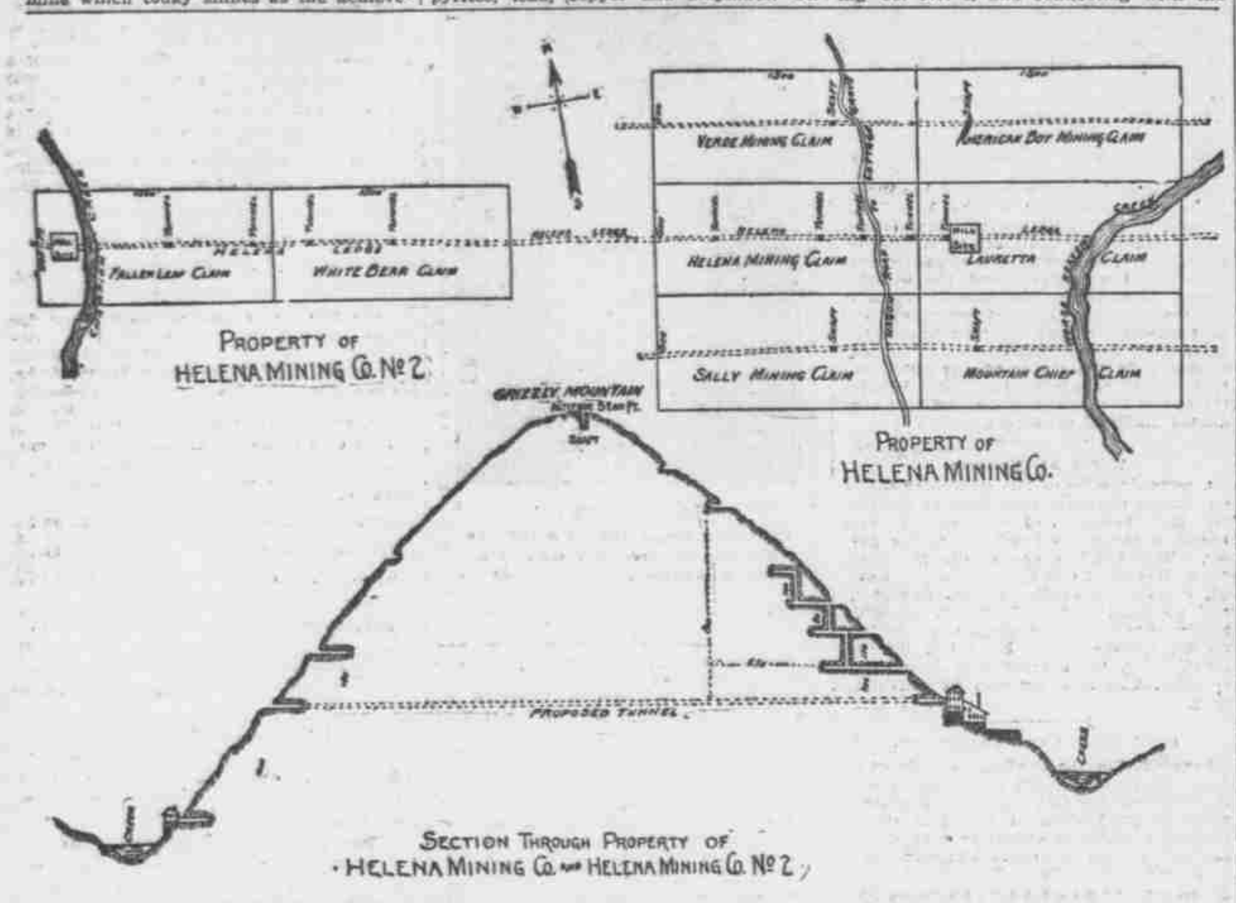
RICHES IN THE BOHEMIA

EXCELLENT RESULTS SECURED IN SEVERAL MINES.

Helena No. 1 a Big Dividend Payer—The Helena Mining Company's Fine Showing.

The group of claims comprising the property owned by the Helena Mining Company, is located on the east slope of Grizzley Mountain and extends down to what is known as "Horse Heaven" Creek. The property was located on June 26, 1896, by Mr. Charles B. Bruneau, a man of vast experience and wide reputation as a prospector and miner, but like the great majority of hardy mountaineers who unceasingly search after the hidden fortunes which Nature so reluctantly gives up, had but very limited means with which to actively develop the property, which he believed from the start would some day become a great mine.

