

SATISFACTORY WORK ON THE PATHFINDER MINE.

A Company Formed to Engage in the Boomage and Milling Business—Water Power Being Developed—Much Travel in Boundary.

Grand Forks, B. C., July 11.—[Special.]—Work on the Pathfinder mine on the North Fork of the Kettle river, is progressing satisfactorily. No. 1 shaft has been sunk along the foot wall to a depth of 100 feet and crosscut a distance of about 23 feet. This crosscut shows about 12 feet of ore of good shipping grade. The exact extent of the vein has not yet been determined, as the crosscut has not been extended to the hanging wall. The south drift in No. 2 tunnel is in 35 feet. It shows up a fine body of chalcopryite ore with a quartz gangue. Counting the width of the tunnel at five feet, and drilling a hole four and a half feet, and striking the wall, the ore body thus far has been demonstrated to be at least nine and a half feet wide. The values are in gold and copper running from \$12 to \$28 per ton in gold and copper, as well as two ounces of silver. The surface slope, 130 feet south of the same lead, is 12 feet wide of clean ore averaging \$20 to \$30 per ton in gold and copper. Two shafts are at work on the drift. One shaft is employed on the surface cut. A five-drift plant will be installed as soon as the railway reaches the Boundary country.

A local company has been incorporated under the rivers and streams act for the purpose of engaging in the boomage and milling business on the North Fork of the Kettle river. The incorporators, who are backed by eastern capital include Richard Armstrong, Chas. Cummings, E. Spraggett and H. S. Cayley. They intend to clear the river of all obstructions for a distance of 60 miles north of Grand Forks in order to facilitate the floating down of saw logs. A dam will be built above the city. The proposed improvements, which will cost about \$35,000, will have the effect of concentrating the Grand Forks a large saw mill industry which promises to give employment to hundreds of men for many years to come.

The magnitude of the water power now being developed on the North Fork of Kettle river, near this city, for the Grand Forks smelter, can be appreciated by the fact that in addition to supplying its own requirements, the company proposes selling electrical energy to a dozen or more tributary Boundary mining camps. Owing to the cost of getting out wood for fuel purposes, electricity can be furnished for compressor plants at one third of the existing cost.

The travel into the Boundary country through Grand Forks is increasing by leaps and bounds. The arrivals here by stage exceed 100 daily, and frequently the new Yale hotel has been opened, the hotel accommodation here is still insufficient. A goodly proportion of these arrivals represent business men who are visiting various points in the Boundary, in a view to selecting business locations. The permanent population of the city, according to the estimate of the chief of police, is being increased at the rate of about ten daily. There are 500 more people here than there were two months ago. Despite the number of buildings that have been erected, or are under construction, many new comers are unable to secure proper quarters. The result is that the outskirts of the city are literally dotted with tents whose occupants in many instances are awaiting the completion of buildings of their own.

J. J. Whitcomb, while doing assessment work this week on his claim on John McArthur, struck half a mile from this city a body of solid ore at a depth of 30 feet. Assays give values from \$25 to \$43 per ton in gold and copper. Two shafts were placed to work today.

Various municipal bylaws, embracing an extensive scheme of civic improvements as well as a \$30,000 bonus to the Granby smelter, now building here, were unanimously adopted at the polls today, with a single exception. The franchising of J. P. Graves of the smelter company and his associates to run street cars through certain streets of Grand Forks, only received one adverse vote. A. J. McMillan of Roseland, managing director of the British Columbia, Roseland and Slocan syndicate of London, England, which took over the Snowflake property in Greenwood camp, in its town. He is accompanied by W. Astley, consulting engineer. Mr. McMillan reports that the property is being developed on an extensive scale. A 40-horse power boiler, engine and hoist were installed this week. The shaft is now down 180 feet, and in addition there are a number of crosscuts, drifts and open cuts. The C. P. R. spur line, now under construction in Greenwood camp, crosses the claim, which is a gold-copper proposition.

