

CORPORATION FALCONBRIDGE COPPER

92P
BN Property

MEMORANDUM

820640

DATE: September 17, 1986
TO: Alex Davidson
COPIES TO: COPIES TO:
DE FROM: Graeme Evan
SUJET SUBJECT: BN Claims PROPERTY EXAMINATION

CC: I.D.P. ✓

LOCATION AND ACCESS AND CLAIM STATUS

A one day examination of the BN claims was conducted on September 12 by G. Evans with the owner Nels Vollo (P.Eng.). The BN claims lie on the East side of the North Thompson river at an elevation of 600 - 900 M, and are approximately 5 kms SE of Clearwater. The claims are in 3 blocks BN 1, 2, 3 totalling 40 (?) units and assessment work is needed on BN 23(?) by October 8, 1986 while BN 1 is held till the spring of 1987. Present road access is Via Balco logging roads and the majority of the property will soon be logged off. The property only has 1% outcrop.

GEOLOGY

Rocks on the property belong to the Fennell Group and are dominated by Pillow Basalts w/ thin interbeds of cherts and graphitic argillites, grits and breccias. All rocks appeared to strike 340 - 360° and dip steady to the East. A hand specimen of an argillite had a fragment of QP Rhyolite but no rhyolite fragments were seen in place. The graphitic sedimentary breccias commonly had 2 - 3% pyrite (marcasite?) and some ferrocrete was seen above the graphitic zones. The graphitic zones had very angular chert fragments and ranged from 10 - 20 M thick. No outcrop was seen along the trend of the main conductor but there was a lot of graphitic argillite subcrop plus or minus 10% hematite and this is probably the conductor and geochemically anomalous source.

HISTORY AND WORK

Craigmont's airborne dighem survey picked up a strong conductor and a small grid was placed over it. A soil geochem survey, VLF survey and magnetometer survey were carried out. The VLF survey picked up a strong conformable conductor with coincident geochem anomalies. (Cu,Zn). There was no accompanying magnetic anomaly. The soil geochem anomalies reach a maximum of 500 ppm CU and 200 ppm Zn with Au less than 5ppb. Rock lithog. geochem samples taken by Nels Vollo since this time have shown these graphitic sediments are generally anomalous in the order of 100 - 300 ppm CU and 100 - 200 ppm Zn.

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RECOMMENDATIONS

The most interesting targets on the property are the graphitic horizons, with traceable VLF conductors geochemical Cu, Zn anomalies and felsic volcanics in this horizon. With so many horizons such as these in the Fennell Fm. optioning is NOT warranted. Particularly since 1% o/c provides little information.

P.S. Wait 1 year, it will be logged and open!

G.E./jk