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The Cassiar News

Devoted to the Interests of the Mining Districts of Northwestern British Columbia

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VOL. 1 NO. 2 — STEWART, B. C., June 6, 1919 — $5 the year—10 C the Copy

ACTIVITY RESUMING ON PORTLAND CANAL

Vigorous Development is Being Undertaken this Season On Many Properties all Along the Canal and Bear River Valley.

ACCORDING to every report, the Portland Canal district will witness a vigorous development this season. Stewart is at present almost deserted of her prospector population, for these hardy men of the outposts of civilization have taken to the hills, some to do their annual assessment work and others to make new locations in districts already proven and districts which they have pasaed over in previous seasons. It seems likely this whole district will receive a careful and painstaking exploration this year, for prospectors have aired their determination to make this season's work as thorough as natural conditions will permit.

There is a strong probability that several of the old companies, formed back in 1910, will start development again. In the following report, George Clothier, government district engineer, makes reference to only such properties as have been worked during the past few seasons. What Mr. Clothier has to say of these properties, coming from such a conservative engineer as he is known to be, is bound to attract favorable attention.

Prospectors now are scattered in all directions, and soon they will come trekking back, and undoubtedly with important news. From all parts of the world they have come—Nevada, Colorado, the Kootenays, Montana, the Yukon and Alaska, Cobalt, Arizona, Mexico, South America and the mining states of Australia, all are represented by men who follow the business as a profession and not a few of whom have made fortunes out of old Mother Earth.

The Portland Canal mining division in area is the smallest in the Province, and includes a strip along the eastern side of Portland canal to the summit of the range between the canal and Observatory inlet, and from the head of the canal to the headwaters of Bear river, American creek, Salmon river, and tributaries of each.

The mineralized portion of the Division is mainly confined to the eastern contact of the granodiorites of the Coast range and the sedimentaries, being identical with the formation at the head of Observatory inlet. There are about 180 Crown-granted claims.

This district has had a very important revival of mining activities during this year. In both the Bear River and Salmon River valleys development work has been under way which may have far-reaching results. The rather remarkable progress made by the Premier property, the discovery of an apparently large body of similar ore some three miles farther up the valley, and the renewed interest displayed by large mining corporations in the low-grade complex ores of the Big Missouri group assure the Salmon River valley of a thorough investigation during the coming year.

A great deal of development work has been done by the Granby Consolidated Company and the Fernie-Spokane people, who are developing the Premier property on Salmon river. The Granby Company has been mining at Maple bay and Swamp point, procuring limestone at the latter point. At Maple bay the company has under option a group of claims owned by Noble, Collison, and others, from which was shipped 5,341 tons of siliceous ore carrying a small percentage of copper and small values in gold and and silver, which was utilized for fluxing purposes at the Anyox smelter. The company also shipped from Swamp point 64,604 tons of limestone.

GEORGIA RIVER

Farther up the canal is the Guggenheim group, consisting of eight claims—John D. Guggenheim, J. P. Morgan, Danny, Lookout, Summit, Charlotte, and Hillside—none Crown-granted. They are owned by the Georgia River Mining Company and are under the management of C. H. Dickie, of Dunsan, B. C. They are situated about five miles up the Georgia river, on the west bank, along which a trail has been constructed for about four miles from the canal, on a grade of about 7 per cent. Georgia river flows into Portland canal about seventeen miles north of Stewart, at the head. Access to the property at present is from a point about eight miles from Stewart, from which the summit of the first range, 4,000 feet elevation, is reached in three miles, thence dropping 1,000 feet in another mile to the camp.

There are several veins cropping on the surface, but all development has been concentrated in the Bullion tunnel, which is at an elevation of 3,450 feet. It has been driven on the vein for 390 feet, of which 132 feet is in ore which varies in width from 4 to 12 inches. The ore-shoot has been further proven by a raise of 35 feet through to the surface, from which bonanza ore was taken, and a further depth of 32 feet by winze from the bottom of the tunnel. The more or less sorted ore on the dump taken from the tunnel averages $47 a ton in gold.

The "Big Showing" on the property is a quartz vein outcropping at intervals for a length of 1,200 to 1,500 feet. It varies from 10 to 20 feet in width and strikes about N. 50 degrees W., intersecting the vein on which the tunnel has been driven at an angle of between 20 and 25 degrees. The intersection of the veins is not apparent in the tunnel, but should be found with little difficulty, from which point the big vein could be drifted on, securing a depth of 300 feet under its surface exposure, the government engineer says. An average sample across 19 feet on the surface gave assay returns of $22 a ton in gold (private report).

A small milling plant is planned by the company, with the improvement of transportation facilities. The numerous high-grade quartz-lenses occuring in the argillites should be tempting to the leaser when milling is available.

The region farther up the river has had little or no prospecting.

GEORGE COPPER MINES

This group is composed of nine claims—Mamie, Beaste, Gold Crown, Copper Queen, Copper King, Copper Lord, Castle Rock, Helena, and Royal—owned by W. B. George, of Stewart, and R. George, of Vancouver, B. C.; situated on the south side of Bear river, four miles west of the Nass divide and six miles east of the head of rail, at Red Cliff, of the Portland Canal Short Line Railroad. At the base of the hill on which the claims are situated, Bear River valley has an elevation of 900 feet. The upper camp is 2,100 feet. The hill is very steep, but a horse pack-trail could be built with a good grade from the valley to the upper camp, to which at present there is a foot-trail. In the event of it becoming a producing property, no difficulty would be encountered in constructing an aerial tramway.