It, therefore, remained for the Jennings brothers, P. J., R. J. and J. J., men who had grown up in the mining business and who are known the entire length of the Pacific Coast, from Alaska to Mexico, as the most successful of mine operators and skilled managers, to take up the work already begun by Mr. Bruneau, and by their general knowledge and financial aid develop the prospect into the wonderful mine which today shines as the achievement of these men's energy and perseverance.



From the outset, active and honest development was the policy of the owners, and as depth was attained a marked increase was manifested in both the width and value of the ore encountered, until at a depth of 100 feet ore of such richness was uncovered that free gold could, without difficulty, be seen by the naked eye. Still more extensive exploration was followed along the 3000 feet of the Helena ledge, until at the present time the property has 1000 feet of tunnels besides numerous upraises aggregating about 300 feet in which a large force of men are working night and day. Already, the mine has over $500,000 worth of ore blocked out ready for extraction, besides having produced nearly $100,000 from the ore taken out in developing the tunnels and upraises.

Of the more recent work done, mention might be made of that in what is known as tunnel No. 2, where a 7-foot ledge of base ore has been opened up, two feet of which averages $300 per ton, after deducting all transportation and treatment charges, the balance of the ledge running better than $30 per ton.

Until within the last year the property had been worked without the aid of a mill with which to treat the ore, but it was apparent that this necessity would have to be immediately supplied. Excavating was begun late in the Fall of 1899, but the mill (which is one of the best free-gold mills manufactured, known as the latest improved 10-stamp Hammond Self-Supporting Iron Frame, made by the Hammond Mfg. Co., of this city,) was not completed until April 1, 1900, when the stamps first began dropping and the capacity of the mill has been pushed to its utmost since that time.

At present the mine is producing about $20,000 per month, $5000 of which is disbursed in the monthly dividend, the balance being used jointly in extending development and in building up a treasury reserve. When the company begins treating the rich ore it is the intention to increase the dividends.

Besides the 10-stamp mill already mentioned the company has erected timber houses, ore houses, blacksmith shop, assay office, superintendent's office, the best hotel in the camp, capable of accommodating 75 men with ample provisions and fuel for the next eight months, together with all necessary appurtenances for carrying on work throughout the entire year.

The officers of the company are: P. J. Jennings, president; Charles B. Breneau, vice-president; R. J. Jennings, secretary and treasurer; J. J. Jennings, superintendent, and David Goodsell, attorney.

The company's main office is No. 112 Sherlock Building, Portland, Oregon.

Helena No. 2.

The property owned by the Helena Mining Company No. 2 consists of a group of claims located on the opposite, or west side, of Grizzley Mountain from the Helena, and is a direct extension of this latter property.

Only a sufficient amount of work to determine the value and character of the ore in the No. 2 company's property had been done to within the past few months, when the management began the same active development of this property which they had so successfully carried out on the Helena, and with equally as good, if not better, results than those obtained on Helena at the same stage of development.

This group is opened up by numerous open cuts together with three tunnels of 100 feet, 125 feet and 150 feet respectively, the last 30 feet of the latter showing seven feet of ore, carrying values of between $50 and $60 per ton.

It is the policy of the company to develop its property as rapidly as possible by driving these three and other tunnels, and it is the belief of the management that by early Summer the company will be justified in erecting a mill with which to treat the ore. This in addition to the substantial buildings already erected.

The personnel of the directors in this company is the same as that of the Helena.

THE MUSICK MINE.

Has Been Operated for Years and Paid Handsome Dividends.

Near the central part of the Bohemia mining district, at the head of City Creek, lying between Bohemia and Fairview Peaks, the highest mountains in the district, is located the Musick mine, "the old stand-by," as the site has been dubbed by the old prospectors and miners of the district, from the fact that the mine has been in continuous operation for years, while the owners were without means to develop the mine on a large scale. Necessity required that it be run on a very conservative basis, development work and improvements being done only as the gold was taken from the mine, and it is one of the few mines that has paid from the grass roots. The mine was discovered and located in 1891 by James A. Musick for himself and A. E. Davis, of Los Angeles, Cal. In 1892 J. W. Cook, E. A. Forrester and S. M. Perry, of Los Angeles, Cal., and O. E. Brady, became interested in the property and a five-stamp mill was erected in that year. A 10-stamp mill was purchased from Frasher Chalmers, Chicago, and erected in 1898-99. The mine has produced about $760,000 in gold since 1892.

The development of the mine consists of six levels, being run on the Musick ledge, as per the general section of the Musick mine, of about 4000 feet, tunnels and drifts.

