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PIONEER GOLD MINES OF B.C. LIMITED

Zeballos, B.C. Oct., 24th., 1938.

Lucky Strike Group.

This property was under development for one month by the above Company in September and October 1938. It was then found impossible to carry on work owing to climatic conditions and the Pioneer withdrew. The work that the Company did accomplish served however to convince us that the showing altho too small in size for our purposes holds very distinct possibilities for a small scale operation and we have no hesitation in recommending it as a property warranting the attention of an aggressive syndicate, properly financed and directed.

The property consists of the four Lucky Strike claims, situated at the head of Lime Creek on the divide to the Kaouk River. Elevation is about 4,000 ft. The property lies on the N.E. contact of the Zeballos granodiorite with the Quatsino limestones. It is accessible by a foot-trail up Lime Creek from the Jack of Spades camp. Assessment work until 1940 has been recorded on the group. Andy Morod of Zeballos is agent for the owners.

The two showings discovered to-date and upon which some prospecting has been done consist of the Vancouver Girl Shear and the Free Gold vein. The Vancouver Girl showing is a remarkably strong shear striking N. 30 E. and dipping 80 to the S.E. It averages about ten inches in width and is traceable for a considerable distance on the surface. It consists of much sheared diorite, locally silicified and mineralized with pyrites, chalcopyrites and in at least one place, free gold. Where sampled by the writer, the shear ran 0.24, 0.16 and 0.28 ozs. in gold per ton across eight inches. No work has been done

on this showing and judging by surface appearances it certainly warrants further attention.

The Free Gold vein has been stripped at intervals for 1,000 ft. It varies in width from $1\frac{1}{2}$ " to 6" over the length exposed. Mineralization is pyrites and fine free gold in a quartz gangue. The quartz varies from a massive type to the typical high-grade crystalline variety of the area. Other sulphides may be present but owing to the considerably oxidized state of the vein, could not be identified. The vein strikes N. 43 E. and dips about vertical. In places it follows the wall of a narrow basic dike and the vein walls are free. Locally along the vein walls some gouge occurs. Sampling of the oxidized parts exposed shows interesting values ranging from 0.08 ozs. to 3.32 ozs. gold per ton. An assay sketch accompanies these notes. This showing assuredly warrants further work to include;

1. Prospecting for further outcrops along the N.E. projection of the vein.
2. Open cutting the vein at closer intervals to check values and ascertain type of mineralization.
3. Some drifting to study the vein at depth. Amount of drifting to be determined by results as the work proceeded.

October 24th., 1938.

"Franc Joubin"

Engineer-in-charge, Pioneer Mines, Zeballos.