

ROSSLAND WEEKLY MINER.

Two Dollars a Year

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MINES AND MINING

What is Going on in
Shaft, Drift,
Stope, Winze,
Etc., Etc.

VELVET AND PORTLAND.

Captain Morrish Outlines His Plan of Development.

Captain James Morrish, consulting engineer of the New Goldfields of British Columbia, which is the parent company of the Velvet Mines, limited, and Portland Mines, limited, who has been here for the past two months, left yesterday via the Canadian Pacific railway for England. He was seen by a Miner reporter before he left and said he was greatly pleased with the condition of the Velvet and the Portland. The intention is to develop both to use 500 or the 600 foot level before a systematic attempt will be made to take out ore. In the meantime, as there are several thousand tons of ore on the dumps which has been taken out during the course of the development, and as more will be extracted during the further opening of the mines, the intention is to send considerable of this to the smelter. It is probable that about 20 tons a day will be shipped, which will be sufficient to pay the running expenses of the mines. The present wagon road will be utilized for this purpose, and it is desired to have a railway to be absolutely necessary. It is Captain Morrish's opinion that a railway can be built from the Red Mountain line up Sheep Creek valley for a moderate sum per mile. The ore from the Velvet and Portland could be sent down the west side of Sophie mountain in aerial tramways. The west slope of Sophie mountain is admirably suited for the construction of aerial tramways.

YMIR IS A GOOD CAMP.

Mr. John Carroll Tells of Some of the Mines There.

Mr. John Carroll, formerly a resident of this city, but for the past three years a mining broker of Ymir, is in the city, and leaves in a day or two for the Old Country. Mr. Carroll was seen by a Miner reporter and, in speaking of the condition of the several mining properties around Ymir yesterday, he said: "The Ymir, which is owned by the Ymir Gold Mines, limited, has just returned from Crawford Creek, where he has been looking after the operations on the properties of these companies. Mr. Carroll reports that the wagon road, which has been under construction for two months past and which is to connect the London Consolidated and the Richelieu properties with Crawford Bay on Kootenay lake, will be finished by the end of the month. On Thursday last the sucking of the ore was commenced. About one thousand tons will be prepared for the first sleighing and will be hauled out as rapidly as possible. A contract has been let to transport not less than 3,000 and not more than 5,000 tons from the mines during the winter. Stopping is in progress in both mines.

Work is to be resumed on the Fairmont next spring. "I think that the Eldorado group is one of the best properties on Porcupine creek. Its veins are very wide. The Nevada is closed down for lack of funds, but I regard it as a very promising property."

Besides the properties I have mentioned there are from thirty to forty others in the camp, on which from 300 to 400 feet of work has been done and on which there are good showings of ore. The trouble, however, has been that a number of properties have been stocked by people who were not in a position to place shares, and, as a result, the properties have been shut down. This has given the section a black eye. In point of fact, on nearly every one of these properties there are splendid showings of ore of a pay grade. I really think that Ymir is one of the best camps in British Columbia, and that there will be two or three mines equal to the Ymir there in the next few years."

Mr. Carroll leaves New York on the steamship Oceanic for Liverpool, where he goes on business connected with the Ymir district.

THE VELVET MINE.

Mr. H. B. Smith Starts Immediately on the Trial Line of the Road.

Mr. H. B. Smith, M. Inst. C. E. has been instructed by the provincial government to make an immediate start upon the location of the wagon road to the Velvet mine. Operations will be begun today. The weather is not of the best for a survey of this nature and indeed is not as good as it would be when the snow is covering the ground. Nothing can be done just now beyond running a trial line, and even this will not be accomplished without much delay. After this is finished operations will have to be suspended till the spring when the snow is off the ground. It will then be possible to locate the road and to begin grading. The government are now apparently in a hurry that the work should be done and done at once and hence the start that is being made despite the lateness of the season.

WILL SOON BE SHIPPING.

London Consolidated at Richelieu Will Market Considerable Ore.

Mr. Henry Roy, managing director of the London Consolidated and the Richelieu Mining companies, has just returned from Crawford Creek, where he has been looking after the operations on the properties of these companies. Mr. Roy reports that the wagon road, which has been under construction for two months past and which is to connect the London Consolidated and the Richelieu properties with Crawford Bay on Kootenay lake, will be finished by the end of the month. On Thursday last the sucking of the ore was commenced. About one thousand tons will be prepared for the first sleighing and will be hauled out as rapidly as possible. A contract has been let to transport not less than 3,000 and not more than 5,000 tons from the mines during the winter. Stopping is in progress in both mines.

