

# MINING IN EAST COEUR D'ALENES PRESENTS WONDERFUL POSSIBILITIES

Engineer Gives Graphic Account of the Properties of the District East of the Divide and Says That Capital, Rightly Expended, Would Make It Richest District on Globe.

(By John T. Leland, M. E., in the Wallace Press-Times.)

Those who are interested in the great mining industry in Montana and Idaho and in the magnificent results that have accrued from it are soon to be treated to a revelation in the form of some of the best ore bodies ever exposed in the west. Even the panic and forest fires did not check work on all these properties and there is now a great amount of exploration work being done and more is being planned for the early spring. It is very doubtful if the citizens of Wallace and Missoula at all realize the merit or possibilities of the East Coeur d'Alene district, the splendid showing of ore, the work done, or what these mines mean in the near future for this great section, and for Wallace and Missoula in particular.

**Opportunities Right at Home.**  
The writer has visited the camps and conferred with many of the best men there and has seen nearly all of the great mining camps of America grow from a trail to a railroad, and there is not one mining section among them all that gives better promise than the East Coeur d'Alene mining district does for the amount of work done, and this impression is confirmed by some of the best engineers in and out of the state. All this is not located away in a desert, beyond the reach of wood, water or transportation, but within easy reach, and in the midst of all the comforts and even luxuries of life.

**A brief statement relative to a few of the best developed claims, ore bodies and conditions should give ample proof to every reasonable inquiry and investor.**

**Extent of Territory.**  
The splendid indications also demonstrate the truth of a new general belief that the veins in the Montana slope are a direct extension of the wonderful Coeur d'Alene lead-silver and copper belt. The East Coeur d'Alene mining district embraces an area of about 20 miles square and is situated in the western part of Montana and extends into eastern Idaho about three miles. There are two great trunk lines of railroad running centrally through this district, the Northern Pacific and Chicago, Milwaukee & St. Paul.

**The Town of Saltese.**  
Beautifully situated in the center of the district and on the above named railroads is the town of Saltese, with Packer creek from the north and Silver creek from the south, forming their junction with the St. Regis river within the town limits, thus affording both wagon road and railroad facilities to all the leading mining properties within the district. The town of Saltese has a population at present of about 500 inhabitants, which will probably be more than doubled during the year 1912. This town has all the hustling qualities of a typical western camp and in the center and principal shipping point for the district. The East Coeur d'Alene mining district has in the past year just come to the notice of capitalists and mining men of prominence and is now attractive as much or more attention than the Coeur d'Alene district proper, where so many dividend-paying mines have been developed.

**Mineral Showing Equal to Any.**  
There is not a better mineralized district than this any place in the world. The entire district is covered by two great mineral belts or zones in each of which are many ledges, all having a general course of northwest and southeast, all showing fissure-like throughout the district.  
These ledge belts are without doubt the same as upon which so many successful mining operations have been conducted in the Coeur d'Alenes. There are hundreds of mining claims in all directions from Saltese, within the district, many of which will be put on a paying basis the coming year and many prospects are to be seen in varied stages of development.

**Hemlock Ledge.**  
Leaving Saltese and going up Packer creek in a northerly direction one comes to ledges in the following order: The Hemlock ledge is about one and a half miles from town and upon it are located several groups of claims which are being developed.  
The Hemlock Mining company's ledge has an average width of 40 feet and has a capping of iron carbonates, carrying values in silver and a high per cent of lead. This property has recently been taken over by eastern capitalists. A double shift of miners are being steadily employed drifting on the ledge and ore. It is stated that \$50,000 has been subscribed for the development and equipment of the property.

**Meadow Mountain.**  
The next ledge lying to the north and distant from the Hemlock about one mile is the famous Last Chance on which are located many valuable groups. Starting on the ground of the most easterly located on this ledge is the Meadow Mountain group, which recently cut a shoot of fine shipping ore at a depth of 60 feet, carrying 60 per cent lead and 40 ounces in silver. A lower tunnel is now being driven to secure more depth on the ore body. When explored and opened up it is thought regular shipments can be made.

