

825445

CORPORATION FALCONBRIDGE COPPER

MEMORANDUM

DATE: September 29, 1986
A
TO: A.J. Davidson, D.H. Watkins
COPIES TO: Chevron/Big Ben
DE FROM: I.D. Pirie
SUJET SUBJECT: Bar Drill Programme

FILE

Surface exploration on the Bar Project area during this past summer has confirmed the presence of several felsic volcanic centres over a strike length in excess of 15 km. Some are accompanied by silica - sericite alteration, some by pyritic tuffs and others by flanking geophysical anomalies.

Data on most of these centres is still being received and analyzed. However, the SC area, which was explored early in the summer and the Dixon Lake area, explored in 1984, have several obvious targets which should be drilled immediately.

Consequently, it is proposed that we drill 1075 m in 7 holes, 4 in the SC area, 3 in the Dixon Lake area. Specifics are as follows:

SC Felsic Centres - priority

P1 L98N, 102E, -50°W 150m

- Max Min conductor flanking QFP dome, west side

P2 L99N, 104E, -50°W 125m

- test east edge of same dome where K-metasomatism is strongest and accompanied by low Na, high Ba and high Zn.

P3 L118N, 101+50E, -50°W 150m

P4 L118N, 100+35E, -50°W 150m

- test Max Min conductor in crystal tuff/chert sequence at the top? of QFP dome. Also high Zn, low Na in the area.

Alternates/Additional Holes

PX L115, 97E, -50°E 150m

- test single line anomaly (Max Min) on W side of QFP dome at contact with diorites.

PX L110+50N, 100+45E, -50°W 150m

- test Max Min anomaly in area of felsic crystal tuffs with Na depletion, Zn enrichment

Dixon Lake Area - priority

P5 L112N, 3+50E, -60°W 150m

- test coincident Max Min/soils (Ag=3.8, 2.9ppm) anomaly at mafic volcanic - sediment contact as per Rea Gold - Silver Zone

P6 L109N, 2+75E, -60°W 150m

- test same zone as P5, 300m along strike where Max Min anomalies converge

P7 L85N, 10W, -60°W 200m

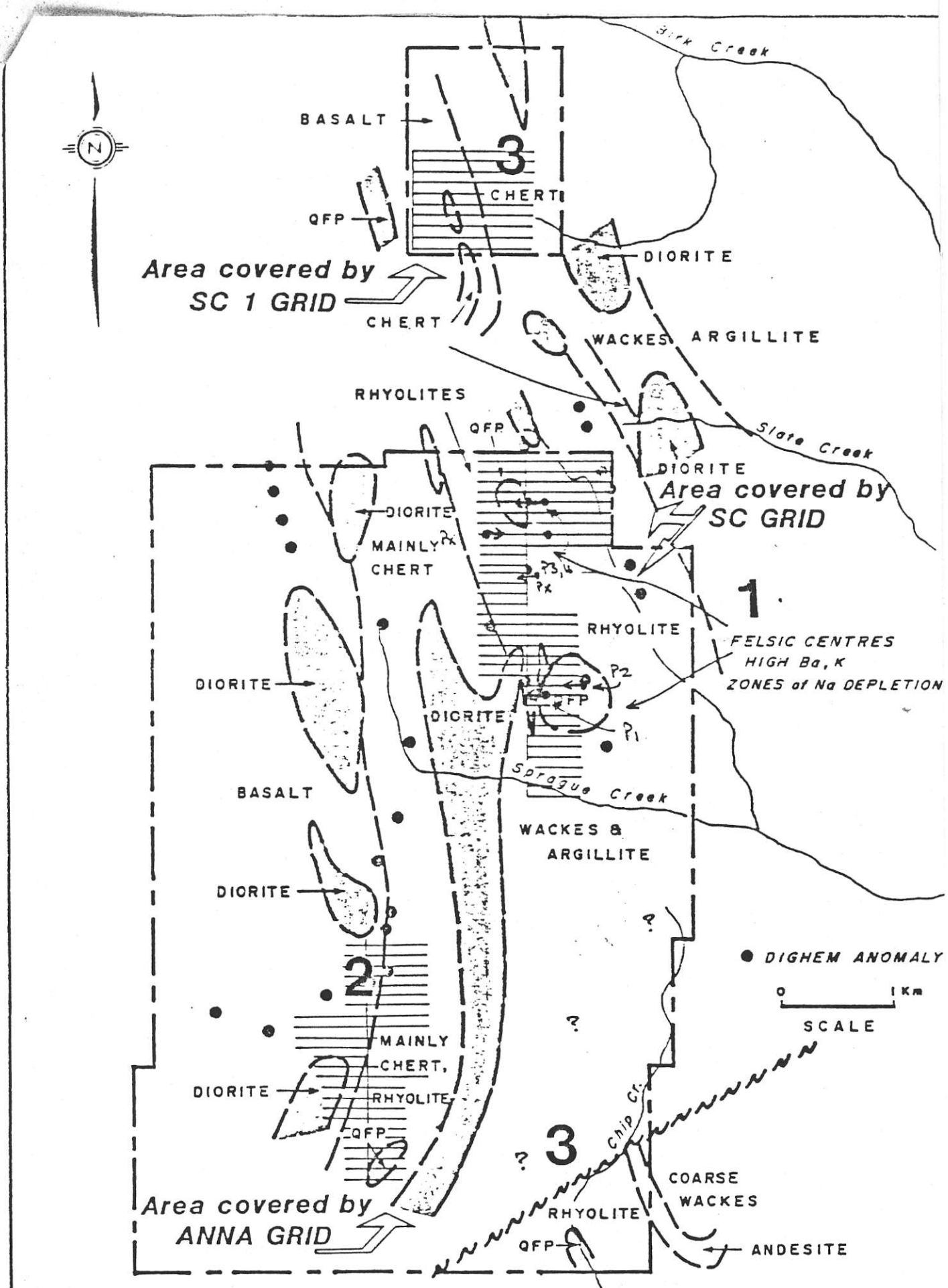
- test mafic volcanic - sediment contact (Rea horizon) in area of a Max Min anomaly with flanking Ag, Cu (soils) and along strike from an As (soils) anomaly.

Alternates/Additional Holes

PX L112, 2+35E, -60°W 150m

- test Max Min/soils (Pb,As,Au) anomaly in mafic/seds package on same section as P5 in a situation possibly analagous to Rea Gold with multiple horizons.

Total - priority = 1075m
(alternates/additional = 450m)
holes



BAR PROJECT · SC & ANNA CLAIMS — GEOLOGY

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