

NEWS FROM THE BOUNDARY

By the Miner's Own Correspondent

THE PROSPECTS OF PHOENIX

A NUMBER OF MINES OF GREAT PROMISE AROUND THAT CAMP.

The fact that average values are the rule so far, and that transportation facilities are already at hand.

The properties mentioned are very promising prospects, and when capitalists actually know from samples taken from these ledges, that they can get from \$3 to \$22 in gold values and from 1 to 4 per cent copper, then it won't be long before they are looking for the prospector, the father of our mining country, that they may place within his grasp the almighty dollar, for which he has long been waiting.

The city of Phoenix is also worthy of many comments. A little over sixteen months ago it was a wilderness with a few log cabins here and there; but today it is a bustling, bustling town of over 1,000 souls.

Indeed, Phoenix is looking forward to a period of great prosperity this spring. Already the stages come in crowded every day, and many mining men are here looking for attractive properties, in fact, every one who has visited Phoenix predicts that it will be a large camp.

BOUNDARY SHIPMENTS

Total for Year Amounted to 100,000 Tons—List of Shipping Properties.

Table listing shipping properties and tonnage: Greenwood, B.C., Dec. 29. (Special)—One shipment from the Boundary Creek district for the past year amounted to over 100,000 tons.

Kamloops, B.C., Dec. 27.—The result of the official recount of Yale-Cariboo is as follows: Gallier 3,106; Foley 2,644; McKane 2,581; rejected 42, spoiled 63.

Vancouver, Dec. 27.—Mr. R. Jeffrey, who has been visiting this city in connection with the Crow's Nest Coal company and came to Vancouver to meet his brother, who is expected to arrive from the Orient on the next Empire.

The Jenckes Machine company has sold to the Velvet mine for use in the shaft a 60-gallon-a-minute Knowles pump.

A COPPER CAMP OF MERIT

OLALLA PROMISES TO BECOME A LARGE PRODUCER OF METAL.

Favorable Situation of the Place—Mention of Some of the Leading Properties, and Other Points.

Olalla camp, which is just entering on the second year of its progress, is situated in the Keremeos Creek valley of the Lower Similkameen region.

The lead matter on the surface of this property is composed of an altered diorite, lime and feldspar intermixed with the quartzite, and lying between the diorite and lime body higher up the mountain.

This ore is being developed by the London Comedie company, composed of local professionals, elicited meritorious approval. This company is now touring the towns of Southern British Columbia in a select repertoire of drama and comedy.

HOLIDAYS AT GREENWOOD.

Greenwood, B.C., Dec. 29.—(Special)—Christmas week opened Monday evening with a performance by the London Comedie company at the Auditorium and closed last night with a highly successful masquerade ball at the Hotel Windsor.

The two performances given by the London Dramatic company, composed of local professionals, elicited meritorious approval. This company is now touring the towns of Southern British Columbia in a select repertoire of drama and comedy.

On the 29th of December, the Boundary Creek district for the past year amounted to over 100,000 tons. The following is a list of the mines, with approximate tonnage: in Deadwood camp, and the Jewel, in Long Lake camp, the balance was shipped to either the Nelson, Trail or Grand Fork smelters.

It is, however, the immense mineral resources of this district that guarantee beyond all possibility of doubt, the great future of the entire Similkameen valley region, including Keremeos Creek valley and its tributaries, and extending northwesterly from the boundary line, a distance of fully one hundred miles, is now recognized as the richest copper district in the entire northwest, and also the richest gold region on the continent.

Several quartz veins of fine appearance run parallel with, and in two instances close to the principal porphyry. These quartz veins carry exceedingly fine copper pyrites and also, in many instances, very high gold values.

Where the diorite appears along with the hornblende and magnetite, it is usually heavily copper stained, and also stained. This occurs throughout one area in particular, which shows for several hundred feet in width and upwards of two thousand feet in length, running across the Searchlight and Imperial Bank. During its stay here kidney trouble developed, and his condition is regarded as serious.

Considerable surface work has been done throughout this diorite area, with the result that vast bodies of low grade ore have been opened out, all of a working grade, and only awaiting the installation of the necessary appliances for raising this character and grade of ore.

On the south this body of diorite is joined by a wide parallel area of quartzite, and along the contact, or near to it, in both directions, occurs a number of very fine copper-gold showings. The property on this side which probably has attracted the greatest attention, is the Opuhene, where a fine body of native copper, giving assays up to 64 per cent, per ton of that metal, has been opened by a shaft forty-five feet in depth.

