,93	8.83	14,441.67
6	th	year		11,32	6.46	11,171.82
				\$87,00	1.87	\$84,346.53

in hospital January 1 Admitted during 6th year ending December 31, 1902 Number of males
Number of females

Total number discharged Total number of deaths Number remaining in hospital December 31, 1902

Number who died within 24 hours of admission Number who died after a longer period

Death rate, 7 per cent. ROSSLAND PIONEERS.

Interesting Information as to First Red Mountain Workers.

Who did the first work on Red Moun tain? This query may be cleared up b the following communication appearing in the Spokesman-Review: "To the Editor of the Spokesman-Re

view: In the interesting reminiscence of the old times at Trail published 1 the Spokesman-Review of January 6, by E. S. Topping, he refers to old workings having been found on the Le Roi and St. Elmo in 1888, when the first locations were made in that region. During the early days of Rossland I had in my employ a miner named George Bowerman. He told me, and I believe it, that he and his brother did this work in 1896. He said that he then pros-pected the entire district, discovered outcrops on the Le Roi. the War Eagle, the St. Elmo, the May Flower and other mines, and spent the entire summer there. This explains the finding at a later period of these workings and the old tools referred to by Mr. Top-

ping. "Speaking of the discouragingly lov assays in those days, it was often the case that assayers did not obtain the true value of the ore. Indeed, I attribute to this fact that I was enable afterward to obtain what proved to be a very valuable property, because the man then holding the bond did not get assays of sufficient value from samples which he took, although subsequently it was proven that the ore was of excellent grade.

"Referring to the richest ore ever shipped from the camp, there were several carloads shipped from the Josie mine exceeding \$70 per ton, and at least one carload exceeding \$80. I doubt if any other mine made a better showing any other mine made a better than this. Yours very truly, FRANK C. LORING."

DERED TO DEPARTING MINER. MANAGER.

JOSEPH P. EARNGEY'S NEWS PAPER FRIENDS EVIDENCED THEIR ESTEEM.

The newspaper men and printers of Rossland participated in a pleasant gathering at the Hotel Kootenay or Sunday evening. The occasion was a complimentary banquet tendered to Joseph P. Earngey, who has been manager of The Miner for the past six months.

Mr. Earngey severed his connection returning to Rat Portage, Ont., where he will assume the personal direction of the Rat Portage Miner, of which he is proprietor. During his brief resistence in Rossland his sterling traits of character and unfailing geniality won him numerous friends, and the respect and affection of those with whom he hampered. was more intimately connected in his managerial capacity.

Sunday night's entertainment was attended by The Miner staff, past and present, to a man, their number being swelled by representatives from other offices. Covers were laid for twenty.

A recherche dinner was served, and an hour or two spent in social exercises. In the course of the evening Mr. Earngey was presented with a hand-some morocco leather case containing toilet necessaries in ebony and sterling silver. The doners were the members of The Miner staff, and expressions of esteem and respect, together with regret at his departure from the city, were set forth in a brief accompanying address. The proceedings were of an exceedingly

pleasant nature.

The cuisine and service at the dinner was admirable—easily equal in quality to anything ever given in the city, and the proprietress, Miss Tower, was congratulated on the taste displayed and the results attained.

Mr. Earngey left last evening for the east. He was accompanied to the depot by a delegation of newspaper friends, who again joined in heartiest good wishes for his future prosperity and happiness.

COMING CARNIVAL.

Life Saving Exhibition by the Fire Department Planned.

A meeting of the Rossland carnival A meeting of the Rossland carnival committee which was called for yesterday afternoon at the office of A. B. Mackenzie was postponed for the time being on account of the approaching bonspiel. Several interested in the carnival were present at the appointed time, but nothing, outside of discussing ways and means of securing the necessary money needed to make the carnival a success came up.

During; yesterday afternoon efforts were made toward securing two additional attractions for the carnival. The view of the conditions, capitalists have not been allowed to direct their attention more exhaustively to the coal measures of East Kootenay, where production is now practically confined to the Morrissey, Michel and Fernie pits. But the provincial government prevents dust an analysis of the coal measures of East Kootenay, where production is now practically confined to the Morrissey, Michel and Fernie pits. But the provincial government prevents this. Coke ovens are in full blast at Fernie and Michel, but their output is not sufficient to supply the way of government buildings. Government buildings. permission to have the fire department turn out for such an exhibition and, to make it more interesting, will have a man leap from the top of the cornice work on the roof of the Bank of Mon-treal to the ground below. The fire department will also go through its regular routine of drills, ladder climb-

The members of the Bugle band, under the leadership of Major Barrett, announced yesterday that they would lend their hearty support toward making a success of the carnival. It is understood that the band will also coand torchlight procession.