(Since Mr. Clothier's report a cross-cut has been put in disclosing 9ft. 6in. of solid ore averaging as high as showh in the report.)

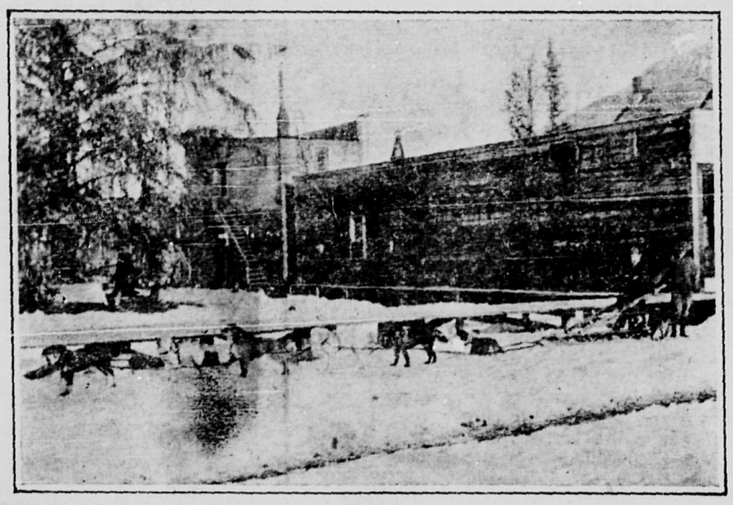
The country-rock is greenstone, locally called the "Bear River formation," after McConnell. There are on the property several veins and an extensive mineralized zone of from 70 to 80 feet in width lying very flat and striking N. 70 degrees E. This large mineralization occupies an altered, more or less silicified area in the greenstone, and in which iron sulphides are disseminated, accompanied in some places by chalcopyrite. Combined pyrites and chalcopyrite also occur in bunches. There is a tunnel in this ore-body 105 feet long which is practically barren, the surface over the tunnel showing very little mineralization. This zone might develop a large tonnage of low-grade ore, Mr. Clothier says.

About 600 feet east of the tunnel, at an elevation of 4,000 feet, is a strong cropping of three veins contained in a width of 50 feet. Little mineralization can be seen on the surface in the filling between these veins, but it is very probable that they are all the same ore-zone. The best ore in all three will aggregate 10 feet, averaging $4 a ton in gold, 30 cents a ton silver, and 3 per cent. copper. The veins strike about N. 55 degrees N., or a variation of 55 degrees from the strike of the main zone mentioned above, standing practically vertical and can be traced on the surface for over 1,000 feet. Shots have been put in at several places, exposing iron and copper sulphides.

East of the three veins, and no doubt intersecting or joining them, is what is called the "White Vein," striking about the same direction as the

(Continued on Page Two.)

Traveling at Stewart When the Snow Was Deep.



ONE MIGHT easily be deceived by this picture and associate Stewart with the Arctic. Although this region has heavy snows it is not terribly cold. Dog teams are sometimes used on long trips. The snow has now gone except on the higher places.

TELEGRAPHIC NEWS

WINNEPEG, June 6.—Mayor Gray has put a bann on all street parades and has sworn in 3000 special constables to cope with the strike situation. The strikers declare they will parade.

VANCOUVER, June 6.—The street railway system has been tied up since Wednesday night by the general strike. A jitney service has been legalized by the city council in special session Thursday night.

HALIFAX, June 6.—The Muritania docked today with 3900 soldiers.

WASHINGTON, June 6.—President Wilson today declared that the Peace Treaty did not violate his fourteen points.

VANCOUVER, June 6.—All coastwise shipping is tied up in Vancouver and Victoria except Nanaimo and Victoria runs.

The Empress of Russia, now in Vancouver, is being unloaded by the C. P. R. officials.

A committe of citizens may unload one thousand lots of mutton today from the Steamer Makura.

A censorship of press news by the Typographical Union in Vancouver was lifted after a brief existence of 24 hours.

ANYOX, June 6.—When the Prince Rupert left here it was said it was her last trip and she would tie up on her return to Vancouver.

SECOND RETURN FROM PREMIER

Last Shipment of Ore Goes Better than first---More than One Hundred Thousand From Small Tonnage.

Although the last shipment of ore from the Premier mine went to the smelter at Tacoma some time ago, the returns have only just become public.

The shipment contained 280½ tons and returned $101,000. Work at this mine is now being prosecuted in very rich ore and reports regarding operations are most encouraging.

A large amount of supplies came in by the last steamer and were taken to Hyder, Alaska, by scow, thence up the Salmon River valley to the mine. W. H. Young, of San Francisco, a widely-known engineer, is at present at the mine.

SILVERMAN BOUND FOR STEWART.

Sam I. Silverman of New York, vice-president of the Bush Mines, Ltd., and a heavy investor in other Salmon Valley properties, left New York on June 5, bound for Stewart.

START NEW WHARF SOON.

Work on the new wharf and repairs to the approach is to begin in July, according to report. The old wharf is in very bad condition in places. The estimated cost of the work is $34,000. Piling for the new wharf has been in the water for some time.

Among arrivals from Prince Rupert at the King Edward hotel are J. H. Morris, D. Ross and John Meeker.

