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THE GREENWOOD MINER.

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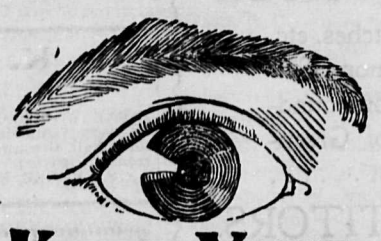

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THE MOTHER LODE

A Description of the Greenwood Smelter.

PAUL JOHNSON'S EXPERIENCE

As a Smelter Manager—The Capacity of the Smelter Will Be Increased.

In 1896 the Mother Lode mineral claim in Deadwood camp, near Greenwood, was bonded by Col. John Weir for himself and Messrs. F. L Underwood and James F. Tichenor, all of New York city, N. Y. In September of that year systematic mining work was begun on the property under the direction of Frederic Keffer, E. M., who has remained in charge ever since.

In the spring of 1898 the British Columbia Copper Company, Ltd., was organized in New York and it at once acquired the Mother Lode and several adjoining claims. Mr. Keffer was appointed general manager for the company and operations were continued but upon a larger scale. Since then the property has been extensively developed until today it is one of the largest and best equipped mines in the Boundary district.

The existence of large bodies of copper-gold ore in the mine having been proved, the question of its reduction engaged the attention of the management, who decided upon erecting a smelter and took steps to carry the decision into effect, with the result that the company is now operating its own reduction works The site of the smelter is at the junction of Copper creek with Boundary creek at Anaconda, which lies immediately south of and adjoining the town of Greenwood. The location is a most suitable one, both as regards its physical conformation, which is generally favorable to the requirements of a gravity system and distance from the company's mine, from which the bulk of its ore supply will come. The mine is distant about three miles and its altitude is 850 feet above that of the smelter, so that there will be no serious obstacle to putting in an aerial tramway if at any time it be found necessary to make such connectionibetween mine and smelter. The C. P. R. company has constructed a branch of its Columbia & Western railway from Greenwood to the mine, passing through the smelter site en route. The conformation of the ground also admits of railway tracks being run to the smelter at three different levels—the highest above the upper ore bins, the middle immediately over the lower ore bins and the "yard" for ores, fuel and fluxes, and the lowest to come in from Columbia & Western main line to Midway, this last below the level of the furnace for convenience in shipping the copper matte. The average elevation of the smelter site above Boundary creek, running below is about 100 feet, so that there is plenty of room for a slag dump. Besides possessing these several advantages, the site is centrally situated for the receipt of custom ores, which will also be treated at the smelter.

Starting from the top of the works the upper ore bins come first. These are six in number, substantially framed with 12x12 sawn timbers and lined with 3x12 planking. They are built in two parallel rows of three each, with a double railway track over them. Each bin has a holding capacity of 500 tons, so that the total capacity of these receiving bunkers is about 3,000 tons. Beyond them a trestle has been built, this and the length over the ore bins providing room for 16 railway cars at one time. An incline tramway connects these ore bins with the sampling mill building, a frame structure 78x65 and 58 feet high. The sampling mill plant includes a No. 5 Gates' crusher, capable of reducing 40 tons of rock per hour to a 3½ inch gauge; a No. 2 Gates' crusher to reduce to a 1½ inch gage and a No. 0 Gates crusher to reduce to a fineness of ½ an inch; four Johnson's automatic samplers; a set of 16x10 Reliance rollers, style B; a sample grinder; a belt and bucket elevator with 10 inch buckets, and other requisites. The upper floor of the sampling mill is 36 feet above the lower and the first and second crushers are set high up so as to allow of the ore not retained by the samplers falling by gravity into the mill ore bins. This arrangement provides that only one twenty-fifth part of the ore has to be elevated and this after it has been crushed to a fineness of 1½ inches. Automatic handling is also secured from the time the ore is dumped into the big crusher until it reaches the bins. The present capacity of the sampling mill is 500 tons in 12 hours, or twice that quantity every 24 hours if run continuously. By extending the main shaft and adding one or two sets of crushers, samplers, etc., the capacity can be doubled or tripled accordingly. The motive power for the mill plant is supplied by a 16x18 Erie engine, rated at 100 horse power at 100 pounds pressure, the steam coming from the main boilers in the boiler house below.