THE RATHBONE SISTERS.

The dance and social given last night at Odd Fellows' hall by the Rathbone Sisters, a sister order of the Knights of Pythias, proved to be a very enterdances were arranged in a very neat manner and were well filled out. A committee, composed of members of the society/ attended to the guests and looked after the floor and supper arrangements. The music was furnished by Graham's orchestra. enjoyable affair. The

by Graham's orchestra.

The dance was the annual affair of its kind given by the society and was thoroughly enjoyed by a number of invited guests. Among those present

ast evening were: Mr. and Mrs. Dan Thomas, Mrs. C. Coffin, Mrs. Richmond, Mrs. Prest, Mr. and Mrs. John Phillips, Mr. and Mrs. Schotte, Mr. and Mrs. Stinson, Mr. and Mrs. Paul Wilcox, Mr. and Mrs. Villeneuve, Mr. and Mrs. Mr. and Mrs. Villeneuve, Mr. and Mrs. T. Graham, Miss F. Graham, Cranus Graham, W. Barry, Henry Ewert, A. Dempsey, Proctor Joiner, William Burken, I. James, W. Comerford, E. O. Hart, Percy Bunce, Miss Winfired Crowley, Miss Aconity, Miss McLaren, Crowley, Miss Aconty, Miss McLaren, Miss Grozzetta, Mrs. McKeown, Mrs. Schaidt, Mrs. Murphy, Mrs. Rich, Mrs. McLaren, Mrs. Fisher, Mr. and Mrs. Reverley, A. Smith, Miss Huron, Mrs. Emmett, Mrs. Lancaster and many

Previous to the dance the Rathbone Sisters held their regular meeting and installed officers for the ensuing term.

The officers installed are as follows:

Mrs. Alice Coffin, P. C.; Mrs. Clara Wilcox, M. E. C.; Mrs. Ida. Roberts,

E. S.; Mrs. Schotte, E. J.; Mrs. Dan Thomas, M. of T.; Mrs. McKeown, M. R. of C.; Mrs. Schaldt, M. of F.; Mrs. R. of C.; Mrs. Schai Rich, P. R. O. of T.

PASSED EXAMS-The current issue of the B. C. Gazette chronicles the results of the recent assayers' examinations. Charles Antoine Barke, of the Le Roi, and Alexander J. McNab of Trail were the successful candidates from the Rossland district.

COKE SUPPLY

Mining in the Kootenays Suffering From the Shortage

Zala M. Mine Is Compelled to Suspend Operations.

(Special to The Miner.) REPUBLIC, Wash., Jan. 20 .- The Zala M. mine in this camp has been compelled to suspend operations because the Granby smelter cannot treat

FROM GRAND FORKS. (Special to The Miner.)

GRAND FORKS, B. C., Jan. 20 .-There has been no improvement in the coke situation at the big Granby plant here. The smelter cannot secure sufficient coke to keep all its furnaces in continuous operation and the shortage is extremely vexatious. In the interests of the camp and district it is sincerely hoped that the near future will departments seems to be as remote as witness a marked improvement in re- ever. It may be taken for granted, as spect to coke.

FROM NORTHPORT. (Special to The Miner.)

NORTHPORT, Wash., Jan. 20.-Only three of the six furnaces at the Le Roi smelter here are in operation. The remaining three furnaces are dark be-cause sufficient coke cannot be procured to keep them running. The situ-ation is unpleasant as it involves the When the building was turned cutting down of the crew and the raising of smelting costs, all of which operates against the prosperity of this place and of the Canadian mining camps which ship largely to Northport.

