

January 23, 1992

MONS PORPHYRY COPPER-GOLD PROSPECT

- Location - 123° 05' West, 51° 42' North, 92-0-14E-11E.
- Claims - 252 mineral claim units.
- Access - By road to the cross roads settlement of Big Creek on the northeast corner of the claim block.
- Topography - Gently rolling, wooded 60%, with open meadows along Big Creek Valley 15%, and 25% clear-cut logging.
- Accommodation - Cabins at Fletcher Lake.
- Previous Work - No known prior staking.
- Airborne magnetic survey by Ponderay Exploration Company Ltd. for oil and gas, 1969.
- Stream sediment sampling by Barrier Reef Resources Ltd. and the Federal Government in 1977 and 1978.
- Fracture pattern mapping using Shuttle Radar Imagery 1989.
- Claim staking and Ground Magnetic reconnaissance survey (45 km) Eighty-Eight Resources, November 1991.

GEOLOGICAL TARGET

The Mons claim group lies on the eastern edge of a prominent ring fracture system about 50 km in diameter which has been mapped using radar imagery recorded from an U.S. space shuttle in 1989. A strong ENE trending linear crosses the ring fracture at the Mons property. The ring is interpreted as a subsidence feature related to an early Tertiary Volcanic Caldera. A group of felsic, early Tertiary stocks, some accompanied by porphyry copper gold mineralization, occur on the western edge and within of the ring fracture (i.e. Fish Lake and Scum Lake). The eastern edge of the circular feature in the general vicinity of the Mons property is covered by extensive overburden; however, a prominent magnetic

feature observed at the fracture junction creates an attractive target. A semi-circular magnetic low, which is interpreted as a hydrothermal alteration zone, surrounds a discrete circular high which may be an intrusive stock. The magnetic anomaly is about 4 km in diameter. Stream geochemistry in the area provides some general support for the porphyry model; there is an arsenic anomaly immediately to the north and a gold high to the south-west suggesting mineralization peripheral to the main porphyry system.

#### FURTHER EXPLORATION

Additional ground magnetic detail is required as well as reconnaissance soil sampling and a reconnaissance induced polarization survey. The estimated cost of this work is:

Grid Layout 90 km x \$100	\$ 9,000
Magnetic Survey 45 km x \$50	\$ 2,250
Soil Sampling 900 x \$20	\$18,000
I.P. Survey 45 km x \$1,000	<u>\$45,000</u>
Total	<u>\$74,250</u>

This should provide a well defined target for drilling.

