

## PARTIES AT TRAIL

Two Pleasant and Well Attended Social Functions.

## MR. McB. SMITH'S VISIT

He is at the Smelter City for the Purpose of Meeting the Turner Party—Nelson Lets the Contract for a Sewage System.

TRAIL, Sept. 15.—[Special].—Mrs. Bellinger and Mrs. Coran entertained their friends this evening with an at home in the opera house. A number of invitations were issued, and the guests represented the society leaders of Trail. The program was made up largely of two step and waltz numbers, and the evening's pleasure was furthered by the excellent music. There were many pretty decorations and costly and elegant gowns. Dainty refreshments were served and the enjoyment of the evening was complete. Dancing continued until a late hour.

Miss Steed Entertained Her Friends. Yesterday afternoon Lydia May Steed entertained her little companions and playmates with a garden party. There were swings and games for the amusement of the children, and just before sitting down to the table heavily laden with good things, happy faces were grouped for a photograph. Those who enjoyed the occasion were:

Reita Bellinger, Harlye Davenport, Gladys Heard, Helen Riddle, Helene Burritt, Dorothy Peck, Anthony Klein, Paul Klein, Tommy Banbury, Campbell Williams, Larus Coleman, Cathelene Ferguson, Mollie Hanna, Lydia Hanna, Ellen Wolf, Mary Williams, Nellie Westcott, Pearl Wolf, Ethel Ferguson, Mabel Inkster, Delbert Brown, Rosa Hamilton, Mary Banbury, Anna Peterson, Dora Hamilton, Emma Waller, Mabel Coleman, Charlie Waller, May Moles.

Trail Creek Notes. Ed Boyce came down from China creek today to get a rifle. He is after a bear and two cubs, which have been visiting his cabin.

McB. Smith, auditor general of the Province, accompanied by W. J. Goepel, came down on the Kootenay today. They will meet Premier Turner's party, which is expected in a few days.

The steamer Kootenay broke the freight record today by 40 tons. She unloaded 180 tons at Robson for the Sloan company, and brought 60 tons to Trail. In addition to this she brought down two barges laden with merchandise.

Angus Beaton is home from the Lardau country. Rev. Mr. Irwin came down from Rossland today, to visit at the bedside of W. F. Keay, customs collector, who is dangerously ill.

Miss Liebfried, who is in charge of the Nelson & Vernon telegraph office here, is home from a visit in the east.

Judge Spinks of Yale district was in Trail today.

Bids for the construction of the lockup at Trail will be opened next Tuesday.

## THE NEWS OF NELSON.

Contract Let for a Sewage System—Perseverance Rewarded.

Nelson, Sept. 15.—[Special].—At a meeting of the city council this afternoon the contract for constructing the sewer system was let to Edward Bragg for \$1,504. Bragg will be required to put up a certified check for 25 per cent of the cost and to pay his laborers at the rate of \$2.50 per day. Should he fail to comply with the conditions the contract will go to the next lowest bidder, Newling & Co.

## A Suit Against the City.

A summons has been received by the city from Barrister A. M. Johnson directing the city to appear in eight days in a damage suit brought by the Kootenay Lake general hospital against the city of Nelson. The trouble arose when the city took over the water plant. Prior to this the hospital had paid the water bill, but when the city took possession the water commissioner commenced making connections with the main. The hospital caused them to be cut out and the city in retaliation shut off the water altogether. The suit is now in court to determine the rights of the contesting parties.

## Two Lucky Prospectors.

John A. Turner and W. Waldie, of this city are jubilant over their two claims, the Niagara and Queen, which are located on Sheep creek, 12 miles from Salmon and near the consolidated mines. Surface assays gave no value beyond a trace of gold, but the owners decided to run a tunnel for luck. They ran one 25 feet and an assay of all ledge matter at that depth shows \$6 in gold and 40 cents in silver. The hanging wall they encountered a pay streak of six inches which assayed one ounce in silver and 2.47 ounces in gold, or \$49.40 with a trace of copper. The ledge is between 30 and 40 feet wide, clearly defined across the two claims, is of white quartz, showing a great deal of iron pyrites. It is thought the ore is free milling, and if so it will prove a most valuable property. The owners have another claim and a fraction adjoining the Niagara and Queen.

