

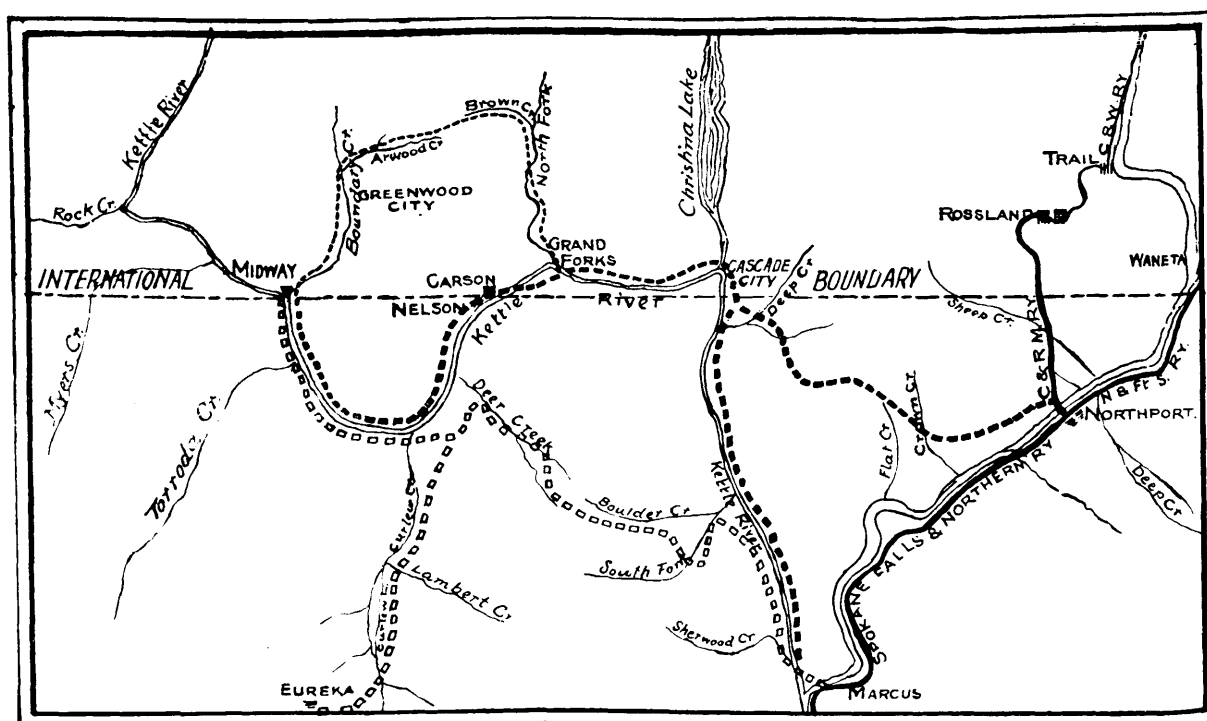
said to go \$93.00, over \$400, and one over \$1,500, were obtained on the surface. The next and principal work consisted of a tunnel 114 feet long, which cut the lead at a depth of 80 feet, where it proved to be 52 feet wide. Samples taken from all across the lead on both sides of the tunnel, were said to run \$12 or \$13, and 28 feet of the lead assayed \$26. There is a pay streak six feet wide in the lead, and on this drifts have been run to the south about 24 feet, and to the north 14 feet. At the entrance of the north drift a winze was sunk 42 feet, and at the end of the south drift one of 16 or 18 feet. The ore body, which is a very high pyrrhotite and carries hardly any copper, was as large at the end of the drifts and in the bottom of the winzes as on the surface, and is said to assay away up in the hundreds. It seems beyond a doubt that this will be a very great mine, and a veritable bonanza for the fortunate possessors. Adjoining claims, owned by the same outfit, are the Gold Bug and Dashwood.

