

The ore on these veins is *perfectly free milling*, being composed of a clear blue quartz, carrying a very moderate percentage of iron pyrites and magnetic iron. So that at least 85 per cent. of the gold contents should be saved on the plates by amalgamation and ten per cent. in the concentrates by frue-vanners.

By using this system of treatment, viz., stamp mill and frue-vanners, the cost of milling should not exceed \$4 per ton. Mining and other expenses after the shafts and line are opened should not exceed \$2.50 per ton, so that with ore of \$20 per ton, which is a very low estimate, there will be a *profit of \$13.50 per ton* of ore treated. [Mr. Halstead's estimate is a total of \$2.50, which would make the profits \$17.50 per ton, instead of \$13.50.]

**Promise of** In conclusion, I beg to state that in three years' experience in this district,  
**Lasting** and over thirty years in mining, I have very seldom had the pleasure of  
**Success.** examining a property that shows such *promise of a lasting success* as this does.

The advantages for working are exceptionally good, being near both the railway and the town of Rat Portage, from whence supplies can be had at low prices. There is a good government road from the town to the mine, that for an outlay of about \$200 can be repaired so that a team can take good loads all the year through, while machinery can be taken to the Location by water during the summer months with only one short portage of about three hundred yards.

Samples of the vein sent by express to-day, showing nature and quality of the rock that I took myself.

Yours faithfully,

Z. J. S. WILLIAMS, M.E."