## Nelson Notes.

C. M. Horton, the well known mine operator, is very ill at the residence of Mrs. A. Doland of acute pneumonia. Mrs. Tisworth, wife of the commission merchant, is dangerously ill of puerperal fever.

The government has withdrawn from the sale of lots next month blocks 88 and 89, making, with block 49, three blocks withheld from purchasers.

Mr. John J. Malone, one of Nelson's representative citizens, a member of the city council and one of the proprietors of the Tremont house, was married to Miss Lydia Bennett of Sacramento, California, last night. Rev. George H. Morden officiated.

The proprietor of the Royal hotel, W. G. Robinson, is rejoicing over a new arrival at the hotel—a little daughter, who arrived last night.

A delegation of the members of the British association reached Nelson Mon-

day night and left for their respective destinations last night. They visited all points of interest they could reach, in their brief stay, and one and all expressed their surprise at the general activity and liveliness of Nelson.

The proprietor of the Dallas hotel in Victoria has been in Nelson for several days, looking for a location to go into business. He returned home last night, having secured one.

R. S. Lennie, captain of the lacrosse team and all-round athlete, is rapidly convalescing from his long and tedious illness. He leaves in a day or two for Victoria, where he will visit relatives.

G. McL. Brown of the C. P. R. is in the city on business for his road.

The Pilot Bay smelter will be opened about the 10th of October and will run all winter.

Yesterday Harry Young, J. H. Jackson, Charles Jamieson and C. C. Cunningham went out sailing on the lake in a sail boat, of which the sail was double reefed, upset and nearly drowned. While off Kokanee creek a lively breeze came up, they could not manage the double sail and the boat capsized. They managed to cling to the keel of the boat, yelling lustily for help all the time. Just as they were about to abandon the boat and try to swim ashore, their cries attracted a man ashore who came to their help and got them ashore. They had a narrow escape. They were in the water one hour and 50 minutes before they reached terra firma.

The license commissioners met today and granted hotel liquor licenses to O. Lund, Richard & Perdue, and Frank Donnelly. A saloon license to S. J. Mighon was refused, owing to the fact that the limit of licenses as provided by the bylaw had been reached. The complaint against C. F. Goodwin, charged with keeping a disorderly house, came up for hearing. Sentence was suspended until further notice, Goodwin being given time to understand that the Victoria hotel must be above reproach in the future.

## THE UNIONS OF ROSSLAND

This Camp is One of the Natural Homes of Organized Labor.

There Are Four Unions in the City, and There is a Strong Public Sentiment Behind Them.

Rossland is one of the places where organized labor flourishes, as is the case in all the western mining camps. In the mining centers of the West may be found the young, strong, adventurous, daring manhood, which is drawn from the older communities, and which is an element that knows its rights and has the courage to maintain them. In such towns there is a sentiment which forbids the employment of non-union labor, that is so strong that no corporation nor individual, no matter how much it or they are opposed to organized labor, can fight against it. A few have tried it, but the forces aroused have been so Titanic, that in nearly every instance organized labor has emerged triumphant from the contest. The dominant idea of trades-unions is to secure the members rights and privileges to which they are entitled, and by unity to resist unjust aggressions on the part of capital. The unions also help the members when out of work or when ill, and pay the burial expenses of deceased members and their wives and children. The Typographical union, in addition to this, has a home in Colorado, to which its superannuated members are permitted to retire, to spend the evening of life in comparative comfort. In short, unions are for mutual help, and are the only possible combination that labor can make against capital.

In Rossland there are four unions to-wit: The miners' union, the typographical union, the cigarmakers and the tailors' union. Each of these bodies is represented in a central body called the Trades and Labor Council. Then there is a lodge of Knights of Labor, which is principally made up of union men and of those who believe in the just principles of unionism.