On the surface of this property is composed of an altered diorite, lime and feldspar intermixed with the quartzite, and lying between the diorite and lime body higher up the mountain. The lead, when opened on the surface, shows large bodies of fine grained magnetite, feldspar, quantities of mixed lime and diorite, and considerable garnet. The ore occurs in streaks of high grade pyrites, the lower grade ore having less pyrites scattered through the gangue.

What is known as the Bullion tunnel is now being driven to intersect this big lead at a depth of about 700 feet. This lead at a depth of 400 feet will be at least 800 feet in length, and will have gained nearly a foot in vertical depth, for every foot of horizontal distance driven.

Immediately west of the town and adjoining it on this side is the Elkhorn group. This property, like the Bullion, has the same class of sulphide ore occurring along the diorite-quartzite contact, which also shows up throughout the Elkhorn ground.

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It is intended, however, to confine this article to a description of Olalla camp and its immediate neighborhood, in the lower Similkameen.

The geological conditions at Olalla are particularly favorable for the deposition of copper, and the chief characteristic of the general formation is the occurrence of a body of diorite, about one mile in width from north to south, and showing for a distance two and three miles from east to west.

The mineral development of the upper Keremeos region, from Fish Lake west to Twenty-Mile creek, is most remarkable. Vast bodies of pyrrhotite, iron pyrites, magnetite, feldspar, arsenical iron and huge bodies of feldspar carrying heavy copper values occur, and form the basis for a development as great as it will be remarkable for its extent and permanency.

Among the best known properties at present in this section are the Green Mountain group, Scotia, Dividend group, McAlley's claim, the property of the newly formed Keremeos Copper Mines, limited (the latter a New York flotation promoted by Mr. R. W. Northey, well known both in Olalla and Rossland), the Shamrock and Billy Goat claims, and the property owned by Mr. Robert Stevenson of Princeton.

Beyond these properties again is the now celebrated Nickel Plate mine, and the wide list of valuable properties in its immediate neighborhood.

That the opening of this rich mineral region by a railway is evident from the fact that the C.P.R. already has its line located through Olalla, that Hill's Great Northern system of railways has its location survey work completed up the Okanagan and Similkameen valleys to the Boundary line, and that a local company is now applying to the Dominion government for a charter to construct lines from Olalla down the Similkameen valley to the boundary lines (where it is presumed connection will be made with the Great Northern system), and also up the Similkameen

to Princeton; also a branch from Olalla to Princeton at the foot of Okanagan lake, with a spur line from Fish Lake, running up the Upper Keremeos creek valley, and out to Twenty-Mile creek, thus giving a connection to this whole region, and, as it certainly will be, and one of the most productive mineral regions in the world.

It is unnecessary to further extend this article. Enough has been said to show the character of the almost limitless resources of this new mining center, which twelve months ago was almost unknown, except to the few then resident there. Today the eyes of the mining world are turned toward it, the big railway corporations are preparing to compete for its carrying trade, and capital for the full development of its mineral resources is being freely offered.

It is, therefore, evident that Olalla and its surrounding tributary region is on the eve of a remarkable development, and it is also evident that the earlier stages of this development are, when railways are placed or interesting period of the new town and new camp's existence.

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A LARGE CORPORATION.

One to be Formed With a Capital of \$15,000,000.

M. A. W. Ross, of Columbia, is in the city spending the New Year's holidays with his friends. He was seen yesterday by a Miner reporter, and in talking about the Boundary shipments, said: "The daily shipments run from 950 to 960 tons per day. The daily shipments from the Knob Hill and Ironsides are about 800 tons and one or two days the shipments from these properties reached 960 tons. This ore, of course, goes to the Granby smelter. The B. C., in Summit camp, ships 15 carloads of ore every two days and this ore goes to the Trail smelter. The Mother Lode ships five cars every second day. This ore is being stored in the bins at the smelter at Greenwood. The smelters at Greenwood and Granby Falls are expected to be completed in February, after which our daily shipments will be increased over 400 to 500 tons. The C. P. R. company is preparing to increase the output and three large mogul locomotives are on the way to handle the heavy loads.

"With the successful operations of the Granby smelter and the immediate prospective opening of the other smelters, development work has been largely increased in the various leading properties of the district and during the past two months the C. P. R. company has found their freight more than doubled. The Granby smelter intends before spring to have its capacity doubled and Mr. Graves is now spending his time in Montreal and New York for the purpose of incorporating the following companies in one large corporation. The capitalization of the new company will be \$15,000,000, of which \$2,500,000 will be put in the treasury. The owner and holders of stock in the smelter, water, power, real estate adjoining the smelter, and the real estate at Carson will get 5,000,000 of shares. The holders of the Knob Hill and Ironsides will have 5,000,000 of shares divided among them, while the holders of the Grey Eagle company will have the remainder, 2,500,000 shares. Of course, this will have to be ratified by the shareholders of each separate company.