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TALK OF RAILWAY UP SALMON RIVER

Men Interested in Mining up Salmon River Valley Said to be Interested in New Development Plans.

A railway from Stewart to Hyder, Alaska, thence up Salmon River Valley and back into the mineralized zone on the British side of the line is being promulgated. It is understood that a charter will shortly be applied for and that private enterprise will build it without any government guarantee, if there should be any difficulty in obtaining the backing of the government.

It is pointed out that a large tonnage can be obtained immediately for such a railway, and in the course of a few months the tonage would be such as to assure the promoters that the first cost of the line would be paid off in a comparatively short time.

Construction of this would have the result of increasing activity in the Salmon River district; the production of large tonnage and in bringing millions of dollars into this province. Not only are the ore bodies of the Salmon very large in extent, as already proved by what development has taken place, but the values in silver and gold are unusually high for such large leads as have been exposed.

Brennan and Ellis of the City Meat Market have dissolved partnership and the business is being continued by the latter.

E. R. Workman was down from the Premier mine during the week and went back this morning.

HOSPITAL BENEFIT DANCE AT SCHOOL

Plans have been perfected for the dance of the season to be held in the Stewart schoolhouse on the night of July 1. The proceeds are to be devoted to the Stewart hospital and, especially on that account, the dance is assured liberal patronage. Tickets are to be sold for $1.50. The dance is purely charitable and it is hoped that everybody, whether he dances or not, or whether he goes to the dance even, will "come across." The directors are in touch with a physician and it is expected the hospital will be open soon. The building needs some slight repairing and this will require a little money.

SELLS OUT GEORGE STOCK.

Government Agent Jack who is settling up the estate of the late Gus George, has been busy the past few days disposing of the stock of groceries left by George.

J. C. Campbell of Vancouver was one of the arrivals on the last boat.

Chas. Lind of Hazelton is visiting Stewart.

Mr. and Mrs. O. B. Bush returned on the last boat.

Mr. and Mrs. William Saunders have decided to locate in Stewart. Mr. Saunders is well known in Alaska.

Stewart sidewalks will require attention soon and Roy Moseley makes the suggestion that a half holiday be declared and everybody get busy on the walks. This plan worked very well at Hazelton and other places. The sidewalks have stood up very well so far and very little work will put them in firstclass shape. Odd planks could be got from parts of the walk that are not much used.

MOOSE CLAIMS ON ALICE ARM BONDED BY BUSH

Stewart Pioneer Obtains Control of Valuable Property in Alice Arm District---Group has Good Showing.

Work Will be Started at an Early Date O. B. Bush Says---Claims are in What is Known as the Silver Belt.

High Grade Ore has Been Disclosed by Work Already Done ---An Easy Proposition from Shipping Standpoint.

O. B. Bush of Stewart has taken a bond on the Moose property, in the Alice Arm district, from Don Cameron for $150,000, It is understood that work will start about July 15.

The Moose group comprises six claims adjoining the Climax up the hill. The vein is of pyritized quartz lying in the andesite belt, locally termed the "silver belt."

The Moose has been opened up in several places by open cuts which expose some very high grade ore which can be shipped when the railroad is completed.

BIG STRIKE WILL AFFECT STEWART

A General Shortage of Food Will Be Temporary Only--Launches Can Bring Goods from Prince Rupert.

Reports from the south indicate that the boats will be tied up indefinitely. Local merchants have big supplies on on order but these cannot arrive. It seems certain that the strike will not last very long. But there need be no local alarm for if it should become necessary local launches could be sent to Prince Rupert for food.

It is probable, however, that the strike, coming at this time, will delay for a considerable period the influx of of visitors. Hundreds no doubt had planned to visit this part of the country and not a few to remain and go into business.

According to all reports this month was to be a banner one for northern travel. The mining districts were the magnet. News of the great Premier mine and the excellent mineral showings up Salmon River valley, Portland Canal, Alice Arm and other places in northern British Columbia has traveled far, and mining men are bound in this direction.

The strike will cause many to change their plans for the time being. This causes regret here for the country has a lot to show for the years of development work since the boom of 1910.

When transportation facilities become normal again the travel north no doubt will tax the capacity of all the boats.

Then this section ought to see the steamers crowded for weeks. Before the strike was called the Prince John was crowded every trip as it was and plans were being made for increased service.

CHALLENGE FROM ALICE ARM.

The baseball team of Alice Arm issues a challenge to a baseball team from Stewart for two games, one in each town. Roy Moseley is in correspondence with the Alice Arm people over the proposed games. Nothing definite has been settled yet. Stewart players have not organized but, there are some good players in the camp and with limbering up they would make Alice Arm hustle.

DANCE AT SCHOOLHOUSE.

A dance at the schoolhouse on Monday night was a pleasant affair which everybody enjoyed. Supper was provided by the ladies and music by the Stewart orchestra.

THE CASSIAR NEWS

JAMES CULLINS - - - Publisher

A newspaper published in the interests of the Salmon River, Portland Canal, Alice Arm and Anyox mining districts.

