

# REPORT

ON

## D. L. S. GROUP OF CLAIMS

BY FRED M. WELLS

### THE SURF INLET GOLD MINES, LIMITED

Vancouver, B. C., October 1st, 1911.

To The President and Directors of the Surf Inlet Gold Mines, Limited,  
Vancouver, B. C.

Dear Sirs:

Since my last report of November, 1910, the following development work has been done:

The main tunnel on the East vein has been extended from 300 feet to 375 feet, following the vein for that distance. In this work we have proven a most remarkable ore body both in size and gold values, in a few feet ahead the ore widened out and became wider than our drift. We continued the tunnel on the footwall throughout this work with full size of tunnel in the ore and have not broken to the hanging wall in this distance. A careful sampling of 50 feet of this drift gave an average value of \$40.00 gold per ton. The lowest assay being \$12.00 and the highest \$96.00. (See pages 20 and 21 for copy of assays.)

Although the vein has not yet been crosscut and the values along the hanging wall known it is safe to figure on the vein being at least 10 feet wide.

This ore body which is here 250 feet from the surface insures beyond doubt the future of the mine, and bears out my first good opinion of the property.

On the West vein the tunnel was advanced a few feet on the vein, showing the ore to continue in that direction and at about 30 feet from the entrance of the tunnel a crosscut was run to the hanging wall, the object being to prove if possible the good ore to be continuous along the hanging wall. In this we were successful, cutting a fine body of rose quartz and iron containing good values and strengthening materially the possibilities of that ore body.

Regarding further developments—if the present course of our two main veins continue they will come together in from 150 to 200 feet ahead. I would suggest that the present tunnel be extended on to the junction of the two veins, and that a crosscut at the same time be made from near present face of tunnel to the West vein. This crosscut may prove a separate ore body lying between, which I believe quite possible to exist.

After reaching the ore in the West vein an upraise should be made connecting with the upper tunnel, which is 200 feet above, and ventilate the mine in this way. Another upraise should be made on the East vein, connecting the main tunnel with the shaft above.

With the completion of work outlined I believe there will be sufficient ore developed in the mine to justify installing a plant of greater capacity than suggested in my first report, the construction of which can be safely proceeded with at once.

FRED M. WELLS.