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To All Eastern and European Points

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## THE MINING REVIEW

Excellent Result of the Development in the Velvet.

SHIPMENTS, 4,169

On That Basis the Value of the Camp's Output For the Coming Year Will Be Over Six and a Half Millions-News of the Mines.

The development of the Velvet has been one of the interesting features of not only has the ore become more solid, the past week. The property has a but there has been a marked increase in 90 feet. About two feet of ore is being splendid surface showing, but there was a troublesome break a little ways below | by Superintendent Hall to develop the gold, silver, and a little copper. The the 100-foot level, and the overcoming of to the present had never been exploited. showing is better than it has been for has yet been uncovered in the mine. present temporary one. Splendid copper ore is being taken out, and even under the present adverse conditions as regards transportation much of it could be profitably shipped.

ning by the middle of the week, so the and over 10 per cent in copper. The well under cover, and will soon be getmanagement promises. The plant has discovery shows that the fault met with ing into the hillside. Work in the upper management promises. The plant has below the 100-foot level was not a serible tunnel continues, and shows much iron ous one, and that the ore body extends and quartz ore. rarely been equaled in the camp. The beneath it carrying even higher values WHITE BEAR.—The shaft is down 250 conditions were particularly unfavor- than above the fault. The ore is a chal- feet, and a station is being made at that able, but the work was put through with copyrites mixed with quarts. A crosscut point. Some new ore has been met in was driven back 30 feet at the 165-foot the side of the station. a rush, and the Deer Park will soon be level, and it was from the end of this ABE LINCOLN.—The shaft is down under development with facilities some- crosscut that the drift was started which nearly 175 feet. Some stringers of ore what equal to the merits of the prop- is now exposing such fine ore. The continue to be met.

tendent of the mine, J. B. Hastings, although as yet it is not encountered in be close to 100 men at work there. Ad- pleasant surprise, for it was not expected ditional miners will be put to work as to be met at the point reached at present rapidly as possible, and there is no doubt by the shaft. About 25 men are at work. Columbia-Kootenay Strike Is an that there will soon be 300 men em- | CENTRE STAR.-Work has been comployed. The War Eagle force is to be menced for grading the new three-comincreased to the same number, while the partment shaft which is to be sunk at Le Roi will be working as many men in once. Its mouth is on the road to the the course of the next few weeks. It is Le Roi, about 200 feet below the railroad evident that these three properties alone track. The compressor has been fired will employ between 900 and 1,000 men again, and two drills are employed from as soon as the arrangements now pend- the main tunnel level raising to meet ing can be completed.

cepted maxim that every miner supports | Centre Star almost from the first, has at least five people, Rossland will have a been secured by the Gooderham-Blackpopulation of 5,000 on the strength of stock syndicate to act as foreman. Frank the men employed only in these three Drake, the new assistant engineer, who great mines. Other properties however will assist Superintendent Hastings in will certainly work at least as many men developing the mine, is expected from as the three already mentioned, and it Spokane today. Within a fortnight 100 the most important that has yet been will be a matter of only a few months men will be at work in the Centre Star, made in the camp," said Hon. C. H. before Rossland will have 2,000 men em- and the syndicate owning the property Mackintosh, the resident director of the ployed in the mines right around the intends to push development on the

It has been such a common matter lately for the camp to break all records 1,300 men are at work. in the way of ore production that it has almost ceased to be news to record that whim has been installed on the Good ments this week are so far in advance of house have been constructed and everyanything ever before known that it is thing has thus been housed and made chute was struck went \$17; the next During the seven days ending at 6 or all winter. The shaft is now 60 feet of ore in the o'clock last night, the output of the Rossland mines was 4,169 tons. The shaft is now 60 feet deep and there is seven feet of ore in the bottom, but the values carried by the ore are small.

| Values had increased to \$0., and the 40- and has jumped to \$42. Around the 40- and bottom, but the values carried by the ore are small. only approach to this figure was the rec- are small. duct of the camp was 4,043 tons. The mander is regarded as an important the present strike was made." shippers last week were the Le Roi, the one. At a depth of 225 feet in the shaft War Eagle and the Iron Mask. It may a body of ore that is two and a half feet be needless to say that of these the Le wide has been encountered. The ore at Roi, like Abou Ben Adam, "led all the this point is of a shipping quality, as it rest." Its output was 2,607 tons, or the averages \$32 to the ton in all values. enormous total of 5,214,000 pounds of The chief values are in copper and gold. ore. Placing the value of the output at There are 200 tons of marketable ore on ore, and will run as high as \$30 to the \$30 per ton, the cash returns from this the dump.

