

ROSSLAND WEEKLY MINER.

Two Dollars a Year

ROSSLAND, B. C., THURSDAY, DECEMBER 20, 1900

Sixth Year, Number 8

FROM OTHER CAMPS

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

The most noteworthy feature of the review of this week is the shipment of ore from the various camps during the year which is now fast approaching a close. The Boundary has made a great showing during the past year showing that it means to a mining country to have a railroad for the haulage of its output. Already the Boundary mines have passed the 100,000-ton mark and there are not wanting prophets to predict that the Phoenix camp will produce more than Rossland will do the coming year. It is as it may, and the friendly rivalry will do no harm to either camp, the more ore is put out during the coming year the more confidence will be gained from East Kootenay or from the Slovan, each and every shipment will have an accumulative effect upon the imagination and upon the purses of those whose money is needed to develop the mines which are as yet in the infancy of their production in this country. There are three districts behind the present lagging somewhat behind the others. Kamloops, although Kamloops is the oldest settled, yet as a mining district it has hardly as yet awoke to the possibilities of the mines that are there in the hills behind the town. Great things are expected from the Copper King and from the Iron Mask and from some others that might be mentioned and as the other districts fore ahead the mines of Kamloops will also be in due time exploited. The Larderue has already developed a considerable portion of the district as far as any district can be prospectively without the aid of a railway to pay for systematic exploration of mining properties by carrying to a market the first ore gotten. With the advent of the railroad next summer the Larderue will have another story to tell by the month of December, 1901.

and Anna B., two properties they own up the north fork of Larderue creek, lying south of the Canadian-Larderue property. Very little work has been done so far, but the results of what is done is of such an encouraging nature that the company wish to further prove their Larderue acquisitions. This same company are at present operating the Ocean Wave and the Golden Treasure, in the Ymir camp. An agreement has been signed giving complete control of the Ocean Wave to the strongly backed Warner Miller syndicate of New York and others for the sum of \$150,000. The Ocean Wave mine was located in September, 1899, and when the first assessment work was done upon it the lead was found. The ore returned assays running from \$130 to \$750 per ton, the latter being, of course, in respect of a quite exceptional sample. The principal vein was in gold, six and a half tons shipped to the smelter gave returns of 5.76 ounces gold and 18.1 ounces silver to the ton. The property is close to the Truine mine. What little work has been done on the Ocean Wave has exposed a strong ore body 28 inches in width.

Vincent Lade and Andy Ferguson left last week for Thompson's Landing, says the Ferguson Eagle, to arrange for getting the big C. P. R. boat to come in from Arrowhead for the Truine ore. Some 120 tons. They will accompany the ore to Trail. The last 20-ton shipment of this ore went \$300.67, the total values being \$27.58 in gold, \$4,985.95 in silver and \$589.96 in lead, or in all \$5,813.49, giving a net profit of over \$250 to the ton. The present 120-ton shipment will yield about the same values, as the lessees, Messrs. Lade brothers and Gunn brothers are experienced mining men and "save" their business, being especially accustomed to carbonate ores, such as the Truine mine produces. The exact returns will appear in next issue, if the boys are not disappointed in getting the boat in to deepwater landing for the ore.

THE SLOVAN.

Shipments From Silverton - Doings Around the District.

The Emily Edith is having new ore bins built.

Monday was pay day at the Arlington and Speculator.

The Corinth near Three Forks has shut down for a while.

Stopping is in progress in the No. 3 and 4 tunnels of the Enterprise.

The double-compartment shaft on the Speculator is down eight feet.

Operations are to be resumed at the Marion, New Denver, in January.

The road roads of the past fortnight have interfered sadly with the ore exports.

A new ore house has been built at the mouth of the No. 2 workings on the Speculator.

Charley Haller is managing the Conjecture mine for Colonel Ridpath, at Lakeview, Idaho.

Considerable ore from the Kimberley mines, East Kootenay, is passing through here.

The Slovan Chief joined the shipping list last week by sending out 16 tons from Slovan.

