



MINES AND MINING

FROM THE YUKON. General Manager Bernard Macdonald Returns From the Frozen North.

Bernard Macdonald returned Thursday morning from a visit to the White Pass, where he has been for the past few weeks in the interest of the British American corporation. He was reticent as to the outlook for the properties of his corporation, pending his report to the directors, but was loud in his praise of the mineral wealth of the district. He said that the output for the year would amount to about \$20,000,000 but thought it was not improbable that this output would be increased by at least \$10,000,000.

A BIG CONSOLIDATION. Fifteen or Twenty Millions Involved in the Deal.

At Montreal a few days since Mr. S. H. C. Graves was interviewed and made some important revelations concerning the plans of the Miner-Graves syndicate. He stated that within the next six months the Knob Hill, Old Ironsides, The Grey Eagle, and the Granby Consolidated will be consolidated into one company, with a capital of fifteen or twenty million dollars.

The next is that, following this consolidation, steps will be taken to build a refinery at or near Grand Forks, which will save at least four and one-half cents in every pound of copper smelted. The capital required will be about \$1,000,000, and it will probably start within six months.

Mr. Miner says that although their furnace, which was started the other day, the capacity is now 200 tons, and when the second furnace starts next week the daily capacity of the Granby will be not less than 600 tons of ore daily.

"What is the value of the ore you are now treating?" Mr. Miner was asked. "I am not at liberty to answer that question, being in the position of a business man who does not care to publish his daily profits to the world. I may say, however, that when our reports are published they will be found eminently satisfactory to our shareholders. We are not sorting the ore, and there is a good profit out of every ton that is going through the smelter. I will go further and say that we have been successful in demonstrating the fact that ore as low as \$5 can be treated at a profit."

ON CHEAP SMELTING. What the Victoria Mining Record Has to Say About It.

Appropos of cheap smelting in Boundary creek it is clear that the copper ores of this district are susceptible of treatment at a much lower cost than those of Rossland. There is more copper in them in the first place. The chief part of the values from a number of the "Boundary" properties is in copper. In addition to this there is enough lime in the ores to make them practically self-fluxing. There is a steady flow of lime rock from Kootenay lake to the Trail smelter every day of the year for fluxing purposes. The cost of reducing the ore is thereby added to considerably. At the Northport smelter the supply of the tramway is not found adequate and lime has to be shipped to that point also. Another difficulty with the Rossland ores has always been lack of copper to collect the gold. Ore containing a high percentage of copper has always been in great demand both at these points and at Nelson. A Rossland mine owner who had a chute of solid copper

RECORDS BROKEN. Tremendous Output From the Camp—Future Prospects.

There is the usual scene of activity upon Red Mountain and the various mines on the Rossland slope of the hill and in the gulch facing the Black Bear are preparing for greatly increased shipments in the near future. It is probable that within the next few weeks that the number of shippers will be augmented by both the War Eagle and the Rossland Great Western. In addition to these there are big deals pending which may mean a considerable addition to the output of the camp. The revival of the stock market in the east, the lull in the hostilities in China and closing scenes of the Boer war are all having their due effect upon the mines and investors of the camp and there is every prospect of the beginning of an exceedingly prosperous time. As far as the actual work of the mines in the camp, although there are a good many items of interest as they are all upon the usual lines mapped out by the respective managements there is nothing of any especial noteworthy character that calls for separate mention. The high assays of \$126 in gold obtained from the ore from the New Star Elmo is encouraging.

The Output. After a lull of upwards of seven months the Rossland output has again advanced a stride. The shipments of the week break the record for the sources made last February with 6,206 tons by over 700 tons. The output for the week just past is 6,300 tons on a close estimate.

This was made up of a shipment from the Le Roi, which is more than a thousand tons below its record of the summer and by an output from the Centre Star of over 2,200 tons. Besides these there are other but minor contributions from mines which will yet estimate their weekly output by the thousands. As the Le Roi can and will within the next few weeks, as soon as all the necessary arrangements are made, increase her output to something very closely approximating 1,000 tons a day and as the Centre Star can also considerably increase its output as the time goes on, it will be seen that from the sources alone that the output is likely to approach 9,000 tons weekly. When in addition to this is calculated the output of the War Eagle, shortly to resume shipments; that of the Le Roi No. 2 and the Rossland Great Western, which should make its initial shipment this month and whose commencing output is estimated by the report of the general manager to the directorate at no less than 4,000 tons weekly, taken together, when all these sources are taken together with the Iron Mask, Giant, Evening Star and I. X. L., it will be seen that 10,000 tons weekly output in the near future is an estimate well within the mark.