Trades and Labor Council has the following officers: Pres., E. Ousick; vice-president, Charles Corrigan; secretary, P. J. Hollman. Each of the four unions, the miners, typographical, tailors' and cigarmakers, have representatives in the Trades and Labor Council. This body treats the larger subjects that affect the principles of unionism, and acts as a sort of an advisory body to the individual unions whenever an emergency arises that requires it.

The Miners' union is the strongest numerically of the unions of the camp. It was organized in the spring of 1895, and from a small beginning has grown until it has now reached a membership of over 200. It is destined to grow. It is officially known as Lodge No. 38, Western Federation of Miners. The parent organization is in Butte and Edward Boyce of Butte is president.

Rossland Typographical union, No. 335, is the next union in importance. It was organized in the fall of 1896. This is one of the strongest unions on the continent and it is a subordinate of the International union. There are subordinate unions in every town and city of any importance in the United States and Canada. There is not a newspaper or job office in Rossland that is not under its control. The Typographical union helps its sick members, pays the funeral expenses of deceased members and superannuated members are entitled to retire to the printers' home when they become too old to work. Ed. Albert is president and C. O. Clatter is secretary of the Rossland Typographical union.

Tailors' Union No. 232 of Rossland has a membership of about 15. J. Cohen is president, J. F. Honeyford secretary and C. M. Peterson treasurer. The society is a subordinate union of the Journeymen Tailors' Union of America, from which it obtained its charter in February of this year. This union pays a certain share of its dues to the parent body, and in return for this is entitled to aid and support during a strike, and also to a burial benefit.

Cigarmakers' union No. 400, is another flourishing union and has a small but active membership.

The Knights of Labor lodge of Rossland, was organized about three weeks since by W. F. Walker of Spokane. It is a subordinate lodge of the Knights of Labor of the United States. The charter was obtained from the parent lodge at Washington, D. C. It has a membership of 40 and will in time take an important place in the labor affairs of Rossland.

A delegation of the members of the British association reached Nelson Mon-

## HO! FOR PENTICTON

Two Corps of C. & W. Surveyors in the Field.

## THE PROBABLE ROUTE

The Road When Built Will Open a Country Rich in Mineral and Agricultural Resources—Kettle River Valley.

ANACONDA, Sept. 15.—[Special].—The recent arrival in this town of a railway survey party, with Surveyor J. G. Sullivan in charge, has been a source of much gratification and encouragement, not only to residents of Anacoda, but to many others deeply interested in the progress of the Boundary Creek district.

Mr. Sullivan was somewhat reticent when questioned about railway matters, but at once acknowledged that his party had been sent out to make a survey of a part of the route of the Columbia & Western road between the Columbia river and Pentiction, the particular section to have his immediate attention being that over the divide between the valley of the main Kettle river and the Okanagan valley. It was intended, he said, to commence on the summit of the divide and work both ways, so as to have the survey made through the country where the higher altitudes are met with, before the divide is reached. They would make a thought, take about two months. They would probably survey about a mile and a half per day—probably a little more. After provisioning here and making arrangements for later supplies, the party left yesterday for their present destination, beyond Camp McKinney.

When asked whether the Columbia & Western or the C. P. R. would build the road to Pentiction, Mr. Sullivan said that the latter would build it thought and hoped, and he knew nothing to the contrary.

Another Survey Party. Mr. Heinze was making the survey and for two or three weeks past, has had another party at work between the lower Arrow lake and Christina lake. This party numbered about as many men as his own, and G. R. Parr is the surveyor in charge. They had already cut about 33 miles of trail to admit of their bringing in their camp outfit and supplies from the Columbia. They would make a likely work from the summit down Dog creek to Arrow lake in one direction, and down McRae creek to Christina lake in the other. After completing that section, which they, too, were to finish before snow fall, Mr. Parr's party would probably give attention to some section farther westward, perhaps that over the pass between the north fork of Kettle river and Boundary creek.