A change of foremanship has taken place at the Hewitt mine, Pat Dwyer succeeding Harry Calbeck.

A settlement of the accounts against the Lemon creek wagon road has again been postponed.

The repairs have been made to the Arlington ore chutes at the switch and they are now in use.

Mark Manley has refused a big cash offer for a portion of his interest in the Native Silver fraction.

The Enterprise Mines failed to lift their option on the Aylin interest in the Montezuma claim, Ten Mile.

It is given out that the long crosscut on the Queen Bess has caught the vein, with a large ore body in sight.

It is stated a deal is on for the purchase of the Monument group, at the head of Lemon creek, the price being set at \$90,000.

Fifty-five cents has been offered and refused during the week for a block of 20,000 shares in the Arlington company.

The V. & M. group, a Twelve Mile property, which is being developed by a Vancouver syndicate, will make a trial shipment in a few days.

Another crosscut to the east is being run from the No. 2 on the Speculator, and a new slip has been encountered, showing healthy signs of a companion ledge being near.

The shipments from Sandon last week were: Payne 285 tons, Last Chance 121 tons, Slovan Star 98, Goodenough 15, Ruth 16, Idaho 222, Corinth 61, Other shipments from the district were: White-water 197, Bosun 20, Hewitt 10.

During November the Payne mine shipped 1,073 tons, Last Chance 354, Slovan Star 142, Ruth 112, Sovereign 49, Trade Dollar 62, American Boy 61, Cube Lode 15, Enterprise 46, Arlington 345, Hampton 8 and Bosun 80.

J. Cross and Sid Cooper went up Sunday to Twelve Mile creek to commence work on the Bachelor group. It was bonded two months ago by R. E. Fishburn, late of the Enterprise. He let a contract to drive 100 feet of tunnel to Tom Lake and it is this work that is now being done.

Word from the Speculator states the strike in the No. 2 workings is improving steadily and the spirits of the management arising accordingly. The clean ore is increasing in quantity and grade and a large

amount is being broken down and piled on the dump. In the No. 1 good headway is being made with the winze. Those who are acquainted with the Speculator affirm that it will develop into the biggest mine in the division. The bond is a surety.

Eight or ten men are employed at the Neepawa, Ten Mile, and rapid headway is being made in the drift, which is being run under contract to Alex Ferguson and Frank Griffiths. They expect to be finished by the end of the month and will realize a tidy sum. At present it looks as if the drift would have to be continued some distance beyond the contract in order to catch the showing exposed above, as the shoot is apparently dipping into the hill.

Mark Manley returned from Spokane on Monday, whither he had been with the principals in the recent deal on the Iron Horse. He stated arrangements had been made for starting work on the Iron Horse early next month. The first thing on the program will be to run a raise from the tunnel to the surface, a distance of 60 feet, for air. Then sinking would commence in the shaft and would be continued steadily. A small force will be employed at first and gradually increased as room is made for them.

The stamps at the Chapleau mill commenced dropping Tuesday and the mill is in steady operation. The machinery is running smoothly and is doing pretty work. The tram cable has been tightened and replaced and is working without hitch in delivering to the smelter. New bunk-houses and a cookhouse are also being erected, and when finished the force is to be increased. About 35 men are employed at the mine, 25 around the mill, and 10 or 15 in cleaning out the mud slides in the new road. A clean-up from the mill is expected at the end of the month.

Parties down from Ten Mile on Thursday to vote brought word of an important strike that had just been made at the Enterprise, says the Drill. They stated it had been made in the top workings and not far from the Empire fraction, one of the Mahon group. This tunnel is a crosscut and after catching the vein, has been continued along it into the hill. There has been a little mineral right along, but a shoot of clean ore has been encountered. It is six inches wide and very high grade, being all a shipping article. The last accounts were that the strike was improving and the ore being broken down and sacked.

