

# CORPORATION FALCONBRIDGE COPPER

MEMORANDUM

DATE: November 22, 1982

A  
TO: P. W. A. Severin

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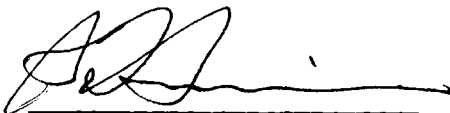
DE  
FROM: B. D. Simmons

SUJET  
SUBJECT: SKARN MS PROSPECT, VANCOUVER I., B.C. (92-F-1)

826453

Attached find my field notes from 1978 based on a fast helicopter visit. The Skarn prospect was owned by Mr. Glen White of Richmond, B.C. High-grade massive chalco-magnetite occurs associated with limestone at about the same stratigraphic horizon as the nearby Labour Day Lake MS prospect. Cherty sediments occur just below the mineralization. A granite is present nearby and the prospect has been documented as a typical skarn but I have some reservations. Glen White reported a strong PEM anomaly using a Crone prototype.

The prospect occurs within the proposed Duncan-Horne project area and should be checked during 1983.



B. D. Simmons

BDS:cs

No V.I. - Villalta & old Skarn

Date May 25, 1978 Page

- trip with JIM to see Villalta and to check on old Skarn deposit.
- via Vancouver Island Helicopters out of Victoria airport - (pilot = Cliff)
- STOP 1 at Villalta - as previous
  - took sample of crinoidal ls at hematite pit.

Skarn. TRAVERSE EAST.

B-1 = 50-60' shallow (2) trench.  
in kn bedrock.

3-5' section of heavy maf. etc  
(sampled.)

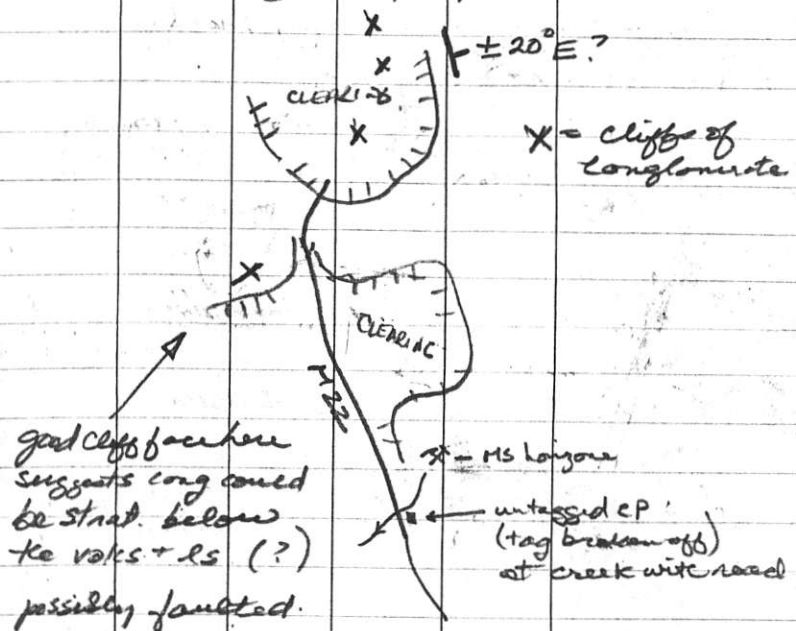
on east side - lining altered  
rock - soft, mid grad, 30%  
pk quartz or fsp + epid + lime  
Skarn??

on west side some thing  
cut in fr. fissure  
fr is not a contact.

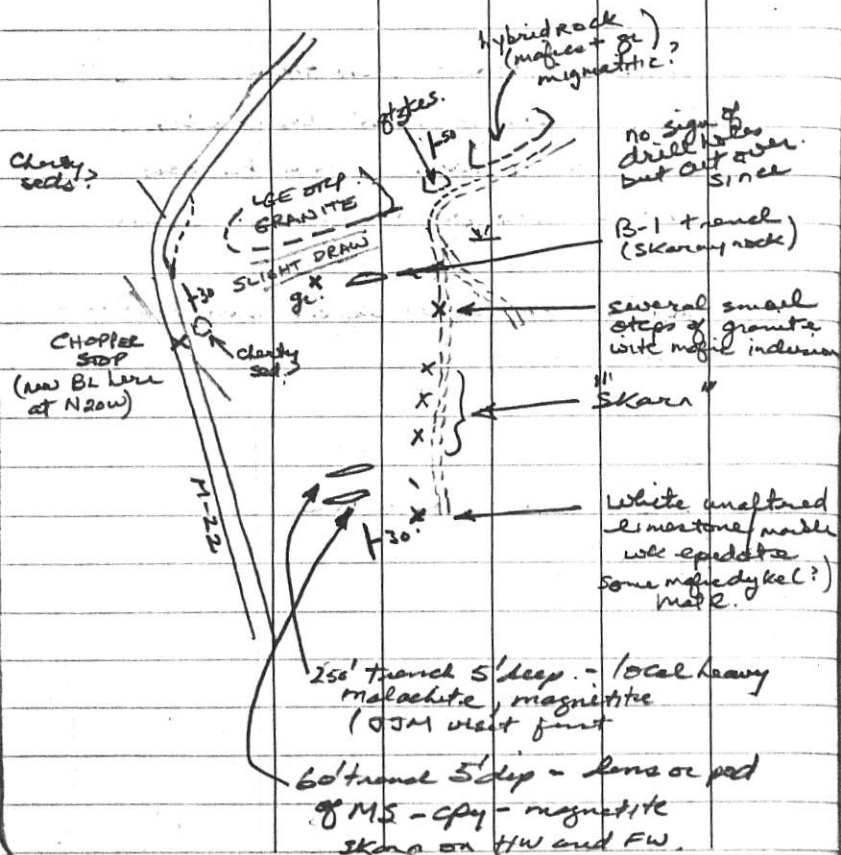
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Date Page

- JIM not sure of rock sequence could be Permian?
- with chopper continued north to end of M22 and beyond - large cliff exposures of recent looking conglomerate - graded beds - gently dip to east



- then flew to the old Skarn, circled several times - much new logging roads on east side - no sign of core sheds, piles, etc (but 2 fat elk!)
- traversed east from M22 to top of hill, then south, then west back to the road.



- 60' trench is best malachite seen but sulphides only on N wall - none on south - no real evidence of extensions so presumably a local pod.
- no sign of rhy with malachite or stratigraphic control
- JSM says looks very typical of Triassic skarns but very little iron
- would rate skarn alt'n highly
- now thinks could all be younger and not Sicker
- Soap malachite could be on both contacts of limestone
- grabbed a sample of clerty side at Chopper Landing Site