Columbia and Pentiction Route. In the course of a later interview with O. E. Shaw, O.E., who last fall made an exploratory trip along the proposed route, from the coast over the Hope mountains and thence to the Columbia river, via Pentiction and Boundary creek, of the Victoria, Vancouver & Eastern road, some additional facts in relation to the Columbia-Pentiction part of the route was obtained. It is usual in railway surveys, Mr. Shaw explained, to first make an exploratory trip through the country, so as to roughly decide upon the route of the proposed line. This was done last fall by the engineers of both the V., V. & E. and the Columbia & Western roads. The second stage is that at which the surveyors run the preliminary line or make the reconnaissance, carefully taking levels and full topographical notes, and then the engineers divide the distance on both sides of the proposed line, so as to get the contour of the country, to enable them to draw a plan showing all hills and other rises, ravines, rivers, etc. On this plan is shown an approximate location line, which will avoid the chief difficulties encountered in the exploratory examination of the country. This topographical survey is probably what the C. & W. parties are now making. When the location survey is made, the mapped location line being followed in the field as closely as circumstances will admit, curves being run in, cross-sections taken and slope stakes set, and the line left ready for construction.

The Probable Route. Regarding the route, Mr. Shaw said the Columbia & Western surveyors will probably run their line from opposite Robson on the western shore of Lower Arrow lake, thence up Dog creek to its source, passing over the divide at McRae pass, an altitude of about 3,500 feet, and thence down McRae creek to Christina lake. The eastern shore of the lake will then be followed southward to its outlet near Cascade City. Passing westward along the valley of Kettle river until Grand Forks is reached, a trail will be made to the north fork of the Kettle river to Brown's creek, which will be followed westerly to its source. The altitude of the summit of the pass there is about 3,100 feet. Thence the route is down Eboli (also known as Arrow) creek to Boundary creek, which is joined at the new townsite named Boundary Creek City. Then southward the route lies down the valley of Boundary creek, through the towns of Greenwood, Anacoda and Boundary Falls to Midway, where Kettle river is again reached. Thence the course is about west up the Kettle river valley to Rock creek, which is followed up the forks, when the South Fork is taken, the line rising until, at a height of about 3,600 feet, the summit of the divide is reached. From there a north westerly course is taken until the Okanagan river is encountered somewhere about Dog lake. Thence the direction is northward, up the Okanagan valley, Pentiction being reached approximately in 200 miles.

A Productive Country. It may be of interest to note that comparatively little of the line will pass through country that is, from a railway point of view, entirely unproductive. Although it is not yet known whether or not there is mineral in payable quantities in the vicinity of Dog creek, it is certain that there are numbers of claims, some with very promising surface showings, already located on McRae creek. On several other creeks emptying their waters into Christina lake, numerous locations have also been made. In some

cases big bodies of mineral have been found in the Christina lake claims, but it remains to be proven whether or not the ore is of a payable grade in quantity. The lake will eventually become a favorite resort for sportsmen and other pleasure seekers, fishing and shooting being good and the scenery attractive. The agricultural lands of Grand Prairie will, by and by, contribute their quota of freight in the shape of farm and garden produce. The valley of the north fork of Kettle river, which extends for 60 or 80 miles northwards, with an appreciable quantity of bottom land suitable for cultivation, and indications of the presence of mineral in the hills between which it flows until it reaches the vicinity of the Volcanic and neighboring big mineral showings, themselves likely to become important freight contributors, will some day be a feeder to this railway. That the 10 or 12 mining camps of Boundary creek will from the start furnish much freight traffic, both outward and inward, is a generally accepted fact, so it seems superfluous to here emphasize it.

The Kettle River Valley. Leaving Boundary creek the Kettle river valley, about and beyond Midway, is the next district that will do its share, for preparations for farm, orchard and garden cultivation, for dairying and poultry raising are already being made here to an increasing extent. Next comes Rock creek with its coal deposits, its tributary, especially that in the up the main Kettle river, which in years to come will yield mineral, pastoral and agricultural products from the river, its valley, and its many affluents. Southward, Meyers creek and the ranching and mining localities across the international boundary line will be reached by this railway, whilst further westward the gold mines of Camp McKinney will be traffic suppliers. Thence towards Osoyoos, from which direction and away southwards for some distance down the American Okanagan country, will come the output of mines and of the yield of fields, orchards, pastures and gardens. The Okanagan valley with its extensive cattle ranges, and to the northward, its grain, fodder and fruit-raising capabilities, should also help to increase the freight earnings of the railway, whilst, though by no means least, are the mines of Fairview, and the Similkameen country beyond. So it will be readily seen that the Columbia-Pentiction railway should quickly become a paying proposition, since its route is through a country of varied and abundant resources, not taking into account enormous possibilities confidently anticipated by many who are very familiar with them, but which would not at present be believed in by uninformed outsiders to whom a narration of them would be received as far from true.