Between the sampling mill and the furnace are the lower or smelter mixture ore bins. These number 12, of similar aubstantial construction to the upper bins. They are arranged in four rows of three each and cover an area of 52x152 feet under one roof. Their total holding capacity is about 6,000 tons. There is ample levelled space on either side to add three or four similar groups of bins when largely extended operations shall require their erection. The existing complex of bins is crossed by two railway tracks, each about 400 feet in length and carried on trestles 21 feet in heighth. Room has been left between these tracks for a third, which will be required later for switching purposes. The provision of these lower tracks allows of ore from the company's mine being dumped directly into the mixture bins without passing through the sampling mill and consequently of economy in handling when large quantities of ore are known, by sampling at the mine, to run sufficiently high in value to make a smelter sampling unneccessary.

The main flue, or dust chamber, has been built below the lower ore bins and at right angles to them. It is 12 feet wide, 14 feet high and 615 feet long, the last part, 215 feet in length, running up the slope of a hill. At the top end a tempory steel plate smoke stack, 6 feet 6 inches in diameter and 90 feet high,

(Concluded on page 3.)

WEST FORK NOTES.

RENDELL, B. C., Feb. 17.—Fisher's mill started on the 12th inst., and has been running since without a hitch, only closing down long enough for the men to rest, They have considerable lumber piled up in the yard, and judging from the many enquiries coming in for lumber, there will be considerable activity in the building line in the near future.

Spencer Bennerman, of the firm of Rickards & Bennerman, Midway, has been visiting us the past week. While here he selected a lot in Rendell and placed an order with the mill company for lumber for a building which he intends to use as a dwelling and office. He expects to return in a few days, and as soon as the building is ready he will engage in the real estate and insurance business.

Mine Host Francis of Beaverton is busy putting up ice for his hotel in anticipation of the coming rush. He claims, and justly too, that it is impossible to give a man a nice summer dring, even with Beaverton whiskey, without a little ice in it.

As a result of the rich strike on the Sallie last week, Superintendent Vacher has put on three extra men. He has now a force of twelve men at work. A. Logan's pack train is kept busy rawhiding the Ore to Beaverton.

C. E. Shaw, James Kerr, Alex. Robinson and Alex. Logan left here Wednesday to locate a pass for the proposed railroad from Vernon.

C. Winters of Camp McKinney, provincial constable and license inspector, paid Beaverton and Rendell a flying visit the past week.

The cold snap which lasted about eight days, has given way to soft, warm weather, and in consequence the teamsters are complaining bitterly about the roads. We would much rather see cold weather for some time yet than lose the sleighing, as there is a large amount of ore yet to be hauled from the Carmi and and the Sallie to the Boundary Falls smelter.

WORKING OVERTIME.

Eight hour laws are ignored by those tireless, little workers—Dr. King's New Life Pills. Millions are always at work, night and day, curing Indigestion, Biliousness, Constipation, Sick Headache and all Stomach, Liver and Bowel troubles. Easy, pleasant, safe, sure. Only 25c at Miller Bros'. and J. L. White's drug store.

MURDER AT DENORO

Harry Rowand Stabbed Saturday Night

BY A DRUNKEN COMPANION

The Accused Appeared Before I. H. Hallett ThurSday and Was Committed for Trial.

Information reached Greenwood by telephone on Saturday night to the effect that a man named Harry Rowand had been killed at the Denoro townsite, Summit camp. Provincial Constable D. J. Darraugh at once went out and, upon learning the circumstances under which deceased had met his death, arrested J. McGill Des Rivieres and brought him to Greenwood. On Sunday morning District Coroner Dr. Jakes, Chief Provincial Constable W. G. McMynn, Dr. Foster, Constable Darraugh and the prisoner drove out to Denoro. A jury was empanelled and evidence taken, which went to show that deceased, a man named Tom Jones and Des Rivieres had been drinking together in the cabin of the last named; that they had drunk two quart bottles of whiskey; that Jones went to sleep and half an hour afterwards was awakened when Des Rivieres told him that Rowand was bleeding and asked him to get a doctor; that they went together to a hotel near by and informed the occupants, when J. Olson and others went to the cabin and found that Rowand was dead. Des Rivieres exonerated Jones from all blame in the matter, admiting that he stabbed Rowand, but claimed that he did so in self-defence. Dr. Foster found a superficial knife wound on deceased's right breast and a deeper wound high upon the left side, the latter having caused death. The jury found that deceased came to his death by wounds caused by the prisoner.

