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Last Chance  
MEMORANDUM

# CORPORATION FALCONBRIDGE COPPER

DATE: January 22, 1987

TO: A.J.D.

COPIES TO:

FROM: C.M.B.

SUBJECT: Tertiary follow-up: Kamloops Lake 92I/15W

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Alex:

For an area with such glaring mercury anomalies, structural trends and Tertiary intrusive activity it is surprising so little effective work has been filed (except on Inco's ground). It is doubtful there is much in the way of outcrop in the area as soil sampling constitutes the bulk of the work filed. In fact I saw very few rock samples that were assayed for gold. If we were to pick up ground in the region perhaps a systematic lithogeochem survey along the lines of Brican's methods may turn something up.

Last Chance Area:

DM claims, Dave Gamble, Selco, 1981  
Established grid and assayed 430 soils  
Two anomalous golds at 80ppb  
One isolated arsenic anomaly  
Reported extensive hematite fracture  
veining and a large mercury halo  
Hg greater than 10,000ppb  
Subsequent drilling encountered extremely  
anomalous mercury values at bottom of hole

Jan claims, Gary Medford, Placer, 1985  
106 soils taken from three traverses  
One Au value of .12 ppm reported some  
100 meters east of a Tertiary intrusive  
along a fault line  
Quartz-carbonate veins and pegmatite in  
an old pit

Cayuse claim, Gary Medford, Packard Res.  
Nicola intruded by Tertiary dykes displaying  
intense argillic alteration.  
No significant gold assays reported.

HG claims, ASARCO,  
Numerous soil surveys without  
significant gold assays.  
Eventually decided to drill  
structure under Criss Ck. to  
discover source of placer Au.

Hardie Mountain Area:

Hardie group, Pete Peto, 1984  
Notable chalcedony and carbonate  
veining.  
Thin section work reveals kaolinite,  
sericite, hematite and pyrite in  
altered dacite flow and breccias  
Cinnabar observed.  
No significant Au values in 30 rocks.

Pearl claims, Ward, 1984  
Cinnabar and gypsum observed