\$125,070. On that basis the product of extended to its bunkers. the camp for the coming year will be no less than \$6,503,640.

ped in a single week. The War Eagle's

time, the output thus far since January exposed, and it is believed that one of amounts to an even 75,000 tons. That them is the extension of the Deer Park camp for the whole of last year, when definitely ascertained. the total was 72,840 tons.

Below is given the usual weekly summary of the work done in some of the ment shaft is now down to a depth of more important mines of the camp.

together unexpected happens, the mag- installed, which it will be shortly, the with ex-Alderman McPherson, S. R. nificent new electrical plant at the War Eagle will be running by the first of Eagle will be running by the first of driving the shaft will be rushed with all many, Lewiston, Lawless and Silver next month. The huge steel gallows Were put in place yesterday, and now all that remains is to finish the smaller framework and attach the sheathing.

The heavy skips, made at Anaconda, Mont., especially to be used in connect the structure of the structure of the structure of the sheathing in weight to 36 to 50 to 5 alone weighs five tons; it aptly illustrates the massiveness of the plant. Underground there is little change. Ore continues to be met all over the nine, and although mineral to the walls. The tunnel which is had a distance of 70 feet and the nine, and although mineral to the walls. The tunnel which is had a distance of 70 feet and the nine, and although mineral to the walls. The tunnel which is had a distance of 70 feet and the nine, and although mineral to the walls. The tunnel which is had a distance of 70 feet and the nine, and although mineral to the walls. The tunnel which is had a distance of 70 feet and the nine, and although mineral to the walls. of a million and a half has been ex- tering the ore body. An upraise is to be crosscut 30 feet and a shaft started the completion of the electrical plant, shaft. Superintendent Hastings expects to increase the force materially, and in all likelihood there will be at least 300 men employed at the War Eagle by the first of next January, three months hence. To accommodate the employes a new bunk house will be erected, capable of accommodating 90 men. Already the hotel accommodations at the property

are sufficient for 170 men. DEER PARK .- Unless all signs fail the new compressor plant will be running on Wednesday of this week. Everything is now on the ground and the only task put to work at once. One will certainly way looking to the resumption of work sion that the company had not provided therefore, requested at the hospital of be devoted to sinking, and it is possible on the Iron Colt. This is the result of any treasury stock. As a matter of fact Wednesday next at 2:30 p.m., to ar that a second may be set to drifting at the visit of J. Ferguson McCrae to the the Golden Gate company had originally range for a special entertainment. The that a second may be set to drifting at the 150-foot level, where some very fine east. Work has been suspended on this several hundred thousand shares in the sisters have made no public appeal since 275 feet. It was on November 10 last VIRGINIA.—The development of this exception of the portion which has been been tireless in their self-sacrificing that work on the Deer Park was resumed property is so satisfactory that it has sold for development purposes. under the management of F. A. Mulhol- been decided to sink from the 300- to sunk 135 feet, and very extensive drift- ing the shaft will be commenced to- ready; price \$1.00. It gives every mine making the hospital more comfortable ing has been carried out, besides surface morrow.

work and timbering. Depth has shown a complete change in the character of ending Friday night, the Le Roi shipped the ore. From a low grade deposit of 10,208 tons of ore, and for the week endiron sulphides on the surface, the lower ing last night the output of the mine workings have changed into a fine- was 2,067 tons. Both figures are the grained blue quartz, carrying at times highest that have ever been established gold in enormously high values. With in the Rossland camp. Superintendent power at hand, Mr. Mulholland will be Tregear is enthusiastic regarding the in shape to continue operations on an snowing in the mine. "We have not adequate scale. It will be interesting to commenced to prospect it yet," he said. watch the further development of the "When the new vertical shaft is in