Subscription Five Dollars a year

STEWART, B. C., June 6, 1919

If the mineral showings of the Coeur d'Alenes, Slocan, Portland Canal, or any of a dozen other districts in the Northwest could be transplanted in Nevada they would immediately cause the greatest mining boom in North American history. In the Sage-brush State the very air is charged with the electricity of mining excitement and when the state line is crossed one knows instinctively that he is in a new atmosphere of optimism and hope, where the mining operator and his camp follower, the shoestring adventurer, are accepted as the very salt of the earth. At Divide, seven miles south of Tonopah, still the most prolific silver camp of the Southwest, one of the greatest booms of mining history is now in full swing, with the sensational and romantic trimmings that made Tonopah and Goldfield the talk of the world. From all points of the compass adventurers are rushing by the hundred; accommodations command fabulous prices; stocks are bounding up and tumbling down in kaleidoscopic confusion; San Francisco brokers are physically unable to handle all the orders thrust upon them and many men have traveled from pauperism to millionairedom, at least on paper within a few months. Comparisons are usually odious, and yet it will do no harm to point out that the Northwest can duplicate, and perhaps surpass, the mineral wonders of the Southwest. For instance, it is doubtful if anything in the history of the latter, except possibly a few Goldfield ore bodies of short life, can compare with the sensational Bush (Premier) mine, on Salmon River in which mine, by-the-bye, Spokane is lucky enough to claim a proprietary interest. Within the past few weeks a little over 150 tons of ore, shipped to Tacoma, yielded close to one hundred thousand dollars. This was not the proceeds of an isolated "bunch," or even picked ore, but an initial shipment from what is generally believed to be one of the greatest and richest bodies of gold-silver ore ever found on the continent. Such a discovery in Nevada would have caused a stampede of historic proportions. The Northwest looks on, stolidly and with skepticism. —Northwest Mining Truth.

The returns from the second shipment from the Premier mine were greater than the first. It is a generally accepted fact that this is one of the great mineral discoveries. Several other properties in the district look more promising than did the now famous Premier in the early stages of her development.

It seems likely, in light of information which has reached the camp, that a doctor will locate here soon and open the hospital.

Government Agent Jack has been a busy man since the first of the month renewing miners' and shooting licenses.

Every boat brings its quota of business men who are starting up.

The good weather is starting the prospectors in every direction.

On nearly every boat which arrives whitimers of this camp are coming back.

That mining engineers sometimes are compelled to reverse their early judgment of a camp is exemplified in the history of the Premier mine.

The belief is liberally expressed that every section of this district will receive a thorough prospecting this season and a great deal of development will take place.

Mining Attention Centres On the Portland Canal

(Continued from Page One)

main zone. It can be traced for 2,000 feet on the surface. A sample taken across the vein, just west of the "big gulch," gave 18 inches of quartz and chalcopyrite on the hanging-wall, 8.8 per cent. copper, 0.4 oz. silver, and trace of gold; the remaining 36 inches on the foot-wall assaying 14 per cent. copper, 0.4 oz. silver, and $1.20 gold. Another sample 400 feet west, across 36 inches on the foot-wall, gave 16 per cent. copper, 0.4 oz. silver, and a trace of gold. Another sample 10 feet east of the previous one, from 40 inches on the hanging-wall, gave 1.6 per cent. copper, 0.4 oz. silver, and a trace of gold.

Two hundred and fifty feet south of and parallel to the "White vein" is the "Green vein," cropping at an elevation of 4,900 feet. A sample across 5 feet gave 5 per cent. copper and $2 in gold and silver.

It would be good development to trace the three cross-veins down as low as possible to a good tunnel-site and drift on them to their intersection with the "White vein," and from that point drift on it, is the government engineer's recommendation. Though there is no timber on the claims, there is an abundance in the valley and on the opposite hill. Good water-power could also be developed from creeks on the opposite mountain.

The property loks promising, and credit is due W. B. George for the amount of prospecting and work done on the claims under difficult conditions.

BEAR RIVER MINING CO.

This company holds a group of nine claims west of and adjoining the George copper-mine group. The ore-zone mentioned on the George group extends across this property. A tunnel has been driven 100 feet in a slightly mineralized greenstone, with some stripping and open-cuts above in the same material. The tunnel is at an elevation of 2,500 feet and is too low to tap the ore-zone unless driven a great distance.

GREY COPPER GROUP

Directly west of this group lies the Grey Copper group, consisting of three claims owned by Captain C. E. Clark and associates, of Victoria, B. C. The work consists of an open drift along the vein for 125 feet, giving the maximum depth of 10 feet. The elevation is 3,900 feet and 3,100 feet above Bear River valley. The vein is composed of brecciated wall-rock of argillite cemented with calcite and has a width averaging 6 feet. The ore-seam, lying on the hanging-wall, is about 6 inches of high-grade copper, from which several tons have been shipped assaying 375 oz. to the ton in silver; the balance of the vein is practically barren. The strike of the vein is N. 60 degrees E. and ip about 60 degrees to the south.

A fair trail has been built by the Government from the valley to the camp of the Bear River Mining Company; from this a rough trail has been made to the group by the owners.

RED TOP GROUP

This group is composed of Red Top, Red Top No. 1, Hector, Superior, Superior No. 1, and Superior No. 2 Fract., and is situated on the north bank of Bear river opposite the George copper-mines. Considerable work has been done by way of surface stripping and open-cuts, with encouraging results.

FITZGERALD

About eight miles beyond the Red Top group, or about six miles from the Bear River divide, on the Nass River slope, on Strohn creek, the Fitzgerald Bros. have located three claims, from which they brought into Stewart several hundred pounds of very fine-looking molybdenum ore. The vein-filling is quartz, carrying clean molybdenite, and lies in a tongue of granite intruding the argillites or Nass formation at that point.