Grand Forks, B. C., July 13.—[Special.]—The members of the Canadian Mining Institute on their western tour will visit the Boundary country. The party is expected to exceed two hundred and fifty. The original intention was to simply visit Roseland and the Slocan camps, but Mr. B. T. A. Bell, the secretary, writing from Ottawa to the Grand Forks Board of Trade, stated that at a meeting of the executive held last week it was decided to include the Boundary country in the itinerary. Mr. Bell added that the program had been changed because the C. P. R. assured him of the extension of its line to this section before the delegates left the east. The Board of Trade of Grand Forks purposes tendering the visitors a reception and banquet.

Mr. F. W. Peters, assistant general freight agent of the C. P. R. for the Kootenays in the Boundary country, is here for a few days. He expressed himself as delighted at the rapid progress made in extending the line west from Robson. The rails have been laid to a point seven miles west of Gladstone, about 20 miles from Grand Forks. Cascade will be reached on the first of August. Mr. Peters stated that he expected to see trains running into Grand Forks by the 15th of August. This city, he added, has been chosen as the station whence all bonded freight destined for Republic will be transhipped. The United States treasury department has consented to locate one of its officers here to facilitate the delivery

of bonded goods. Mr. Peters further stated that in the month or two which would intervene before the railway is extended across the summit, this city will also be the distributing point for all freight destined for Greenwood, Eholt, Midway and other western Boundary towns. Mr. Peters said he observed on his tour that merchants had allowed their stocks to run low, in consequence of the early advent of the railway and cheaper freight rates as compared with charges of hauling goods by wagon from the nearest railway station, 40 miles distant. He succeeded in making a large number of freight contracts here. The railway will not be taken over for two months by the C. P. R.; in the meantime the provisional rates charged by the construction department has no bearing on the classified tariff to go into effect subsequently. The C. P. R. went on Mr. Peters, had the utmost faith in the mining possibilities in the Boundary country. This was evidenced by the enormous amount of money appropriated by the company for the construction of spurs to the various camps. The report about the C. P. R. building into Republic, Wash., is unfounded.

Mr. Peters came in over the line by rail to Gladstone and thence six miles by hand car to the rail-head. He stated that the work on the big tunnel through a mountain east of Gladstone, is being pushed night and day. The men are piercing through the rock, a distance of three thousand one hundred feet. Working from both ends they are now in 16 hundred feet. The work proceeded at 16 feet a day. A compressor plant is in operation. Recently 11 feet of rock in the tunnel was blown out at one shot. Pending the completion of this big undertaking trains will overcome the mountains by means of a switchback, there being six legs on each side. The grades are six per cent with curves of 22 degrees without compensation.

Mr. W. J. Wilson of Nelson, B. C., managing director of P. Burns & Co., is visiting Boundary points. He said a flock of two hundred and seventeen sheep, owned by the firm and recently unloaded at Bossburg, was driven into this section, was badly depleted last week by eating poisonous weeds near the station. Ninety-eight of the animals died.

Grand Forks, B. C., July 14.—[Special.]—While taking a stroll across the hills east of the city on Thursday afternoon, George Cummings discovered a sulphur spring. He was crossing a little gully through which trickled a tiny stream of water when he detected a strong smell of sulphur. Suspecting the cause he examined the streamlet, and was amazed to find a sulphurous deposit here and there along the banks. Following the course whence the water flowed, Mr. Cummings proceeded a few hundred yards to the source, a large sized spring. As soon as he tasted the water he was convinced that he had made an important discovery. Reporting the news on his return to the city a small stampede took place to the spring, which is located on John A. Manly's ranch, three-quarters of a mile from the city limits. The correctness of Mr. Cummings' find was soon confirmed, and already the health giving waters are being dispensed around town as a beverage. Mr. Cummings is laying a pipe from the spring to the Yale hotel. Samples of the water have been sent to Spokane for the purpose of obtaining an analysis. The wide spread diffusion of the copper gold bodies of the Boundary country has again been demonstrated in a decided manner. While building the spur line through Summit Camp this week the Ore Denvers property, a new one on the Ore Denvers property. The news that at once wired to Smith Curtis, the president of the company, who is in Montreal.