**The Tarbox.**  
Adjoining the Meadow Mountain on the west and on the same vein is the property of the Tarbox Mining company. This has one of the most phenomenal surface showings in the whole Coeur d'Alene district. The vein outcrops for more than 2,000 feet and is from 10 to 40 feet in width. The capping consists of iron carbonates and oxides liberally impregnated with galena, lead carbonates and chlorides. The Tarbox is the best developed of any mine on this great continuous

dyke, and is the best proof of the strength of the ore bodies in this immediate locality in depth, and as it lies between the Last Chance and Meadow Mountain mines, in addition to its splendid showing of ore it has the great advantage of the development of the last named property on each end, east and west. Twenty-five hundred feet of work has been done on the Tarbox in the shape of a good shaft, drifts and crosscuts. The main double compartment shaft has been sunk to a depth of 400 feet and from a drift 200 feet east of this shaft, a winze was sunk 200 feet, which secured the vein at a vertical depth of 600 feet. The vein is explored and opened up on six levels, large bodies of good silver lead ore on each of these levels have been uncovered. A fair per cent of the ore in the lowest workings could now be shipped. Upwards of \$100,000 has been expended in the development of this property.

The company suffered the loss of its plant and all surface improvements in the great forest fires of August, 1910, which was a heavy blow financially and has seriously retarded development of the property. A force of men is now employed in the construction of mine buildings preparatory to the installation of a new and up-to-date plant. The main shaft will be sunk 300 feet deeper during the present year. A small well will be built to concentrate the lower grade ores and every effort will be made to place the property on a substantial and dividend paying basis as rapidly as possible.

**The Last Chance.**  
Lying to the west and on the same vein is the famous Last Chance mine, which is the banner shipper of high-grade ore of the camp. The Last Chance has shipped a number of cars with the following results. One car gave returns of 245 ounces in silver, 13 1/2 per cent copper and \$12 in gold per ton net. One car netted \$5,200, another \$3,498. In all, over \$200,000 in high-grade ore has been shipped at a depth of not over 150 feet, and thousands of dollars worth of ore is now in sight. The mine is now under new and efficient management. Preparations are being made to operate the property extensively during the coming year and regular shipments will be resumed.

**The U. S.**  
Adjoining the Last Chance on the west is the U. S. mine, which is also a shipper of high grade ore. Approximately \$90,000 worth of ore has been shipped which was similar in character and carried values corresponding with Last Chance shipments. It is thought this property will be operated in connection with the Last Chance mine, as the ore shoots lie in close proximity and might be the continuation of the same rich ore body.

**The Ben Hur.**  
Lying to the south and east of the Last Chance is the property of the Ben Hur Mining company, which has considerable work done in the shape of cross tunnels, and drifts, but no great depth has yet been attained. A

body of good milling ore has been exposed in the lower tunnel. It is said to be the intention of the management to install machinery and sink on the ore shoot from the tunnel level which ought to develop a splendid ore body with a few hundred feet more of depth. The surface showing is as fine as any in the district and wherever the vein has been exposed on the surface, values are to be seen in galena, chlorides, bromides of silver and lead carbonates.

**Coeur d'Alene American.**  
Lying to the west and adjoining the U. S. Mine is the Coeur d'Alene American company's property upon which a tunnel is being run to open the ore body at a depth of 100 feet. The vein is strong and well mineralized. High grade ore has been exposed in the upper workings.

**The Bryan.**  
Adjoining this property on the west is the Bryan mine which is owned and

operated by the Day brothers, of the Hercules and who are, according to reliable information, going to resume active operations at the property at an early date. The Bryan also suffered the loss of all its equipment and surface improvements in the forest fires. A force of men has been employed in constructing mine buildings preparatory to the resumption of early activities.

The Bryan, at a depth of 120 feet was considered a shipper by well informed mining men. A large body of high-grade galena carrying silver and grey copper was exposed on this level. A 1,500-foot lower crosscut tunnel was driven, which encountered the vein at a depth of 250 feet below the surface. Several hundred feet of drifting and crosscutting has been done on the vein and a large body of good milling ore, together with some high grade shipping ore, has been opened up. It is said to be the intention of the management to employ a force of miners in drifting on the vein and further exploring the ore bodies during the winter and early spring and to erect a concentrator for the reduction of the lower grade ore as soon as conditions warrant.