The course of the ledge at different points varies from north about 40 degrees to 80 west, and lies almost perpendicular. Is somewhat irregular in width, ranging from 1 foot to 16 feet between walls, and has numerous branches. The ledges are made up of three parallel veins, as was best shown upon level No. 3, where the ledge was 12 feet between walls. Oxydization extends to a depth of about 100 to 150 feet, although there is small percentage of sulphides above that depth. Below the depth of 150 feet the ore changes and becomes richer in pyrites, lead, copper and sulphides. On level No. 6 the ore is rich in galena, and in the west part of the drift is principally galena with quartz and sulphides, and contains no free gold to speak of. Some portions of the vein is principally quartz and others pyrites. At one point sphalerite is abundant, and constitutes the greater portion of the ledge. The ores carrying the most lead go as high as 40 to 50 per cent. This is desirable, as a smelter will undoubtedly be located in the camp ere long. Recent developments in level No. 6 show a ledge six feet wide, running high in lead, two feet of it, and carrying pyrites, copper and sulphides, values running to $160 per ton. The group consists of Defiance, California, White Guests, Mystery, Alpharetta, Los Angeles and Ajax, in Douglas County, and the Butter, June, Idaho, Hazel, Yukon and Halifax, in Lane County. In prospecting with cuts, tunnels and shafts, the California ledge has been traced for over 3000 feet, showing free gold in many places, and with every evidence, when opened up, of making as good a producer as the famous Musick ledge. So confident of the future are the owners that they have about completed arrangements for the development of the mine on a more extensive basis than has ever been done in the past.

A drift on level with ore bin in Mill has been started, and it is the intention of the company to push this drift on the ledge to great depth, as from numerous shafts sunk on the ledge on the surface every indication is that large bodies of free-milling ore will be opened up.

THE MAYFLOWER.

Another Promising Property, Located About One Mile From the Famous Helena Mine.

The Mayflower Mining Company is the owner of nine quartz claims located on Horse Heaven Creek, about one mile southeast of the famous Helena. The Yreka is the best developed of the different claims owned by this company, having one tunnel of 165 feet directly on the vein, the end of the drift being about 80 feet from the surface. This drift shows a vein eight feet wide with an average assay of $40 per ton of gold and copper with a small per cent of silver and lead. The Nightingale and Ely-Pearson, two other veins, are fairly well developed, showing good ore. The company owns nine claims and six different veins, all adjoining each other with side lines. The company is not in debt one dollar and has expended almost $5000 on the property. W. P. Ely, of Kelso, is the manager, and some of the best citizens of Cowlitz County are associated with him, and the Spring will witness the erection of a plant on the property. The location is a most desirable one, as there is plenty of wood and water.

The Champion Group.

The Champion group of 16 claims, adjoining the property of the Helena Mining Co. No. 2, and connecting with the property of the Musick Mining Co., is another valuable piece of property recently acquired by the Jennings brothers, they having secured from the owners a bond on same.

At present the property is equipped with a ten-stamp mill, tramways, ore houses, assay office, blacksmith shop, boarding-house, with sleeping apartments in connection, together with other improvements incidental to the successful operation of a property of like magnitude.

The mine being under the same able management as Helena and Helena No. 2, it is an assured fact that the same skill and energy which has characterized their operations in the past will be extended to the utmost capacity in making the Champion one of the large mines of the district.

Already large bodies of ore are in sight and immediate steps are to be taken in operating the mill and extensively developing the property.

Clay Group.