Fire yesterday destroyed the recently completed steam laundry owned by Walker & McKenzie, and the adjoining planing mill of McCutcheon & Jones. The fire was caused by a defective boiler, the firemen seeing the futility of saving the blazing structure, devoted their energies to other buildings in the vicinity. The total loss was \$15,000, partially insured. Both firms, owing to the encouragement of the citizens, will rebuild at once.

Grand Forks, B. C., July 17.—[Special.]—The Columbia hotel, owned by the Columbia Townsite company of Columbia, B. C., was totally destroyed by fire shortly after 1 o'clock this morning. The flames had made such headway before the alarm was given that many of the sleeping guests had a narrow escape. Several ladies lost all their clothing and fled in their night clothes from the burning structure. About 400 worth of furniture was saved. Frank Gue, who engaged in the rescue work, was badly burned on the hands and neck. Fortunately the hotel was some distance from other buildings, otherwise the village would have been reduced to ashes. J. B. McArthur, president of the Townsite company, says the hotel was valued at \$10,000. The insurance amounts to \$5,000. The loss of furniture was \$3,000, uninsured. The lessees, for whom great sympathy is expressed, are Dave Morgan and J. Escalot of Roseland. The fire started in an out-house.

Development work is being pushed extensively on the Florence, a rich claim north of Hardy mountain, four miles from this city. Average assays give \$68 per ton in gold, silver and copper, the latter predominating. The ledge is eight feet wide on the surface. The property is owned by R. B. Thomas, C. E. Huff and J. Allen, all of Nelson, Wash.

Judge R. C. Strudwick, a prominent capitalist of Seattle, Wash., has been here for the past few days looking for mining investments in the Boundary country. He is delighted with the Kettle River valley, and predicts that Grand Forks will have a population of 20,000 within 15 months.

A party of eastern capitalists, which has large interests in the Boundary country, arrived here today. The visitors include S. H. C. Miner and wife, Miss Miner, Grandby, Que., E. M. Caroll and wife, New York, and G. Stevens of Waterloo, Que. Mr. Miner, who is a prominent manufacturer, is the president of the Granby smelter now building here. He and his friends are also

heavy shareholders in the Knob Hill, Old Ironsides, Lincoln and City of Paris mines. J. P. Graves is the general manager and vice president of these various companies, as well as of the smelter company. Mr. and Mrs. Graves will accompany the visitors on a tour of the various properties. Development work on the Old Ironsides has reached such a scale that over one acre of ore has been blocked out. This alone insures sufficient ore for the new smelter for a lengthy period.

Over 100 men are now employed at the smelter site under the direction of Superintendent A. B. W. Hodges. The grading of the ground is well under way. A gang of men started work today to quarry rock for the foundation of the smelter stack. The water flume will be a mile long. Its construction will be commenced as soon as the route is leveled. This work necessitates a lot of blasting. The construction of the dam in the canyon on the Kettle river will not be undertaken until the water subsides. The proposed work will have the effect of expanding the upper reaches of the river, creating a lake about five miles wide. J. W. Bye, of Spokane, has been engaged to superintend the brick and stone work at the smelter. A planing mill will be installed shortly. The smelter company has ordered from Chicago a complete plant for a machine shop where all kinds of work can be done. It will also establish a machine shop where all kinds of work can be done. It will also establish a machine shop where all kinds of work can be done.

Col. Topping, of Trail, and Ross Thompson, of Roseland, B. C., were here today en route to visit their mining properties in Sheridan camp, Wash.

(By our travelling correspondent.)