Table with 3 columns: Mine Name, Week-Tons, Year-Tons. Includes Le Roi, War Eagle, Centre Star, Iron Mask, Le Roi No. 2, I. X. L., Evening Star, Monte Christo, Iron Colt, Spitzee, Total 6,300.

Le Roi.—On the surface of the mine the work is in connection with the introduction of the machinery which is to save the effect of greatly reducing the cost of mining to a figure as yet unprecedented in this camp. The foundations of the standards of the tramway have been cut and laid and the erection will be proceeded with this week, it is probable. The headworks of the big hoist are still in process of assembly, and the setting up of the big rock crusher will be the next of the machinery to go in. A large 300-gallon water tank has been erected on the hill side above the hoist, which will be connected by piping laid through the power compartment of the big shaft and brought and connected with the surface on the Black Bear through the tunnel. This will afford fire protection to the expensive plant constructed. The estimated pressure at the nozzle is estimated at 150 pounds of head. The accident at the new shaft beyond interfering with the deepening of the shaft for the time being, is doing little to obstruct the work, as the eastern compartment still remains for the shipment of timber and the conveyance of the men to their work. All the ore is at present brought up out of the shaft to the hoist, as the enlarging of the shaft is still proceeding on the old lines in the same places. The lower levels are being pushed and connections are generally being made between the various ore bodies.

A FIND ON THE DUNDEE. A Second Rich Lead of Ore Has Been Discovered.

Mr. R. A. O. Hobbes, secretary of the Dundee Mining company, reports that an important find has been made. The find has been made on the claims of the company at a point north of the ledge which the company has had hitherto operated. The new lead has been traced for a length of 2,000 feet and has been opened by cuts and shallow shafts. Samples of ore have been assayed from these shafts and give returns of from \$10 to \$128 to the ton in gold and silver. The lead is so strong and so wide and the values are so high that there is good reason for the belief that it is richer than the one on which operations have hitherto been continued.

In the Nelson Division. Mr. J. R. Cranston has returned from a visit to the Boronite Bank, which is located near Nelson. In the bottom of the shaft, which is 85 feet deep, a find of free gold was made the other day. It was in white quartz. On the Juno, which is near the Boronite Bank, work is to be resumed on Saturday with a full force of men. The Athabasca, which is north of the Boronite Bank, will make a wonderful cleanup this month. It is thought it will be larger than any hitherto made. On the Harvey Joy, which has the same leads and which adjoins the Boronite, some fine looking ore has been found. On the Francis J a tunnel is being driven to tap the shaft, which is 40 feet deep. At the 40-foot level the ore averages \$38 to the ton. There are a great many prospectors in that country, and some fine finds are being made.

The Tamarac Will Ship. It is the intention of the management of the Tamarac to commence the shipment of the ore on its dumps as soon as the tramway is finished. There are between 2,000 and 3,000 tons on the dumps which can be shipped at any time. The ore is of a good grade and will net a considerable profit.

Mr. William Clague of the Anaconda (Mont.) Standard, is in the city on a visit to his brother.

Oriel Mining and Milling Co., Limited Owing the Good Hope Group, Ymir, B. C.

Fifty thousand shares are now offered to the public at 15 cents. The property is one of exceptional merit, having a clearly defined vein traceable for 2,000 feet. Samples taken from various points on the outcrop from the main workings at a depth of 70 feet give excellent values averaging \$26 in gold. The ore is of a class that can be readily treated on the ground by milling and cyaniding.

Rossland, B. C. Rolt & Groan

ACCIDENT INSURANCE

P. A. Daggett & Co., general agents of the Maryland Casualty Co., writes all forms of Personal, Accident and Miners liability insurance. Assets, \$2,232,000. Surplus to policy holders, \$1,434,000. SPOKANE, WASHINGTON

The Rossland Miner's MAP

It is the most complete and elaborate map of Rossland and the surrounding country that has been published. It is finely lithographed in several colors on the finest and most durable paper.

Send orders to..... The Rossland Miner Printing and Publishing Co., Limited, Rossland, B. C.

Accurate

The map is almost a photographic picture of the Rossland camp, with the exception that it is produced in colors and shows the country as it is in the early summer. No expense has been spared to make this map a really first-class production of artists, engineers and engravers. Two skilled, active and experienced men were constantly employed on the work for three months.

Complete

Renew your subscription to the ROSSLAND WEEKLY MINER by paying \$2.10—the 10 cents to cover cost of mailing—and receive a copy of this beautiful map.

