

## ONLY CLAIMS

Mt. Nansen Area

NTS: 115 I/3

YUKON TERRITORY

The ONLY 1-30 claims are located five km southwest of the Mt. Nansen Mine which is 65 km from Carmacks, Y.T. by road. Carmacks is 175 km north of Whitehorse.

The ONLY was staked in 1985 to cover the LONELY Cu porphyry showing which comprises a poorly exposed altered and sheared body of rhyolite feldspar and quartz, feldspar porphyry with quartz stringers, pyrrhotite, pyrite and minor malachite.

In 1986 a soil and VLF survey was conducted over the LONELY showing in order to define an anomalous zone or major structure. Geological mapping was carried out at a scale of 1:5,000. Rock chips were examined from the soil holes in order to aid in mapping.

The LONELY is underlain by the rhyolite porphyry body which includes some flow rocks. It is bounded on the north by andesite to dacite plagioclase porphyry, on the east by rhyodacite to andesite porphyritic tuffs and on the south by rhyolitic pyroclastic rocks, all of which belong to the Cretaceous Mt. Nansen Group volcanics. A related hornblende granodiorite intrusion underlies the extreme western and southern part of the ONLY property.

The rhyolite is commonly clay and carbonate altered and locally sericitized and silicified. Quartz stringers and veinlets from 1mm to 2cm wide are abundant and carry values up to 1650 ppb Au and 14.8 ppm Ag with associated anomalous As and Sb. An average of 15 samples from the LONELY showing was 423 ppb Au. The samples included a large proportion of host rock although the Au and Ag appear to be directly derived from the quartz.

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The VLF survey outlined two major structures. One trends northerly along the west side of the ridge but does not directly follow the ridge top. The second trends northwesterly along the western slope of the hill.

Au, As and Sb soil anomalies partly correspond to the ridge VLF anomaly and a weak Ag anomaly (up to 4.4 ppm) occurs along the northwest anomaly with some Au along part of it and peripheral As and Sb values. The highest soil values obtained were 150 ppb Au, 5.51 ppm Ag, 350 ppm As and 9.6 ppm Sb. Soil sampling was hampered by thick overburden and a thick ash layer.

The ONLY exhibits the following features: anomalous Au values from narrow quartz stringers (including host rock), the possible existence of two major structures and extremely poor exposure. It is possible that a quartz stockwork with significant Au values follows the structures, (narrow quartz veinlets in sheared rhyolite were found on surface). Since it would be relatively easy to mobilize a cat to the ONLY from the Mt. Nansen camp, 5 km away, trenching across the LONELY showing may be feasible to explore this possibility.