Grand Forks, July 17.—In speaking of the Columbia and Western railway (Robson to Midway division), Mr. J. W. Stewart, superintendent of construction for Messrs. Mann, Foley Bros. & Larsen, contractors for the first section of the Robson to Pentiction branch of the C. P. R., very kindly furnished the following particulars. The road is graded from Robson to Midway, 105 miles, the rails are laid and the line is ready for traffic for 48 miles, the steel gang will reach Cascade City about the 20th inst. and Grand Forks August 15. The bulldozing tunnel, over which the switch back has been built, will be through about October 31.

Robson to the McCre Creek summit, 30 miles, along the McCre Creek, is the heaviest rock work ever constructed in this western country. There are thirty-six bridges on this 30 miles, which took 7,000,000 feet of timbering alone.

The Porcupine creek bridge is 200 feet high, and the largest wooden structure in the country. It has absorbed 1,250,000 feet of lumber. The bridge crossing the Kettle river near Cascade City is 1,600 feet long and has taken 1,500,000 feet of timber to complete it.

The whole 105 miles will be completed by the end of September 15, and would have been finished some weeks ago were it not for the scarcity of the particular kind of timber called for by the contract specifications in the vicinity of the road. Most of it, "Coast fir," was brought from Westminster and Vancouver.

There are eleven sidings on the 105 miles which are to be erected later on, viz: Shields, distance from Robson 10 miles; Tunnel, 22 miles; Summit, 30; Gladstone, 36; Sutherland, 48; Cascade City, 54; Columbia for Grand Forks, 70; here the line crosses the Kettle river twice in a distance of one mile, and goes right through Columbia, so that Grand Forks will be about a mile from the railway station; Eholt, 82; Greenwood, 92; Midway, 105 miles.

Messrs. Porter Bros. built all the bridges and are now laying the steel, Mr. Stewart says, in first class shape.

The Columbia Telephone and Telegraph company is making rapid progress with the construction of their trunk line at this end under the personal supervision of W. Davy. The line is now complete and in operation from the boundary line at Cascade to Grand Forks, Niagaras, Summit Eholt, Greenwood, Anacosta, Midway and Rock Creek, and will be completed by the end of the month. A force of men are putting in exchanges for the local service at all the above places, including Roseland.

The customs receipts for duty on American goods received at the port of Grand Forks for the Boundary country averages \$3,000 per month.

SLOCAN CITY NEWS.

Want of Proper Roads Prevents Shipping. Notes of the Mines.

Slocan City, July 17.—[Special.]—A shipment of ore will be made from the Fourth of July group of claims shortly. R. Butler left on Friday to make arrangements. A carload of ore was shipped from the Tamara group on Springer creek last Thursday.

Were not for the want of wagon roads in the Slocan City division there are a number of properties which would ship right along, but the high rates for packing everything down prevents to a great extent at present.

J. W. Williams, who has just bonded the Chaplain, is now looking at the Duchesne group on Lemon creek with the object of purchasing. This group consists of three claims owned principally by local men, and the price asked is understood to be \$2,000. The ore is very rich going high in free gold.

The Skylark and Ranger have been bonded to Dickinson & Felt for \$18,000. They are acting for eastern capitalists. The bond is for 12 months time, and \$2,500 cash has been paid down. They have the privilege of purchasing outright within 60 days for \$11,000 cash. Work will be started at once.

with about 30 men and are paying the \$3.50 per shift. The Wakefield will soon resume shipping. They are engaging all the miners they can at \$3.50 per day.

Work on the Condon was started last week. A 100-foot crosscut will be driven on the A. E. at New Denver at once.

While doing assessment work on the Capella group at New Denver, 3 1/4 tons of dry ore was taken out and shipped to Trail smelter. After paying all charges this netted them \$239.00. The ore ran from 164 to 268 ounces in silver and from \$2 to \$3 in gold per ton.

Another tunnel has been commenced on the Silverite at New Denver to tap the lead 400 feet deeper. The site for the Wakefield concentrator has been surveyed.