Rowand is described as a man about 30 years of age, well developed and good looking, and of good education and family. His mother lives in Toronto and he has other relatives in Canada. He worked for some time at the Mother Lode mine and later at the B. C., in the neighborhood of which latter he met his untimely death. Both he and the prisoner worked last year on the C. P. R. surveys in this district. Des Rivieres is a Frenchman of about 40 years of age.

On Thursday last, a preliminary hearing was held in the city hall, before Police Magistrate Hallett, when all the evidence in the case was taken and the prisoner committed for trial. It appears that the accused was made the butt of local wits around Denoro, and being of an excitable nature while under the influence of liquor, committed the deed while in an excited state.

The accused is well educated, refined and sociable, and his present trouble may easily be attributed to the too free use of intoxicants.

R. Marpole, general superintendent of the Pacific division of the Canadian Pacific railway, accompanied by H. E. Beasley, formerly superintendent of the Kootenay division, and F. P. Gutelius and J. S. Lawrence, engineer and trainmaster respectively of the C. P. R's. Kootenay and Boundary district lines, reached Greenwood on February 19th, on a visit of inspection in the Boundary. About a year ago Mr. Beasley was transferred from Nelson, B. C., to a position in the office of the vice-president at Montreal. Now he is under instructions to assume the office of superintendent the Cascade and Thompson sections of the Pacific division, with headquarters at Vancouver, in succession to W. Downie. The last named official, after many years of efficient service on the coast, has been appointed superitendent of the Kootenay-Boundary division, which is just growing in importance. The present superintendent, Capt. J. W. Troup, goes to Vancouver, in the capacity of manager of the C. P. R. company's coast steamship lines.

BUCKLEN'S ARNICA SALVE

Has world-wide fame for marvellous cures. It surpasses any other salve, lotion, ointment or balm for Cuts, Corns, Burns, Boils, Sores, Felons, Ulcers, Tetter, Salt Rheum, Fever Sores, Chapped Hands, Skin Eruptions: Infallible for Piles. Cure guaranteed. Only 25c at J. L. White's and Miller Bros'.

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GREENWOOD, B. C.

Greenwood Postoffice Mail Service.

On and after Monday, October 15, mails will arrive and be dispatched as follows: Mails close for all points east and west at 1:30 p. m.

ARRIVE.	CLOSE.
Phoenix.....1:30 p. m.	.....1:30 p. m.
Anaconda.....1:30 p. m.	.....1:30 p. m.
Deadwood.....8:30 a. m.	.....8:30 a. m.

THE GREENWOOD MINER.

Published every Friday evening at Greenwood, British Columbia.

J. W. GRIER..... Manager.

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SATURDAY, FEBRUAR 23. 1901.

With the blowing in of the Greenwood smelter on Monday last commences a new era in the development of the mines in Deadwood, Copper, Skylark, Providence and West Copper camp. Those prospectors who have held onto their claims for years will now be in a position that they can either sell or ship sufficient ore to pay for development. Whether the Greenwood smelter has all the modern improvements or not, is a matter that does not affect the average prospector to any extent, so long as Paul Johnson is able to convert ore into matte, This, we believe he has been successful in accomplishing, and it may safely be said that the smelter is a success.

The Miner would respectfully draw the attention of the manager of the Greenwood smelter to the fact that Canadians have never yet been known to steal a smelter furnace while in full blast, so his precautions in keeping the public off the smelter grounds are really unnecessary. The public of Greenwood have no intention of moving the smelter from its present site, neither have they any intention to carry off any large quantities of red-hot matte. The Miner might also suggest to Mr. Johnson that had the smelter covered a smaller area, the cost of fencing would have been much less. When the Granby smelter was blown in, the public were allowed free access to all parts of it. Hundreds of people visited it during the first week, and the management did not miss any machinery or matte, so it may reasonably be supposed that the people of Boundary district are more honest than those with whom Paul Johnson has previously been in the habit of associating.