IRON MASK .- In the No. 2 raise, where about half the ore shipped is obtained, the grade of the mineral shows a very satisfactory increase lately. A lateral fault cut the ledge at a point some distance below the present breast of the the payroll for this month will be \$28,raise. The ore in the neighborhood of 000. The incidental expenses connected the fault was considerably broken, and with the operation of a mine the size of values were only moderate. As the influence of the fault has been left behind,

it looked as if it would prove bother- The drift shows about five feet of well some time. On the Coxey, the adjoining some. Neverthless Captain James Morrish, who is the engineer for the Velvet and more satisfactory as the workings to intersect the main ledge. company, has succeeded in locating the are extended westward. At the comore body in the north drift at the 165- pany's office at the mine a substantial showing at that point is the finest that showing at that point is the mines that furnace will be erected, to replace the Operations in the No. 3 tunnel will be

VELVET .- The recent change in the Velvet has been of the most encourage to begin work in a fortnight on its proping nature. In the north drift at the left, the Mountain Chief group on Lower left level the full face of the work-left level the full face of the work-left level at the left, the Mountain Chief group on Lower left level the full face of the work-left level level the full face of the work-left level level level the full face of the work-left level level level level the full face of the work-left level lev ings is in high grade gold-copper ore, made to the smelter. The Deer Park machinery will be run- from which an assay returned \$60 in gold Jumbo.—The new tunnel is getting main shaft, which is being sunk verti-The Centre Star resumed operations cally from the 165-foot level, is down The Centre Star resumed operations during the past week, and the superindering the past week, and the superinger although as yet it is not encountered in says that within a fortnight there will large quantities. Its presence at all is a

the shaft on its downward course. Peter On the basis of the universally ac- Joyce, who has been connected with the most extensive scale. It will be only a matter of a few months before at least ing.

great product would be \$78,210, all ship- MONTE CHRISTO.—The work of development is in progress on the Monte Christo, output during the same time was an principally on the 400- and 600-foot even 1,500 tons, and the Iron Mask pro- levels. A strike is reported on the 400duced its regular quota of 62 tons.

On the conservative valuation of \$30

On the value of the mineral prode per ton, the value of the mineral prod- that the mine will resume shipping as few days since there was a stringer of uct of Rossland for the psst week was soon as the spur from the C. & W. is

GRAND PRIZE. - Development of the ess than \$6,503,640.

With only nine months of the year With the Le Roi out of the one and with the Le Roi out of the one and with the Le Roi out of the one and with the Le Roi out of the one and with the Le Roi out of the one and with the Le Roi out of the out of the one and with the Le Roi out of the out gone, and with the Le Roi out of the shipping list for the greater part of the time, the output thus far since January time, the output thus far since January exposed, and it is believed that one of the looks as though it would assay as though it would assay face of the claim. Two ledges have been exposed, and it is believed that one of the looks as though it would assay as though it would assay as though it would assay face of the claim. Two ledges have been exposed, and it is believed that one of the looks as though it would assay as the contract as is more than the total shipment of the lead, although the fact has not yet been

IRON HORSE.-The double compart-20 feet and the entire bottom is in ore.

KEYSTONE.—Superintendent McCor-The entire face of the tunnel, which is plentifully. in a depth of 40 feet, is in ore. The ore is a closed grained pyrrhotite which greatly resembles that found in the Columbia-Kootenay.

LE Roi.—For the month of September

operation, we shall be in a position to output 1,000 tons daily." Down at the 700-foot level, where the recent amazing developments have taken place, the ore body is now 42 feet eight inches in width. About 280 men are at work, and

volume of the expenditures this month. GERTRUDE.-The shaft is down about the values. A drift was recently started followed, near the center of the workby Superintendent Hall to develop the ings. The ore is a pyrrhotite, carrying

Big Four.-A blacksmith shop has just been completed. Work on the No. foot level, underneath the fault, and the GOLDEN GATE.—The company expects

**Canadian** 

IS THE MOST DIRECT, QUICKEST AND

In the Commander Three Feet of Ore Sandon and other Slocan points. Tickets issued Has Been Encountered in the Shaft -A Body of Ore Struck in the Iron Horse, Etc.