Scott McRae Found the Pass. There is one matter connected with the earlier examination of the country through which the Columbia-Pentiction railway will pass, that, in common with a Boundary creek pioneer, seems to call for mention. In a recent issue of the Spokane Spokesman-Review it was claimed that the pass—wrongly designated the Heinze pass—roughly between the Columbia and Christina lakes was discovered by Heinze's surveyors. It is most unlikely that those gentlemen themselves lay claim to this distinction, which rightly belongs to Scott McRae, an old-time trapper and prospector, who now lives in his ranch within two miles of this town. It was in June, 1892, that Scott McRae, when on a prospecting trip in company with his brother, George McRae, and O. Sanders, ascended the mountain range east of Christina lake, going part of the way up the creek, since named McRae creek, and when on the summit of the divide discovered that there was a pass through the mountains. He did not then explore it, but in the fall of the same year, in reply to a letter of inquiry received from the Surveyor of the C. P. R., who with Mr. Duchesney, had failed in an earlier attempt to find a pass in that part of the country, of the existence of what is now known as the McRae pass. In March, 1893, Scott McRae and J. A. Corryell, E. S. Shaw, the mining expert, and O. M. Horton, instead of pneumonia, as at first reported, is suffering from appendicitis. He was removed today to the house of his sister, Mrs. Pollock. An operation will be performed tomorrow.

Waterloo Notes. The three-ton shipment from the Bryan which was sent to the Trail smelter for treatment, returned over \$100 per ton. They are chiefly from the 12-foot level of the shaft and was shipped practically as it came out of the ground, without picking.

The tunnel on the Maud S. is now in nearly 90 feet, and the miners expect to tap the ledge very shortly. Work is going on day and night.

A small amount of work done on the Elroy has disclosed some promising gold-copper sulphide ore.

## LETTERS TO THE EDITOR.

Favors Local Smelters. ROSSLAND, Sept. 18, 1897.

EDITOR MINER—Sir: Your article on "Local Smelters" in this morning's issue quotes me correctly. I am certainly in favor of reduction works for Rossland ore as near to the mines as possible, and I am confident that the time is not far distant when that glorious condition will prevail. F. O. LORING.

Review of the Mines of That District by Mr. McRae. Nelson, Sept. 17.—[Special].—F. M. Chadbourne, the mining expert, has just returned from an extended visit to the Cariboo Creek district and in conversation gave a general review of the mines located there. The government appropriation of \$4,500 has been expended on the wagon road between Burton and Mineral City. Private subscriptions are now paying the contractors for the balance of the work. They will try to build the road from Mineral City to the junction of Canyon creek.

In the neighborhood of Mineral City a great many locations have been made, particularly on Goat and Snow creeks, on Canyon creek and above Canyon creek. A number of good properties are being developed on Cariboo creek above Canyon creek. Among the best is the Chiefain group, owned by McGinnis and Clark. They have just completed a 75-foot tunnel on the lead which shows a pay streak of rich ore. The owners will try to get the mine on the shipping list this fall and are putting in all their capital in the effort. The assays obtained from the ore run from 10 to 8,000 ounces in silver, with a general average of 150 ounces, and in gold from \$2 to \$30. Some of the highest grade gave 15 per cent copper, showing bromide and chloride of silver, and also antimonial silver.

Clark Watts & Co. own a promising group, near the Chiefain group. There are six claims, on three of which, the Nancy Lee, Conundrum, and Victoria, 20-foot tunnels have been run. The vein is a strong one, from three to nine feet in width, two feet being strongly

mineralized. Assays have run as high as 125 ounces in silver and \$10 in gold.