Just now the newspapers of British Columbia are much exercised over the possibility of Jim Hill getting control of the coal beds of East Kootenay, with the result that the coal and coke output of the district will be diverted to the United States, and our smelters be compelled to buy fuel elsewhere. It appears that Jim Hill is applying to the Dominion house for a charter to extend his lines into Canadian territory. These extensions would enter into competition with the C. P. R., and as a large majority of the people favor railway competition, it would not be policy for the papers under the control of the C. P. R. to advance this argument, so they have started the cry that the ultimate result of the extension of Jim Hill's system into Canadian territory will be to shut down the smelters now in operation, owing to the fact that the coal and coke output of Canada will be diverted to the United States. There is very little danger of the smelters of Yale and Kootenay having to shut down on account of scarcity of fuel, at all events the people are quite willing to exchange a few million tons of coal and coke for the privilege of competing railway lines.

HAD TO CONQUER OR DIE.

"I was just about gone," writes Mrs. Rosa Richardson, of Laurel Spring, N. C., "I had Consumption so bad that the best doctors said I could not live more than a month, but I began to take Dr. King's New Discovery and was wholly cured by seven bottles and am now stout and well." It's an unrivaled life saver in Consumption, Pneumonia, La Grippe and Bronchitis; infallible for Coughs, Colds, Asthma, Hay Fever, Croup or Whooping Cough. Guaranteed bottles 50c and $1.00. Trial bottles free at J. L. White's and Miller Bros'. drug store.

CITY COUNCIL.

At the regular meeting of the city council Monday night there were present the mayor and Aldermen Caulfield, Naden, Ross, Sullivan and Sutherland. After reading and adoption of minutes of previous meeting the following communications were read and disposed of:

Letter of A. D. Hallett in reference to payment of men turning out to fires was referred to finance committee.

Letter from Dr. Schon, medical officer of health was referred to board of health.

On motion of Alderman Naden, seconded by Alderman Caulfield, the city clerk was appointed assessor and collector, for which he will be allowed an additional salary of $75 per annum.

Moved by Alderman Naden, seconded by Alderman Sullivan, that assessment roll be made returnable on 18th March

The fire and light committee recommended that wood at cemetery be sold to C. J. McArthur.

Finance committee roported sufficient funds on hand to meet expenses of Waterland case.

Street committee recommended that Sprott & Macpherson be allowed to place sign post on street.

Moved by Alderman Naden seconded by Alderman Caulfield, that fire team be dispensed with. Aldermen Caulfield, Naden and Ross voted for the motion and Alderman Sutherland against.

C. J. McArthur was granted use of fire team. Council then adjourned.

A FIREMAN'S CLOSE CALL.

"I stuck to my engine, although every joint ached and every nerve was racked with pain," writes C. W. Bellamy, a locomotive fireman, of Burlington, Iowa., "I was weak and pale, without any appetite and all run down. As I was about to give up, I got a bottle of Electric Bitters and, after taking it, I felt as well as I ever did in my life." Weak, sickly, run down people always gain new life, strength and vigor from their use. Try them. Satisfaction guaranteed by Miller Bros. and J. L. White. Price 50c.

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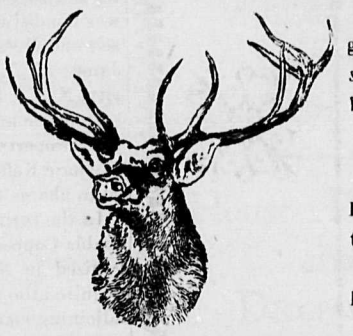

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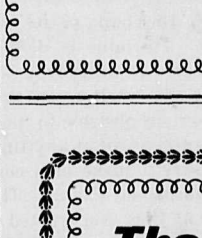

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GREENWOOD LODGE No. 28, A. F. & A. M., G. R. B. C. Regular Communication in Masonic Temple, Government street, first Thursday in each month. Sojourning brethren invited.

C. SCOTT GALLOWAY, W. M.
M. E. MILLER, Secretary.

W. F. OF M.

WESTERN FEDERATION OF MINERS—The Greenwood Branch of the Federation meets hereafter in Union hall, Silver street, at 7:30 p. m. every Saturday evening.

M. H. KANE, Secretary.

K. OF P.

GREENWOOD LODGE NO. 29, K. OF P., meets every Wednesday evening at 7:30 in the Masonic hall, Greenwood. Sojourning brethren cordially invited. D. A. MACKENZIE, C. C.
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E. R. REDPATH. Agent, Greenwood.

J. S. Carter, D. P. A., Nelson, B. C. E. J. COYLE, A. G. P. A., Vanc.

Certificate of Improvements Notice.