WAR EAGLE HOTEL. Presentation to Mr. and Mrs. Morrison on Their Leaving the Hotel. It has been decided by the War Eagle Hotel company that the hotel and the management of the hotel and the superintendent of its accounts throws too much work upon the staff of the mining company, and it has been arranged in consequence to lease the hotel to Clarence E. Chittenden, who has been running the Josie boarding house and who will take over charge some time during the week. The lines on which the boarding house and dining room have been heretofore run will remain the same. The present manager and his wife, Mr. and Mrs. Morrison, who have been with the War Eagle for a considerable period, were the recipient last evening of a complete silver tea set, including spoons, which was presented to them by the mining and office messes. The plans of Mr. and Mrs. Morrison, now that they are severing their connection with the hotel company, are not at present decided upon as to whether they will leave Rossland or not.

Mr. D. McG. Gandler left last night for the south, where she has been sent under doctor's orders, the rarified atmosphere at this altitude being troublesome to her constitution. Her husband accompanied her on her journey, going as far as Spokane.

A CHAT WITH J. M. IS HERE TO LA MINING IN Progress of the Work of This Company—Okanagan Valley.

Mr. J. N. Robinson (Canadian American Development company from Peachland. The Jose group, 12 miles deep creek, and he is in the process of arranging for work upon them. claims in the group of 350 feet of work do including a shaft 85 feet to the bottom of the 200 feet. The result fully demonstrated the meanness of the vein, was not encountered a shaft was sunk on the ore shoot came shaft was sunk 50 feet made for about 30 feet 15 feet wide carrying was found. The ore \$45 to the ton. It is carrying considerable. "At the mining of which is 16 miles land," said Mr. Robinson claims ready for the surveys have Silver King, one of properties, we have 200-foot level. The shaft into the mountain vein is from five to 20 perfect walls at that in the ore run from. The ore is gold-copper having made a great construction of a camp. The company machinery as soon as completed. The hoisting done with a horse expensive. On the also owned by our work has been done group, nine miles of tunneling and done. At each of smith shops have tools provided. Dr. associates, of Spokane property near Glen quite promising, and in the vicinity of developed by pros Hewitt Mining com ters at Vernon, sp in developing a gro Peachland. The ore a high grade, some as 21 per cent copper. "In the Okanagan city of Kelowna, is a great success. ager of the cigar was in Montreal tobacco men were tobacco they have. that they have off can be furnished said to be superior in the east. This petus to the raising section and the a be considerably lan "Adjoining Peac land is under irrig brought a distance sub-canal are now every acre can be owned by the Pen any. It is being acre tracts and is orchards. The lan suitable for the re all kinds. A good peaches were ship points along the in season. In time ply all of Br peaches." Mr. Robinson is and will remain in or three days.



Rossland Weekly Miner.

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THE SUBSCRIPTION PRICE OF THE WEEKLY ROSSLAND MINER for all points in the United States and Canada is Two Dollars a Year...

KRUGER'S INGLORIOUS FLIGHT.

The curtain will soon be rung down upon the war in South Africa, for one of the principal actors in that bloody drama has just made an inglorious exit from the stage. Paul Kruger, the president of what a few days since was called the Transvaal republic, has left Lorenzo Marques for Europe, carrying with him a considerable stock of gold.

never be inhabited by another man who will bring it so much misfortune as you have.

GOOD ROADS ASSOCIATION.

The Kamloops board of trade took a step in the right direction when it called a convention, to be held on the 27th instant, for the purpose of organizing a Provincial Good Roads Association...

THE REVIVAL COMMENCES.

The Miner is pleased to note that the Kootenian says that "mining in the Slocan and Asinowath divisions is distinctly reviving."

A CANDID ADMISSION.

The Toronto Telegram in its editorial column, speaks of the triumphant tour of the New Westminster lacrosse team. It is such a manly, square acknowledgment...

THE CONSERVATIVE NOMINEE.

It will be a source of gratification to the people in this town, and to the people throughout the Kootenays, to know that the Conservative convention has made such a wise selection as it has in the person of Mr. A. H. MacNeill as their representative...

It is evident, however, that in selecting Mr. MacNeill that the convention was at its wits ends to find a man whom it could present to the constituency as one who would counterbalance by his personal qualities the elements which are strong against the Conservative party.

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RELIABILITY OF THE STAMP MILL.

The Venus mill near Nelson has closed down. The management, it is understood, is satisfied that the rotary quartz mill put in some months ago is a failure and that it cannot be further used to advantage.

THE COAL MINERS' STRIKE.