The mining industry of the Kootenays and Boundary is probably suffering as seriously from the shortage in the coke supply as from any other cause, and every step is justified that will lead to a solution of the problem now facing the mining and smelting industry.

have suffered more or less in silence, vited for the fittings, and the contract possibly because of a feeling that the has doubtless been granted ere this. If coke producers are doing all in their power to meet the demand, but if a plain statement of the facts as they exist will stimulate the investment of tially. capital in coke-producing ventures, too much publicity cannot be given the submuch publicity cannot be given the subject. It is indeed surprising that, in view of the conditions, capitalists have not been allowed to direct their attention more exhaustively to the coal measures of East Kootenay, where prometric the conditions of the interior fittings be adverticed by the conditions of the interior fittings be adverticed by the conditions of the interior fittings be adverticed by the conditions of the interior fittings be adverticed by the conditions of the interior fittings be adverticable and the conditions of the interior fittings be adverticable and the conditions of the conditions of the finishing touches to the building, he stated that in his opinion the building when the conditions of the finishing touches to the building that the conditions of the finishing touches to the building when the conditions of the finishing touches to the building that the conditions of the finishing touches to the building that the conditions of the finishing touches to the building when the conditions of the finishing touches to the conditions of the finishing touches to the building when the conditions of the finishing touches to the conditions of the conditions are in operation, but it is by no means a certainty that the coke product of those mines will equal that of the Crow's Nest or the coal areas now inhas been found impossible to proceed with the construction of the Morrissey ovens as rapidly as was expected, owing to the heavy snowfall and frost The middle of summer will easily be in sight before coke is actually produced at Morrissey on a commercial scale, and by that time it is quite likely that the increase of furnaces planned by Granby, Mother Lode and Boundary Falls smelters will have enhanced the demand to such an extent that the re ief afforded will not be as substantial as was expected when the Morrissey coke ovens were planned. The Morrissey pits are producing large supplies of coal, 800 tons per day being the aggregate now said to have been attained, and the output of coal at Fernie and Michel is likewise on the increase. But this does not necessarily mean in-creased output of coke, which is gov-

to their coking plants of sufficient measure to double the present supply of coke the smelting interests throughout British Columbia, or rather n the Kootenays, would feel decidedly more complacent with respect to the cuture. The conditions would certainly seem to justify such action. But it is absolutely essential that the "reserve" shall be removed from that part of East Kootenay now tied up for the C.

eceived sufficient coke to accumulate any reserve, such as is absolutely es ntial as a guarantee against in ruptions of traffic or other misadven-tures that are likely to interfere with the supply of coke. They are "living from hand to mouth" in respect to coke supplies, and the condition is not only unsatisfactory but it is likely to interfere with the arrangement of plans for the enlargment of smelters.
The Northport smelter is in worse shape with regard to coke supplies than any of the Kootenay or Boundary works, and this is deplorable from the ndpoint of everyone interested in prosperity of the Rossland camp district. The Northport smelter essentially a Canadian institution although located a few miles south of the international boundary line—its

those of the Le Roi, Le Roi No. 2, Velvet, etc., and upon the success obtained at the Northport smelter depends the prosperity of Rossiand to a greater exprosperity of Rossiand to a greater ex-tent than is ordinarily recognized. The plant does not have the protection of the clause in the coal company's char-ter whereby Canadian smelters have the first call on Crow's Nest coke, and while the Crow's Nest Coal company has done much toward assisting the Le Roi smelter, the result has not been savisfactory. Coke is now being delivered at Northport at \$6.80 per ton, and if the supply was adequate the plant could treat ores at a figure never before attained. Only sufficient coke is forthcoming, however, to keep three furnaces in operation, the remaining three in the battery being dark. The operation of only one-half of the plant increases the per ton cost of reduction, as is obvious, and this prevents the Le Roi from realizing on those ore bodies in which the values are just a trifile below a certain standard. This means that fewer men are given employment here, and the standing of the camp is indirectly prejudiced in the eyes of the investing world, for there is little doubt that had the Le Roi enjoyed a clean winter's run at the smelter the spring months would have en dividends distributed and the Rossland camp practically rehabilitated on the English market.

What is required is the development of the coal areas contained in the C. P. R. reserve and more coke ovens, and some guarantee should be given at once that this important element in the prosperity of the whole country will forthcoming in the immediate

THE POSTOFFICE.

Alleged Reasons for the Annoying Delay Over the Opening.