PLUTO MINERAL CLAIM.

Situate in the Kettle river Mining Division of Yale District. Where located—In Deadwood camp, adjoining the Peacock mineral claim.

Take notice that I, Sydney M. Johnson, as agent for M. M. Welch, free miner's certificate No. B8.189, John P. Anderson, free miner's certificate No. B29.767, and Frederic Keffer, free miner's certificate No. BA8,297, intend, sixty ays from the date hereof, to apply to the Mining Recorder for a certificate of improvements, for the purpose of obtaining a crown grant of the above claim.

And further take notice that action under section 37, must be commenced before the issuance of such certificate of improvements.

Dated at Greenwood, B. C., December 20, 1900

51-9 SYDNEY M. JOHNSON

THE MOTHER LODE

rises from a brick base. The solid rock has been levelled for 35 feet square for a permanent brick stack. The top of the present stack is 190 feet above the furnace floor, flue and stack giving an effective draught. The flue has thick masonry walls, the lower part lined with brick and the whole arched over with brick. It is sufficiently large in both cross section and length for six furnaces and also to take the fumes from the Bessemer works that will be put in later.

The blast furnace house is 58x45 and 42 feet to peak of roof. The lower part is of structural iron plates one inch thick for a floor in front of the furnace. The feed floor is 15 feet 6 inches above the lower floor and is also of cast iron plates. These iron floors will be fireproof against matte explosions and will allow of large settling pots being put in later, without danger of fire from radiation of heat when converting the copper matte. A double platform elevator, with a capacity of 4,000 pounds, will serve to lift cars of slag, matte, etc., from furnace floor to feed floor. The water-jacket blast furnace has a stated capacity of 250 tons. Its dimensions are 42 inches wide by 150 inches long inside at the tuyeres, of which there are 10 at each side of 3½ inches diameter. The down-take pipe goes from the furnace at 12 feet above the feed floor up about 15 feet and then down into the main flue. Two patented Johnson fore-hearths, settling pots, slag pots, charging barrows, an eight-beam Fairbank's charging scale and other accessories make up the furnace house equipment.

The main air blast pipe is of No. 12 steel, 48 inches in diameter and 123 feet in length. It has 30-inch branches for connecting with blower and furnace respectively. It has several blind heads to admit of connection with other blowers when these shall be put in. Water for cooling the furnace jackets, granulating the slag, and for other purposes about the smelter, is brought from Copper creek through abobt 3,000 feet of 8 inch steel pipe, carried on trestles in a box flume packed with sawdust to prevent freezing. The water is delivered at the smelter at a pressure head of 115 feet. An alternative supply will, in case of need, be pumped up from Boundary creek, through 500 feet of 6-inch pipe, by a Prescott low service duplex pump, 7x10x12, worked by steam from a 50 horse power vertical boiler.

A building 100 feet long by 45 feet wide, divided into two compartments 60x45 and 40x45 respectively, houses the engine, blower, electric light plant and boilers, the last mentioned occupying the smaller division. The high pressure cylinder of a cross compound Reynolds Corliss engine, 16x36, rated at 150 horse power with 100 pounds steam pressure has already been installed and the foundation for the other half has been prepared. The balance wheel of this engine is 16 feet in diameter, 33 inch face and weighs approximately 19,000 pounds. The Connersville blower is especially designed for a copper smelter. It is described as a horizontal top-discharge involute blower, having a displacement of 80 cubic feet of air per revolution and will run satisfactorily 150 revolutions per minute at 32 ounce pressure. Space has been left for a second blower when it shall be required. The electric light plant includes a 250 16 c. p. light, Racine automatic dynamo 15 k. w., to run 350 revolutions per minute; engine, 8 inch diameter by 8-inch stroke. There are three 66 inch by 16 feet horizontal return tubular boilers, each 100 horse power, to stand a pressure of 130 pounds of steam. Other plant in the boiler room embraces a Reynolds' patent feed water heater, 36 inches by 9 feet 4 inches, a Metropolitan injector No. 13, capable of feeding 300 horse power boilers, and a Prescott duplex boiler feed pump, 6x4x6.

A blacksmith's shop 30x21, a carpenter's shop 40x24 complete the group of smelter buildings, which are roofed with corrugated iron, as a precaution against fire. A two-story building, 78x40, situate a short distance from the works, contains the office of the superintendent, the assay office and laboratory, and rooms for the chemist and assayer. Near by is the superintendent's residence, a neat villa of modern style, and across Baundary creek, in Anaconda, is the smelter general office.