An examination of the Fisher Maiden Mining company's property, made this week by Mr. Kingsbury, the expert for the Slovan-Kilo company, which operates so extensively around Slovan City, has not been so successful as a pending deal on the property, but as Mr. Kingsbury was joined here on his return by Percy Dickinson, the manager of the Slovan-Kilo company, it is assumed that they are desirous of acquiring the property. If such should be the case it would be a good thing for the camp, as the mine is known as a good one and, if in the hands of such as Mr. Dickinson and his company, would help largely in bringing Silverton once more into favor among mining men.

The bond on the Mabour group, held by J. Frank Colman, lapsed Friday night, he failing to make the first payment of five per cent. The story in circulation that the bond fell short because of the action of the commissioners in granting a license to the hotel in the Arlington basin, is rubbish. The owners of the group are not worrying over the matter, but as the future is bright enough, the property lies between the Enterprise and Neepawa on the one side and the Speculator and Bondholder on the other. These are all working properties, and the recent strikes on the Enterprise and Speculator only serve to heighten the advantage of the Mabour group. Failing a new bond, the owners will work the property themselves in the spring.

A deal is pending on the Hydrabad group, situated on the south side of Ten Mile, about six miles from the lake. The owners are Frank Wells, Paddy Shan, John Wreley and H. Higbie, the two last getting into the group last fall. Higbie is one of the principals operating the Hartney group, at New Denver, and he is negotiating the Hydrabad deal with the Enterprise and Neepawa.

The Hydrabad deal with the Enterprise and Neepawa was a good property, the first work on it exposed a big blow-out of ore and New Denver parties took a bond on the group. They worked a month or two and then quit, since when nothing has been done beyond annual assessments.

Shipments of ore from Silverton for the year 1899, totaled 1,693 tons. All other lake points 1,385.

The shipments of ore from Slovan lake points, to and including the present week, from January 1st, 1900:

	Tons.
From Bosun Landing	1,100
Bosun	100
From New Denver	20
Hartney	7
Capella	7
From Silverton	20
Emily Edith	85
Hewitt	120
Vancouver	880
Wakfield (concentrates)	20
Galea Mines	20
From Enterprise Landing	1,020
Enterprise	7
Neepawa	7
From Slovan City	1,125
Arlington	60
Black Prince	20
Enterprise	20
Two Friends	20
Bondholder	20
Hampton	10
Slovan Chief	16
Total	4,380

THE BOUNDARY.

The Shipments of Ore—Notes on Many Properties.

E. H. Thurston made the final payment of \$23,000 on the Carmi this week.

Reports from the Rambler, near Eholt,

are to the effect that the property is looking better every day.

Work is expected to be started on the Yellowstone group, adjoining the Last Chance, between Phoenix and Greenwood, some time in the early part of January.

The No. 7 group, in Central camp, started up work last Monday and is being dewatered, preparatory to beginning systematic development.

The Emma, in Summit camp, owned by Messrs. McKenzie and Mann and W. T. Smith, is being pumped out, and it is said some ore will be gotten out and shipped to the new Standard smelter, being completed at Boundary Falls.

James Pugh, in charge of the ore quarrying on the surface of the Knob Hill, has from 15 to 20 men at work. This ore, which makes an ideal flux, is being sent out every day to the Granby smelter at the rate of from three to five cars.

Work is proceeding apace with the installation of the 35-drill compressor at the Mother Lode. During November about 2,500 tons of ore were sent to the smelter, and the daily output is to be 300 tons after the new compressor is in running order.

A big strike has been made at the 250-foot level on the Crown Silver, Dead-camp, the control of which went into the hands of the Dominion Copper company, began operations again last Saturday, after a shut-down of eight months. It is asserted that the new owners will erect a smelter.

There has been a mild placer excitement on Fourth of July creek, says the Enterprise, a few miles south of Phoenix, during the last few days. Claims have been staked on both sides of the international boundary line. Nuggets worth \$1.25 each and \$0 per yard gravel are said to have been found.