Centre Star Compressor Worked Well.

The forty-drill compressor of the Centre Star and its inter-cooler were tested yesterday in the presence of the engineers of the Centre Star company and the Canadian Rand Drill company. The compressor exceeded in a large degree the requirements called for by the contract, and earned for the Canadian Rand Drill company a very handsome bonus. Manager Kirby and Engineer Garde expressed themselves as being much pleased with the manner in which the compressor operated. The compressor is of the compound Corliss type.

Will Operate the Bonanza.

The Roseland Bonanza company will today ship by the C. P. R. to Gladstone a ton and a half of supplies for the Bonanza mine. The supplies will be packed from Gladstone to the mine, a distance of about four miles. Mr. S. W. Hall, the managing director of the company, will leave on Wednesday with a force of miners to start work for the season.

THE EXCHEQUER.

This Promising Property May Be Transferred to a New Company.

A meeting of the shareholders of the Exchequer Gold Mining company will be announced within a few days for the purpose of considering a resolution authorizing the management to dispose of the property, says the Nelson Tribune. A proposition has been submitted which, if accepted by the stockholders, will involve the transfer of the Exchequer to a new company, which will recommence work in the mine on a larger scale than has ever been the case heretofore.

One difficulty which the management of the Exchequer has experienced arose out of selecting the best method of treating the ore to secure the maximum values at a reasonable cost. It is understood that a cyanide system has given the best results, and that the Athabasca cyanide plant, now well advanced toward completion, will be utilized to handle the output. The situation of the two properties is

such that the gravity tram can be constructed to connect the two mines, with the Athabasca cyanide plant, thus assuring a very low cost of transportation. The Exchequer is regarded as a very promising property, the shipments of high grade ore last year to the smelter having realized handsomely. Its location is such that the Athabasca wagon road can be utilized for a considerable distance in teaming or a switchback constructed from the Hall mines.

The capital now proposing to take up the property is English, and the program for working the mine is comprehensive. A comparatively large crew of men is figured on and should the deal go through the Exchequer will be an important addition to the list of properties working in the Nelson camp.

HAVE A TIN MINE.

The Dayton Group Ore Carries Considerable Tin.

The Dayton group, of which G. T. Kane owns a controlling interest, which is situated about five miles from Kaslo, may prove to be the first tin mine in the Dominion of Canada. If this is the case it is a most important find, for not only this district, but for the entire province. The ore taken from the vein has been treated by the local assays, and exceedingly high values in tin have been obtained, with 44 per cent in gold and 8 per cent in copper. A quantity of ore has been shipped to the government assay office at Ottawa and a report of the results is expected every day. It is a well known fact that the Dominion government has offered a premium of \$50,000 to the first tin mine of the Dominion, and it will be a great credit to the Kaslo mining district if the Dayton group proves to be a tin producer. The group consists of four claims, and on one of them a tunnel has been run 60 feet. The tunnel is in ore all the way, and has uncovered a vein 12 feet wide. Several crosscuts have been made and it has been ascertained that the vein extends through the entire four claims. The only drawback to the opening up of the mine properly is the need of a good trail.

Work on White Bear Resumed.

The work of unwatering the workings of the White Bear was commenced on Monday. This task is not a small one, and it is thought it will take at least two weeks steady pumping to clear the workings of water. As soon as this is done prospecting by means of diamond drills will be commenced. The management feels sanguine that the drills will be able to locate an ore body.

Freight Sheds in Use.

The new freight sheds of the Canadian Pacific railway in this city are completed and were used for the first time on Monday. The office of the freight department is finished and will be occupied as soon as the furniture comes.

A RENEWED INTEREST.

Mining Men Who Left Here a Year or Two Ago Are Returning.

Mr. Peter Porter, mining man, is in the city from Spokane. He is on his way to the Boundary country for the purpose of starting work on some mining property in which he is interested. He reports that renewed interest is being taken in the mines of the Trail Creek division and the Boundary country. The way in which the mines are turning out in these and the other divisions of British Columbia has convinced the mining men of the states of Washington, Idaho and Montana that this is a good country to invest in, and he expects to see a number of the larger investors in here before long looking after properties of merit. A good many mining men who left here a year or two since will return, as they are now convinced that this section offers better advantages than some of the districts in the States.

Bradbury Secured the Contract.

A despatch was received from Ottawa yesterday by this paper which stated that Mr. Bradbury of Vancouver had been awarded the contract for the construction of the postoffice building in this city. His tender was the lowest, and hence he was awarded the contract.