OUTSIDER GROUP

The Outsider group is composed of seventeen claims, situated at Maple Bay and owned by Martin Woldson and associates of Spokane, Wash. It is the property of the old Brown-Alaska Company, who opened it in 1906 and in two years' operations shipped several thousand tons of 2.8 per cent. copper ore to the Hadley smelter. The present owners have been operating over a year, driving a main working tunnel on the vein at an elevation of 912 feet above sea level. The old tunnel, from which the ore was extracted, is at an elevation of 1,085 feet.

Last year's work underground consists of driving on the vein for 351 feet and five crosscuts aggregating 114 feet. This work has opened up an ore shoot over 200 feet long that will average 16 feet in width of about 2 per cent. copper ore. With backs of 200 feet on the vein between this level and the stoped level above, this ore shoot will produce a big tonnage of milling ore.

The west tunnel, at an elevation of 1,190 feet, crosscuts to the vein from the surface; then drifts both ways on an ore shoot for 250 feet, averaging in width between 5 and 6 feet. This is apparently another ore shoot farther north than the one being opened up in the working tunnel, and does not appear in the main tunnel drifted under it at an elevation of 1,085 feet. A raise will no doubt be put up from the main tunnel to tap this ore shoot, which will also produce a big tonnage of milling ore. There is also an immense cropping of the same class of ore at an elevation of 2,100 feet, apparently a parallel vein to the one developed.

Unless favorable smelting rates can be obtained, it will be necessary to concentrate the ore to a shipping grade. The ore, consisting of a glassy quartz mineralized with pyrites and chalcopyrite, should lend itself admirably to the flotation process.

At Swamp Point the Granby Consolidated Company employs an average of about thirty men the year round, mining limestone for fluxing purposes at their smelter. The production is about 250 tons a day.

BEAR RIVER SECTION

The Molybdenum group is situated just across Bear River from Stewart, practically on tidewater, and is owned by J. W. Stewart and associates. The only work done on the property is an open cut on the vein at the edge of the river and stripping of the vein for 15 or 20 feet above the cut. This discloses a vein 10 feet wide, consisting of quartz, garnetiferous silicates, epidote and enclosures of a dark-green rock, probably hornblende. The chief mineralization is in pyrites, with a little chalcopyrite and molybdenite scattered through the whole vein, and especially in the dark-green basic rock. The molybdenum content will average about 2 per cent., and about five tons has been sorted and piled on the dump. The property is ideally situated and worth investigating for molybdenum.

PRINCE JOHN GROUP

The Prince John group, owned by Nesbitt & Archie, is situated about four miles above Stewart, on the west side of Bear River. Development consists of surface cuts and a tunnel 185 feet long driven across the sedimentary formation. The cross-section in the tunnel shows 30 feet of greenstone-schists to the ore; then 45 feet of schistose slates and argillites through which the calcopyrite is disseminated and in veinlets and bands interbedded with the slates, averaging approximately 2 per cent. copper and $1 in gold and silver a ton; then 45 feet of acidic dyke; and 65 feet beyond the dyke of sparingly mineralized slates. The Granby Consolidated Company put in two or three diamond drill holes, but owing to the "slippy" nature of the ground the drilling was unsatisfactory, and that they afterwards extended the tunnel through and beyond the dyke. From the showing in the tunnel the property is well worth further extensive development. It has the advantages of timber, water and transportation.

MAYFLOWER GROUP

The Mayflower group of four claims, belonging to H. Gibson, is located on the east side of Bear River, between Glacier and Bitter Creeks. A crosscut tunnel has been driven 20 feet and a drift 6 feet on what appears to be the wall of the vein exposed on the surface. The vein is about 4 feet wide of quartz and argillite mineralized with pyrite, a little chalcopyrite, sphalerite and a trace of galena, enclosed in the argillite country rock. The tunnel should be extended about 40 feet to get some depth under the surface showing. Some high-grade ore was extracted from a vein further down the hill.