Another of the big Deadwood camp properties is to be developed and placed on a shipping basis by a strong company. The control of the Western Copper company, limited, owning the Greyhound mine, has been secured by Mr. W. M. Price, president of the Standard Copper company, and his associates, who will immediately begin the development of the mine on a large scale.

A strike is reported from the Humming Bird, but the exact nature of the find cannot be ascertained. The Morning Glory is shipping more ore to the Granby smelter and the Quip is arranging to ship also. John Dorsey of the Mountain View, is back from the east and good news may be expected from that property in the near future.

A report came down from the Humming Bird this week to the effect that the biggest find yet, had been made on the property, but up to the time of going to press we have been unable to get any authentic information as to the size and nature of the find, so far as Grand Forks gets it. It is, so far as we can learn, in the lower tunnel and is a body of ore hitherto not known of.

Telephoning from the R. C. this week Mr. Mackintosh said that the shaft is now down 282 feet and the showing is better than that in the upper levels. The ore body is larger than ever and the mine is becoming more valuable with every foot of development done. A new 40-horse power boiler has just been ordered for the plant and the work of opening up the shaft is going ahead more rapidly than ever. Shipments to Trail are being continued.

John Dorsey who made the sensational deal on the Mountain View last season, is back from a trip to the east, where it is understood he went for the purpose of securing additional capital for the development of the property, and from the serene smile which illumines his countenance it is apparent that his visit was a successful one. He is reticent about giving out any information regarding the intentions of the company, but those on the inside say the Mountain View will be among the heavy workers this winter and that it is expected to have it shipping by spring.

Wm. Wilde, E. E. Kregel and W. C. McLennan of Columbia have located a claim on Observation mountain, which they call the Chicago. They are doing the development on the property and the showing is so good that they have decided to push work for some time. They have now in sight a ledge 35 feet in width on the surface, which they have traced the entire length of their claim, and from where the work was done they have had assays ranging from \$2.30 to \$40 in gold, silver and copper.

The first of the week three men were put at work on the Emma, a Summit camp property which has a reputation for itself in the early days of the country, but which has been closed down for two, past three or four years, having been tied up at the time of the big copper deal in the States some years ago. On Wednesday the force was increased and the work of pumping the shaft out is to be pushed at once. This working, which is now down 100 feet, is to be sunk deeper, and the showing made by the railway graders is to be stripped and otherwise opened up.

"Our main shaft is now down 384 feet," said Manager Parrish of the B. C. mine, to a Pioneer man this week. "We have been cutting a station for a few days, but expect to resume sinking again in a short time. We have so far shipped 16,000 tons of ore, nearly all of which was sent to the C. P. R. smelter at Trail, during the month of October, when we shipped about 4,000 tons, but November shipments were less, amounting to 2,500 tons. This was on account of some necessary timbering and alterations, which occupied part of our force of men. "Just now," continued Mr. Parrish, "we have about 90 men employed above and below ground. Our new bunk house is completed and we are enlarging the boarding house." Asked as to the rumors in regard to the B. C. mine, building a smelter at Boundary City or elsewhere, he replied: "There is not a word of truth in it, and so far as I know there is nothing of the kind in contemplation. Why we have not got sufficient ore blocked out yet to keep a smelter running continuously, so why should we think of putting up reduction works?"

MINES AND MINING

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

LEDGE OF THE TAMARAC. It Has Been Located at the Bottom of the Winze.

The vein has been located in the Tamarac at the bottom of the 300-foot winze. This winze is run from the bottom of the lower tunnel. The report of this find was received by Mr. Arthur Marsh yesterday from Mr. Richard Roberts, the engineer of the company. Mr. R. C. Riblet, who is constructing the tramway from the Tamarac to the Nelson & Fort Sheppard railway, says the work is making good progress, and that it will be finished between the 10th and 15th of January. The railway company promised some time since to put in a siding at the end of the tramway, but so far has failed to do so.

NELSON AND DERBY.

A Company Being Formed in Nelson to Take Them Over.