Cariboo Creek Properties. J. P. Jones of Burton owns the Tye and the Proctor Knott, located in Tye gulch, near Canyon creek. He also has interests in the Thunder Cloud, Black Hawk No. 2, the Iron King and the Iron Duke, the two latter being on Canyon creek. They have been opened by shafts 15 to 35 feet deep, showing a well-defined vein, three to six feet wide, about one foot of which is heavy iron ore, carrying some gold.

On Mineral creek, about three miles above Mineral City, is located the Promasture property, owned by F. Bourne, E. O. Rodd and others. A 300-foot tunnel has opened the property up. Last year they shipped eight tons of ore to the Trail smelter, which is said to have given \$40 in gold. This mine is located in an iron belt which runs through the country. On the same belt are situated the Cornwall, Hardy, etc. All these ores are low grade, with bunches of rich ore, furnishing gold.

Cariboo Mountain Locations. Messrs. Jamieson, Taylor, Glasford, McDonald and others have made a number of locations on Cariboo mountain, between Cariboo and Canyon creeks, all located high on the mountain. Among the claims is the Napoleon, Mountain Chief, Shakespeare, the Gibraltar, Gladstator, Halifax, Nellie A. J. E. M. All of these claims have openings on them of from six to 40 feet deep. The ore is white quartz with from 6 to 12 inches pay streak with bunches of galena and some pyrites of iron. The formation is granite but the ore lies on porphyry dyke as a foot wall. The dip is 40 degrees. The owners intend to develop the properties as rapidly as possible. Great things are expected from this district. Like a good many other districts, all that is needed is capital. The mineral wealth is there.

Will Put in a Hydraulic Plant. The remarkable success achieved by the Nelson Hydraulic company at Forty-Nine creek, has induced others to turn their eyes in that direction. A gentleman who does not wish to be known in the matter at present, has secured extensions of all their claims. Today he sent out a pack train of supplies and a force of men. A shaft will be sunk to bedrock to determine where it will be best to locate a hydraulic plant. The surface indications are all as favorable as could be desired, and in case things turn out as expected considerable capital will be put in to get the plant as speedily as possible.

A Demand for Properties. All the mining brokers report a lively demand for mining properties near Nelson, especially for gold and copper propositions. Several big deals are on the tapis now, some for cash and some under bond, details of which can be obtained the first of the week.

Nelson Notes. J. McCreath, one of the owners of the Tennessee, near Ymir, returned to Nelson today and reports the mine to be in fine condition.

Among the arrivals in Nelson tonight were Postoffice Inspector E. H. Fletcher of Victoria, and with him Mr. Sweetnam of Toronto; A. G. Herrick, of the Spokane & Northern Telegraph company. From Trail—E. S. Topping and R. T. Dowie. E. C. Ramsdell, who is largely interested in the White Grouse country, came down from Pilot Bay.

Mr. and Mrs. John Campbell will leave Nelson about the 25th and will in the future make their home in Anaworth. Mr. Campbell is one of Nelson's popular athletes and will be greatly missed. O. M. Horton, instead of pneumonia, as at first reported, is suffering from appendicitis. He was removed today to the house of his sister, Mrs. Pollock. An operation will be performed tomorrow.

Waterloo Notes. The three-ton shipment from the Bryan which was sent to the Trail smelter for treatment, returned over \$100 per ton. They are chiefly from the 12-foot level of the shaft and was shipped practically as it came out of the ground, without picking.

The tunnel on the Maud S. is now in nearly 90 feet, and the miners expect to tap the ledge very shortly. Work is going on day and night.

A small amount of work done on the Elroy has disclosed some promising gold-copper sulphide ore.

## LETTERS TO THE EDITOR.

Favors Local Smelters. ROSSLAND, Sept. 18, 1897.

EDITOR MINER—Sir: Your article on "Local Smelters" in this morning's issue quotes me correctly. I am certainly in favor of reduction works for Rossland ore as near to the mines as possible, and I am confident that the time is not far distant when that glorious condition will prevail. F. O. LORING.

