THE ADVANCE GUARD

Distinguished Party of Members of the British Association Here.

DR. SELWYN INTERVIEWED

Interesting Chat About His Brother's Process for Reducing Sulphide Ores —Little Information About Kootenay to be Obtained in England.

The advance guard of the members of the British Association who will visit Kootenay arrived in Rossland Thursday, and will be shown today through the principal mines of the camp. The distinguished guests came up from Trail yesterday and are quartered at the Allan house, where a number of prominent citizens took occasion to call on them during the course of the evening. As several of the visitors expect to leave for the north at 2 o'clock today their view of the camp will necessarily be brief, but a program has been outlined, which includes a visit to the Le Roi, War Eagle and Centre Star this morning, in company with J. B. McArther and other members of the board of trade.

The visitors include: A. R. Forsyth, Sadlerian professor of pure mathematics at Cambridge; J. A. Ewing, professor of applied mechanics in the same university; C. V. Boyes, metropolitan gas referee for the London board of trade, and a distinguished scholar on mining subjects, who is accompanied by his wife; M. Meslons, a prominent electrician and metalurgist of Nancy; Henry A. Miers, professor of mineralogy in the university of Oxford; Henry E. Armstrong, professor of chemistry at Oxford; A. P. Coleman, of the school of mines, Toronto, and Dr. Selwyn of Ottawa, ex-director of the Canadian geological survey.

Chat With Dr. Selwyn.

Dr. Selwyn was last through this country half a dozen years ago, before Rossland and its mineral resources had been dreamed of. He is, therefore, much interested in the present development of the camp.

"Since my only knowledge of the mines here has been gleaned from hearsay, I am not able to give you any personal opinion regarding them," said Dr. Selwyn last evening. "However, judging from what I have heard, you have a very rich camp. No, I have made no personal researches regarding the reduction of the Rossland ores, but my brother, Admiral Selwyn, R. N., has given considerable attention to reducing such refractory sulphide ores as you have here, and he has invented a process which has given him most satisfactory results in laboratory work. It was also tried by Jas. W. Worsey of the St. Helens smelting and reduction works, who speaks in the highest terms of its successful application to several mill runs of ore.

Admiral Selwyn's Process.

"The process is, I believe, altogether original, and does away with smelting, chlorination or bromide treatments. It consists in pulverizing the ore to the required fineness, and then treating it with a solution of di-chloride of sulphur and common salt. That is one of the most corrosive compounds known, and it will dissolve any minerals in existence. Having placed the ores in solution, all that remains is to precipitate the valuable metals, and this, so my brother says, he has been able to do so successfully as to save 99 per cent of the metallic contents of the ore. The process is practically one of fermentation, which, when once begun, can be continued indefinitely, and when in operation the cost of treating additional ores will be very small. In fact he places the cost of treatment, exclusive of pulverizing, at about 25 cents a ton, but as his figures are based on the cost of labor prevailing in England, it would be somewhat higher here."

Kootenay Needs Advertising in Britain

C. V. Boyes laughingly disclaimed any knowledge of the mining resources of the Kootenays when questioned by a MINER reporter. "In fact," he added, "I must confess that until my present trip I had only the vaguest of ideas regarding the vast mineral wealth of this district. It is unfortunately true that accurate knowledge of this country is almost unobtainable in England. We are familiar with Kootenay as the place where the mines are, but further than that we are quite in the dark. Being ignorant of the true resources of the Rossland mines, investors are chary of putting their money in them, and you cannot expect any influx of foreign capital until the foreign capitalists learn the value of your mining properties. However, since Laurier's visit, so much interest has been manifested in Canada and her resources, that the mines of Rossland are beginning to receive their share of attention among English investors.

Canadian Hospitality.

"And right here let me say something about the delightful hospitality we have invariably received. People everywhere, whether or not they knew we were members of the British association, have taken the utmost pains to see that we have received every courtesy, and I can not say too much in expressing my appreciation of their kindness. We encountered it first on landing at Montreal, and during our whole journey across the continent we have received everywhere the same uniform hospitality. It seems to be one of the most marked traits of the Canadian people.

