

82E Prop. Submission

ARN claims
(Grand Forks Area)

CYPRUS EXPLORATION CORPORATION, LTD.

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812137

May 31, 1973

Messrs. S. Bombini and J. MacDonald,
General Delivery,
GREENWOOD, B.C.

Dear Sirs:

Your Arn claims and adjacent Crown Grants are the subject of a report submitted to the Company by our geologist, Mr. R. Dickinson. While under normal circumstances the property would merit a more detailed investigation by us, I regret to inform you that recent political moves by the B.C. Legislature has reduced Cyprus's interest in the Province to the zero point. In the circumstances we are therefore unable to take the matter any further.

We thank you for bringing the opportunity to our attention and are hopeful that the present stringencies and uncertainties in B.C. mining will change for the better.

Yours very truly,

CYPRUS EXPLORATION CORPORATION, LTD.

J. G. Simpson
Regional Manager - Western Canada

JGS:JF



30/5/73.

Is there any comments re
this? Normally I'd say it's probably
worth a quick look along the lines Bob
mentions but with all the sign-off
to go through before we can spend any money
I wonder if it's really worth while.

A Report on the Bombini - MacDonald
Copper Prospect, Grand Forks Mining Division, B.C.

Examined by R.A. Dickinson
May 14, 1973.

VENDERS. MESSRS. SONNY & SAMMY BOMBINI
JOE MacDonald.

Greenwood, B.C.



With reference to Cliff's ideas on priorities
it would almost certainly be a waste
of time and effort to go after anything
in B.C., but the most spectacular;
which of course they don't have the
money for anyway.

May 14, 1973.

While supervising the percussion drilling program on the Greenwood Property, R.A. Dickinson examined the nearby copper prospect of Messrs. Bombini and MacDonald of Greenwood. This property is situated in the Grand Forks Mining District, and lies some four miles east of Greenwood, B.C. and one and one half miles south of Granby Mining Company's ^{producing} ~~operating~~ Phoenix Mine. It is comprised of the Ophir, Reno, Evening Star Crown grants and the Arns 1-15 mineral claims. ~~Access to the property is by~~ and across the property is by logging road ~~leading east from Greenwood.~~
^{meandering}

Three separate mineralized areas have been exposed by trenching on the crown grants. A series of north-south trenches cuts a 100 to 200 foot wide east-west trending skarn zone on the Evening Star Crown grant. The ~~garnet~~ garnet skarn contacts with porphyritic quartz monzonite on the north and grades rapidly into unaltered limestone on the south. Small blocks of skarn and skarnified altered limy sediments occur within the monzonite body. Minor chalcopyrite and pyrite ~~occur~~ irregularly occur as blebby disseminations throughout the skarn zone and ~~not~~ with chlorite along block fracture planes within the porphyritic quartz monzonite. The limestone is probably of ~~Permian age~~ a member of the ~~Permian~~ Paleozoic Brooklyn Formation while the granitic rocks are likely ~~likely~~ a phase of the Cretaceous, Nelson Intrusion Series.

A second mineralized zone ^{which has been} ~~is located on~~ exposed by stripping off thin overburden over a 50 x 100 foot area is located on the Reno crown grant. ~~Here~~ ~~the~~ Oxidation of patches of massive pyrrhotite and pyrite has produced a pervasive limonite gossan in this area. The irregular lenses of pyrrhotite occur within dark green, in places lime rich, meta-volcanic rocks probably belonging to

the Paleozoic Knob Hill Formation. Pyrite and pyrohotite mineralized rock grades into unmineralized rock on three sides of the area exposed.

The last mineralized zone examined on the property is located on the Ophir crown grant. Trenching has exposed two northwest-trending quartz veins and one quartz stringer, over a strike length of some 200 feet. The steeply dipping, parallel veins are approximately 100 feet apart and their widths vary from 1 to 3 feet. Minor pyrite occurs within the quartz. The veins are limonite stained. Mr. Joe MacDonald reports gold assays of 1.0 and 1.5 oz ~~per~~ ^{for 5 foot chip} ^{samples} ~~taken~~ ^{collected} along strike. The veins ^{cut} ~~cut~~ diorite which in places resembles a meta-diorite. Traces of pyrite, chalcopyrite and copper carbonates ~~was~~ ^{are} ~~found~~ ^{found} finely disseminated throughout this ~~diorite~~ rock type.

Of the three showings examined, only the skarn zone appears to be of some further interest. To date copper-rich skarns have been the basis of profitable mining operations within the historic Greenwood Copper Camp. However like many other ^{small} skarn showings dotting the Camp the ^{exposed part of} ^{the} Evening Star skarn zone appears narrow and irregularly mineralized with chalcopyrite. An agreement, whereby C.E.C. could conduct a limited soil geochemical survey to test for extensions of mineralized skarn with first rights to option the property, would be reasonable. The soil survey could be applied as part of the prospector's costly assessment payments.

Respectfully submitted,
B. Dickson