Review of the Mines of That District by Mr. McRae. Nelson, Sept. 17.—[Special].—F. M. Chadbourne, the mining expert, has just returned from an extended visit to the Cariboo Creek district and in conversation gave a general review of the mines located there. The government appropriation of \$4,500 has been expended on the wagon road between Burton and Mineral City. Private subscriptions are now paying the contractors for the balance of the work. They will try to build the road from Mineral City to the junction of Canyon creek.

In the neighborhood of Mineral City a great many locations have been made, particularly on Goat and Snow creeks, on Canyon creek and above Canyon creek. A number of good properties are being developed on Cariboo creek above Canyon creek. Among the best is the Chiefain group, owned by McGinnis and Clark. They have just completed a 75-foot tunnel on the lead which shows a pay streak of rich ore. The owners will try to get the mine on the shipping list this fall and are putting in all their capital in the effort. The assays obtained from the ore run from 10 to 8,000 ounces in silver, with a general average of 150 ounces, and in gold from \$2 to \$30. Some of the highest grade gave 15 per cent copper, showing bromide and chloride of silver, and also antimonial silver.

Clark Watts & Co. own a promising group, near the Chiefain group. There are six claims, on three of which, the Nancy Lee, Conundrum, and Victoria, 20-foot tunnels have been run. The vein is a strong one, from three to nine feet in width, two feet being strongly

mineralized. Assays have run as high as 125 ounces in silver and \$10 in gold.

Cariboo Creek Properties. J. P. Jones of Burton owns the Tye and the Proctor Knott, located in Tye gulch, near Canyon creek. He also has interests in the Thunder Cloud, Black Hawk No. 2, the Iron King and the Iron Duke, the two latter being on Canyon creek. They have been opened by shafts 15 to 35 feet deep, showing a well-defined vein, three to six feet wide, about one foot of which is heavy iron ore, carrying some gold.

On Mineral creek, about three miles above Mineral City, is located the Promasture property, owned by F. Bourne, E. O. Rodd and others. A 300-foot tunnel has opened the property up. Last year they shipped eight tons of ore to the Trail smelter, which is said to have given \$40 in gold. This mine is located in an iron belt which runs through the country. On the same belt are situated the Cornwall, Hardy, etc. All these ores are low grade, with bunches of rich ore, furnishing gold.

Cariboo Mountain Locations. Messrs. Jamieson, Taylor, Glasford, McDonald and others have made a number of locations on Cariboo mountain, between Cariboo and Canyon creeks, all located high on the mountain. Among the claims is the Napoleon, Mountain Chief, Shakespeare, the Gibraltar, Gladstator, Halifax, Nellie A. J. E. M. All of these claims have openings on them of from six to 40 feet deep. The ore is white quartz with from 6 to 12 inches pay streak with bunches of galena and some pyrites of iron. The formation is granite but the ore lies on porphyry dyke as a foot wall. The dip is 40 degrees. The owners intend to develop the properties as rapidly as possible. Great things are expected from this district. Like a good many other districts, all that is needed is capital. The mineral wealth is there.

Will Put in a Hydraulic Plant. The remarkable success achieved by the Nelson Hydraulic company at Forty-Nine creek, has induced others to turn their eyes in that direction. A gentleman who does not wish to be known in the matter at present, has secured extensions of all their claims. Today he sent out a pack train of supplies and a force of men. A shaft will be sunk to bedrock to determine where it will be best to locate a hydraulic plant. The surface indications are all as favorable as could be desired, and in case things turn out as expected considerable capital will be put in to get the plant as speedily as possible.

A Demand for Properties. All the mining brokers report a lively demand for mining properties near Nelson, especially for gold and copper propositions. Several big deals are on the tapis now, some for cash and some under bond, details of which can be obtained the first of the week.

## LETTERS TO THE EDITOR.

Favors Local Smelters. ROSSLAND, Sept. 18, 1897.