**Syndicate Mining Company.**  
Lying to the west and adjoining the Bryan mine is the property of the Syndicate Mining company, which is said to have one of the best showings for the work done of any property on this remarkable vein. A shoot of ore was exposed in an upper tunnel near the surface, carrying 140 ounces in silver and a high per cent of copper and lead. This property has recently been taken over by Montana mining men on a bond and lease.  
A force of men is now being employed driving a lower crosscut tunnel to further develop the ore bodies at depth.

**Silver Cable.**  
Lying still further west and near the very summit of the Bitton Root range is the property of the Silver Cable Mining company. This property is largely owned by Missoula capitalists. A strike of phenomenal high grade shipping ore was recently made. The ore shoot was encountered in the upper tunnel at a depth of 250 feet below the surface. The vein was followed for 110 feet and then crosscut, showing it to be seven feet in width on the thickness and about 12 feet on the dip. The ore shows much grey copper, crystallized lead and galena and bids fair to equal portions of the famous Hercules mine, in abundance of wire silver.  
An average sample of this ore taken from the drift gave returns of 260 ounces in silver, carrying a high per cent in copper and lead. The shoot dips rather flatly, but cuts the beds. The ore occurrences are in the replete formation, which is considered extremely favorable for the development of prominent ore bodies in this district. The company is driving a long lower tunnel which is now in the last 2,500 feet and will have to be extended approximately 500 feet further to reach the ore shoot, which will give a total vertical depth of 800 feet below the surface. It is the opinion of all well-informed mining men who have examined the property that a splendid body of high-grade shipping ore will be exposed in the lower tunnel when the ore shoot is intersected and opened up. A double shift of miners is being steadily employed and it is thought the ore body will be reached about May 1. The management has recently authorized the installation of a five-drill compressor, which will soon be in operation. A brilliant future for this property is now assured.

**Adjoining the Silver Cable on the**

## Romantic Drama at the Harnois Tonight



Scene from first Act of — GRAUSTARK —

Tonight the Harnois theater will present the pronounced success, "Graustark." This tale of "A Love Behind a Throne," dramatized by Grace Hayward and adapted by George Barr McCutcheon, as it appears in play form, is delightfully fascinating and makes "Graustark" a charming country with equally interesting people. Ruled by princesses of unusual personality, queenly, yet a woman, naive, indifferent to Lorry, yet warm, then cold as he grows too enthusiastic; in fact, everything that puzzles him and nothing half so much as that such a person should be labeled "Guggenlocker." He, therefore, finds a friend eager for adventure, and they set out to find her. Just how successful he is, and how happy his friend becomes is also finding a mate in this castle of romance, is nicely unfolded by Mr. Baker.

Hardly anyone has made an ideal American half so attractive as has Mr. McCutcheon. The dramatized version, the present offering covers many adventures, quickly and effectively, as the play depicts. A few liberties have been taken with some of the characters of the novel, they having been eliminated to give strength to those in the play. Essentially, "Graustark," is the most ambitious offering of a romantic nature now on tour. Especially telling is the first act, showing the Hotel Regenot at Edelweiss, Graustark, in which the electrical effects are unusually well arranged, while the throne room and bed chamber of the princess are in keeping with the costume and general atmosphere of the play.

"The Talk of New York" Coming. With a star cast and supported by a

large chorus of singers and dancers, "The Talk of New York," George M. Cohan's latest musical sensation and heralded as a merry mischievous musical melange, comes to the Harnois theater next Monday, January 22.

The cast includes a number of clever people well known both in the east and west, and the chorus is said to be one of the best singing aggregations ever brought this far from the metropolis. The play is said to be a remedy for that tired feeling, and as a musical comedy the happy marriage of mirth and music. It is primarily a comedy with well seasoned music at every turn.

Besides the principals and chorus the other speaking parts are taken by capable artists, and a Broadway scenic production with new costumes makes it one of the best musical organizations that has ever been offered in the west.

**Other Good Properties.**  
Lying east of the Meadow Mountain mine, on the same continuous dyke or ore-zone are the Black Traveler, Saltese Consolidated Copper Mining company, Fox Copper Mining company, DeBorgia Copper company, True Filsore Mining company, Rough Rider Mining company, all of which have considerable development work done and good bodies of ore exposed.

**Close in to Saltese.**  
Lying on the south edge of the town of Saltese is a ledge known as the Boston Colby ledge upon which are located several groups of copper claims, all of which are looking good. Starting on the ground of the most easterly located on this ledge is the Hugo Copper Mining company, which is driving a lower tunnel with power drills and is now in 1,000 feet. The tunnel will have to be extended 500 feet further to encounter the vein. A good body of high-grade copper has been exposed in the upper workings.