"The strike in the lowest level of the local agent or Columbia-Kootenay is proving one of British America corporation, last Fri-"The values have steadily improved as the chute has been penetrated.

Good Hope.—A Common Sense six-foot and the average assay taken yesterday across the full 26 feet of the ledge went worth while giving the figures in detail. comfortable, so that work can be carried returns gave \$24; a day or so ago the only approach to this light that the pro- Commander.—The strike in the Commet again in the No. 5 tunnel, where

A Strike in the Commander. In the Commander, at a depth of 220 feet in the shaft, three feet of ore has been encountered. It is a chalcopyrite with the find.

Ore in the Iron Horse. What looks like a lucky find has been ore about a foot wide on the surface. This has kept widening out, and at a depth of 16 feet it is the full width of

Good Results Are Being Obtained on the Tammany Group.

T. H. Rea arrived in Rossland Friday evening from the Burnt Basin where he has been working on the Tammany WAR EAGLE.—Unless something al- As soon as the seven-drill compressor is group in which he is interested along mine, and although mineral to the value to tap the shaft sunk in 1896, is just en- Lawless the ledge has already been tracted, its loss is not noticeable. With run to connect this tunnel with the which is now in ore at a depth of five NOVELTY.—The shaft on the Novelty copper pyrites, Two men are now conhas reached a depth of 20 feet, and there tinuing work on the shaft. The Lewisis four feet of ore carrying a high per cent in copper, but small values in gold.

It is folt cortain the levis-It is felt certain that at points remote before long. Assays will be made at from the surface the gold values will in- once from the different leads on these couraging results on the whole, and something quite sensational from the mick is in town from the Keystone. quartz which shows the free gold so aside subject to their credit at any time

A news item appeared in these col- tate an effort being made in the city to umns recently concerning the Golden raise funds for the new heating appar IRON COLT.—Preparations are under floated, which may have left the impres- ordered. A meeting of the ladies is

> THE MINER'S Map of Rossland is now therefore be made to assist them in or claim near the city.

J. L. PARKER, Consulting Mining Engineer.

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Steamship tickets to all parts of the world.
Tickets to China and Japan via Tacoma an
Northern Pacific Steamship Co. Trains depart from Spokane: 1, West at 3:40 p. m., daily. No. 2, East at 7:30 a. m., daily. For information, time cards, maps and tickets Close connections at Nelson with steamers for apply to agents of the S. F. &

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Ass't. Gen. Pass, Agent, 255 Morrison St., Cor. 3rd, Portland, Ore