British Columbia Surprised Them.

"Personally I have been amazed at what I have seen throughout my visit. The trip has been one constant series of delightful surprises, chief among which has been the revelation of British Columbia's progress and importance. I had expected to see something of frontier life and to endure some little discomforts while on my journey. Instead the towns and cities have each proved to be a little metropolis, furnished with all the conveniences and comforts that one could ask for.

"Your railroads seem almost perfect for the service shey are put to, and I cannot speak too highly of their accomodations. We had looked with something like dread on our long ride across the continent but we found that at the close we left our pleasant sleeping car with something like regret."

VICTORIA NEWS NOTES.

Foundation for Brotchie Reef Lighthouse—Bristol's Passengers Win.

VICTORIA, Sept. 9.—The huge steel caisson which was placed a few days ago as a foundation for the lighthouse on Brotchie reef, has been knocked out of place by the heavy seas and is now lying on its side waiting for the wrecking steamer Whitelaw to put in place again. This is the result of poor management, as not enough rubble was placed in ide to keep the huge cylinder in positionsfor concrete filling.

Some of the passengers of the Bristol have, on application of Justice Walkem, secured judgments against the Portland & Alaska Steamship company for $3,500. It is Portland people who are responsible for the failure and not Victoria, though the Bristol sailed from this port.

The funeral of the late Alexander Begg took place today. The remains going east to be buried at Winnipeg.

B. C. ROUTE TO KLONDIKE.

New Steamer Service to Stickine River to Be Inaugurated.

VICTORIA, Sept. 9.—The Canadian Pacific Navigation company announces its intention of putting on a regular line to Fort Wrangel and Alaska and will also a stern wheeler running from there up the Stickine river to connect with the trail to Teslin lake.

THEY HURT BOUNDARY

Colonel Topping Scores the V., V. & E. Boomers.

Had Mr. Heinze Received the Assistance He Asked for the Penticton Road Would Be Completed.

TRAIL, Sept. 10.—The visit of the Liberal missionaries to Rossland has awakened more than a little interest in politics here, and the matter has been thoroughly discussed in its various phases. It has at least had the effect of stirring up those who have been delinquent in registering, and Colonel Topping, who is collector of votes for this district, has recorded several new names. Speaking of the matter today, Colonel Topping stated to THE MINER representative that he was a Liberal in Dominion politics, but under the present government he could not be a Provincial Liberal, because, apparently, that party's aim and object will resolve itself into nothing more or less than a long and strong pull for Vancouver island. Colonel Topping was emphatic in the assertion that the Victoria, Vancouver & Eastern people, by their ill-directed efforts, killed the opening of the Boundary country for this year, for had Mr. Heinze received the assistance he asked, the Penticton road would now be graded 100 miles west from Trail. The difference between the two is, that Mr. Heinze puts up the money instead of talking about it, while the V., V. & E. railway proved to be nothing but wind. With the Penticton road built, western connections cannot help but come.

Referring to other matters, Colonel Topping said he thought the Cassiar Railroad bill was abominable, and he would not like any legislation that alienated mineral lands from government control or discouraged prospecting. In school matters, he admired Colonel Bakers' administration. He liked many things in the Companies act, because it effectually checked the operation of wildcat companies, and while it is apparently complex, it is nothing more than the old English Companies act put in British Columbia language. He was pretty well satisfied that the interests of West Kootenay were safer in the hands of the present government than in those of the V., V. & E. boomers, and unless conditions change materially, his vote at the next election would be one of many representing a keen appreciation for the advancement of the interests of this district.

The Nakusp Still Stranded.

The steamer Trail remained at Robson today trying to pull the Nakusp into deep water. She was there since early yesterday morning, and succeeded in moving the stranded steamer about a dozen feet. There was no connection with Northport today, except by stage and nearly all the passengers went that way.

The steamer Kootenay brought down a heavy steel cable today and left here an hour earlier, in order to help the Trail with her heavy task. The hawsers and cables thus far used have scarcely been able to stand the strain, but it is thought that the combined efforts of the Trail and the Kootenay will dislodge the unfortunate steamer tonight.