Although the B. C. Copper Company had some time previously obtained an option on the ground, the site for the smelter was not definately decided upon until after it had been examined by Paul Johnson, E. M., who afterwards designed the smelter, directed its erection and equipment, and is now operating it. Mr. Johnson's connection with smelting commenced in his native land, Sweden, whence he went about 50 years ago to New York, where he secured a responsible position with the Oxford Copper Company. Returning to Sweden, he built copper works in Halsenburg, where he remained five years, going thence to South America where, in 1889-90, he was manager of some gold mines in the Argentine Republic. Next he returned to the United States and became superintendent of the smelting works at the Ely copper mine, Vermont. Following this he was assistant superintendent of the Consolidated Kansas City smelting works at El Paso, Texas, and then superintendent of branch works under the same proprietary. Later he was with the Kansas City Smelting and Refining Company, near Kansas City, proceeding afterwards to Leamington, Utah, where he built a lead smelter for F. L. Underwood, now a leading member of the B. C. Copper Company. In 1895 he was with the Hall Mines Company, at Nelson, B. C., where he built in three and a half months the first copper furnace erected in the province. Two years later he went to Aguas Calientes Mexico, where he re-built copper and lead works for M. Guggenheim's Sons. After erecting a smelter for the California Copper Company, at Madera, California, Mr. Johnson undertook the work he is now completing, and which he will, in all likelihood, have opportunity during the current year of enlarging and developing into one of the most successful copper producing establishments in Canada.

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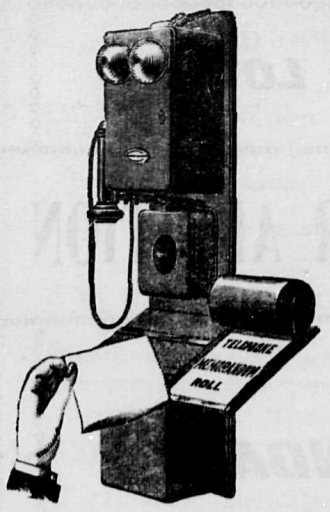

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LOCALS AND PERSONALS.

A Crowston made a business trip to Nelson this week.

King Kennedy, the ventriloquist will give an entertainment in Greenwood on the evening of the 28th inst.

There will be a regular meeting of the Greenwood Liberal association in the city hall, Wednesday evening, 27th inst, at 8 o'clock. Important business.

Dr. H. W. Keith, who has been in the city for the past two months, left yesterday to take a position on the medical staff of the Crow's Nest Pass Coal Company, at Fernie.

The semi-annual election of officers of Greenwood Miners' Union No. 22, W. F. M., will be held in the union hall on Saturday next, March 2. Poll will be open from 3 to 9 p. m.

James C. Dale returned this week from his old home in Illinois. He was accompanied by a brother and four nephews, who intend going into the sawmill business at Carmi. The party left Tuesday for the West Fork.

Arch. Dick, inspector of mines, has been inspecting some of the Boundary district mines. On the 18th inst he was at Phoenix, where he visited several mines. Next day he went to the Mother Lode mine, near Greenwood, and later to the B. C. mine, near Eholt. The Crow's Nest Pass coal mines will next have his attention.

J. H. Ashdown, hardware merchant, of Winnipeg, was in Greenwood on February 18th. It is understood that his visit to the Boundary district was primarily in connection with the Wynkoop-Stephens Company's general mercantile business at Phoenix. Jas. Lawrence, of the Lawrence Hardware Company, Nelson, B. C., in which Mr. Ashdown is also interested, has, too, been at Phoenix on similar business.

The Greenwood board of trade will will give a banquet to delegates of associated boards of trade in the Windsor hotel on the evening of March 1. Tickets $10. The affair will be select, as only editors, bank robbers, and roulette dealers can afford to pay $10 per plate.

Smith & McRae are bringing out postal cards, having on it views of the B. C. Copper company and Standard Pyritic smelters. They will arrive before the meeting of the associated boards of trade, and being particularly appropriate at this time are sure to have a ready and extensive sale.

