The Cost of Mining Reduced to \$3.25 Per Ton. cluding Development-A Description of the Plant and the Method in Which it

The new system of operation is now been put into place during the past twelvemonth will shortly commence to work tojust as soon as the system has come into mary condition and not where the development has been allowed to run behind from one cause or another. As this state of things is not the case upon the Le Roi things is not the case upon the Le Roi case the case upon the Le Roi case the case upon the Le Roi case the case t at may therefore be neglected as a factor ore to the sampling mill.

The ore passing through the grizzly enhas had to be expended a vast sum of money which will not, taking the necessary enlargement of the smelter into cona eration, fall far short of a half million dollars. Up to the mine having been taken charge of by the present general manager the development and machinery were so calculated as to provide for a much lower output than will be the case

under the new arrangements.
The scheme is far-reaching and comprehensive in its details. It may be sammed up shortly as a method by which the from the time it leaves the moor or the stope from which it is extracted until time it is delivered into the bins at the smelter it has only to be handled But to do this has cost \$500,000.

The first thing to be arranged for was the power. At Christmastide, 1899, there 100-ton boilers in the same building as the plant itself. It was thought advisable to minimize the risk by placing the boilers in a separate building. This has been There have been erected three batteries of boilers, each of 126-horse-power, and working at that pressure of steam. Each battery consists of three boilers, so that the total nominal capacity of 1,125 horse-power is obtained. In addition to flow. these, there are two Heine safety boilers, whose horse power is equal to as much more when worked at the pressure per-missible, which in the case of the last named, ranges from 150 to 175 pounds per square inch. These two boilers alone under the same pressure of steam, 125 pounds to the square inch, the horse pow-er available is 1,950. All these batteries are piaced by themselves in a separate building, from which sacam pipes are passed into the compressor building about 200 feet away. The compressor building taself has been enlarged and a second compress of the same power, 40 drills, has been essembled and is in working order. In addition to this another compressor of the same size, which, however, will be worked by an 800-forse-power electric motor, is being erected onthe Nickel Plate a half-mile away. The compressed air pipe from this plant connects

ed synchronously, the actual number of the roasting headrills that can be worked is nearer 160. duction started. the conditions of the increased outall the power they at present will re-

But it will be noticed that the power generated by the batteries of boilers is in excess of that needen by the compressors alone. A steam pipe leading to the hoisting engine some 400 feet away supplies both hoisting engines there with power. The larger of these two engines, built by Messrs. Fraser & Chaimers, has a ca, acity of 800 horse power and is capable 2,000 teet per minute. The engine is of the direct hoisting type and is not geared so that no power is lost. Alongside of this is being erected another of smaller one The size of the direct engine atself is about that of two 40-drill compressors. A five-compartment shaft is worked by these engines. One of the compartments is reserved for the ladderway and power and water pipes going down direct hoist for the ore and the remaining two are for the descent of the men, entrance of timbers and the taking out of waste. The shaft itselt is a part of whole scheme of operation and has been almost entirely wened during the year just past. The only exception was that a small shaft existed from the Black tunnel level, about 450 feet below the collar of the present shaft which went down to the 700-foot level. 'The shaft now includes that part of the whole sinking which has been enlarged to the full size The shaft is now down 900 feet and timbered the whole way. Beyond this point the management are now sinking 600 feet further, but the hoisting power is sufficient to run the skins even at a further depth of 500 feet, or 2,000 feet in all. The

Before. After. Wood's Phosphodine, The Great English Remedy.
Sold and recommended by all druggists in Canada. Only reliable medicine discovered. Size packages guaranteed to cure all excess, Mental Worry. Excessive use of Toco, Opium or Stimulants. Mailed on receipt price, one package \$1, six, \$5. One will-plasse, will cure. Pamphlets free to any address.

The Wood Company, Windsor, One.

by Goodeve Bros. and Rossland Drug Co. in the west.

the dip of the main ledge. The old shaft, a three-compartment, still exists to the east of the newer sinking and will be used for the next year to come. After BERNARD MACDONALD SPIRNED A that it will be used only as an upcast for ventilating the workings.