The big strike of the anthracite coal miners is on and 78,000 miners are involved and they are to be joined by another 70,000 or more and this will make it the greatest strike yet known in the coal mines of the United States.

are higher than they have been for many years, and the profits of investments in coal property are in excess of those obtained in other periods.

To this the operators have entered a general denial and claim that the competition in bituminous coal is hard upon them. They further allege that though present prices are somewhat higher than in the past still it is claimed that these are not large enough to justify an increase in wages.

Besides the workers have made some other demands. They wish to have the "company store" system abolished and ask that they be paid twice a month.

A LABOR CANDIDATE.

The determination of the Labor Unions, as given expression to at the meeting held last evening, to nominate a candidate for this constituency, will complicate the political situation here to a very considerable degree.

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A HAD MINE FIRE.

Miners Narrowly Escape Death in a Conflagration. Heaverton, via Greenwood, Sept. 12.—(Special.)—A great loss of life and property was narrowly averted early yesterday morning on the Boundary & Heaverton company's property on the West Fork of Kettle river from a fire which at one time threatened to be a great disaster.

The principle of the stamp is that the shoes in falling strike a series of blows and rock, being more or less brittle, is shattered by the blows much as glass is by the impact of stone.

It is no wonder, therefore, that the Venus is about to replace its rotary mill with a stamp mill. It is certain that the results will be far more satisfactory with the stamp mill, which has stood the test far back into the time when the memory and the history of man runneth not to the contrary.

TRUE FISSURE VEINS.

No term in the entire vocabulary of mining and metallurgy has probably been more abused nor more unworthily used than has "True Fissure Vein," unless it be that kindred and equally overworked and abused expression "Increasing Richness with Depth."

Prospectuses without number have used and are using "the true fissure vein" as a bait, and as the open sesame to the guileless investor's pocket.

A number of very reputable eastern capitalists have, during the past year, continued glowing prospectuses and advertisements of zinc propositions in the southwest, with the Joplin District, Mo., of course, as the center.

The fact that many of the fissure veins of the Rocky Mountains and Pacific coast regions have contained rich deposits of precious metals has made this term "true fissure vein" an easy one to be used on the unwary.

Properly used, the term "true fissure" is useful and very descriptive, but where used as an incantation to call up visions of wealth extending to unlimited depths it needs suppressing.

A BIG HOTEL.

Building Operations at Bolster Are Active. Bolster, Wash., Sept. 15.—(Special.)—Rapid progress is being made on the construction of the new hotel and it is hoped to have the same ready for occupancy within three weeks.

DEATH OF MRS. BOYD.

She Leaves Ten Children and a Husband to Mourn Her Loss. Mrs. Sophie Boyd, wife of Mr. John Boyd, the well-known wood dealer, died at the family residence, Spokane street, last evening after a lingering illness, from stomach affections.

It is stated that the West End Tennis Club is making arrangements for the getting up of a tennis tournament, which is to be played off before the close of the season.

Work of Finding Homesteads on the Reservation. Bolster, Wash., Sept. 15.—(Special.)—Charles Tamin, of the firm of Tamin & Adams, land surveyors, stated today that the corresponding of the Miner that the firm had located over 100 proposed settlements on the reservation.

LOCATING SETTLERS.

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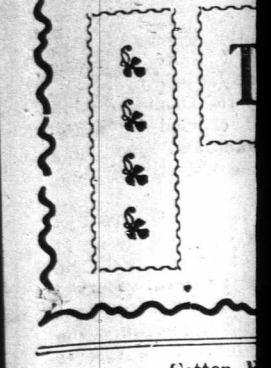
THE PYRITIC SMELTER.

Land Being Cleared Ready For the Buildings. Boundary Falls, Sept. 15.—(Special.)—A force of men is now busily engaged in clearing the land for the buildings of the Standard Pyritic Smelter company.

The building of a smelter at this point will undoubtedly stimulate interest in the townsite. Already many people have been looking over the ground with a view to getting in on the ground floor.

JAPANESE.

He Is Making a Good Case. Mr. S. Shimizu, in the city. He is a country, having been member 6th. Since many places in the along the line including Revelstoke latter place he took of the Crow's Fernie, Cranbrook also took in San Sloacan country.



Cotton in Glasgow, Sept. 18.—(Special.)—Comprising the firms Clark company and the today advanced price pound on knitting, the to 17 1/2 per cent. soft and glaze reels, at the rate of a shilling yard reels.

A SERIOUS.

Charles Chamberlain Trotter G. Mr. Charles Chamberlain from California, who horse Greyling for the eloping in the races took part in several the 2:24 trotting race state fair on September third beat Greyling of high ground and the left hind foot.