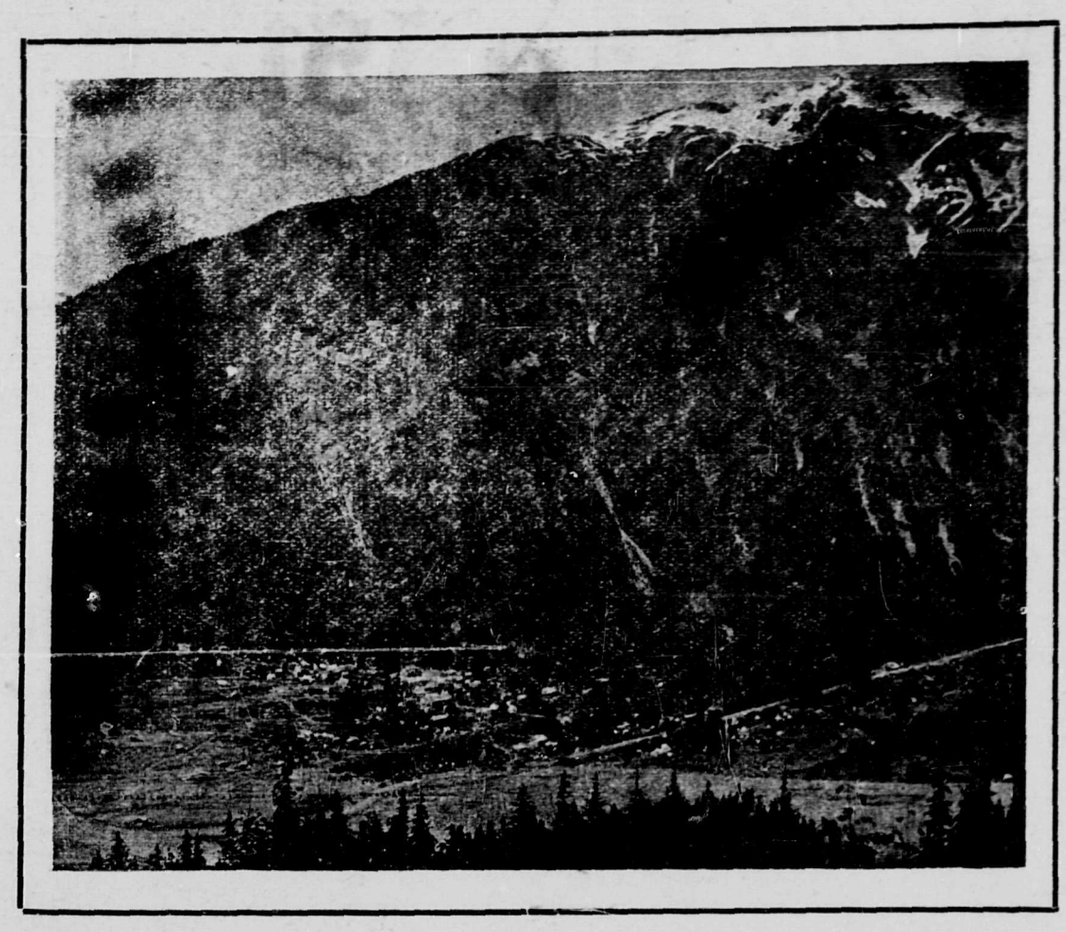
LAKEVIEW GROUP

The Lakeview group, consisting of four claims, belonging to McKay & Bibeau, is situated on the North fork of Glacier Creek, about two miles and a half from Bear River. An open crosscut 80 feet long gives a depth of 12 feet on the vein, which has then been drifted on for 28 feet. Several tons of high-grade ore, assaying over 300 ounces of silver a ton, has been shipped from this drift. A tunnel 330 feet long was driven to intersect the vein 100 feet vertically under the surface cut, but no vein being found the work was discontinued. The vein on the surface is 3 feet wide; 1 foot on the foot-wall is quartz carrying iron pyrites with some gold values; the remainder is a heavily pyritized quartz and slate. The whole would concentrate probably 7 or 8 into 1.

RUTH AND FRANCIS

The Ruth & Francis group, owned by Nesbitt & Archie, is situated on the North fork of Glacier Creek, four miles from the railroad. Work consists of a 60-foot tunnel driven on the vein, which was 6 inches wide at the collar of the tunnel. At 31 feet in, the vein widens to about 10 feet, of which 6 feet 6 inches on the foot-wall is solid antimonial lead, assaying 40 cents in gold, 31.6 ounces silver, 15 per cent. lead, 18 per cent. zinc and 8.3 per cent. antimony; the remaining portion of the vein, on which the tunnel is continued, consists of mixed quartz and slate carrying pyrites and a little galena. On the Copper King claim of the group a vein has been uncovered of quartz carrying chalcopyrite. A tunnel has been driven 40 feet toward it, and will take a further 30 feet to reach it. Altogether a good-looking property.

A Favorite View of Stewart and the Mountain at Her Back.



JUST on the other side of the range, part of which is shown in the picture, lies the Salmon River Valley where some important discoveries of rich silver ore have been made and where much mining activity is now in evidence. During the past few days there has been a rush of prospectors into the district.

SYNOPSIS OF LAND ACT AMENDMENT

Pre-emption now confined to surveyed lands only.

Records will be granted covering only land suitable for agricultural purposes and which is non-timber land.

Partnership pre-emptions abolished, but parties of not more than four may arrange for adjacent pre-emptions, with joint residence, but each making necessary improvements on respective claims.

Pre-emptors must occupy claims for five years and make improvements to value of $10 per acre, including clearing and cultivation of at least 5 acres, before receiving Crown Grant.

Where pre-emptor in occupation not less than 3 years, and has made proportionate improvements, he may, because of ill-health or other cause, be granted intermediate certificate of improvement and transfer his claim.

Records without permanent residence may be issued provided applicant makes improvements to extent of $300 per annum and records same each year. Failure to make improvements or record same will operate as forfeiture. Title cannot be obtained on these claims in less than 5 years, with improvements of $10 per acre, including 5 acres cleared and cultivated, and residence of at least 2 years.

Pre-emptor holding Crown Grant may record another pre-emption, if he requires land in conjunction with his farm, without actual occupation, provided statutory improvements made and residence maintained on Crown granted land.

Unsurveyed areas, not exceeding 20 acres, may be leased as homesites; title to be obtained after fulfilling residential and improvement conditions.

For grazing and industrial purposes, areas exceeding 640 acres may be leased by one person or company.

PRE-EMPTORS' FREE GRANTS ACT.

The scope of this Act is enlarged to include all persons joining and serving with His Majesty's Forces. The time within which the heirs or devisees of a deceased pre-emptor may apply for title under this Act is extended from one year from the death of such person, as formerly, until one year after the conclusion of the present war. This privilege is also made retroactive.