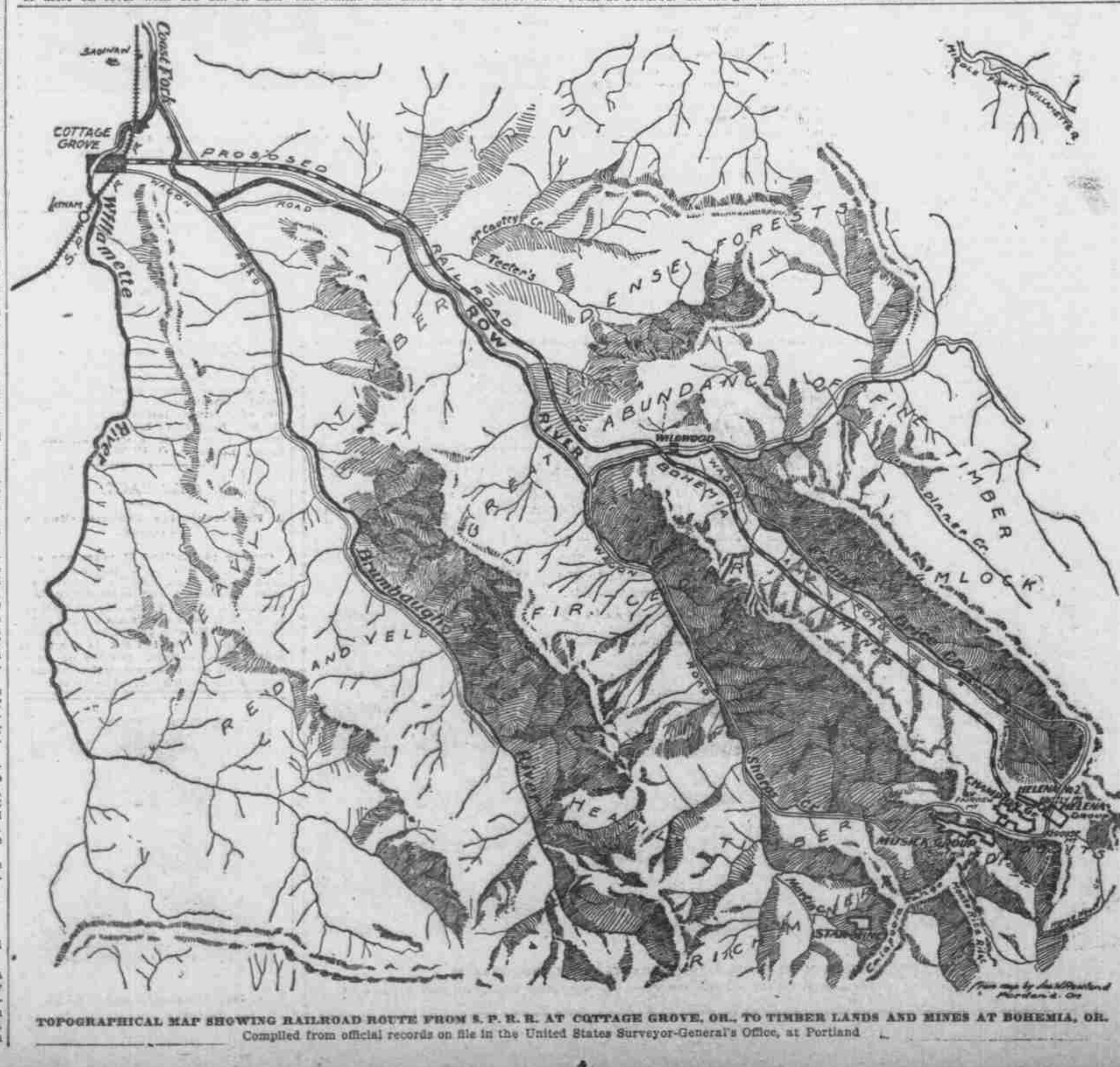
Situated in the Monte Rica Range, Bohemia district, about two miles from the Musick mine, this group of six claims is making a most excellent showing as development work proceeds. The six claims are named as follows: Idlewild, J. L., Henry Clay, Spotted Fawn, Edna and Pearl. The property is owned by M. C. Matthieu, A. Y. Gilbert, C. A. Whale and Charles Clay. The last-named gentleman is acting superintendent. All of these men possess ample capital to develop the property, and as they are progressive, public-spirited citizens, no stone will be left unturned to make the Clay group a most valuable property. Three tunnels have been started on the ledge. No. 1 is in 225 feet, with crosscuts showing a width of the main body of ore of 32 feet, with values shown in every part of the tunnel. Tunnel No. 2 is 150 feet below No. 1, and is in 325 feet. A crosscut at the face of this tunnel shows the ore body to run 38 feet on one side, and 20 feet on the opposite side, a width of 58 feet. Tunnel No. 3 has just been started, and is 700 feet below tunnel No. 2. It will be continued until 1000 feet is completed. By continuing this tunnel a distance of 2000 feet a depth of 1500 feet can be secured. In the gulch at the base of the mountain the ore body is found to be 18 feet in width.

Numerous assays have been made from time to time, showing values of a wide range, but the average is close to $13. It is one of the most promising properties in the district, and in such capable hands well-informed mining men predict that in the near future the Clay group will handsomely repay the fortunate owners.

The Laura Group.

The Laura group of claims, owned by the Leroy brothers, and supposed to be a direct western connection of Helena No. 2, is one of the most promising pieces of property in the entire camp and gives every promise of becoming a bonanza for the present owners.

The ledge is traceable for 1¼ miles and shows an exceptionally strong and well-defined vein wherever opened.



TOPOGRAPHICAL MAP SHOWING RAILROAD ROUTE FROM S. P. R. R. AT COTTAGE GROVE, OR., TO TIMBER LANDS AND MINES AT BOHEMIA, OR.
Compiled from official records on file in the United States Surveyor-General's Office, at Portland