

# CORPORATION FALCONBRIDGE COPPER

MEMORANDUM

DATE: July 15, 1983  
TO: D. H. Watkins  
COPIES TO: M. J. Knuckey, I. D. Pirie  
DE FROM: A. J. Davidson  
SUJET SUBJECT: MT. SICKER AREA - DIGHEM SURVEY

827403

A 660 km Dighem III survey is proposed to cover a belt of highly favourable and past productive (300,000 tons 3.31% Cu, 7.51% Zn, 2.75 oz/ton Ag, 0.13 oz/ton Au) volcanics near Duncan, B. C. (Fig. 1).

The Paleozoic age Sicker volcanics occupy the centre of the survey area and are fault bounded on the north by both Sicker and Cretaceous sediments and on the south by Cretaceous sediments.

This survey would cover recently staked CFC claims, (PN 208), the Postuk-Fulton Option (PN 204), and the Peppa (PN 205) and Lieberman Option (PN 207) and would be valid for assessment work on all of the above. Thus approximately 30% of the area to be flown is already controlled by CFC and another 60% would be obtainable by staking or by option local prospectors (Figure 2).

The survey is laid out to cover an area 18 km long X 5.5 km wide (99 sq km). The survey flight lines will be 150 m apart and 5.5 km long for a total of 660 line-km. Dighem is charging \$80/line-km for a total cost including mob-demob of \$54,900.00

The survey area has not been flown before by either Dighem or Questor and thus this survey has an excellent chance of detecting some brand new anomalies. As far as I can tell the only part of the proposed survey area ever flown before is the extreme northwest end which was flown by Aerodat for Umex in 1979.

In summary this 660 km survey covers

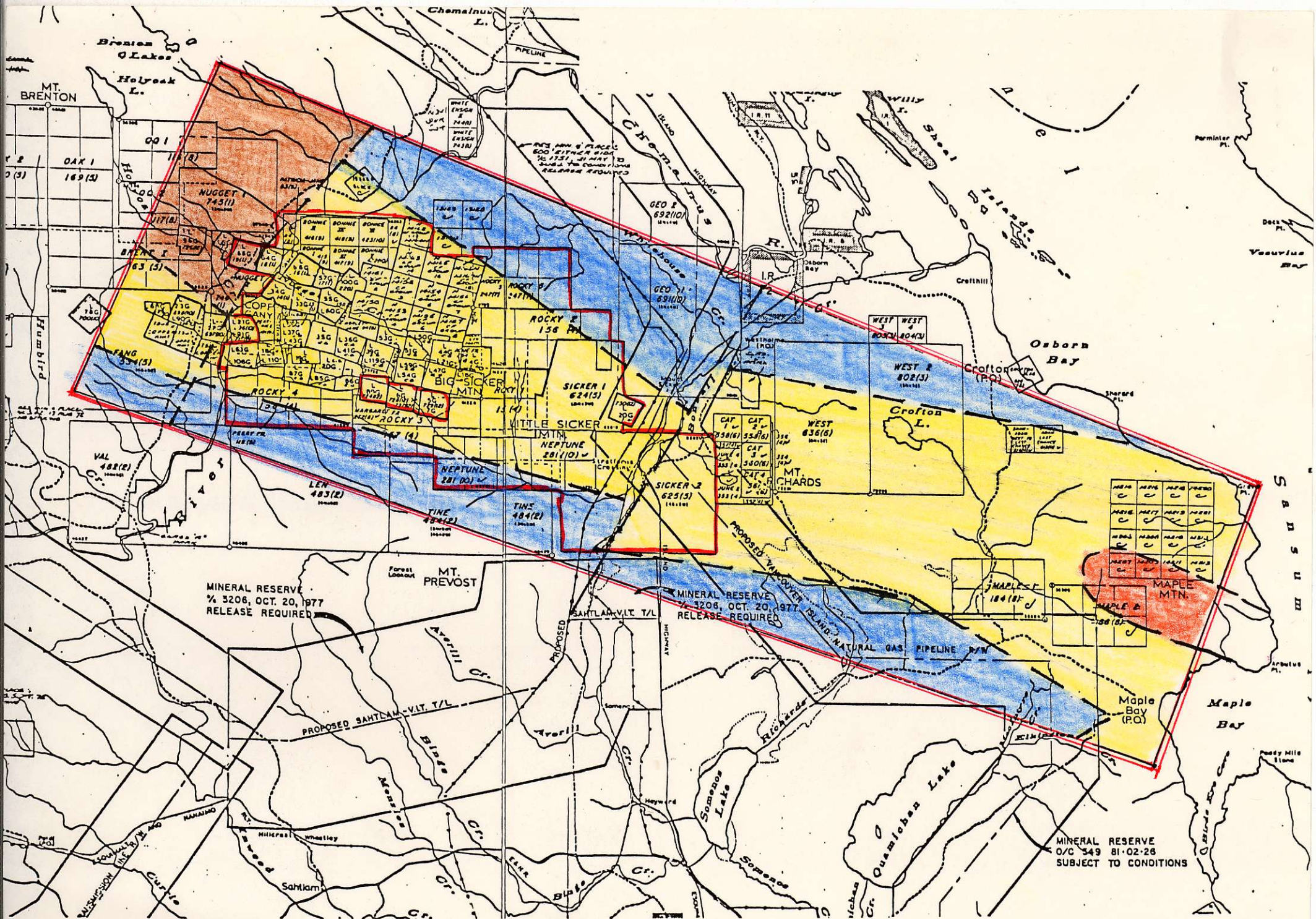
- a) an 18 km strike length of favourable and past productive Sicker volcanics,
- b) an area of which 30% is controlled by CFC and another 60% is open ground or optionable,
- c) an area that has never before been flown by either Dighem or Questor.

A handwritten signature in black ink that reads "Alex". The signature is written in a cursive, slightly slanted style.

A. J. Davidson

AJD/ik





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 Survey Area
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 Sicker Volcanics
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 Cretaceous Sediments
- 
 Outline of GFC Claims
- 
 Sicker Sediments
- 
 Paleozoic Granite



Ground held by CFC  
through staking or  
Option Agreements

Survey Area

Ground Heldby Local  
ProsDectors

Ground held by Other Companies

£ZH Open Ground