Shipments from Slocan Lake points for week ending 15th July: New Denver..... 20 tons to Nelson smelter Tamarac..... 40 tons to Trail smelter Slocan City..... 2 tons to Nelson smelter Total..... 80 tons

WARM WEATHER AT REPUBLIC

MAJOR LECKIE IS PLEASED WITH THE REPUBLIC MINE.

In the Mountain Lion Good Progress is Being Made With the Upraise—Mayflower is All Right.

Republic, July 15.—[Special.]—The weather has been unusually warm for the past few days, in fact, at present it is a shirt sleeve camp, and the great majority of idle men have taken to the hills and the various camps, as prospectors and assessment workers, and also developers of their various properties.

Major R. G. Edwards Leckie is highly pleased over the Republic property, as the values are increasing during development in the great mine. There is a great deal of undeveloped property in the north end of the Republic, and it is understood the entire vein will now be thoroughly developed. The No. 4 tunnel is being driven at the rate of twelve feet per day, and is now in over 1,200 feet, with about 1,000 feet to run.

In the Mountain Lion good progress is being made in the upside, for the mine needs air in other parts of the mine. The north end of the mine is receiving considerable attention. A drift has been run at a small vein about nine feet wide, which has proved one of the best ore bodies yet found. The north and south drifts are in more than 400 feet of pay ore. Preparations for the mill are active, although no details are given out yet.

News of very rich ore from the Mayflower, near Sheridan camp, has been received here. The property is owned principally in Roseland.

At present the south half is the fashion Major Leckie, Supt. Dan Clarke, of the Clarke mines, John Brenahan, and others made a trip, and are well pleased with the outlook. The forks of the San Pool, 13 miles on the road, are also a wonder; apparently torn by the big Harrison hot springs in British Columbia. He promises to make it first class and modern in all respects. Such an hotel is sadly needed here and will receive good patronage.

Wells & Woodhouse are completing their water system in the north end of town. Two big tanks, which hold 40,000 gallons of water, are being built in the north east part of town. A six inch steel pipe will bring the water to a point near Clark avenue. Hose have been purchased, and the north end will be well protected from fire.

The Blacktail mine, in all its workings, is looking fine. Shafts and tunnels are being driven steadily, and its superintendent appears well pleased over the outlook.

IN THE SLOCAN.

Statement Issued by the Payne Company. Other Items.

A. E. Rand has purchased the D. W. Moore's interest of the Ocean claim for \$10,000, and which has an excellent showing. This property is near the Payne.

The Noody has 30 men at work.

On the St. Louis group, on Lemon creek, a bank of six feet of free milling gold has been encountered.

George Nichols, after drifting on a five-foot level on the Great Britain, near Slocan City, has a new contract for 100 feet of tunnelling.

A small find of ore has been made on the Mahon, next the Enterprise.

The Wakefield mines are in shape for their new tram and concentrator.

The Golden Wedge Mining company are negotiating for a deal on the St. Louis mine.

A stamp mill will be erected on Lemon creek, a short distance from the Alexander group.

The Shamrock at Slocan City is shipping regularly.

There are 75 men at work on the Four Mile properties.

The management of the Payne mine has issued a statement of which the following is an extract:

Ore shipments—December, 1896, to May, 1st, 1897—3,036,107 tons of silver, 29,825,209 lbs. of lead. Net smelter proceeds, \$1,630,170.33.

Ore shipments for May, about 1,170 tons. Net smelter proceeds, about \$55,949.

One reserve—Block one to four, inclusive, and old stops, 18,825 tons; block A, B, C, inclusive, and old stops, 13,667 tons—net smelter value, \$1,267,235.64; net value over and above all expenses, 906,297.64.

The McDonald Mines.

All the treasury shares remaining of the McDonald Mines, consisting of 150,000 shares, have been sold to Messrs. A. J. Baker and Lionel W. Harris of London, England. The work is to be pushed with energy now. The intention is to put in a pump and a water plant. There is now a 10-stamp mill on the property and this is to be increased at once to 20 stamps. It is expected that the work of milling ore will be commenced on September 1st. The control of the stock of the company is held in this city.