At each station on the big shaft, where

stoping is in progress on the level, orebins have been constructed for the reception of the ore coming out of the stopes. As is known, stopes are worked from floors.

From each of these hoors an orecliute is constructed so that the mucker shovelling the broken rock as it is blasted out of HALF-MILLION DOLLAR PLANT the ledge shovels it straight into the chu where it runs down to the main adit of the level. Here a small hand ore car is pushed under the hp of the orechute, the gate opened and the car allowed to fill. The ore is then pushed along the level till it reaches the snaft, where it is tipped into the ore bin. The skip coming ready to start up at the Le Roi mine. down the shaft is filled from this bin and ready to start up at the Le Rol mine.

I'he vast pile of machinery which has is then hoisted to the surface. Here it ascends over the head frame until a height of 100 feet above the floor of the gallows frame is gained. The skip then tips augether so that an enormous reduction will tomatically and discharges its contents over a grizzly with a wide opening between the bars or rails. All that cannot and development together will in future, pass through the grizzly is discharged into general working order all over the mine, is a piece of machinery larger than any not cost more than \$3.25 per ton. This is which weighs over 30 tons. This is driven of course, speaking of the mine in ordiby a small electric motor. The larger

> counters directly below a second screen of a smaller aperture. Through this passes the very small fragments of ore. The medium sized ore, not passing through a crusher, is discherged in a similar way to that ore which is crushed on to another sorting belt of the same size as that first mentioned and running parallel to it with-in a distance of three feet. The very

These sorting belts are driven by the some electric motor as that governing the ore crusher and travel upwards. When-ever the presence of waste within the ore renders it necessary a body of sorters are placed between the belts and pick off the waste in front of them as the flat belts pass them at the rate of 60 feet per minute and throw the same into chutes at was in existence one forty-drill compresor, their hand communicating with a waste bin which can be drawn off from upon the mine road passing directly below this part of the machinery. At the highest point loss of the shareholders, but in such of the belts the ore deposited upon them is automatically thrown into a sampling mill and the best revolves back to its original point of starting. The action of the belt is therefore continuous and the ore from the grizzhes and crusher is continually being deposited upon them in a regular flow. The sampler can deal with 600 tons each eight hour shift. As the ore descends, impelled by gravity through the mill, it is segregated into smaller and smaller por-tions until at last one part is ground into small powder and is ready for the assay office. This is situated close at hand and are capable of supplying sufficient horse is fitted up with the most modern improve power to run two 40-drill compressors.

hen all the boilers are running together, are capable of dealing with all the order. are capable of dealing with all the ore thus sampled. It will be seen that the ore in this manner is thoroughly sampled

in the most efficient manner possible and one that is employed by all smelters in buynig ore.

After passing through the sampling mill which is run by a second electric motor, tho ore falls into a bin whence it is drawn off into the buckets of and endless tramway. This aerial tramway is provided with trated 150 feet when a ledge of ore 20 feet in width was encountered. When the ledge had been cut for 20 feet water buckets hoisting those emptied, to the massive ore bin over the railway track.

As the buckets reach the lowest part of the tramway they are passed around the suspended for the time based around the suspended for the suspended fo As the buckets reach the lowest part of the tramway they are passed around an eight-foot horizotnal wheel, tipping in the level, and put to work in the face of the with that from the other two compressions and the connection is so arranged at the first call for power will be upon into the ore bin itself. Hence they are bored when a ledge was encountered bored when a ledge was encountered bored when a ledge was encountered by least evening it had been crossout. the electrical compressor, which will thus drawn off into the railway tracks and and by last evening it had been cross the electrical compressor, which was still taken down to the smeiter 16 miles away for a distance of 16 feet and was still the nominal power of these plants is and are there tipped into the ore bins of in ore. 120 drills, but as they are not being work- the smelter whence the ore is taken to the roasting heaps and the process of re-