EDITOR MINER—Sir: Your article on "Local Smelters" in this morning's issue quotes me correctly. I am certainly in favor of reduction works for Rossland ore as near to the mines as possible, and I am confident that the time is not far distant when that glorious condition will prevail. F. O. LORING.

Review of the Mines of That District by Mr. McRae. Nelson, Sept. 17.—[Special].—F. M. Chadbourne, the mining expert, has just returned from an extended visit to the Cariboo Creek district and in conversation gave a general review of the mines located there. The government appropriation of \$4,500 has been expended on the wagon road between Burton and Mineral City. Private subscriptions are now paying the contractors for the balance of the work. They will try to build the road from Mineral City to the junction of Canyon creek.

In the neighborhood of Mineral City a great many locations have been made, particularly on Goat and Snow creeks, on Canyon creek and above Canyon creek. A number of good properties are being developed on Cariboo creek above Canyon creek. Among the best is the Chiefain group, owned by McGinnis and Clark. They have just completed a 75-foot tunnel on the lead which shows a pay streak of rich ore. The owners will try to get the mine on the shipping list this fall and are putting in all their capital in the effort. The assays obtained from the ore run from 10 to 8,000 ounces in silver, with a general average of 150 ounces, and in gold from \$2 to \$30. Some of the highest grade gave 15 per cent copper, showing bromide and chloride of silver, and also antimonial silver.

Clark Watts & Co. own a promising group, near the Chiefain group. There are six claims, on three of which, the Nancy Lee, Conundrum, and Victoria, 20-foot tunnels have been run. The vein is a strong one, from three to nine feet in width, two feet being strongly

mineralized. Assays have run as high as 125 ounces in silver and \$10 in gold.

Cariboo Creek Properties. J. P. Jones of Burton owns the Tye and the Proctor Knott, located in Tye gulch, near Canyon creek. He also has interests in the Thunder Cloud, Black Hawk No. 2, the Iron King and the Iron Duke, the two latter being on Canyon creek. They have been opened by shafts 15 to 35 feet deep, showing a well-defined vein, three to six feet wide, about one foot of which is heavy iron ore, carrying some gold.

On Mineral creek, about three miles above Mineral City, is located the Promasture property, owned by F. Bourne, E. O. Rodd and others. A 300-foot tunnel has opened the property up. Last year they shipped eight tons of ore to the Trail smelter, which is said to have given \$40 in gold. This mine is located in an iron belt which runs through the country. On the same belt are situated the Cornwall, Hardy, etc. All these ores are low grade, with bunches of rich ore, furnishing gold.

Cariboo Mountain Locations. Messrs. Jamieson, Taylor, Glasford, McDonald and others have made a number of locations on Cariboo mountain, between Cariboo and Canyon creeks, all located high on the mountain. Among the claims is the Napoleon, Mountain Chief, Shakespeare, the Gibraltar, Gladstator, Halifax, Nellie A. J. E. M. All of these claims have openings on them of from six to 40 feet deep. The ore is white quartz with from 6 to 12 inches pay streak with bunches of galena and some pyrites of iron. The formation is granite but the ore lies on porphyry dyke as a foot wall. The dip is 40 degrees. The owners intend to develop the properties as rapidly as possible. Great things are expected from this district. Like a good many other districts, all that is needed is capital. The mineral wealth is there.

Will Put in a Hydraulic Plant. The remarkable success achieved by the Nelson Hydraulic company at Forty-Nine creek, has induced others to turn their eyes in that direction. A gentleman who does not wish to be known in the matter at present, has secured extensions of all their claims. Today he sent out a pack train of supplies and a force of men. A shaft will be sunk to bedrock to determine where it will be best to locate a hydraulic plant. The surface indications are all as favorable as could be desired, and in case things turn out as expected considerable capital will be put in to get the plant as speedily as possible.

A Demand for Properties. All the mining brokers report a lively demand for mining properties near Nelson, especially for gold and copper propositions. Several big deals are on the tapis now, some for cash and some under bond, details of which can be obtained the first of the week.

Nelson Notes. J. McCreath, one of the owners of the Tennessee, near Ymir, returned