The Rossland Proprietary company of Nelson, now being formed to take over the Nelson No. 2 and Derby claims in Rossland from the parent organization, the Societe d'Etudes de British Columbia, will not develop their properties in the immediate future, says the Nelson Tribune. The owners of the Spitzee claim, just below the Nelson and Derby, are working steadily, and their property improved every day. The Nelson and Derby, the owners of the Nelson and Derby, the owners of the Spitzee crosser shot. As the vein on the Spitzee crosser the Nelson and Derby, the owners of the work for the present. The lead is said to be something over 50 feet in width, and while the grade of the ore is low, as is characteristic of the Rossland camp, the size of the ore body makes the property as promising a prospect as any in the camp. An unusual feature of the Nelson and Derby is that they are in the middle of a residential portion of Rossland. The surface is cut up into 127 building lots, intersected by Columbia avenue and other thoroughfares on which water mains and sewers are laid. This gives the claims a value apart from the mineral they may contain.

THE COPPER KING.

A Property That Should Prove a Money Maker.

At last the Kamloops mining district is being exploited in a business-like way, says the Kamloops Standard. The Iron Mask and the Lucky Strike are being worked in a systematic way by men who know what they are about. The Copper King, which has been humbugged by so-called "practical miners," whose sole idea was to spin out a job, is now being developed as it deserves to be. On Sunday last Messrs. Redman & Outhett took out a party of well known citizens to see the property, and judging by their remarks on the way home, they were more than satisfied. The shaft in which the work is being done is situated about 300 feet above the level of the road, and is in an exceedingly favorable position for carrying the ore by an aerial tramway of about three-quarters of a mile to the C.P.R. main line, so that the expense of marketing the ore will be nominal.

The shaft at present in use is a single compartment, and is down about 40 feet. At present a shaft house is being erected over it to enable the work to go on uninterruptedly during the winter.

The shaft is down about 40 feet, but it is not the intention at present to sink any deeper, as the shaft is not intended to be a permanent one. Work is therefore being pushed on the ore body, until the point selected for the permanent shaft is reached, when an upraise will be made and sinking commenced.

The ore revealed so far by the work done in the drift is, to say the least, most encouraging. The present workings are 6 feet in width by 6 feet 6 inches in height, and are all in ore. As the vein has not been cross-cut the full width has not yet been determined. The face last Sunday, when we examined it, showed a large amount of bonnite, which carries about 50 per cent. copper, the rest of the rock being of varying grades of ore.

At the surface were many sacks of high grade ore being got ready for shipment, and the whole dump is made up of ore, which, when locally smelted, will yield considerable profit. A thorough examination of the property satisfied the mining men with the party, that the Copper King was a property that will be a mine. Nature has done her work, it remains for man to do his, if he can, without blundering, and under Mr. Redman's management, we believe this can be accomplished.

ROCKLAND GROUP.

What the Miner-Graves Syndicate Is Doing With It.

The programme decided upon by the Miner-Graves syndicate with regard to their Slovan property, the Rockland group, has been watched with keenest interest by the mining operators who have property in that section. W. Yolen Williams, superintendent of the syndicate, stated to the Nelson Tribune, when approached on the matter: "I am not able to give you definite information as to the resumption of work on the Rockland group, but it is quite probable that active operations will be commenced on the prospect as soon as the snow is off the ground."

The Rockland is on Eight-Mile creek, three and a half miles southeast of Silverton. The formation is a belt of schist or altered slate with large bodies of mill

ing ore, the values being carried principally in arsenical iron, although some copper exists. The Miner-Graves syndicate bought from Alex Sproat of New Denver, Judge Spinks of Vernon and Frank Watson of Spokane. Since taking over the group a sum estimated at \$30,000 has been spent in development. The assumption is that the owners propose to mill the output of the Rockland on the ground and ship the concentrates to their smelter at Grand Forks where the iron will be excellent for fluxing purposes and thereby ensure a profit in working. It is generally thought that the time and attention which the management was naturally compelled to give its Boundary enterprises would to give its Boundary enterprises. The Rockland and Old Ironsides mines reaching a producing basis, engrossed so much of their time that they simply had no time to devote to enterprise further afield. Now that smelters and mines are running smoothly the supposition is that they will be prepared to go ahead with work on their Slovan property and develop it on an extensive scale. It goes without saying that a programme along this line would mean much for the section generally.