The power is, therefore, more than will be required by the Le Roi itself, even unust be understood that in connection This is succinctly the process but it with the main portion of the plant there put, and there is sufficient to supply the are numerous subsidiary details which subsidiary properties of the Rossland themselves run into much money, but Great Western and the Le Roi No. 2 with which are really an almost indispensable themselves run into much money, but part of the whole. In this category may be mentioned the timber framing shed which itself occupies much ground and which is full of labor-saving devices. There is, in addition, a complete system of fire protection, a flume which brings the water of cooling the water used in the compressor plants which in itself is ingeni satisfactory and, comparatively speaking,

When it is considered that this plan. which only existed in the brain of one man some 14 months ago, is now ready for operation, and the whole face of the Le Roi hill and that or the ground now all Throat and Lung diseases on earth. covered by the equally altered smelter at The first dose brings relief. Astounding Northport is utterly changed, something more than mere admiration is due to the that the ore of this camp which a short tive years ago could not be treated, except its value was near \$30, and was therefore greatly restricted in quantity, has now become lowered to a point where a profit can be made of \$8 ore, of which the hills are full all over the neighborhood. The satisfactory carrying out of this gigantic and costly experiment will mean the ex-istence of a city here of whose size the

A BIG MINING CAMP.

Mr. George Pfunder returned yesterday from a trip to Butte, Mont., has been looking after some mining business. He says Butte is a great camp and the output instead of decreasing is growshaft is inclined, going down at an angle ing larger. He reports that the snow of about 72 degrees north, which is about has all gone there and the weather is so pleasant that there is no need of wearing overcoats. The payroll at present is \$1, 50,000 per month. There is a shortage of water for the smelters and concentrators and a supply is being brought from the Big Hole river, a distance of 35 miles. This will insure an ample quantity of water for all purposes. The people of Butte over your eyes? Is there a constant drop-feel that the camp will last for a century ping in the throat? Is the breath offenat least. Mr. Pfunder says he saw one train loaded by the Amalgamated Copper company going from Butte to Anaconda cure most stubborn cases in a marvel-wnich had 73 cars of about 50 tons each. lously short time. If you've had catarah This train was drawn by a single Hawk a week it's a sure cure. If it's of fifty Wood's Phosphodine is sold in Rossland engine, said to be the largest of its kind

BERNARD MACDONALD SPURNED A \$500,000 BRIBE.

Conspirators Wanted Him to Diminish the Output-Letters and Telegrams in Possession of the Company.

would expect num to pursue. The inci-dent, which is almost as dramatic, if not as spectacular as Gov. Mackintosh's mid-which there is no intention of breaking. night ride on a special train from Spokane The property has been allowed to lie un to Rossland while eluding persistent liti- worked, owing to the unfavorable condigants several years ago, was briefly mention of the financial market. Mr. W. H. Jeffrey, the well-known mining engineer, disclosure respecting the attempt to but the work that has been done since Whitaker Wright, managing director at the

act from the speech of Whitaker Wright: "He would, however, tell the meeting what had happened within the last few weeks in connection with the Le Roi mine, which was one of the best mines in the world. The manager of that mine was approached several weeks ago by a certain engineer who offered him a profit on the stock exchange of £100,000 by-and-bye to diminish the output and to wreck the comsmall ore is passed in like manner on to a third sorting belt alongside of the other two but which is only two feet in breadth.

(Cries of Name?) The name was in the hands of the solicitors. Counsel's opinion had been taken on the subject, and if the matter could be broaden. and if the matter could be brought home to him it would be. (Hear, hear.) In this case they had encountered an honest mine manager—(applause)—who had for-warded the letters and telegrams to his the hands of the man in question and ruin

him and his party. Had the Globe Corporation not got into its present position, and had to hold this meeting so soon, those conspirators would have ended in prison, because that little game would have been carried out to a finish, not to the way that those people would have so com tion would hold against them. This, how ever, was a matter for the Le Roi share-holders, who would have an opportunity some day of reading the various cations from the manager on the subject.'
At the same meeting this resolution was

"That the directors be requested to as sist the liquidators in arranging for a reconstruction of the company upon the terms thaat a new company be formed to take over the assets and liabilities of the existing company, the scheme of which will be forwarded to the shareholders in due course in the notice convening the meeting to carry the same into effect.