W. S. Keith, formerly part proprietor of the Greenwood Miner, who was a few weeks ago appointed a preventive officer in the customs department and stationed at Greenwood, having been accepted for service in South Africa, has resigned his local appointment, and left yesterday, in company with F. B. Smith, en route to the scene of his new duties.

Information has been received at Greenwood that Angus Stuart, for several years connected with the provincial press on the coast and in the Okanagan and Boundary districts, and who was British Columbia's official representative at the Paris exposition, is to act in a like capacity at the exhibition to be held this year in Glasgow, Scotland. Mr. Stuart is at present in Ottawa.

E. J. Wilson, metallurgist in charge of the blast furnaces at Great Falls' smelter, Montana, has resigned that position to become superintendent of the Standard Pyritic Smelting Company's smelter near Greenwood. Thos. Anderson, accountant, lately assistant secretary-treasurer of the King Mining Company, Rossland, has been appointed accountant of the same company.

John Rogers of Grand Forks was in the city this week. He has lately taken over the management of the Pathfinder mine, on the North Fork. Active development has been sesumed on that property. Part of the business which brought Mr. Rogers to Greenwood was to make arrangements for the treatment of Pathfinder ore at the Pyritic smelter. Regular shipments will be made as soon as the snow leaves the ground. The ore will be hauled from the mine to the Humming Bird spur, and from there on the railway to the smelter.

It is announced that a contract has been entered into between the Morrison Mines, Ltd, and the Standard Pyritic Smelting Company, which binds the former to deliver to the latter 3,000 tons of ore per month for a period of 12 months, delivery to commence immediately after the completion of the work of putting in a spur from the Columbia & Western railway company's Deadwood camp branch to the Morrison mine. It is stated that this spur is to be constructed forthwith and that ore shipping may be expected to commence in March.

Gilbert Mahon, manager of the Jewel mine, in Long Lake camp, Boundary district, will probably leave for England shortly, to confer with the management there of the Jewel Mines, Ltd., as to the installation of a suitable plant for the treatment of the ore and the resumption of an active policy of development of the mine, which is regarded as about the most promising gold-quartz property in the district. About 2,500 feet of work have already been done in underground development and a large quantity of ore has been blocked out ready for stoping. Mr. Mahon has taken an option for a one-half interest in the Denoro Grande, in the same camp, for $25,000.

H. R. Kirkpatrick, representative in the Boundary district of the Jas. Cooper Manufacturing Company, Ltd., of Montreal, is now, in the absence in the east of R. A. C. McNally, the firm's Rossland agent, looking after its business in the latter town. He spent a few days in and around Greenwood about the middle of February, having come over particularly to see the starting of the 35-drill air compressor manufactured by his firm and lately installed at the Mother Lode mine, near Greenwood, for the British Columbia Copper Company. Jas. D. Sword, who previously represented the firm at Rossland, has returned from the east, and on the 20th of February arrived in Greenwood, on a business visit in the firm's interests.

PRESENTATION TO J. ANDERSON

On Friday night, the 22nd inst, a presentation was made to Jas. Anderson, who for some time past has been manager of the Greenwood branch of the Bank of British North America, and who today leaves for Rossland to take charge of the bank's branch in that town. The presentation took place rt the Imperial hotel, Greenwood, where Mr. Anderson was entertained by a number of personal friends. The gathering was of a very cordial though informal nature and was presided over by Duncan Ross, editor of the Greenwood Times, who during the evening called upon Frederic Keffer, E. M., general manager of the British Columbia Copper Company, to present the guest with a gold watch chain and locket. This Mr. Keffer did, accompaning the presentation with some remarks expressive of the high esteem in which Mr. Anderson was held, both in his official and private capacity. Other gentlemen testified to the worth of their guest both as a useful citizen and a good friend. After a couple of hours had been spent very sociably, Mr. Anderson, who leaves on today's train for Rossland, was bidden "God speed" and the company sang "Auld Lang Syne" and then dispersed. During the evening a heaaty welcome was extended to W. G. H. Belt, Mr. Anderson's successor. The locket given to Mr. Anderson bore the following inscription, on one side: "James Anderson. A token of friendship Greenwood, B. C., 1901," and on the other: "Better lo'ed ye canna be. Will ye no come back again."

Note 45 day removal sale at the O I C second-hand store.

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APPLICATIONS will received by the undersigned up to February 28th, for the position of Fire Chief and Sanitary Inspector combined, for the City of Greenwood. Salary $90 per month and free room.

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