Among the properties on the same slope as the Rockland are the Congo group, owned by V. M. Benedum of Silverton and others; the L. H. and Los Vegas, owned by A. R. Findland, manager of the Monitor mine at Three Forks, Charles Brand and John Tingling; the Baby Ruth, owned by A. R. Findland and others; the Spokane group, owned by Silverton parties, and the Silver Tip, owned by the Mackenzie Mann syndicate. The mineral belt runs north and south from the Rossland toward Rain mountain.

THE ROCK LAKE CONCENTRATOR.

The Rock Lake Mining Co., Ltd., whose office is in Sault Ste. Marie, has a copper property situated in the district of Algoma, Province of Ontario, Dominion of Canada, about 35 miles east of Sault Ste. Marie and nine miles due north of Bruce Mines Station on the Canadian Pacific Railroad. This is a copper property, and a concentrator has recently been built. It is described by the designer as follows: "The Rock Lake 200-ton concentrator is situated on a suitable side hill of 21 degrees slope on the shores of Rock Lake. It is adjacent to the vein and handy to the lake for water transportation to the mill, thereby shortening very considerably the distance concentrates or matte must be hauled. The crude ore from the mine is dumped into stowe bins so placed at the head of the mill that the ore will fall by gravity into a 26x30-inch Blake crusher. The product from the crusher all passes to a one-inch mesh revolving screen or trommel, the oversize from this trommel going to a set of 16x30-inch belt-driven rolls. These rolls are provided with adjustable ball and socket bearings to prevent cramping, and consequent wear to shafts. From these rolls the ore is elevated to the above mentioned trommel so that all ore passing to mill has to go through its preparations.

"From this trommel the ore passes to the line of four sizing screens, the preparation of these screens being 7-16 inches, 5-16 in., 3-16 in. and 1-12 in., respectively. The oversize from the 7-16 inch screen is delivered to a coarse jig of special design in which the concentrates are separated by parallel motion. The oversize from the other revolving screens is also delivered to jigs having screens to suit the various sizes of ore, and the last screenings from the finest trommel run to a settling tank to be treated on still finer jigs. The middlings from jigs are crushed in another set of 16x30 in. rolls and elevated into the string of trommels again for sizing and distribution.

"The tailings from jigs are led to a set of high speed 6x48 in. rolls, then elevated to a settling tank and fed over Wilfley tables. All material fed on Wilfleys is first sized in a patented sizer where the pulp is thrown by centrifugal force against a screen of 18 mesh to the inch, the oversize being led back to the high speed rolls. Concentrates from jigs and tables are spotted down the mill and settled in large bins, from which they will be delivered to the smelter. Adjacent to the mill is an engine and boiler room 38x64 feet, in which are placed a 250-horse power tandem condensing Corliss engine and three tubular boilers of 80-horse power each, this power plant being amply large enough to furnish the mill with electric light and also drive the mill at a considerably increased capacity, provision for which has been made in the building. The machinery was furnished by Jencks Machine Co., Sherbrooke, Quebec, made according to designs furnished by the undersigned.

GEORGE WILLIAMS, Engineer of Construction, Butte, Montana."

GOLD OUTPUT.

George E. Roberts, director of the United States mint, declares that 1001, the first year of the 20th century, will show the greatest gold production the world has ever known. "We estimate from data in our possession," he says, "that the world's production next year will reach the enormous total of \$385,000,000—\$1,000,000 a day of the yellow metal extracted from the bosom of our beautiful mother earth. Moreover, the year 1901 will show that the United States is again at the head of all countries as a producer of gold. Our total next year will probably rise to \$94,000,000, eclipsing Austria and South Africa for the first time in several years."

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