LARGE ORE BODIES.

They Are Being Encountered in Green Mountain.

On the 350-foot level of the Green Mountain the diamond drill had pene-trated 150 feet when a ledge of ore 20

Good Ore on the Spitzee

The shaft on the Spitzee has reached a depth of 63 feet and some of the highest grade ore yet found in the workings has just been met. The question as to whether to drift on the ledge pass Revelstoke one day earlier. at the present level or to wait until t'oc 100-foot level has been reached is being considered. The management is pleased with the way in which the Spitzee turning out.

Thousands Sent Into Exile.

Every year a large number of poor sufferers whose lungs are sore and racked with coughs are urged to go to another climate. But this is costly and not always sure. Don't be an exile when Dr. King's New Discovery for Consumption will cure you at home. It's the most infallible medicine for Coughs, Colds, and cures result from persistent use. Trial bottles free at T. R. Morrow and Goodenterprise and energy shown. It means eve Bros.'. Price 50c and \$1.00. Every bottle guaranteed.

NEW MATTE TARIFF

Substantial Reduction in Rates Will Benefit the Kootenay Smelters

The new tariff issued by the C.P.R. respecting matte and bullion from all Kootenay points to New York and Newses to confer a substantial ben ark prom efit upon the smelting, and incidentally to the minin gindustry. The new cut in the rate from Nelson and Trail is \$2 per Butte's Payroll Is \$1,250,000 Per Month and Is Growing.

the rate from Nelson and Iran is so per ton, and from Grand Forks and Greenwood it amounts to \$4 per ton. The Granby smelter at Grand Forks ships and Iran is so per ton, and from Grand Forks and Greenwood it amounts to \$4 per ton. The Granby smelter at the grand Forks ships and Iran is so per ton. average of 130 tons weekly. On this basis the annual saving in freights will amount to \$27,040 per annum, and proportionately when the plans is enlarged.

#### FOUL. LOATHSOME, DISGUSTING CATARRH

SECURE RELIEF IN TEN MINUTES AND A RADICAL CURE

Does your head ache? Have you pains These are certain symptoms of Catarrh. Dr. Agnew's Catarrhaf Powder will 11:00 p.m .... years' standing it's just as effective.-6.

#### GOLDIE-RENE.

The Fifth Annual Meeting Resumpt of Work in the Spring.

The fifth annual meeting of the Goldie afternoon in the Nelson and Fort Shephard land office and the following officers were appointed as the directorate for the coming year: W. B. Townsend, president; J. Y. Cole, vice-president; W. H. Danby, secretary-treasurer, and J. Watts and W. B. Husband directors.

Bernard Macdonald, general manager of the B. A. C., declines to discuss the public statement that he was offered \$500,000 by certain speculators if he would "diminish the output of the Le Roi mines and wreck the company."

That he was "approached" is no secret; There are two small shafts upon the properties, a good deal of stripping and his indignant refusal followed by the notication of his employers, was the natural course anybody knowing Mr. Macdonald would expect him to "pursue. The incithe past three years. The treasury is almost intact and there still exists a pool, adjourned extraordinary general meeting of the shareholders of the London & Globe Finance Corporation, Limited, held in London, Eng., on the 14th uit.

The Colonial Goldfields Gazette, in its was not executed under his superintend issue of the 19th ult., contains a report of the meeting and the following is an extract from the speech of Whitaker Wright: work is done under proper direction upon the Goldie Rene that very good returns



#### NONE BETTER

SOLID VESTIBULED TRAINS PALACE DINING and OBSERVA-TION CARS--MEALS A LACARTE

Direct conection at St. Paul, without change of depot, with all trains for Chicago, Toronto, Montreal, New York and all points west and south.

Close connection east and west bound at Spokane with trains of the Spokane Falls.

& Northern railway.