**The Boston Colby.**  
Lying west and adjoining are the New York and Brooklyn copper properties, which have also a good showing of ore from the surface and are being developed. Commencing at the town of Saltese about 300 feet south of the Northern Pacific railroad track is situated the Boston Colby, on what is known as the Boston Colby ledge and from which the ores can be trammed on board the cars for treatment at the smelters. This is one of the best copper prospects in the district and upon which there has already been expended in development and exploration over \$25,000, with good results, making of excellent showing of ore. The ore is composed of copper per carbonates and oxide, chalcocyanides and sulphides. The vein is 35 feet in width and filled from wall to wall with a good grade of copper ore. Judge Flagg, president and manager of the company, is now in the east in the interest of financing the same there. It is said to be the intention of the management to install heavy hoisting machinery and pumps and sink a double compartment shaft 400 feet deep on the ore bodies below the tunnel level.

**The Butte-Coeur d'Alene.**  
Adjoining the Boston Colby on the west is the Butte-Coeur d'Alene Copper Mining company, which is also a good showing of copper ore in the upper workings. It resembles the Boston Colby ore. The company is now engaged in running a lower tunnel to open the ore bodies at a depth of 1,000 feet. The stock of the company is held largely by Missoula people. The mine is also very favorably located, the portal of the lower tunnel being only 300 feet from the Northern Pacific railroad.

**The Monitor.**  
Going south up Silver creek and distant about five miles from the town of Saltese is the Monitor mine which has a record of shipping \$300,000 worth of copper ore. A shaft has been sunk to a depth of 700 feet and the vein has been developed and opened on seven levels with bodies of copper ore exposed in each of these levels. The Monitor company was hard hit by the forest fires of August, 1910; the mine was the best equipped of any in the

## Bowels Are Basis of Child Health

The careful mother, who watches closely the physical peculiarities of her children, will soon discover that the most important thing in connection with a child's constant good health is to keep the bowels regularly open. Sluggish bowels will be followed by loss of appetite, restlessness during sleep, irritability and a dozen and one similar evidences of physical disorder.

At the first sign of such disorder give the child a teaspoonful of Dr. Caldwell's Syrup Pepsin at night on retiring and repeat the dose the following night if necessary—more than that will scarcely be needed. You will find that the child will recover its accustomed good spirits at once and will eat and sleep normally.

This remedy is a vast improvement over salts, cathartics, laxative waters and similar things, which are alto-

gether too powerful for a child. The homes of Mrs. E. S. Griffin, Sandy, Utah, and Mrs. Clara McIntosh, Maponville, Colo., are always supplied with Dr. Caldwell's Syrup Pepsin, and with them, as with thousands of others, there is no substitute for this grand laxative. It is really more than a laxative, for it contains superior tonic properties which help to tone and strengthen the stomach, liver and bowels so that after a brief use of it all laxatives can be dispensed with and nature will do its own work.

Anyone wishing to make a trial of this remedy before buying it in the regular way of a druggist at fifty cents or one dollar a large bottle (family size) can have a sample bottle sent to the home free of charge by simply addressing Dr. W. B. Caldwell, 405 Washington street, Monticello, Ill. Your name and address on a postal card will do.

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are shown and general improvement with depth. Capital is only required to make the East Coeur d'Alene section one of the richest and best mining camps on the face of the globe.

**Foley Kidney Pills**  
Always give satisfaction because they always do the work. J. T. Sheehan, Bremen, Ga., says: "I have used Foley Kidney Pills with great satisfaction and found more relief from their use than from any other kidney medicine, and I've tried almost all kinds. I can cheerfully recommend them to all sufferers for kidney and bladder trouble." Smith Drug Store.

## A Debutante Frock



Almost silhouette-like in effect is this narrow, straight little frock which could be worn only by the slenderest of young figures. The material is a very fine quality with insertions of rather heavy serge lace, and this tunic is draped over a petticoat of the pale lavender finished at

the foot with a quilling of the material—a very smart trimming note just now. Beneath the crew lace on the lavender skirt are flat bows of deeper violet and the draped skirt is made of the same velvet. The cap fits the head closely and is made of silver and lace and violet velvet.