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It is the most modern in equipment. It is the only line running luxurious club room cars. It is he only line serving meals on the a la carte plan.	DEPART FOR	TIME SCHEDULE From Spokane	ARRIVE From
Through the GRANDEST SCENERY in America by Daylight.	Fast Mail 5 p. m.	Portland, San Francis- co, Pendleton, Baker City, Salt Lake, Den- ver, Fort Worth, Omaha, St. Louis, Chicago and East.	Fast Mail 7:45 a. m.
n Great Lakes via Duluth in connection with the magnificent passenger steamers Northwest and Northland.	Moscow and Cœur d'Alene Local 8 a. m.	Tekoa, Wallace, Ward- ner, Garfield, Colfax, Pullman, Moscow.	Moscow and Cœur d'Alene Local 6:40 p. m.
General Agent, Spokane, Wash  I. WHITNEY,  G. P. & T. A., St. Paul, Minn.	8 p. 'm	From Portland Ocean Steamships All sailing dates subject to change, For San Francisco— Sail Sept. 1-6-11-16-21-26	4 p. m.
G. F, & I. A., St. I att.	7 p. m.	To Alaska— Sail Sept, 17.	5 p. m.
Sisters Receive \$750.  The sisters of the Mater Misercordia nospital yesterday received notice from	8 p. m. Ex.Sunday	Columbia River Steamers To Astoria and Way- Landings.	4 p. m. Ex. Sunday
he government that \$750 had been set side subject to their credit at any time. This is the first payment on the prom-	6 a. m. Ex. Sunday	Wiliamette River Oregon City, Newberg, Salem & Way-Land's	4:30 p. m. Ex. Sunday
ate an effort being made in the city to raise funds for the new heating apparatus for the hospital, which has been	7 a. m. Tues. Thur and Sat.	Willamette and Yamhill Rivers Oregon City, Dayton, and Way Landings.	3:30 p. m, Mon., Wed. and Fri.
ordered. A meeting of the ladies is, therefore, requested at the hospital on Wednesday next at 2:30 p.m., to arrange for a special entertainment. The	6 a. m. Tues.Thur.	Willamette River Portland to Corvallis and Way-Landings.	4:30 p. m. Tue., Thu. and Sat.
sisters have made no public appeal since June, 1897. Since that time they have been tireless in their self-sacrificing	lv. Riparia	Snake River Riparia to Lewiston	lv. L'wist'n Daily Except Friday

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No Extra Fares. Leaves St. Paul Union Depot at 8:05 p.m. daily-after arrival of trains from Montana and the Pacific Coast. Tickets at offices of connecting

Time Table No. 32, taking effect Jan. 1st, 1898 VANCOUVER ROUTE.

Victoria to Vancouver-Daily, except Monday at Vancouver to Victoria—Daily, except Monday at 13:15 o'clock, or on arrival of C. P. R. No. 1 NEW WESTMINSTER ROUTE. ave Victoria for New Westminster, Ladner's

Landing and Lulu Island—Sunday at 23 o'clock; Wednesday and Friday at 7 oclock. Sunday's steamer to New Westminster con-nects with C. P. R. train No. 2 going east. Plumper Pass-Wednesdays and Fridays at Moresby and Pender Islands-Friday at 7

ave New Westminster to Victoria Monday at 13:15 o'clock; Thursdays and Saturdays at r Plumper Pass—Thursdays and Saturdays at or Pender and Moresby Islands—Thursday a 7 o'clock. NORTHERN ROUTE.

eamships of this Company will leave for Fort Simpson and intermediate ports via Vancou-ver, the 1st and 15th of each month at 8 o'clock. And for Skidgate on 1st of each month. BARCLAY SOUND ROUTE.

amer Tees leaves Victoria for Alberni and Sound ports the 15th and 30th of each KLONDIKE ROUTE.

eamers leave weekly for Wrangel, Juneau, Dyea and Skagway.

The Company reserves the right of changing his Time Table at any time without notification. JOHN IRVING, Manager. A. CARLETON, General Agent.

SCHEDULE. Effective Monday, Aug. 5, 1897. RASTBOUND. WESTBOUND. No. 2 No. 5 0. 5 No. 1 :45 21:00.....ROBSON. :00 21:45.....TRAIL ....

22:05......ROSSLAND .. No's I and 2 connect with C. P. R. main line teamers, and trains to and from Nelson at 'Rob-Train No. 6 will leave Smelter for West Robson at 11:30; arrive West Robson 12:45.

Train No. 5 will leave West Robson for Smelter

at 14:30; arrive West Robson 15:45. All trains daily. F. P. GUTELIUS, Gen. Supt ern portion of t ion via Salmo ai sheet evidently lic to believe th undertaken this tention of build route. In supp claims to have I

that THE MINE foundation. We have our iness of Mr. Despite Brer strenuous effor into the favor officials of the why Mr. Shau distance in the him more than But be this as lished in THE authoritative s

believe it to be But this is desired to lea prove that the of Nelson wou railway facilit main undevel the Nelson I Mr. Shaughne dent of the Ro

which he says "I do not th to consider original plans, that any pract can be found h Kootenay lake via the Salmon into United St

This letter 1898. This is fore Mr. Shau