Herbert Sentenced for Larceny.

In the justice court this morning B. W. Herbert received his trial on the charge of obtaining money fraudulently by issuing checks against a visionary bank account through a technicality. This charge was passed and Constable Devitt, for the crown, brought in a second charge of larceny, for which Herbert was sentenced to two months in jail. The charge was the result of pilfering while in the employ of D. Goldberg, during which time the accused stole a mackintosh. He pleaded guilty.

Five Cent Beer at Trail.

The hotelkeepers have been active this week in trying to solve the five cent beer problem, which has been inaugurated by Frank Hanna. Several meetings were held, as a result of which it is likely that Hanna will have the field to himself, as the other hotelmen do not think the time ripe for cheap beer under the present dull period of trade.

HEART PAINS LEAVE IN A DAY.

Unable to Attend to Her Daily Duties—And a Great Sufferer from Heart Trouble —Induced to Try Dr. Agnew's Cure for the Heart, and It Proved a Wonder Worker.

These are the words of Mrs. W. T. Rundle of Dundalk, Ont.: "I was a great sufferer with severe pain in the region of my heart. For a time I was quite unable to attend to my household duties. I was induced to try Dr. Agnew's Cure for the Heart, and I must say the result was wonderful. The pain immediately left me, and after the first day I have had no pain or trouble since."

Sold by McLean & Morrow.

IN EARTH'S BOWELS

The Savants Sought for Geological Information Underground.

VISITED THE BIG MINES

They Were Much Impressed When They Saw Fine Gold Washed Out of the Centre Star Ore—What Professor Miers Said of the Mines.

The visiting members of the British association spent Friday morning in a visit to some of the big mines of the camp. As some of the visitors had arranged to leave for the north on the 2 o'clock train, an early start was necessary, and it was scarcely 8 o'clock when the party began climbing the hill leading to the Le Roi.

Among the scientists were Dr. Selwyn, formerly the director of the Canadian geological survey; A. P. Coleman, of the Toronto school of mines; Henry E. Armstrong, professor of chemistry at Oxford; G. A. Lampleigh, of London; Henry A. Miers, professor of minerology in the same university; M. Meslons, professor of chemistry at Nancy; C. V. Boys, a London scientist, and Mrs. Boys; J. A. Ewing, professor of applied mechanics at Cambridge, and R.R. Forsyth, professor of pure mathematics, also of Cambridge. The sightseers were accompanied by J. B. McArthur and A. B. Claybon of the Rossland board of trade, and C. C. Woodhouse, the mining expert.

The Le Roi was the first mine to be visited. Captain Hall, the superintendent, and Colonel Peyton and J. G. English, two of the prominent stockholders in the company, were waiting to receive the visitors, and showed them over the fine surface workings of the mine. From Superintendent Hall the savants learned that the ore is now averaging close to $45 per ton in gold, with about 8 per cent copper, and that the values are constantly increasing with depth. Subsequently some of the scientists paid a personal visit to the mine itself, while others made a careful examination of the geological formation revealed by the Le Roi's surface showing.

Later on the party visited the War Eagle, through which they were escorted by Foreman Kirkpatrick, and then followed an inspection of the Centre Star, under the guidance of the manager, Mr. Oliver Durant. It was at the last named property that they witnessed one of the most interesting sights on their whole trip when Peter Joyce, the foreman, took a shovelful of pulverized ore from the dump and in a short time panned out from it a fine showing of free gold. All of the Centre Star ore, Mr. Durant explained, carried free gold in such considerable quantities as to make an amalgamation treatment profitable, though such a method would not obtain all the values in the ore.

The visitors returned to the city in time for lunch, and on the 2 o'clock train a number of them left for the main line of the C. P. R. on their way back to England.

All of the scientists were most profoundly impressed with what they had seen of the camp, and it is certain that their visit will do much good in educating the English people in regard to the resources of the Rossland mines. "I have not been here long enough to form an accurate opinion of the mines," said Professor Mier's, "but I have seen enough to convince me that your immense ore bodies are true veins, and may continue indefinitely. I should like to remain here for weeks studying the formation of the camp, for it would be time well spent, but unfortunately I have not the time."