MEN OF MEANS.

They Are Going on to the Reservation Looking for Mines.

Republic, Wash., July 12.—[Special.]—The nights continue unusually cool, but the days are bright and warm until the sun goes down and then it is not so pleasant. The Sivas, horses and ladies, have scurried off to their respective tents and tepees and the incoming stages bring the only new faces to the camp. But the new arrivals are men of means and represent capital. They quietly and with neither fuss nor feathers, strike out to examine the great mineral belt from the south half to the rich mines of Toroda, Sheridan, Iron mountain, the Klondike and other camps too numerous to mention. The stories of the returning observers are very interesting. Some of them are men who have traversed most of the gold and silver regions of the globe. From Transvaal, Australia, Uruguay, Mexico and Alaska, these searchers of treasure have travelled; Montana, Roseland and all of British Columbia were taken in by these men of mining experience, evidently with the same zeal the tourists take in Europe.

Roseland and the country tributary to it, including British Columbia and Republic, with its surrounding rich mines, has apparently taken their fancy, and they seem to have a weakness for British Columbia and the rich mines across the American line.

Bids are advertised to run an 800-foot tunnel on the George Reed property, 13 miles south of Republic. The tunnel is to be four feet six inches wide and six feet six inches in height.

The incline shaft, following the Gopher ledge, is now down 40 feet. The ledge is seven feet wide of solid quartz. Sinking on the vein will be continuous. The Agnes, adjoining the Gopher, has now a 75-foot shaft. They are crosscutting. The decoy property is similar to the Gopher and Knob Hill veins. It is thought they will be encountered. Superintendent Helm leaves for Roseland tomorrow, but will return in a few days. He feels very sanguine.

The Lone Pine and the Lone Pine, half a mile from Myers creek, has a crew of men crosscutting and stripping on the surface, to locate the pay chute. The property will be developed by a shaft. The surface croppings are from 50 to 75 feet wide, and the assays run as high as \$81 in gold, copper and silver. Quite a number of claims are being developed in the vicinity. On an air line the distance is about 25 miles from Republic.

During the past week a 30-foot level has been opened on the O. K. property, belonging to the Anglo-American company. It lies near the Mountain Lion and undoubtedly has a connection with that famous ledge. The Lieberkrantz is near the O. K., and the ledge found on each appear to be of the same character. Heretofore the principal work of the O. K. has been done deeper, and more permanent work is being done.

ROSSLAND INTERESTED.

The United States and Canadian G. M. Co. Secures a Promising Property.

Republic, July 13.—[Special.]—Although this is rather the holiday and camping out season, considerable activity prevails in the district. Roseland people are interested in the purchase by the United States and Canadian G. M. Co. of the Quartz Cap, a property located but a short distance from the Mountain Lion and adjoining the Lieberkrantz. The company already owns the Nalbra, about three thousand feet east of the Republic mine, upon which good showings have been made. This recent purchase by the company shows their confidence in near as possible to the biggest propositions. Work on the Quartz Cap is to be commenced at an early date, and the development will be rapid. Hugh Henderson, president of the Le Roi brewery, Roseland, is president of the company, and one of Roseland's dry goods merchants is secretary.

The Lucky Hill claim, adjoining the Mountain Lion property on the south, is being worked, and some good rock is being taken out of the shaft. The owners claim the Mountain Lion lead, which of course they may have, but with more development they will be better able to demonstrate their theory. Articles of incorporation are now being made out under the name of the Republic Lion Mining company.

The Excelsior Mining company, located about five miles south of the city, has a sixty foot tunnel, and has contracted for an extension of 150 feet. The main lead is expected to be struck at a depth of 100 feet, and the assays are looking for, as assays running as high as \$34 have been obtained on the surface.