Leaves Spokane daily for West—1:45 a.m.
Leaves Spokane daily for East 10:45 a.m.
West bound trains make direct connection for Victoria, Vancouver, Portland, San Francisco and all points on the Sound.
During the season of navigation East bound trains connect at Duluth with the magnificent steamships North-West and magnificent steamships North-West and North-Land, of the Northern Steamship

North-Land, of the Northern Steamship company line, operated in connection with the Great Northern railway.

For further information, maps, folders, etc., apply to any agent of the Spokane Falls & Northern railway, Kaslo & Slocan railway, Kootenay Railway & Navigation company or to company, or to F. I. WHITNEY.

General Passenger and Ticket Agent. St. Paul, Minn. H. A. JACKSON,

# CANADIAN PACIFIC KY.

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First-class Sleepers on All Trains From REVELSTOKE AND KOOTENAY LDG.

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A POINTER for your Bastern trip is to see that you

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TrainsDepart—
8:00 For Nelson, Kaslo, Cascade, Grand
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18:00 For Nelson, Sandon and Slocan
Daily. points, Revelstoke, Masn Line
and Pacific Coast, and via Crow's
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For time-tables, rates and full information, call on or address nearest Local
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A. B. MACKENZIE, City Agt. A. C. McArthur, Depot Agt. E. J. Coyle A. G. P. A. Vancouver, B.O.

WINTER SCHEDULE.

Nelson & Fort Sheppard R'y

RED MOUNTAIN RAILWAY

The only all-rail route between all points east, west and south to Rosaland, Nelson and all intermediate points; connecting at Spokane with the Great Northern, Northern Pacific and O., R. & N. Co.

Connects at Nelson with steamer for Kaslo and all Kootenay Lake points.

Connects at Meyer's Falls with stage daily for Republic, and connects at Bosburg with stage daily for Grand Forks and Greenwood.

EFFECTIVE SUNDAY, DEC. 25, 1900.

Day Train. Arrive Spokane ..... 6:40 p.m. Rossland ..... 3:10 p m. Nelson ..... 7:15 p.m. Night Train Spokane ...... Rossland ..... 1:00 p.m. Rossland ...... 7:00 a.m.
First-class sleepers on night train.
H. A. JACKSON, General Passenger Agent. H. P. BROWN, Agent,

Ranie & Sleen Railway.

Kanie & Sleen Railway.

Antonal Navigation & Trading Co.

Bedlington & Nelson Railway,

Kestenii Valley Railway.

Navigation Company

Kootenay Railway &

and all points on the O. R. & N. and Northern Pacific Bailways in Weshington, Oregon and the Southern States.

Kaslo & Slocan Rallway Passenger train for Sandon and way stations, leaves Kalso at 8:00 a. m. daily, returning, leaves Sandon at 1:15 p. m, arriving at Kaslo at 3:35 p. m.

International Navigation & Trading Compan Operating on Kootenay Lake and River 8. 6. "KASLO."

Leaves Pilot Bay daily at..... 8:60 a. m. Leaves Pilot Bay daily at.... 9:15 a. m. Arrives Kuskonook daily at... 11:16 a. m. RETURNING. Leaves Kuskenook daily at ... 12:40 p. m finest train in the world Leaves Nelson daily at..... 7:00 a. m. Leaves Pilet Bay daily at.... 9:15 a. m. Arrives Kaslo at ...... 10:45 a. m

RETURNING. Leaves Kaslo daily at...... 1:00 p. m Leaves Pilot Bay daily at .... 2:30 p. m. Arrives Nelson at..... 4:30 p. m. B. & N. AND K. V. RYS.

Passenger train leaves Kuskonook for Spokane daily on arrival of steamer "Kaslo," connecting at Bonner's Ferry with Great Northern "Flyer," eastbound. Leaves Spokane for Kuskor-ok daily at 6:25 a. m., making direct connection at Kuskonook with steamer "Kaso" for Nel son and Kaslo.

Steamers call at principal landings in both directions, and at other points when Tickets sold to all points in Canada and the United States. To ascertain rates and full information

ROBERT IRVING, Manager, Kasle, B. C.