"Mr. Graves has contracted for the delivery of 900 tons of matte monthly, 700 for New York and 200 for England. The C. P. R. will get a good haul on this."

In speaking about railway construction in the vicinity of Columbia, Mr. Ross said: "I am satisfied that a railway will be constructed from Columbia to Republic by the Canadian Pacific Railway company and its associates. This will give renewed activity to Republic camp as all the wire owners there feel that the ore can best be reduced by smelting and will hence be brought down the Kettle river valley for treatment.

"The Franklin camp, on the north fork of the Kettle river has some good showings of gold copper ore and the great rush will be in that direction next spring. The owners of the Republic mine claim that they can ship 1,000 tons in six months after the agreement is satisfied that the railway will be built."

COAST-KOOTENAY RAILWAY.

People of Coast Cities Anxious to Have It Constructed.

Mr. W. Holden of Vancouver, inspector of agencies of the Federal Life Insurance company, is in the city on a business visit. He leaves for Grand Forks today on business connected with the Sunset Mining company of which he is a director. From Grand Forks he goes to New York in connection with mining properties in which he is interested. Mr. Holden remarks that business throughout the province is improving and the prospect for this year is most encouraging. Recently he visited the Mount Sicker mines on Vancouver island. The Lenora there is shipping a great deal of ore. It is being sent to the smelters on the Sound and the returns are of a satisfactory nature.

There is, concerning the Coast-Kootenay railway, "the coast people are wide awake to the necessity for constructing a highway as it will give them a short route into the richest mining sections of the province. It is believed that the Great Northern and Mackenzie & Mann are behind this road and the belief is strong that it will be completed in an early date. The feeling at the coast is that Eastern Canadian and American towns are getting the trade of the Kootenays and Yale which properly belong to Vancouver and Victoria. During his trip Mr. Holden expects to visit the principal cities in Eastern Canada and the United States and will return via Southern California and spend a few weeks there."

PUBLIC WEIGH SCALES.

Now Open to the Public—First Articles Weighed.

Arrangements have been made which will more than likely be confirmed by the council at its meeting on Wednesday next that Mr. Himes, storekeeper at the corner of Queen and Second avenue, directly opposite the weigh scales, will act as weighmaster. Weigh notes or certificates will be made in triplicate, two of which will be given to the person having the article weighed or persons to whom the articles were to be delivered. The third will be retained as a stub by the weighmaster. The scales are situated at the intersection of Queen street and Second avenue.

Two Dollars FROM OTHER

Wonderful Showing Kootenay

FIRST SHIPMENTS

The Shut Down of the Trouble in the Sloane Paradise—A Good Country—Other

The year 1901 is a good prospect all over Lardeau and the Wild with a railway in sight come well to the front there place in line with the mining region.

From East Kootenay the four shippers for the year 1901 is a good prospect all over Lardeau and the Wild with a railway in sight come well to the front there place in line with the mining region.

On the Criterion and Lexington mountain work on by the prospectors ground, and it is reported that the prospectors are in the King Placer Philadelphia have decided the Blue Jay place creek and their representative, Gus Hedstrom Hansen, John Soards and the 24th. Mr. Bradley

First Shipment From Silver Hill and

The owners of the Paradise Fraction are believed the lead upon which was made in the Paradise property.

R. Randolph Bruce, exceedingly high opinion of the W'nders spring district point of view. He Horse Thief over to a zone of about four miles gives every promise of a great mineral section. Paradise, Silver Belt, Donald group, and a well-known property on the Black Horse Thief creek, one of the best of the Northeast Kootenay, been developed by the 40 feet on the vein, which was driven 45 feet. The property is owned by C. T. Troyer.

The Silver Hill mine foot lead of copper ledge which can be traced north and south, and per and galena runs first about 300 feet for about 100 feet. This is a fine quartzite. The lead here not yet been the hanging wall on claim is situated on the Rocky Range, an Burman, who did five year on the Silver Hill

Jan. 1, 1901, hour 3 p. m.; article weighed, Alderman Deane; owner, Miss Come; for whom, Chairman Board of Works; gross weight, 181 pounds; weight of lead, 149 pounds; description of vehicle, two feet, description of fee paid, libations for the crowd.

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