The Sam G. Newbert is looking remarkably well. The winze on the 100 foot level has shown the vein to be very regular and the average values considerably above those heretofore obtained. The management is starting a crosscut from the bottom of the No. 2 shaft, which is 150 feet deep. The intention is to determine the exact size of the veins, and after determining that point, they will sink a working shaft and install machinery. The thumb is looming up as a great possibility.

The Clackamas Gold Mining company is a new company, with a group of six claims, located in the Wacunda mining district, about ten miles west of Republic. They adjoin the Wacunda group on the south, and are going to be developed by a tunnel, which will be driven 1,000 feet, and will tap the five different ledges at depths of from 100 to 500 feet. The surface indications show the ledges to be from 6 to 100 feet wide, and the assays run from \$2 to \$200. Work will start immediately on the tunnel, which will be easily driven.

The tunnel running from the summit vein near the Republic mine is now in 400 feet, with no particularly new developments.

It is not often that twin chickens are born, but the unusual sight was witnessed recently during a visit to a poultry farm near Chicago. Two chickens from the same egg are here, and they have already already received an offer of \$25 for the pair but prefers to keep the chickens. His attention was called to them first when he saw two bills trying to break out through the shell. The egg containing the twins was carried into the house. The shell was carefully removed, and the two infant chickens were given their first sight of the world. They were wrapped up in cotton batting and were placed in the oven of the kitchen stove and kept there for some time.

ACTIVITY AT PEACHLAND

DEVELOPMENT WORK IN PROGRESS ON MINING PROPERTIES.

One Bodies Carried At a Great Depth—A Quicker Way to Princeton Than by Spences Bridge.

[Correspondence to The Miner.]

Peachland, July 15.—Bathing and boating are now the order of the day in Peachland, sports to which the limpid waters of the Okanagan invite with very persuasive voices. An interesting addition to the fleet of boats is the Fairy, an elegant gasoline launch built on the ground here by Mr. Alex. Miller for use by one of our citizens.

Mr. J. M. Robinson has purchased from Registrar Dumble lot 490 on which Peachland is situated. It is his intention to irrigate those portions of it which require more water, and to have it laid out and surveyed into lots and blocks. Water rights for the town have been secured on Murphy creek, a creek fed by a perennial spring half a mile back on the hill, and when the right time comes a reservoir will be built sufficiently large to supply the town, and pipes will be laid to the houses.

Considerable development work has been done on a number of prospects, all of which are looking well so far as surface indications can go, but it is evident that this country, like that of Roseland, carries its own bodies at depth. On the Winifred, the Mountain View, the Lake View and the Gladstone, all owned by the Camp Hewitt Mining Company, good showings have been found, but greater depth will have to be obtained before permanent and large results can be expected. The ore in the Stag shaft resembles very much that of the Silver King ore at Glen Robinson, though at present depth not so rich. On the Gladstone the miners are working full of hope. Foreman Gillespie, not unknown in Roseland, says we may be startled any day from present appearances, and there is doubtless as much truth as poetry in his words, since a record assay went as high as \$67.70 in gold and copper.

The North Star company have also been doing some development work near the Stag, and are highly pleased with results thus far, though only 40 feet of depth have been attained, as also other prospectors who have been doing work on their claims in the vicinity. By the way, two old prospectors who have been making locations in the Copper Mountain country, have turned up, and say that this valley has just as much to offer in the way of mining as the Princeton region, of which so much has been heard lately. Give us time, Mr. Editor, and great things will be heard of us too.

Up at Glen Robinson Canadian-American are sinking in the Silver King. The shaft is down about 170 feet, and it is all in one heavily mineralized in copper pyrites, showing also galena, red oxide and sulphur iron. Superintendent Shelton wears a broad smile when the Silver King is mentioned, and begins to compare Lippsett mountain with the famous mountain at Butte. Ventilation in the shaft by artificial means has become necessary, and the required apparatus has been installed. As the most recent assay from this shaft was over \$30, and the shaft is steadily improving, in every way, with depth, it is safe to expect great things here. Crosscutting will begin at the 300 foot level. Even better ore is expected on the hanging wall.