## Canadian Pacific Nay. (LIMITED.)

WHARF STREET, VICTORIA.

Time Table No. 54.-Taking Effect Nov. 1, Victoria to Vancouver—Baily, at 1 a.m. Vancouver to Victoria—Daily, at 1:10 o'clock p.m., or on arrival of C.P.R. No. 2

NEW WESTMINSTER ROUTE. Leave Victoria for New Westminster Friday at 7 s.m. Leave New Westminster for Victoria and Way Ports—Wednesdays

and Saturdays at 7 a.m. NORTHERN ROUTE. Steamships of this company will leave for Fort Simpson and intermediate points, via Vancouver, 1st and 15th of each month.

Steamships of this company will leave BARCLAY SOUND ROUTE.

Steamer leaves Victoria for Alberni and Sound ports, on the 1st, 7th, 14th and 20th of each month, extending latter trips to Quatsino and Cape Scott.

The company reserves the right of changing this time table at any time without G. A. CARLETON,

General Freight Agent. C. S. BAXTER, A 100 or between



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TWO TRAINS DAILY ORTEST AND QUICKEST ROUT

Walla Walla, Baker City Mines, Portland San Francisco, Cripple Creek Gold Mines and all points East and South. Only line East via Sait Lake and Douver. Steamship tickets to Rumne and other

foreign countries. Leaves | Spokane Time Schedule. | Arrive Daily | Effective May 13, 1900 | Daily 7.35 a.m. FAST MAIL—For Coeur d'Alenes, Farmington, Garfield, Colfax, Pomeroy,
Waitsburg, Dayton, Walla
Walla, Pendleton, Baker
City and all point for the
RAST. HAST MAIL - From all points RAST, Baker City, Pendleton, Walla Walls, Dayton, Waitsurg, Pomeroy, Moscow, Fullman. Colfax, Garfield Farmington and Coeur d'Alenes RXPRSSS-For Farmington, Garfield, Colfax, Pullman, Moscow, Lewiston, Port-Garfield and Farmin STEAMER LINES.

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MONTHLY SAILINGS BETWEEN PORT AND and the principal ports of China and apan under the direction of Dodwell, Carilli 8 Japan under the uncommender to the River Route.

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Riparia and L.

Riparia and L. Steamers between Riparis and Lewiston leave Riparia Feb. 4th, 6th and 8th and alternate days at 340 a.m., teterning leave Lewiston Feb. 3rd, 5th and 7th and alternate days at 7 a.m.

For through tickets and further information apply to any agent S. F. and N. System or at O. R. & N. Co.'s office, 430 Riverside avenue, Spo-H. M. ADAMS, General Agent.

A. L. CRAIG. Passenger Agent, Portland, Oregon NORTH WESTERN (C.ST.P. M. & O.RY)

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"The North-Western Line" also operones double daily trains to Sioux City,

When you go East or South ask to be ticketed via this line. Your home agent can sell you through. For free descriptive literature write

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DOUBLE DAILY TRAIN SERVICE Through tickets to all roints in the United

SPOKANE TIME CARD.	ARRIVE.	DEPAI
No. 11, West Bound	9:25 a. m.	\$35 a.
No. 12, East Bound	9:35 a. m.	9:45 B.
No. 3, West Bound	10:50 p m.	11:00 p.
No. 4, 'East Bound	11:45 p: m.	11:55 P.
*Coeur d'Alene Branch	5:30 p. m.	7:25 8.
Palouse & Lewiston "	1:15.p. m.	9:50 8.
*Central Wash Branch	1:00 p. m.	8:30 a.
*Local Freight West	5:30 p. m.	6:00 a.
*Local Freight Bast	2:55 p. m.	7.30 8.

H. P. BROWN. Agt. R. M. Ry., Rossland, B C. J. W. HILL General Agent, Spokane, Wash

A. D. CHARLTON.



Limited" trains of the "Chicago, Milwau-kee & St Paul Railway." "The only per-

ect trains in the world." You will find it desirable to ride on those trains when going to any point in the Eastern States or Canada. They connect with all Transcontinental Trains and all Ticket Agents sell tickets.