Adjoining this property above it and said to be on the same lead, is the Ohio, on which some fifteen feet of tunnel have been run. Assays are said to run from \$5 to \$96, and average samples in the tunnel to have given from \$13 to \$28, and a 3-foot paystreak to have given \$52.

Messrs. McKinnon & DeBeck own a group of claims also,

process. I hope to be able to give you a full description of this property shortly. Nearby are two claims, the Ohampion and Commonwealth, bonded by Messrs. D. McCallum, P. Smith, M. Nash and W. Whalen, to Messrs. Adams & Sword, for \$25,000. Work was commenced on the line between the two claims on January 1st, and a tunnel has been driven in which tapped the lead at a depth of 100 feet, on Feb. 14th. On the surface the lead is forty feet wide. In the tunnel it is full of mineral. In a quartz gangue are some iron and copper sulphides, and a black powdery mineral, said to be gold sulphide. Assays of \$100 and \$130 were obtained on the surface. These claims are 4,000 feet up and about three miles from Fanny Bay. A pack trail has been graded part of the way, and eleven men are at work on the claim. The ore from these claims may eventually come out down to Loughborough Inlet, which is an easier grade than to Fanny Bay.

In Loughborough Inlet, on the east side, two claims, the Vancouver and Victoria, have been bonded by the Bell-Irving Company, from Messrs. W. Ellis and Albert Jackson. Work was commenced on January 1st, and a drift of fifty feet was run in on the lead. Then at the mouth of the tunnel a shaft was sunk, which was down about twenty feet at the beginning of March, in which is a 2½-foot pay streak, on which assays



MAP SHOWING THE PROPOSED ROUTE OF THE KETTLE RIVER VALLEY RAILWAY.

adjoining the Frederick Arm Mining Company's claims to the south and east, which are also said to have the same lead on them.

The mountain between the entrances to Frederick and Phillip's Arm, on which the above properties are situated, will soon become famous. On the chart this is called Treble Mountain.

On the Phillip's Arm slope a lead known as the Mainland lead has been traced over some seven or eight claims; and on the most southerly of these, the "Don," a tunnel 68 feet long has been run, at the end of 20 feet of open cut. At 42 feet in the tunnel a 5-foot lead of quartz, with copper and iron pyrites was encountered; and at 54 feet another lead of the same character, but looking rather better, was encountered, and was cut for fourteen feet, when work was stopped owing to hard weather, but the further wall was not reached. Both the leads dip under the mountain. The owners are said to be highly satisfied with the results so far attained on their property.

On the mountain above Fanny Bay, on the west side of Phillip's Arm, the Dorothy Moreton has had some hundreds of feet of tunnel work done on it, and with such satisfactory results that the owners are now on the point of erecting an electrical plant for the treatment of the ore by the

process. The whole lead is twelve feet wide.

The claims are situated half a mile from the beach, about four or five hundred feet above salt water, and at the foot of the mountain behind the Gray Ranch.

On the opposite side of Loughborough Inlet, in Haydon Bay, three claims were purchased by the Haydon Bay Mining Company from Messrs. T. Macquire, W. Whelan, J. Cortello, W. Ellis, and G. Morris. They are called the Nellie Gray, Lizzie Gray and Grizzly Gray. On the Nellie Gray a tunnel 80 feet long was run, and at the end of it a shaft was sunk 50 feet. This property has now been turned over to an English Company through Lapont Heatly, the London agent of the Hastings Mill Company, for \$50,000, with a cash payment of \$10,000. A stamp mill test, made by the well known assayer of the B.C. Agency, W. O'Sullivan, gave \$20 13-100 across the 4-foot pay streak in the bottom of the shaft. In the tunnel the same pay streak gave values from \$2 50 to \$14. The width of the lead is 23 feet, and in this there is 19 feet from the foot wall to the pay streak, which is on the hanging wall. In this 19 feet there is a sprinkling of galena, and small streaks, about one-eighth inch wide of cinnabar. The pay streak is a fine bluish quartz, heavily mineralized with very fine iron pyrites.

WALTER HARVEY.