TOWNSITE PROPERTY ALLOTMENT ACT.

Provision is made for the grant to persons holding uncompleted Agreements to Purchase from the Crown of such proportion of the land, if divisable, as the payments already made will cover in proportion to the sale price of the whole parcel. Two or more persons holding such Agreements may group their interests and apply for a proportionate allotment jointly. If it is not considered advisable to divide the land covered by an application for a proportionate allotment, an allotment of land of equal value selected from available Crown lands in the locality may be made. These allotments are conditional upon payment of all taxes due the Crown or to any municipality. The rights of persons to whom the purchaser from the Crown has agreed to sell are also protected. The decision of the Minister of Lands in respect to the adjustment of a proportionate allotment is final. The time for making applications for these allotments is limited to the 1st day of May, 1919. Any application made after this date will not be considered. These allotments apply to town lots and lands of the Crown set at public auction.

For information apply to any Provincial Government Agent or to

G. R. NAKEN,
Deputy Minister of Lands.
Victoria, B. C.

For information relating to Salmon River, Portland Canal and Alice Arm mining districts, apply to

O. B. BUSH
Mining Broker
VANCOUVER and STEWART

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INSTAL PLANT AT MINERAL HILL

Engineer Arrives from the South to Make Surveys as to Water Power Available — Martin Visits Property.

Force of About Fifty Men will Be Required in Accordance With Large Development Programme Decided on.

A compressor plant and other machinery will be installed at the Mineral Hill immediately and development of this property will commence on a large scale. D. A. Harris, superintendent in charge, arrived from the south on the last boat, brought word of the new developments contemplated by his principals.

G. L. Comine, engineer, also reached here from the south, and will make surveys in connection with the plans of the syndicate which owns the property.

Superintendent Harris left for the mine early in the week. R. M. Martin one of the owners of the property, also went to the mine during the week.

On the Mineral Hill, owned by General Stewart, P. Welch and R. W. Martin, the work is proceeding satisfactorily and a large ore tonnage is being determined. Tunnel work has tapped the lead at a depth of 200 feet. A crosscut on the ore body for a distance of 23½ feet is in very good ore and for some distance in high grade. A crosscut on the surface, 12 feet deep for 68 feet is also in ore from which very encouraging assays were received.

Late reports from this mine are that work now is in very high grade ore carrying ruby silver.

A force of from 40 to 50 men will be required at this mine in accordance with the new development programme. As the camp accommodations are at present limited, they will be doubled as soon as possible.

How Stewart Looks From Head of Canal.

FROM the scenic point of view Stewart has few equals. Newcomers are at once impressed with this fact. When the weather is good there is no more beautiful spot. The above picture will give some idea of the appearance of the place from the steamer deck.

BUSH MINE STARTS NEW YORK BOOM

Old Bush Property Now Known as the Premier Creates Stir in Little Old New York---Norman Says Boom is Coming.

Writing to his journal, Mining Truth, from New York, Sidney Norman says:

"There is every indication here of a real boom in Portland Canal gold-silver issues. The fame of the great Bush mine has traveled far and while details are hazy there in a widespread belief that the discovery is among the most important in mining history. Spokane will be interested in the news that Sam I. Silverman, one of the Northwest's most irrepressible and widely-known promoters, is 'in the money' with every chance of cleaning up a big fortune. Associated with him is Chas. F. Caldwell, of Utica fame, and Hurry Howson, formerly superintendent of the Payne mine, in Slocan district. Silverman's company is the Alaska-British Columbia Metals Co., organized to acquire and operate a copper property on Sidney Inlet. When news of the great Bush strike beeame noised abroad, Silverman journed west and secured an interest in the Bush Mines, Ltd., owning 13 claims immediately adjoining the old Bush mine on the northeast. He also took over from Caldwell and Howson a bond on the 49 and Yellowstone groups four miles north and on the same mineralized zone.

"These holdings are to be taken over by A. B. C. Metals Co. and as a result the issue has been one of the most spectacular on the Curb list during the past week, with a jump from 40c to around the dollar mark. Both of the Silverman properties are said to show ore identical with that of the Bush and no expense is being spared in development. Silverman has secured heavy backing and there are rumors that the whole combination is to be taken over by the Anaconda crowd."

Did you like the first issue of The Cassiar News? Why not subscribe for it? Have it sent to some friend and help spread the good news about this camp. Subscription rate $5 for one year.

STEWART LOCAL NOTES

Dan Lindeborg, one of the owners of the Big Missouri group, was a Stewart visitor last Sunday.

Pat Daly has returned to Salmon River after spending the week-end in Stewart.

George A. Fraser, the druggist, arrived from Victoria on Sunday's boat.

John Ryan and Pat McBride came in from Seattle on the Sunday boat.

P. R. Backus of Prince Rupert arrived this week.

Reginald MacFarlane, who has purchased the Levine building on Fifth street, reached Stewart last Sunday.

W. L. MacNaughton, of Victoria, arrived here this week.

Prince Rupert citizens who arrived here this week to inspect the camp included J. Bright, G. A. Young and A. L. Carruthers.

Al Harris and his bride returned from the south last Sunday.

William Sanders arrived from Vancouver on Sunday and brought a herd of cows with him.

Among the pioneers of the Portland Canal district who arrived by the last boat was A. Gilfillan who used to have a store on the Bitter Creek townsite.

