

## FIRST GIANT DRILL

It Is Doing Great Work In the Iron Colt's New Tunnel.

## BREAKS FIVE FEET A DAY

Each Round of Shots Knocks Down Nearly 40 Tons of Rock-Tunnel Has 300 Feet to Run—Some Details of the Work.

There is some great tunnel work being done just now on the Iron Colt. The Miner announced several days ago that the Iron Colt people had made a contract with the Alberta company for the use of their tunnel. This tunnel is 350 feet long, not 300 as first stated, and starting at the end of this with a depth of 160 feet the Iron Colt tunnel will run 300 feet to connect with the shaft and pierce the ledge at a depth of 350 feet. Mr. Heacock, who ran the Alberta tunnel, has been engaged by the Iron Colt company to take charge of this work. He began the tunnel last Friday morning at 7 o'clock and yesterday afternoon he had run 20 feet, the tunnel being seven feet high and eight feet wide.

The work is being done with a Rand giant drill—the largest drill ever brought into camp—and some details as to the operation of this fine machine will be interesting. Its cylinder is 3½ inches in size, and with 90 pounds of compressed air it makes 300 strokes per minute, carrying 18 inches in five minutes, a wonderful performance in the hard rock of this camp.

Mr. Heacock mounts his drill at 7 o'clock in the morning and he gets ten holes in by 11 o'clock, or about that time. He stops an hour for dinner, so that he is drilling just 6 hours and a half. Each hole is 5 to 5½ feet deep, and as there are ten of them it measures over 50 feet in the line of the tunnel.

The holes are placed in the middle row and three in the bottom row. The four middle holes are loaded and fired first. The two center holes are run in straight with the walls of the tunnel but the two middle holes are run in with a slant to the center. Four sticks of powder are put in each hole. When these four holes are fired a core about three feet deep comes out. These holes are then reloaded and loaded up in the upper and lower tiers of holes. Short fuses are attached to the middle holes, longer fuses to the top holes and still longer ones to the lower holes. When the shot takes place the remaining two feet of the center core is taken out and the top and bottom break easily, thus clearing out the entire five feet.

The firing is completed by half past 4, and by 6 the muckers can go in. It takes all night to clean up the muck, filling 25 to 30 17 A cars, and amounting to 35 to 40 tons. By 6 o'clock in the morning the tunnel is ready for the machine men.

This is the way Mr. Heacock is driving a double track tunnel at the rate of five feet every 24 hours. These are facts that can be verified by investigation. The amount of powder consumed is 75 pounds for every round of holes, and the entire cost is about \$12 per foot. Mr. Heacock estimates that the saving by the use of the big drill is \$15 a day. It is certainly a great drill for straight tunneling, and will probably be used very extensively in this camp for work of this character.

## WANT TO SWEET LE ROI ORE.

Tacoma and Everett Parties Trying to Get the Contract.

SPOKANE, Wash., May 11.—[Special.]—W. R. Rust, manager of the Tacoma smelter, and W. O. Butter, manager of the Puget Sound Reduction works at Everett, are in the city today for the purpose of securing a contract for the smelting of Le Roi ore.

The Le Roi company entered into a contract with the Heinze smelter at Trail for the delivery of 37,500 tons of ore for smelting. Heinze was also given an option on an additional 37,500 tons at the same contract price. The first contract is shortly to expire by the delivery of the 37,500 tons. The Tacoma and Everett smelters are believed to have combined for the purpose of securing the contract for the additional 37,500 tons. President W. W. D. Turner is of the opinion that Mr. Heinze will take advantage of his option and close the contract for the smelting of the other 37,500 tons. The Le Roi company is now engaged in preparing plans and specifications for its own smelter, to be built at some point yet to be decided upon.

## MANLY ELECTED MAYOR.

Grand Forks Gave Him Two Votes to One for His Opponent.

GRAND FORKS, May 8.—[Special.]—John Manly was elected mayor of Grand Forks today by a majority of 22. The total vote was 68 and Manly received 45 out of the whole number. The majority was even larger than Mr. Manly's friends expected.

The Manly house has been thrown open this evening, and fully 200 people are attending the reception. There is a general illumination over the result. Mr. Manly goes to Rossland Monday.

## THE BADSHOT MINE.

This Well Known Lardeau Property Changes Hands for \$150,000. Mr. James Dixon, of Vancouver, has bought the well known Badshot mine near Fernston for the large sum of \$150,000, from Messrs. Campbell and Johnson, who are reaping the reward of the steady development work which they have done on the claim right along. The Badshot is one of the finest properties on the Lardeau—Revelstoke Herald.