Turner at Grand Forks.

Grand Forks, B. C., Oct. 23.—(Special.)—Hon. J. H. Turner, minister of finance, Victoria, is here, the guest of A. E. Plummer, assistant general manager of the Granby smelter. Hon. Mr. Turner, Mr. Plummer, Mayor Lloyd A. Manly and James MacKinnon, manager of the Eastern Townships bank leave tomorrow by special train for Phoenix for the purpose of visiting the Knob Hill, Old Ironsides and Victoria mines.

PHOENIX MAKES A RECORD.

It Sends One Thousand Tons of Ore Away in One Day.

Phoenix, B. C., Oct. 23.—(Special.)—Yesterday's ore shipments from Phoenix camp established what is believed to be a record for British Columbia mining camps. Nearly 1,000 tons of ore were shipped to the Granby smelter by the Phoenix-Township syndicate, operating several of the big mines located here. It is not intended to ship this amount of ore every day, as the syndicate's smelter at Grand Forks could not handle it, having a capacity of only 600 tons daily. The ore sent out yesterday consisted of 31 cars of about 30 tons each, making three trains. It came from the Old Ironsides, Knob Hill and Victoria mines. The regular shipments are 600 tons each 24 hours, which will be maintained until the syndicate's smelter is enlarged. This is now understood to have been definitely decided on.

THE NEW LEYNER DRILL.

Brief Description as Given to the Miner's Correspondent.

Spokane, Wash., Oct. 22.—(Special.)—Another machinery manufacturing establishment is to be opened in this city at once. J. H. Sanborn is here representing J. George Leyner of Denver, Col., and will open branch offices and warehouses for the handling of the drills and compressors manufactured by Mr. Leyner. Many mining men from British Columbia doubtless met Mr. Sanborn at the Fruit Fair, where he had on exhibition samples of the new Leyner rock drill and compressor. Mr. Sanborn gave an accurate demonstration of the working of the drills and machinery that attracts more than passing attention as the machinery is new in the Pacific Northwest. Speaking of the new Leyner rock drill to the correspondent of the Miner, Mr. Sanborn said: "We claim for our drills a great saving in the cost of fuel bills. Our three-inch drill takes its air through a three-inch orifice of ordinary type, whereas ours uses a throttle of 7/8 in. size. Our piston of this size drill weighs only 13 pounds as against 45 to 50 pounds in other makes of drills of a similar size. Again many drills get stuck in talc and other soft substances, in our drills the steel used are hollow. A small steel tank is filled with water and connected to the air line to obtain pressure to carry the water to and through the drill. This tank is connected by means of a hose to a suitable connection on the back of the machine. A steel tube passes from this water connection through the machine and into the hollow drilling steel. A needle valve fitted to the machine gives the operator perfect control of the water supply. Through a valve in front of the chest air is admitted into the front of the cylinder, passes out through the steel, being discharged from the bit into the hole being drilled and thus expels the cuttings. By turning the water valve the operator mingles a spray of water with the compressed air so that the cuttings expelled from the hole are free from dust. In a nutshell the new Leyner drill is a pneumatic or air drill. It is unlike the type of rock drills that has been in use for nearly 40 years, especially in this, that the steel is entirely disconnected from the piston. That is to say, the steel instead of being plugged by the piston against the rock is struck by the piston and driven into the rock. A hardened steel tapered pin in the front end of the piston strikes the hardened weight of the piston, but a little more than one-fourth of the weight of the piston of an ordinary drill, but its velocity is about four times as great."

THE MONACHEE GROUP.

Dunsmuir and Ritbet Acquire Several Promising Properties.

Midway, B. C., Oct. 23.—(Special.)—Considerable importance is attached by all those interested in claims on Monachee mountain to the sale of Monachee aches mountain and Luck to E. Dunsmuir and K. P. Ritbet, capitalists of Victoria, as it is the intention of the owners to install machinery and put a large force of men at work at an early date. The property is situated on the mountain of the same name, and is reached by going west from Midway up the main Kettle river. Monachee is in every sense a pioneer, having been staked 20 years ago and crown granted about 14 years since. It has a strong continuous ledge averaging \$10 to \$15 in free milling ore, on the eastern claims of the group, and almost any amount on the western end, where the ledge carries free gold. An old-fashioned mill was placed on the group some time ago, and this has proved one of the greatest drawbacks to the property, as the plant would not save values. The owners have planned an extensive programme of work, including the erection of a modern stamp mill.

