

MAY 23 1990

# MINNOVA

MEMORANDUM

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DATE: May 16, 1990  
A TO: A. J. Davidson  
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DE FROM: G. S. Wells  
SUJET SUBJECT: Review of Maggie Property Data

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This memo documents a review of the Maggie project data and suggests what further work should be done on the property. Detailed summary reports have been prepared by C. Burge (1988, 1989, 1990) so only the highlights are noted here.

## 1. Geophysics

Several IP anomalies are present on the Maggie property. All of the anomalies have been tested by diamond drilling and/or surface exposures. All of the chargeability highs can be explained by pyritic argillites. It is interesting to note that there is no anomaly associated with the Slumach vein.

## 2. Geochemistry

The only area of anomalous litho-geochemistry ( $\text{Na}_2\text{O}$  depletion, Cu, Zn enrichment) occurs in the vicinity of the Slumach vein. Isolated sample anomalies are scattered throughout the property.

Two areas of anomalous soil geochemistry (Cu, Pb, Zn) occur on the Maggie grid. One occurs downslope of the Slumach vein and the second zone is to the southeast and possibly down-ice from the War Eagle showing. Both the areas have been drill tested.

## 3. Drilling

The Slumach stratigraphy has been drill tested at 100 meter centers over a strike length of 800 meters and down dip to

300 m. Highly anomalous zinc values occur in the Slumach rhyolite but to date no economic mineralization has been intersected. Future drilling in the immediate Slumach area is not warranted at this time.

#### 4. Heavy Mineral Sampling

Anomalous values of Cu, Zn and Au have been obtained from heavy mineral samples taken from streams draining the Mt. Baldwin - Clarion Lake ridge but no anomalous samples are found in the samples from streams draining the Maggie ridge. Follow up work in the Clarion Lake area failed to identify the source of these anomalies.

#### Future Work

Drilling by Minnova and previous operators has failed to prove up any mineral inventory on the Maggie property but has explained most of the geophysical and geochemical anomalies that are present. Additional work is more of a "grassroots" type exploration. The Mt. Baldwin - Clarion Lake ridge should be evaluated for its economic potential using airborne geophysics and follow up geological and geochemical surveys.