The Coming Camp on Cariboo Creek. Mr. W. R. Hull, ty owner of the Burton townsite, went down river Monday to visit that place. The engineers are busy surveying the ground out into town lots. There are now about 800 claims staked out on Cariboo creek and its tributaries, Snow creek and Placer creek. There are on the list. John Hector of Nakusp has bought out L. Sherrin's interest in the hotel, and will run it as a first class house. G. W. Jordan has opened up a general store. Consider-

able development will go on, on the creek this summer, and several companies are preparing to begin work. It looks as if Burton City was going to be all right—Revelstoke Herald.

## STRIKES ON TOAD MOUNTAIN.

Nelson Miner:—While two prospectors were passing over the Caradon claim on Toad mountain last Thursday, they stumbled over a boulder of solid galena weighing over 500 pounds. They rolled it into Give Out creek, where they intended to break it up at their leisure, but a few hours later the flood carried it down the stream.

Another strike has been made on the Primrose on Toad mountain, and every foot of development work shows the mine up to better advantage.

A strike has been made on the Julius Caesar on the same mountain, three miles from Nelson. In crosscutting the ledge, ore bearing free gold was encountered, which assays \$11.57 per ton. The ledge has been cut five to six feet, and the men are not through it yet. It adjoins the Mascot and is owned by Dr. E. C. Arthur and others.

P. Perkins and C. M. Townsend while doing assessment work on the Mascot this week encountered a two-foot ledge of solid ore. No assays have been made but they think it will assay very high in gold. The ore is partly free milling and that which is not admits of concentration.

The Silver King mine has never looked better than it does today. The ore being taken out is very fine and there is a vast amount of it in sight.

## THE OLGA MINE.

Twenty Inches of Galena of Fair Grade Opened Up by the Tunnel.

The Olga is a claim about which little has been heard, but has a showing which deserves recognition. The claim is situated on the lower end of Sophie mountain, right on the boundary line and close to Big Sheep creek. It is unlike anything else in the camp since it carries a very heavy lead percentage.

George Taylor, the Rossland architect, is the manager of the company owning the Olga. He had a force of men at work all winter, and they have just come in to get a new stock of supplies. The work done consists of a hundred feet. A crosscut tunnel was run in 50 feet and a 20 inch streak of galena found. A drift was run on this ore for 50 feet east.

While the ore body is not large it is of fair value, running about \$2 in gold, \$9 in silver and 54 per cent in lead. The ore is admirably adapted for smelting purposes and further development may open a larger body.

## VERDICT FOR \$17,640.

Outcome of a Big Damage Suit at St. Paul.

ST. PAUL, Minn., May 11.—The conclusion of a remarkable suit for damages was reached today and a verdict was given in favor of James M. Fonda against the Twin City Rapid Transit company for \$17,640.

Nearly two years ago Fonda lost both legs by being run down by a street car at the Seven Corners in this city. He brought suit for \$25,000, and when the case first came on for trial a few months ago the attorneys for the plaintiff, after their case was practically submitted, moved to dismiss the case without prejudice. This was done. The case came on for trial a few days ago, and this big verdict against the street railway company resulted today.

## LETTERS TO THE EDITOR.

The Mining Exchange.

ROSSLAND, May 11.

EDITOR MINER: Sir—Your remarks in the paper this morning anent the closing of the stock exchange have a tendency to make the public think that this feeling is general among the members. Such, we believe, is not the case. There is a large section of the members of the stock exchange who believe that an institution of the sort is not only useful to the public, but a benefit to the town of Rossland, but they think it should be conducted on broader principles than it is at present. A large room into which the public can be freely admitted during session of the members, so that they can see not only how business is conducted, but have a chance to pick up through their brokers any special bargains that are offered, and also to protect any stocks in which they are interested, would, we believe, very soon put life and strength into the institution and establish it on a firm basis, where it would be acknowledged to be a benefit to mine owners and a protection to the investing public.

Yours truly,

HARRIS, COUSINS & Co.

Heather Bell and Others.

LONDON, Ont., April 29.

EDITOR MINER:—Sir: I wish you would tell me all you know about the Heather Bell, silver Bell and Braco.

Yours faithfully,

HAMPDEN DAY.

[This issue contains a pretty full description of the Silver Bell by a MINER representative who visited the property today. We never heard of the Braco. The Heather Bell is on Sullivan creek, about three and one-half miles from the Columbia river. It belongs to the Heather Bell Gold Mining company. The development work consists of one shaft 50 feet deep, one tunnel 53½ feet long, another tunnel 141 feet long, which runs through the shaft and extends 80 feet beyond it. This is on the vein and shows ore all the way for 100 feet. When last inspected it had three feet of clean ore in the face, the balance being mixed ore. How much wider than the workings the ledge is has never been determined by crosscuts. Assays have run all the way from 10 to \$97. The average value of the ore is not known to us.—Ed.]