Incendiary Fire at Midway.

Midway, B. C., Oct. 23.—(Special.)—Shortly before midnight last night a fire was discovered in the kitchen of the Hotel Spokane, but fortunately the proprietor, L. Salters, had water available, and with assistance succeeded in subduing the flames. From investigation it would seem that the fire was of incendiary origin, as a sack of shavings attached with coal oil had been put through the window close to the kitchen range and ignited so as to make it appear the fire had originated from the range. The property was mortgaged and heavily insured in companies represented by J. R. Porter of Greenwood.

BOLSTER BREVITIES.

A Sash and Door Factory for the Town. Business is Good.

Bolster, Wash., Oct. 22.—(Special.)—Another industry is to be started here at once. Messrs. McIntosh & Frye propose establishing a sash and door factory and a small furniture manufactory. Furniture is being rapidly put into place at the Review hotel, the new three-story building erected by Thomas McDonnell of Greenwood. The opening will take place some time next week. A stock of liquors and cigars unequalled in the district is being brought in for the hotel.

The townsite management is now negotiating with outside parties to start a big general merchandise and hardware establishment, something that is badly needed at this point. Good business is being done at the shingle mill. Many new homes are under erection throughout the district and shingles and lumber are in demand.

FROM OTHER CAMPS

Late Mining News from the Boundary, Slovan, Similkameen, East Kootenay, Kaslo, Phoenix, Midway and Other Districts

FROM OTHER CAMPS.

Summary of the Doings in Mining Around the Kootenays.

The approaching winter is weekly curtailing the report of new finds in the various camps, except on already established properties. In Kamloops there seems to be quite a mining boom of importance although up to the present little has been done. During the past season there has been some error made with the consequence there is a probability of work being carried on continuously through the winter on some of the properties.

The strenuous work executed during the past season in the Lardau seems to be having some effect on the mining investor judging from the reports that are coming in of sales of maritimus properties being made in that country. It is hoped that during the season of the bringing in of a railroad which is badly wanted in this district.

In East Kootenay there seems to be little stirring. The St. Eugene, however, is keeping up its wonderful record and there seems to be quite a lot of work being done upon the Society Girl and a few other properties.

In the Slovan there is little news of importance. Shipments are continuing along at the usual figure although there is little advance being made in the output owing to various causes. The strike on the Hewitt seems to be the feature of the week.

On Boundary mines the work is proceeding with speed. It might be most characterized as feverish. While the Phoenix Pioneer claims there is no boom yet there is undoubtedly much excellent work being done which will bear fruit in the advance that the Boundary is bound to make both in population and wealth. The output of the Knob Hill and Old Ironsides is phenomenal considering the comparative youth of the camp. Nor is the industry confined alone to these two mines, there are others of which great things are expected and from which great things will doubtless eventuate.

KAMLOOPS.

The Glen Iron Mines, the Iron Mask, Lucky Strike and Python.

Arrangements have been made for the installation of power hoists on the Iron Mask and Lucky Strike. It is expected that shipments of ore will be made shortly every month.

Mr. I. Fleetwood Wells is getting out lots of ore at the Glen Iron Mines. About a carload a day is now being shipped of good magnetic iron ore.

Work is progressing steadily on the Python tunnel, says the Standard, which will tap the vein at a depth of 100 feet below the open crosscut, 200 feet west of the shaft, which had to be abandoned for the present on account of the quantities of water; the appianese at hand not being adequate. In tunnelling they passed through some 20 odd feet of decomposed rock very similar to that encountered in the Iron Mask, carrying magnetic iron, some small stringers of black oxide of copper, and all carrying gold, the last three assays being \$1, \$3.50 and \$5.

THE LARDEAU.

Some Successful Sales—Good News of the Cromwell Camp.

Messrs. Ed. Bell and J. Morgan have sold their interests in the White Warrior group to eastern men, the cash-down payment being \$1,000.

A. C. Cummings on behalf of other parties, bought the Triune No. 2 mineral claim from Frank Apicost, Kamloops, last week, the consideration being only \$200.

The Metropolitan group, which became the property of Rev. Charles W. McCrossan of Oshawa, Ont., (with offices in Duluth, Minn.) last week, is one of the most promising properties in the Lardau camp.

Operations on the Empire group have ceased for this season, the men coming down last week. They have driven a 210 foot crosscut and also 40 feet of drifting along the second lead. They have over four feet of concentrating ore, at a depth of 150 feet in the first lead, and over a foot of clean ore and concentrates in the second lead at about the same depth.