"Being a chemist and not a mining man, I could not give you an expression of opinion worth having regarding the the mines of the district," said Prof. Armstrong. "Nevertheless, one thing that has struck me most forcibly is that some better method than smelting should be applied to your low grade ores. It seems to me that some of the recent discoveries in electrolytic treatment might be applied to such ores, and I should most certainly suggest that your wealthy mine owners could do nothing better than to club together and form a fund with which to secure scientific study of the problem.

LECTURE ON KOOTENAY.

Resources of the District to be Described at the Imperial Institute.

A. J. McMillan, of Liverpool, who has been at the Allan hotel for a few weeks past, looking after his mining interests in this Province, and who will be leaving for England towards the end of the month, is in receipt of a letter from the authorities at the Imperial Institute, London, stating that Sir Frederick Abel, the secretary, would be glad if Mr. McMillan would deliver a lecture at the institute during the month on the wealth of British Columbia.

The lecture is to be illustrated by lantern slides, prepared from photographs of British Columbia mines and scenes. This is a splendid opportunity to bring prominently before the British public the advantages of Kootenay. For the purposes of this lecture the British Columbia government will furnish Mr. McMillan with slides prepared from photographs taken this summer by W. A. Carlyle, provincial mineralogist.

It is to be hoped that Mr. McMillan will recieve all the assistance he requires in the matter from the principal mine owners of Kootenay.

WORTH ITS WEIGHT IN GOLD.

Is the Testimony of Frank S. Emerick of Alvinston, Ont.—Says South American Kidney Cure Saved His Life—It Relieves in Six Hours.

"For two years I was greatly troubled with kidney disease. I suffered intense pain, and frequently was unable to work. I doctored at intervals, but got little or no relief. I began to grow worse, and the pains were frequent and intense. About this time I saw South American Kidney Cure advertised as a speedy relief for all kidney troubles. I purchased a bottle, and it gave me wonderful relief in a few hours. I improved steadily, and after taking four bottles I am completely cured. I consider it worth its weight in gold, for it assuredly saved my life."

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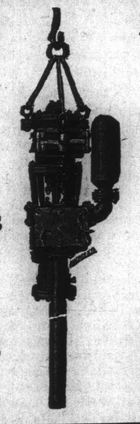

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ELISE MINE IS NOW FREE

Three Thousand Dollars Removed the Legal Fetters.

C. C. Woodhouse, Jr., Talks Interestingly of His Visit to the Mines With the British Savants.

The stockholders of the Elise Mining company Saturday paid off all the obligations against it and it is now out of the possession of the sheriff. In order to do this the sum of $3,000 was deposited in the Bank of Montreal to pay off all liens and judgments and to pay the expenses of securing a crown grant for the property owned by the company. The claims against the company were assigned to the bank, which liquidated them.

A meeting of the stockholders will be held at the office of the company on September 22, when a new board of directors will be elected. It is thought that at this meeting arrangements will be made to resume work on the mine, as it seems impossible that so valuable a property as the Elise should be allowed to lie idle. Several capitalists, who have a high opinion of the merits of the mine stand ready to furnish the money to do the development work and are prepared to buy the control outright at a fair figure.

The work done in the mine consists of a tunnel, which has been driven a distance of 135 feet, and a shaft, sunk to a depth of 60 feet. Drifts have also been driven each way on the vein for a distance of 15 feet. The paystreak is from two to three and a half feet wide, and continues without a break from the grassroots to the bottom of the shaft. The distance between the walls of the vein is about six feet and it is claimed to be a true fissure. Ore taken from the shaft assays as high as $1,046 in gold. The last assay, however, showed values of $413 in gold and $183 in silver. The sample assayed was from 100 pounds of ore taken from the shaft on July 20.

Woodhouse and the Savants.

