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To: AJD

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Subject: Termination of the Griz Project - PN 248

### Introduction

The Griz property is located 35 km east of Barriere on the southeast shore of East Barriere Lake. It was acquired in 1990 to evaluate two mineralized showings - the Fennel zone and the BEX zone. Since acquisition, locating, geological, soil geochemical and geophysical (mag, IP, HLEN) surveys and 2 diamond drill holes (287.4m) have been done.

### Fennel Zone.

The Fennel zone mineralization is exposed in a shallow trench located near the Upper John Creek road (Figure 1).

A 2.5 meter wide zone of disseminated and semi-mosaic sulphides (po-py-cp) is hosted in biotitic amphibolite gneisses.

Grab samples of semi-massive pyrrhotite-chalcopyrite

have yielded values as high as 3.5% Cu and 1.13g/17 Au.

The ground surveys have traced the mineralized zone over a strike length of at least 800 meters. It is characterized by magnetic highs, weak soil anomalies (Pb, Zn, Cu, Ba) and moderate to strong IP responses (15-25+ msec chargeabilities).

Two diamond drill holes, GR-1 and GR-2, tested the mineralization 200 and 400 meters southeast of the showing respectively.

They intersected thin (< 5m), weakly mineralized (po-py-cp  $\approx$  3-5%) zones hosted in quartz-biotite schists. The sulphide mineralization <sup>which</sup> appears to have a shallow dip (15-20°) to the southwest, is sufficient to explain the IP response but subeconomic. The drilling also indicated that the magnetic highs are due to a mafic amphibolite unit which contains 3-5% disseminated magnetite.

## 2. BEX Zone.

The BEX zone is a porphyry-type target that occurs in the northern part of the property on the edge

of the Baldy Batholith. Drilling by previous operators intersected wide zones of weakly mineralized (0.1-0.2% Cu) granitic rock. A reconnaissance-type soil survey was done to evaluate the extent and tenor of this mineralization. Anomalous copper values occur over a 700m by 300 m northwest trending zone but values greater than 400 ppm only occur locally. <sup>In addition,</sup> no anomalous gold values are associated with this copper zone. The rocks underlying this Cu soil anomaly are unaltered granitic gneisses of the Baldy batholith.

### Conclusions and Recommendations.

Diamond drill testing of the Fennel Zone intersected thin sulphide zones which consist primarily of pyrochlore, pyrite and traces of chalcocite. The BEX porphyry-type target has anomalous copper soil values but the host rocks are unaltered which suggests that there is no near-surface

porphyry-type hydrothermal system. It is recommended that the Griz option be terminated as no zones of economic mineralization have been defined on the property. This should be done prior to the next option payment which is due on August 1, 1991.