

Work Proposal

Exploration

827042



Property or Account BEDINGFIELD

No. W86-10

District or Office Western District Date Jan.1/86-Dec.31/86

Estimated Expenditure \$ 90,000

PROGRAM OBJECTIVE

The 1986 proposal includes a 500 km airborne electromagnetic and magnetic survey with the specific objective of defining drill targets on the Bedingfield volcanogenic base and precious metal property.

SUMMARY

The Bedingfield property comprises 15 claims (284 units) owned 100 percent by Cominco and is located 20 kilometres north of Tofino, B.C.

The property was acquired to cover a previously unknown 13 kilometer long belt of steeply dipping dacite-rhyolite pyroclastic and flow rocks belonging to the middle Paleozoic Sicker group a known host for volcanogenic massive sulfides elsewhere on Vancouver Island.

Mapping on 20,000 and 10,000 scale has been carried out on the property. Two small stockwork style polymetallic (Zn,Ag,Pb,Cu,Au) showings outcrop near extreme ends of the property and the metal ratios suggest a massive sulfide source: (57600 ppm Zn, 39.2 ppm Ag, 4120 ppm Pb, 269 ppm Cu, 100 ppb Au).

The presence of pyritic sericite schist in a proximal breccia environment invites favourable comparisons to the Buttle Lake, Twin J and Lara areas. Sphalerite fragments were found in rhyolite breccia near the sericite schist suggesting a third disrupted metal source.

Contour soil geochemistry along logging roads was attempted but the presence of 2-15 metres of dense pebbly till limited the usefulness of this survey. Results marginally encouraging with isolated highs in Au,Cu,Zn.

A large suite of rock samples was collected during mapping. Two hundred samples have been submitted for analysis including major oxides, base and precious metals. Results are forthcoming. Select samples are also being analysed for rare earth elements.

The 1986 program is designed to pursue the most attractive targets utilizing present geological and geochemical knowledge plus results from the helicopter Input and magnetic survey. It is anticipated that results of this program will outline a drill target for the 1987 season.

TENURE

Cominco has recently negotiated an option on Cypre 1 claim (20 units) owned by Muller (50%) Botel (16 2/3%) Veerman (16 2/3%) Janes (16 2/3%). A portion of the 15 Bedingfield claims have been included in the deal. Muller et al will receive cash payments approximating \$180,000 over 5 years. A 12,000 cash payment is due in January 1986.

BUDGET

Exploration & Development

1410-1412 - Salaries permanent (0.5 mm)	\$ 3,000
2030 - Geophysics: Airborne: 500 km @ 150/km	75,000

Option Payment 1986 -	12,000
GRAND TOTAL:	<u>\$ 90,000</u>

Proposer

A.C. Freeze

Sr. Geologist

Endorsed

M. J. Wolfe

Approved

Administration Accounting District

Appropriation No.

Previously Unallotted

This Proposal

Balance Unallotted