C. C. Woodhouse, jr., in speaking of his visit to the Le Roi, War Eagle and Josie on Thursday, in company with the members of the British Scientific association said: "My trip through the mines when I had the honor of accompanying, the British Scientific association, was one of the most remarkable that I ever took, and in following my profession I have been in a large number of mines. Unlike the average men the learned savants were more interested in the composition of the rocks than they were in the quantity of precious metal which they contained. Their minds and hearts were completely wrapped up in their scientific professions and they said but little as to whether a mine was paying or not and evidenced more interest in the dips, spurs and angles and the strata, than in the fact that the ore went $35 to $100 per ton. They were so earnest and thoughtful and seemed pleased, with perhaps one exception, with everything that they saw. They seemed to be trying to see if the actual condition fitted the theories which they have so long been conversant with. I must say that they expressed themselves as finding the ore bodies and the walls thereof just about as they expected to. Dr. Selwyn said: 'The formation is very similar to what it is in Sudbury, Ont., where there is a copper, nickel and cobalt mine.' I could not help thinking while I watched the aged Dr. Selwyn making his way slowly through the mines that here is a man who has spent all the best years of his life studying the earth. In a few more years the fourteen elements that make up his body will be returned to mother earth from whence they came to become a part of the earth, which he has so long and so enthusiastically studied. Then, I thought, what difference will it make to him whether the science of geology ever existed or not. Then, I thought, the benefit of his research, while it may not then be of help to him, will be of benefit to others and to the generations that are yet to come.

"I think the visit of the scientists will result in a distinct benefit to Rossland. Their observations will be published in the scientific journals and will form a part of the lectures which they will deliver to classes. Their visit will make one of the best advertisements that Rossland has yet received," concluded Mr. Woodhouse.

Returning to Rossland.

J. C. Drewry, secretary of the Canadian Gold Fields, limited; William McKenzie, contractor and street railway owner; Dr. Wilson and Andrew Drewry left Toronto Saturday for Rossland. Mr. Drewry has been in Toronto in the interest of the Canadian Gold Fields since January 1st, and returns for the purpose of taking up his residence permanently in Rossland. The gentlemen who accompany him are interested in the Canadian Gold Fields, being stock owners.

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7:15 p.m. Daily.	FAST MAIL:—Walla Walla, Portland, San Francisco, Baker City and the east.	7:15 a.m. Daily.
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6 PASSENGER TRAINS 6

Each day between Trail and Rossland on the

Columbia & Western Ry.

Trains No. 2, 3, 5 and 6 do not run on Sunday.

RUNS MADE IN ONE HOUR.

No. 6 Leaves Rossland at..... 7:00 a.m.
Connects in the morning with steamer at Trail.
No. 3 Leaves Trail at..... 8:15 a.m.
Connects at Rossland with Red Mountain train for Spokane.
No. 4 Leaves Rossland at..... 10:30 a.m.
No. 1 Leaves Trail at..... 12:00 p.m.
Connects with C.P.R., main line steamers from the north at Trail.
No. 2 Leaves Rossland at..... 2:00 p.m
Connects with C.P.R., main line steamers from the north at Trail.
No. 5 Leaves Trail at..... 5:45 p.m
Connects with steamer Lytton at Trail.

Trail, B. C., July 4, 1897.
F. P. GUTELIUS, General Supt.

Kaslo & Slocan Railway

TIME CARD.

Subject to change without notice. Trains run on Pacific Standard time.

GOING WEST	Daily.	GOING EAST
Leave 8:00 a.m.	Kaslo	Arrive 3:50 p.m
" 8:36 "	South Fork	" 3:15 "
" 9:36 "	Sproule's	" 2:15 "
" 9:51 "	Whitewater	" 2:00 "
" 10:03 "	Bear Lake	" 1:48 "
" 10:18 "	McGuigan	" 1:33 "
" 10:38 "	Cody Junction	" 1:12 "
Arr. 10:50 "	Sandon	Leave 1:00 "
	CODY LINE.	
Lv 11:00 "	Sandon	Arrive 11:45 a.m.
Ar 11:20 "	Cody	Leave 11:25 "

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THE WEEKLY MINER contains all the mining news of Kootenay.