The occupation of the new federal building by the postoffice and customs indicated by Robert W. Grigor, that the next three months will see the premises utilized for the purposes intended, but the tedious and exasperating delays that have occurred in the past and which will eventuate before the building is put to use is a painful commentary on the last lack of expedition in the depart-

When the building was turned over to the department by Contractor Bradbury last fall, it was believed that its completion would be only a matter of a few weeks, instead of which months have elapsed without any material advance being accomplished. Only the interior fittings were required to render the premises ready for occupation, but the minister was in Europe and in his absence no one was apparently seized with the authority to order the purchase Up to the present time the smelters of fittings. Ultimately tenders were inhas doubtless been granted ere this. If

Early last March, when Contractor the way of government buildings. Government buildings take, as everybody knows, just about four times longer in onstructing than the buildings put up by private parties. That, howe no reason why the local postoffice should emain as it stands today.

Superintendent R. W. Grigor, who has harge of the building, states that it will be ready for occupation about the middle of March and not by July, as estimate by the postoffice department. Bids for the construction of the interior fixings were opened at Ottawa not later than December last. Who secured the contreet and when he will start work on the interior of the building, is a question that many of the citizens of Rossland

THE UNION JACK PROPERTY. Four and One-Half Feet of Solid

Galena Is Encountered.

(Special to The Miner.) YMIR, B. C., Jan. 20.-The Union ck property, owned and operated by Active Gold Mining company, was always considered a very prom property, but the manner in which is richness is coming to the front is beyond all anticipation. Sunday, in unnel No. 2, on the queen ledge, at a lepth of 60 feet and 165 in, four t and one-half of solid galena ore ras encountered. The ore is remarkable for its cleanness and will un-

doubtedly give good assays, This company has put in an electric power plant, and it is expected that me time this week their drills will be operated by electricity for the first

The success with which this company as met is due to a great extent to Superintendent Cameron. Mr. Cameron is a practical man and always has the pick of the miners to work for him. This company intends in the spring to istall a sawmill to cut timber for

nipment to the Northwest. George Brum, a miner at the Ymir ine, was "peppered" in the face yesterday by a premature blast going off.
While his wounds are exceedingly painful still there is no danger of his eye sight being permanently injured. He is resting easily in the Ymir hospital, and it is hoped that he will soon be injured. out, following his usual occupation

HARD ON DEER-

Further reports from outlying districts as to the devastation wrought among deer this winter by wolves indicates that the slaughter is greater than for many seasons. The heavy snow keeps the deer yarded, and the wolves attack them at leisure. Trappers and prospectors state that the destruction of big game is deployable.

Mining Men

Hunt Methodo With Ammo action

With Merit

Syste

The existence in th Le Roi mine of large grade" ore has natural lem of economical r in such ores upon th proprietary company. kenzie, general mana, matter in hand conti suming his present offi to the company have dealt with the subject Mr. Mackenzie inform

in his opinion the Ber of leaching with an solution presents many This was described a recent article from Janin, Jr., and impre-zie as possessing the commend it to the strongly believe that of recovering values ores will eventually l and that it is emine ecuditions existing in Mr. Mackenzie, referr

In a nutshell the Cranding precess cam Cranding hassed at tion to copper-gold or cason of the strong anide solution to the c of the ore, the result by the result by the result of the ore, the result by the result of the result of the ore than the result of the result as a reactionary agen-tained that exhaustive strated the practicabi teyond the shadow of ITS NUMEROUS

Mr. Janin sums up the Hunt method as fo "1. It brings within anide treatment man "2. In many cases v teing treated its use creased economy thro cyanide consumption. "3. It has the m above the other propo simplicity ordinarily n

"4. The cost of the is not high when c cyanide. Part of the cases, partially be made of copper extracted.

"5. Unlike the acidercous ores are desiral

"6. There is no limit

per contents of the or treated economically un ditions, though with grade copper ores the to be built for ammonia Mr. Janin concludes been had with the pro tails have been worked into general use for oxitailings or ores.
Thus another proces

Thus another processery of values from flow pical of the Rossland the list, with the recom of the best authorities of its practicability.

GRANBY PR

WHAT, BIG BOUN PLISHED DURING SHELL F

THE BIGGER THIS FOR ENSUING Y OF DIVID

The ensuing year is se of bigger things industry for the Gra Mining. Smelting & This is set forth brie cation received by I to the company's rec for the immediate f tion secured, take stement by Jay P me appears as neral manager of ion, respecting the railby dividends pri ion of the first half found of special

is to express ourse that we have me them is a me wledge. In a new