## Sir Charles Was Misquoted.

EDITOR MINER:—Sir: In an interview published in tonight's Star your reporter makes me say that the Crow's Nest Pass railway will not be much good to anybody. He evidently misunderstood my meaning, or I must have expressed myself badly. On the contrary, the road is urgently needed for the development of the country and cannot be too quickly built. It is essentially necessary in the opinion of all mine owners, including myself.

I shall be much obliged if you will be good enough to correct.

Yours faithfully,

CHARLES ROSS.

## TURKS AWFUL WORK

Fourteen Villages in Epirus Burned and Inhabitants Massacred.

## GREECE HAS CAPITULATED

Powers Are Now Trying to Arrange an Armistice and Greek Troops Are Already Leaving Crete—Distress On the Northern Frontier.

LONDON, May 11.—The Athens correspondent of the Daily Chronicle says: M. Ralli, the premier, showed me today a dispatch and reports from Colonel Manos and various civil authorities in Epirus, showing that fourteen villages have been burned by the Turks after all the women and children had been massacred except a few who were hidden in the fastnesses of Mount Sealongos. Not a stone standing. The men fought like lions in defence of the women, who sought refuge in the woods and caves of Mount Sealongos.

## GREECE THROWS UP THE SPONGE.

Powers Offer to Mediate and Greece Accepts Their Terms.

ATHENS, May 11.—The note of the powers was presented at 4:30 a. m. today to M. Skouloudis, who waited up until that hour. The following is a text of the document: "The representatives of France, Italy, Great Britain, Germany and Austria charge M. Onon, the representative of Russia and the doyen of the diplomatic corps, to declare in the name of their respective governments that the powers are ready to obtain an armistice and smooth the difficulties actually existing between Greece and Turkey on condition that the Hellenic government declares it will proceed to recall its troops from Crete, adhere formally to autonomy for Crete and accept unreservedly the councils which the powers give in the interests of peace."

The reply of the Greek government was as follows: "The royal government in taking the note and declaration of Russia's representative, acting in the name of the ministers of the powers, declares it will proceed to recall the royal troops from Crete, adhere formally to autonomy for Crete and confides the interests of Greece to the heads of the powers."

## GREEKS FEEL RELIEVED.

Glad to Know the Calamitous War Is at an End.

ATHENS, May 11.—M. Skouloudis consulted all day long yesterday with the premier, M. Ralli, and the king. All the officials of the foreign office were up all night, in anticipation of the action of the German minister, who early this morning sent his secretary to inform the Greek foreign office that he had received instructions to join in the representations of the powers and to offer mediation.

As soon as the reply of Greece to the note of the powers, was handed to the representatives of the powers, the latter telegraphed the Greek decision to Constantinople, with the request that they obtain an armistice with a view of arranging a permanent peace. There is a sense of relief in Athens today at the prospect of an immediate end to the calamitous war. There is no excitement and no popular demonstration is anticipated.

## CONSTANTINE TO HIS TROOPS.

Ringed Address Urging Them to Deeds of Valour—No Grab in Sight.

ATHENS, May 11.—Crown Prince Constantine yesterday issued the following address to the troops at Domokos: "Soldiers, the Greek army retired to Domokos because our positions at Phalaros were not strong enough against an enemy greatly superior in numbers, but the positions you occupy here are so strong that our army may be considered invincible. I am confident you will not only repulse with success every attack of the enemy, but you will shortly be able to take the offensive and compel him to abandon Greek territory."

"Remember you defend the sacred soil of the fatherland, and the honor of the king and nation. The enemy must not be allowed to make a further step into Greece. I know you have suffered and are still suffering by privations after having been obliged to fight so many days, but we must endure these privations patiently, confident that we are doing our duty to our fatherland."

The Greek commissariat has collapsed. The only rations now received by the soldiers are bread and cheese. Not even coffee is procurable.

## THE LE ROI SMELTER.

Resolutions Adopted by the Rossland Liberal Association.

There was a largely attended meeting of the Rossland Liberal association at the office of J. B. Johnson & Co., last evening, to hear the report of the special committee appointed last Friday to look into the matter of the Le Roi's proposed smelter. The report was unanimously adopted and it was resolved that a copy of the report be sent with the endorsement of the association to each member of the Dominion cabinet and that copies be sent to the construction of a smelter be leave to report as follows:

1. We find the chief materials which enter into the construction and operation of a smelting or matting plant to be the machinery itself, which is by far the largest and most expensive item in its construction and operation, and the timber dressed and undressed, shingles, lime, cement and brick.