Freight Business.

The U. P. R. office freight business in August was the largest ever had. The business was above that of it was in less than a great deal of the trade of less than of merchandise.

W. A. GALLAGHER.

He Is Conferred With. Mr. W. A. Gallagher, in the conference with the party as to the for the purpose, to acquaintance among generally looking of a talk with him tended to put in the direction of eance and increasing friends. Mr. Gallagh ed to note the by about the city since months since. He as brisk as at pr ever, everybody see Rossland, he said, and from now should come one of the The good reports coming from the that they had large bodies and there properties of meri mines which have ed to make Rossland city, its great fixated beyond a pe

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Dick Yackney and latter being severely aft No. 2 were not eral hundred feet gration. The losses, \$3,000, were fully SETTLED.

THE LOCAL FIELD The Latest Happenings in the City

Cotton Prices. Glasgow, Sept. 18.—The Central agency, comprising the firms of the Coats, the Clark company and the Brooks company, today advanced prices three pence per pound on knitting, meeting and tambour...

A SERIOUS LOSS. Charles Chamberlain Loses His Famous Trotter Greyling. Mr. Charles Chamberlain has returned from California, where he took his race horse Greyling for the purpose of participating in the races there.

His Sight Is Restored. Frank Hiteshue, son of Mr. Frank Hiteshue, recently contracted an affection of the left eye, which became so bad that he lost the sight of it completely.

Freight Business Is Growing. The U. P. R. officials report that the freight business in the Kootenays for August was the largest that the road has ever had.

W. A. GALLIHER IS HERE. He Is Contending With Liberals as to the Campaign. Mr. W. A. Gallihier, the Liberal candidate for parliament for this riding, is in the city for the purpose of conferring with the members of the party as to the campaign.

FROM THE RECORDS. September 11.—Homestead, on Norway mountain, 14; Ed Terzick to H. Griswold.

JAPANESE CONSUL HERE. He Is Making a General Tour of British Columbia. Mr. S. Shimizu, consul at Vancouver, is in the city. He is making a tour of the country, having left Vancouver on September 6th.

WEEKLY STOCK REVIEW. The Sales Were the Largest in a Week for the Year. The volume of business transacted in the stock market for the week ending last night was about three times as large as it has been during any week in the present year except the previous week.

J. L. WHITNEY & Co Mining Brokers. Mining Properties Bought and Sold. Mining Properties and Stocks in British Columbia and Washington.

PERSONAL MENTION. Local Items Gathered by the Miner's Correspondent. Greenwood, Sept. 17.—(Special).—A. N. Pelly left today for England. He will be absent about two months.

WEDNESDAY'S SALES. Giant, 500 at 3 1/4c., 500 at 3 1/4c., 1000 at 3 1/4c., 5000 at 3 1/4c., 1000 at 3 1/2c., 1000 at 3 1/2c., 7000 at 3 1/2c.

out sufficient ore to make a carload shipment some time next month. The Rathmullen Mines, Limited, Non-shipment some time next month. Personal Liability. Tenders are hereby invited for the shares of the Rathmullen Mines, Limited, which members of the Rathmullen Consolidated Mining and Development Company, Limited, have not claimed under the terms of the agreement for the transfer of the assets of the old company to the new company.

Building Homes. Greenwood, Sept. 17.—(Special).—Operations in the building line have improved since the first of the month. Completion of the residences for H. C. Shaw and J. P. McLeod, on Naden street has attracted attention to that section as desirable for residential purposes.

Humming Bird, B. C., Gold Mines, Ltd. Owners of the Humming Bird Mine, Near Grand Forks, B. C. Title Perfect. Crown Granted. Mines in Full Operation.

J. R. CRANSTON & CO. Financial, Real Estate and General Mining Stock Brokers. Washington St., Opp. Bank of Montreal, Rossland, B. C. WE HAVE FOR SALE

Business EDUCATION. The Blair Business College is the leading Business Educational Institution in the Northwest. It has the largest attendance, the most thorough equipment, and its graduates are holding the leading positions.

Myers Creek Assay Office. J. F. BLAINE, Proprietor. Maps of the Myers Creek District for sale, \$1.00.

Spokane Assay Office. 523 First Avenue. MUNROE & TEASDALE. Gold and silver, \$1.00; Silver and lead, \$1.00; Copper, \$1.00.

FOR RENT. TWO LOTS WITH HOTEL and other rental buildings, on Washington street, now paying 25 per cent on the investment. 6-ROOMED HOUSE, furniture and lot, only three blocks from the postoffice. Everything in first class condition.