Dr. Waterhouse, of Spokane, is having his second assessment made on his claim.

Lively Times Expected in About Two Weeks—Mineral Development.

(From Our Travelling Correspondent.)

Cascade City, July 15.—It is confidently expected that although the city is not yet incorporated it shortly will be, and although business is rather dull just now there will be very lively times at Cascade in two weeks, as by that time the steel gang and all their belongings on the Columbia & Western (Robson to Midway) railway will be at Cascade. The mountain journey by stage from Bossburg to Cascade will be a bygone experience.

Considering the fact that the city is only about 12 months old great progress has been made and the residents there who have invested their all in buildings and mineral claims in the adjacent rich mineral district deserve all possible praise and encouragement. The population is variously estimated at from 250 to 500; there are 11 hotels, several general stores, including the B. C. Merchants & Mining syndicate who have branches at McCreas landing and Gladstone. There is a very nice postoffice erected specially for the purpose and owned by the postmaster, Mr. Cameron. The Weekly Record, owned and published by Mr. W. B. Wilcox, two long-distance telephones, all religious denominations and the medical faculty are well represented, and there is a very good school. The city is reached from Roseland by Red Mountain railway to Bossburg and stage for 28 miles in 7 1/2 hours; the distance by the Dewdney trail is about 35 miles.

Several very good mineral claims are located in the vicinity of Cascade and are being vigorously developed. Notably the Victoria, Iron Mountain, Cannon Ball, Mystery and the Mother Lode, in the now celebrated Burnt Basin, 10 miles east of Cascade. Great things are expected from the motor power, which is being conserved at the Cascade falls. The work on the dam to develop 5,000-horse power, discontinued some time ago, will be started again almost any day now that the water has fallen to its normal level. The dam as projected will be 35 feet high and 400 feet long, the work is about half done, and it will take six months more to finish it.

The intention is to develop and transmit electrical power for all the mines in the Boundary country. The flume is to be one quarter of a mile long, 800 feet of which will be in the nature of a tunnel through solid rock. The power house will be a solid structure of stone and brick, at the foot of the falls, below the ledge which now enables the stages to cross the Kettle river. The poles for the electric current are already erected from Wellington camp via Grand Forks to Cascade.

Two Dollars FROM OTHER

Notes of Interest From Southern

BUSY SEASON AT

Notes from East Kootenay Lake and the Boundary

Prospectors Working in Eastern Victoria in the

Appended is the usual progress being made adjoining camps in Southern. There has been talk of compromise owners and the men question, and practical change in the situation section of the province.

Notes of interest will from the Slocan, Trout enay and the Bounda

EAST KOO

The Lake Shore Com

Work will be begun Union Jack, situated

The contract for the compressor building of mine has been let. The 30x40 feet in size. On machinery has arrived plant will be running August. An office built erected at the mine. 2x24, two stories high has been started 80 feet hill than the present. Work is being engaged every department, and August the Lake Shore daily shipper and have least 40 men.

The first carload of city Girl mine was a Mines smelter at New Work at the mine is pr The new tunnel is ve the ore bodies in the in width as depth Switzer tables, two six two sets of crushing ton mill, and one la with a set of revolving The machinery will be power of 420 foot built be two ore bins built feet high, and the other

There is great excitement over the Red Light sight on both sides of over the summit giving feet in length with a Where the ledge has 26 feet in width. The feet of ore running 840 mates that there is a in sight and the mak known mine in the W. M. E., says that if the \$25 in average values Comstock. The scrap claims, viz: Iron Cap, ton and Red mine. The \$25 is being returned for \$100 by E. A. Hagen run 620 ounces, copper 9.8 g. p. c., silver \$504.50.

THE SLO

Many Properties Being Interest About