

# CORPORATION FALCONBRIDGE COPPER

1040/16W

MEMORANDUM

820247

DATE: October 31, 1986.

TO: File

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DE FROM: A. J. Davidson

SUBJECT: Reg Resources - Silverknife Claims NTS 1040/16W

File

## Location/Access

The claims are located about 15km south of Rancheria Y.T., adjacent to Canamax's Midway deposit. Access is by road.

## Property

The property consists of 36 units owned by Reg Resources of Vancouver. The president of Reg Resources is John Robertson. They are presently searching for exploration funds.

## Target

The target is "manto style" structurally controlled Pb-Zn-Ag mineralization similar to the Midway and Silver Creek deposits (6MT of 11.7 oz/ton Ag and 18% combined Pb-Zn).

## Geology

The area is underlain by early Paleozoic shallow dipping limestones, siltstones and sandstone. Mineralization appears to be localized at a limestone-cap rock contact especially where intersected by a fault.

## Work to Date

The property which is entirely overburden covered has been gridded, soil sampled, and a "Genie" survey has also been carried out. Thirty NQ holes were completed for a total of 2344.7 metres. Several mineralized zones were intersected.

## Mineralization

Significant mineralization was discovered in a zone trending southwest and dipping 65°NW. This zone (Discovery) may constitute a conjugate fracture system

to the Silver Creek fault. Best values in the Discovery Zone are 29 oz/ton Ag, 10.1% Pb, 7.02% Zn/4.3m near surface and 10.87 oz/ton Ag, 3.76% Pb, 4.88% Zn/2.1m at depth. Six of seven holes that intersected the zone were mineralized but the mineralization is quite erratic and is made up of veinlets, fracture fillings but can be massive over short distances.

### Conclusions

The property is well located adjacent to Canamax's Midway and Silvertip deposits, is underlain by similar stratigraphy, and is in the same structural setting. There is no outcrop on the property. Soil geochemical surveys have outlined several anomalies which may reflect either NW-SE or SW-NE trending structures. Drilling has intersected significant but erratic mineralization in the "Discovery Zone". Extensive drilling is needed to extend the Discovery Zone mineralization and to explore other zones.

### Recommendations

Although the property has significant merit, the location, setting and style and tenor of mineralization does not fit well with CFC's objectives at present. CFC should continue to explore for PM rich VMS deposits in southern B. C.

A. J. Davidson

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