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Report on Ketzá River Claims

Introduction

Prospectors Airways have under option agreements three groups of claims in the Ketzá River area, namely the Dak, Iron and Rat Groups. The latter two groups are held under the Jonathon option.

Interest in the area was stimulated by a silver lead discovery made in the 1954 season by Eric Erickson which was subsequently optioned by Conwest Exploration.

Dak Group

The Dak group consisting of 16 claims is situated near the head waters of Cache Creek at an elevation of about 5500 feet.

The rocks exposed are calcareous marine sediments that are gently dipping to the west, with some local folding, of a minor nature. The sediments range from fossiliferous, fragmental limestones to limey phyllites.

Near the west boundary of claims 8 and 10 is a zone in limestone composed of siderite with much manganese and some disseminated pyrite and pyrrhotite. This zone is 20 feet wide and is exposed intermittently for 500 feet. On claim 13 two small lenses of chalcopyrite were found in the grey limestone. These were local pods 4 inches wide and 18 inches long. In the creek on claim 11, float consisting of pyrite, pyrrhotite, and minor galena was noted.

Two drill holes were put into the mineralized zone on claim 8, and samples will be brought in for assay. On visual examination only pyrite and pyrrhotite were present in the core. Another hole was put down in the phyllite on claim 9 for assessment purposes.

Recommendations: It is recommended that the claims be dropped as with excellent rock exposures, nothing of economic potential was seen on the ground.

Rat Group

This group consists of 8 claims. Claims 7 and 8 are moss and forest covered. The remaining claims have excellent exposures of limey phyllites bearing some quartz and carbonate vein material. No mineralization was noted in float or in cplace on this ground.

Iron Group

This group consists of 6 claims at an elevation of about 6500 feet. Claims 1 to 4 inclusive are entirely quartzite, the whole area being a plateau of rock rubble. Claims 5 and 6 are located on a partially grass covered plateau underlain by fossiliferous limestone and phyllite.

No mineralization was found in float or in place on this ground.

Recommendations: It is recommended that the Jonathon Option be dropped.

Ketza River General

This area has undergone extensive prospecting during the 1955 season. To date two types of deposits have attracted attention. One is the galena bearing fissure vein type that contains variable amounts of silver and in some places is reported to contain tetrahedrite. This type of deposit is the one that is found in the mountains immediately west of the Ketza River and is locally called the Silver Ridge. Several showings were found in this region, namely the Conwest Main, the Key, and three on the Galena Group. The other type of deposit is comprised of lenses of arsenopyrite in carbonate rocks. These are reported at times to carry good gold values and are found mainly west of the "silver ridge". Such a showing is found on Conwest ground (Peel Claims) at the head of Cache Creek.

Conclusions

The area is well mineralized and worthy of further prospecting. It is felt that no deposits of economic importance have as yet been discovered.

Signature F.A.Campbell

Whitehorse, 13th Sept./55

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