2. We find by the recent tariff promulgated by the liberal government that the machinery which would be used in the construction and operation of a smelting, matting and refining plant of the kind which the Le Roi Mining company proposes to erect for the reduction of its ores to be wholly free of duty. The clause in the tariff being as follows:

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"Machinery of a class exclusively used and required for mining, smelting or refining purposes, and also all materials for the construction of such machinery, to be free for that purpose, to the whole to be subject to regulations to be made by the controller of customs."

3. That there is a duty on shingles of 20 per cent; on dressed lumber of 25 per cent; on lime of 20 per cent; on cement 12½ per cent per 100 lbs., and on brick of 20 per cent.

4. We find that ample supplies of lumber and shingles can be had within reasonable distance of the proposed smelter site.

5. We also find that there are ample quantities of lime rock and brick clay within a very short distance of the proposed smelter site which can be made into lime and brick.

We submit under the above findings of our committee that the Le Roi Mining company ought to build its smelter near Rossland in British Columbia without asking any further concession from the government of Canada.

We further beg leave to report that in the opinion of your committee the time is approaching when the government of Canada ought to intimate that in view of the free admission of mining, smelting and refining machinery into Canada and the opening market in Great Britain for our matte and bullion it will be the policy to place an export duty on ore to countries other than Great Britain at the next session of the Dominion parliament. Respectfully submitted,

A. N. PATTERSON, Chairman.

## GRAND FORKS NOT FLOODED.

Reporters to That Effect Are Malicious Fabrications—The Aldermen Elect.

GRAND FORKS, May 10.—[Special.]—The McCallum leaders are unable to explain the large majority against them in the late municipal election, but say that now the majority contest is settled they are in favor of joining hands with their late opponents and working jointly for the upbuilding of the city. Mr. McCallum has little to say about his defeat except that he is glad, since he had to lose, to have been beaten by a man so well qualified for the position as Mr. Manly.

The six aldermen elected are in harmony with the mayor, and the first municipal administration of Grand Forks will undoubtedly be a start in the right direction. The council consists of W. K. C. Manly, P. J. Davis, D. K. Johnson, W. G. Hepburn, Lloyd A. Manly and Edward Duford.

Mayor Manly, in defining to your correspondent his policy, said: "As I ex-

pressed myself at the citizens' meeting Friday night, my only platform is the upbuilding of Grand Forks. Whatever I can see to do that will in any way tend to advance the interests of this city I will consider it my duty and privilege to do. I want to see an electric light and water plant put in this summer and owned by the city. Then there is a sewerage system and street grading that must be made as attractive in itself as it is in its surroundings, and everything done to satisfy home seekers and investors. I have unlimited faith in the future of Grand Forks and believe that we will have here a permanent and prosperous city."

Reports have reached here that "knockers" in Rossland and elsewhere have been circulating a rumor that Grand Forks has been flooded and considerable damage done to dwelling and business houses by the water. This statement is absolutely without foundation. The highest water mark of the river remained within its banks except in a few places outside of the city limits, where the river bank is exceptionally low. The city was not flooded in the least. Not a business house or dwelling within the city was touched by the water and the citizens laugh at the suggestion of a flood, but are indignant at the parties, well known here, who are responsible for the rumor. These parties go on the theory that by injuring this city they can build up a certain towns on the river bank. The animus of their statements is too apparent to anyone who is acquainted with the situation here to give their stories any credence, but on the outside it is but fair that the general public should be correctly informed. The oldest inhabitant has never seen a flood here and the Indians even have no legends of such an occurrence.

## KILLED BY A FALLING TREE.

Accident on the Nelson Trail Which Cost Robert McCoy His Life.

NELSON, B. C., May 10.—[Special.]—Delayed in Transmission.—Robert McCoy was instantly killed this afternoon by a falling tree, eight miles below Nelson. John McKee, his son and McCoy were clearing the old government trail between Eagle and Forty nine Mile creeks, and had only been working a short time when the fatality occurred. John McKee narrowly escaped a similar fate.

McCoy came to this city some three months ago from Nanaimo, where he had been working in the coal mines. He had about 25 years of age. His brother, Charles McCoy, is working in the contractor at Ainsworth, and has been

notified. Coroner Arthur was immediately informed of the occurrence when McKee came to town, and the body will be brought here for an inquest.

## Cornet Band's Ball.

The Rossland Silver Cornet band's hall in the Dominion hall last night was a success both socially and financially. About 50 couple were present, and all seemed to enjoy themselves thoroughly and pronounced it the most enjoyable of the season. The music was the best that has been heard in Rossland for some time.



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