E. M. Morgan, one of the happy proprietors of the Cromwell, says the Eagle, was in the pay roll centre last week on his way to the Trail smelter with the Cromwell's maiden shipment—238 sacks, Cromwell's maiden shipment—238 sacks, or seven tons in all. The early closing of this season on the summit shut them off work at least two weeks sooner than expected, and for this reason only the shipment short of being a carload, as was calculated upon.

EAST KOOTENAY.

Society Girl Will Ship This Winter—Work on the Estella.

Robert Dore is still working his nickel claim on Wild Horse. The St. Eugene is going ahead and tak-

ing out the usual amount of ore. It is reported that a six-foot ledge of solid galena has been struck in the Aurora across the lake from Moyie.

The Sullivan mine can be reached by the proposed spur from Kimberley in less than four miles over an easy grade. A letter from Peterborough states that the work being done on the Iron Cap claim in Macdonald basin, is showing up the property to be a most excellent one.

T. D. Thomas who had a bond on the Theo claims in Isadore canyon, has given up the bond, for the reason that the development does not justify continuing the work.

The Society Girl is showing up in good shape, says the Prospector. The owner expects to ship 1,000 tons of ore this winter. Should the ore hold out as at present, it is the intention to run a new tunnel 1,100 feet to tap the ore body at a lower depth, and to afford better shipping facilities. At the Estella ten men are at present employed. In the 40-foot tunnel there is an excellent showing of galena. In the new tunnel on the creek there is a good showing of copper and galena; this tunnel is now in 25 feet. Work will be pushed during the winter. Nearly 1,200 feet of work has been done on this property. The claims are at present under bond to an English corporation.

THE SLOVAN.

The Shipments Last Week—The Hewitt and Other Mines.

Seven men are employed at the Silver-ton Boy.

C. B. Taylor is building the ore bunkers for the Arlington mine. A rich strike in the Sunset at White-water was reported last week.

The Urban Mining company will commence operations on the Donnelly group this week. The King Solomon company are working 25 men at their property at Woodberry creek.

Ernest Mansfield has made the fourth payment to Bert Pearson on the Green Lake fraction.

It is expected that the Ivanhoe mill will commence to grind about the first of next month.

Work closed at Camp Mansfield last week, and the men came down the hill on Tuesday for a settlement. The wagon road from Silver-ton to the Hewitt is nearly completed. This mine will soon be a steady shipper.

F. Shery has leased the Black Prince for a year. A new tunnel has been started and ore will be shipped as it is taken out.

The Philadelphia on Fennell creek, is to be worked this winter with A. D. Coplan as superintendent. It has been bonded to eastern speculators. Last week the Bayou shipped 230 tons; Last Chance, 100; Slovan Star, 60; Ruth, 52; Coin, 15. For the week ending Oct. 7th, the Whitewater shipped 112 tons.

THE BOUNDARY.

Great Work on the Knob Hill and Old Ironsides—The Humming Bird.

A single car was being loaded with ore from the Buckhorn in Deadwood camp, last week.

The Snowshoe at Phoenix, will before the end of the year send out about 200 tons of ore for further test purposes.

Wednesday another air drill was started in the War Eagle, to explore the ore body in the west drift from the 100-foot level.

The Athletian has already shipped three cars of ore this week to the Trail smelter, and another is expected to go out tomorrow.

The Golden Crown and Winnipeg mines, in Wellington camp, says the Advance, have reduced their working forces and suspended shipping ore for the time being.

An incline shaft is being sunk on the footwall of the big ledge on the Evening Star, the Wellington camp property recently bonded by Andrew Laidlaw.

Crosscutting is being continued both ways from the 100-foot level on the Marguerite in Deadwood camp. The north drift from the No. 1 shaft is also being continued. There is 25 feet of solid ore in the drift. A trial shipment of four cars will shortly be made to the Granby smelter.

Superintendent Liljegan was down from the Humming Bird mine during the week, says the Gazette, and says the tunnel has now been driven an additional 62 feet and that he expects to get the ledge within the next 15 feet. The work is being pushed as fast as possible and as rapidly as room is made in the mine for new men they will be put on, as it is the intention of the company to make the property a self-supporting proposition as soon as it can be done. Meanwhile the company is shipping steadily and the superintendent expresses himself as highly pleased with the returns received. More than 200 tons of ore have already been sent to the Granby smelter here and the returns from the lot have averaged \$10 per ton, which is the highest return yet received by any Boundary mine from a similar quantity of ore.