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# Atlantic S. S. Lines

(From Portland, Me.)

Allan Line Numidian ..... Feb. 6 Allan Line Crintbian ..... Allan Line Tunisian ..... Feb. 23
Allan Line steaomers call at Halifax one day later. -Dominion Dominion Lane-Cambronian (From St. John, N. B.) Beaver Line—Lake Champlain . Feb. 8 Heaver Line—Lake Megantic ... Feb. 15 Beaver Line £Lake Superior ... Feb. 22 Beaver Line steamers call at Halifax one day later. (From New York.) White Star Line-Teutonic ... Feb. 6 White Star Line-Cymric ..... Feb. 12 Star Line Germanic Feb. 13 White Star Line-Majestic .... Feb. 27 Cunard Line-Lucania ...... Ounard Line—Umbria ..... Cunard Line—Servia ..... Feb. 16 American Line-New York Feb. 6 American Line St. Louis ... American Line—New York . Red Star Line—Westernland Feb. 27

Anchor Line Astoria Anchor Line Furnessia Passages arranged to and from all European points. For rates tickets and full information apply to C. P. R. depot agent, or

Red Star Line-Noorwand ...

Allan State Line Sardinian

Feb. 13

A. B. MACKENZIR. City Ticket Agt., Rossian ', B. C W. P. P. Cummings Gen. S. S. Agent Wigal

THURSDAY ...

7814 TONS S

of laterest.

and Evening Sta at the Le Roi to

The practical con shipping process l from the Le Roi stood in all its piece of news for of mining was last tracted, including opment. This wi \$3.25 per ton, or a cost of \$2.05. As on the old cost up will be gathered figures a far bette to be paid. Also i to get a reasonabl It is apparent the

expenses have now well go with the c the smelter charge. cumstances the promatte, contains 50 On the impurities, a heavy freight rejourney to the east. could be cut out by smelter in the Koot ton Falls, which in the question as a great reduction tirection. This wo ties such as the immense quantitie would immediately shipping manes of In conjunction wi by the managemen ally reduced it is that the abnormal on the Centre Star will also be reduc

\$5.30. These abnorm

had to be accomp

development work i that shoot an exper-sunk and levels driv to explore the limit available for shippin pense was further i ment through a bar shoot, such a zone as of any size. The li zone has been locate zone has been locate for a depth of a con beyond has been foun up. Therefore there time a large reserve ervatively stated, wit thing above the 450-fo short of 100,000 tons. ble of putting out 30 for a year it will be s year to keep up the mark in the year to co evel below the first. that level (developme cost of stoping 1 get the total minir however, the level ne to be in a barren prother level will have point yet lower to g point. Thus the cost of be doubled and if a re by the man covery of the barren for, although confide would again fill with lewer down, he wo

down to that point

eral, the condition of Turning to the Wi sone, such as described was also located here and the sixth levels. and parallel veins dis on the first to third ed out to a great ext up that the bottom mine. As a matter of level both ore bodies addition athird ore b between the two. Th yet another ore body found on the seventh vein. Outside of the yet another pay shoot ore bodies found on the more than doubled in been shipping from t the eighth level and it fair average value, e the mine. Contiguous is the Poorman with which is supplying he supplying he supplying to a supplying the runs in value up to a shipping averages of I payshoot is only par the Poorman and a grainstent upon the Watthe present has been the present has been is probable with dep ence of the neighborin Mask and Nickel Plat that as depth is gaine solid ore shoot will b An attempt made share transactions of ary properties with the mines is distinctly ing no treasury stock to sum set aside for dev poration the value of affect the property, the certainly the case. shown last week are tion and only need promptly yield good

The Ou The output for the was upwards of 7.814 roord for the camp, b record, that of the wee 330 tons. The increase the Le Roi are chiefly Not a ton was shippe no. 2 nor any from t Western. The Iron M der its usual rate and far below the market,