Joe Benson, chef at the Mineral Hill mine, was a Stewart visitor last week.

R. W. Wood, president of the Premier Gold Mines, Ltd., of Fernie, expects to be in Stewart in June.

D. W. Mackay, B. C. land surveyor, arrived from Vancouver last Sunday and will locate at Stewart where he will be available for any survey work.

J. J. Ellis returned from Prince Rupert Sunday.

Alterations to the King Edward hotel were started last week in preparation for opening the grill.

The last few days of warm weather have made a change in the appearance of the hills. Except on the highest points they are bare of snow.

Wesley W. Warren, M. E., of the Alaska-B. C. Metals, Ltd., departed for the south last Sunday. He expects to return the latter part of this month.

H. B. Price, a mining engineer of New York, who was here in the interests of Sam I. Silverman, departed for the south by the last boat.

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FORTY-NINE WILL COMMENCE WORK

Forty-Nine is Being Added to the List of Mines of the Salmon River Valley that Will Operate this season.

Ore From this Mine Gave Big Assay Return Last Week---Silverman is One of the Interested Parties.

It is understood that operations on the Forty-Nine are to commence at once. This property was recently taken under bond by Chas. F. Caldwell, through Harry Howson. Sam I. Silvermau of New York has since become interested.

Last week some high grade silver-gold ore was brought down from this mine and the assay returns were very pleasing to everybody.

The 49 lies just east of the Yellow-group, also under bond to the Caldwell interests. The property is owned by Dan and Andy Lindeborg.

The average vein width, disclosed by three cuts, is 20 feet. The highest open cut is 37 feet wide and shows eight feet of fine looking ore and a further 12 feet of mineralization with lower grade ore. The latest assay from this property gave 359 oz. silver and $120 in gold to the ton.

On Wednesday this district was visited by a mild hailstorm.

The old R. M. Stewart building on Fifth street has been razed and the umber sold for other building purposes. It is understood it is to be taken to Hyder, Alaska, where there is a lumber shortage.

Write or see secretary of Portland Canal Prospectors' Association for reliable information on mining prospects, camp conditions, etc., Salmon River and Bear River districts. Prospectors are invited to exhibit their ore in show room. Dues $5 a year. tf

DRUGSTORE OPEN FOR ALL BUSINESS

The premises of the Stewart City Drug Store were put in shape this week and the store is now open for business with one of the most complete stocks ever brought into a mining camp. The store is especially equipped for the preparation of first-aid boxes for mining camps. George A. Fraser, of Victor, has opened this store, and has been very busy all week unpacking goods to meet immediate requirements.

LIVELY ELECTION AT HYDER.

Citizens of Hyd on June 3 had the opportunity of expressing their preff for either George B. Grigsby or Mr. Jones who aspired to be the delegate conpress. Hyder turned out a good-sized vote. Which of the candidates was successful has not been heard yet.

DOLLY VARDEN GOES TO OTTAWA.

The Dolly Varden people, owning the Dolly Varden mine on Alice Arm, have taken their case with the Taylor Engineering Co. to Ottawa, report says.

MRS. DUFF RECOVERS.

The pleasing news comes from Hyder that Mrs. Duff, who suffered a stroke ten days ago, has recovered.

TROUT FISHING GOOD.

Local anglers are getting busy following reports that fishing is good at the mouth of Salmon river. Several good strings were brought in the past few days.

ROAD GANG ON SALMON.

A small force of men is doing splendid work on the Salmon River road. While the snow was on the ground the road was good enough for demands upon it but now it is necessary to make it more permanent.

Provincial Government Employment Bureau and Soldiers Civil Re-establishment; temporary office 621 Second avenue, Prince Rupert. Employers having vacancies for men and women in clerical, factory, domestic or other work should apply to above. tf

GETTING READY FOR BUILDING

New Townsite at Hyder is Scene of Considerable Activity in Preparation for Building Operations.

Plans Not Yet Back From Ketchikan --- Next Boat Due in few Days from Alaska Fishing Port.

Foundations are being laid for the houses which are to be built on the new Hyder townsite in accordance with the requirements. Conditioned upon buildings being put up, lots may be leased from the U. S. government for $5 a a year. A large number of allotments have been made already. The blueprint is expected from Ketchikan by the next boat which is reported due on June 10.

The trail from Stewart is in much better condition than it was last week when in one place it was necessary to use a rope.

Harry Howson stopped over in Hyder on his was up the Salmon.

Pat Daly left on Thursday for the International.

William Saunders of Stewart paid a visit to Hyder on Thursday.

Lumber which is badly needed at Hyder is expected soon.

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Will Work Missouri.

Willian Noble went up Salmon River this morning to get the Big Missouri camp organized. An initial force of eight men has been engaged. Vigorous development is planned. Sir Donald Mann bonded this group and turned it over to the Pacific Exploration Co., Ltd.

During the past week fine progress has been made on the wagon road between Stewart and Hyder. There is room for a much larger force and this will be necessary if the road is to be completed this summer.

Creelman and Thornton are so well advanced with their big barn on the new townsite that they expect to have it completed in a few days.

Provincial Government Employment Bureau and Soldiers' Civil Re-establishment, temporary office 621 Second avenue, Prince Rupert. Returned soldiers, men and women requiring employment of any kind should register with the above. No fees charged. P. O. drawer 1674, Prince Rupert

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