

# ARCHER & CATHRO

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April 28, 1966

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Dear Aaro,

When I was out to Vancouver in early April I spent a day with Mr. Fairclough discussing our plan to look for his porphyry copper deposit. At the same time I had him give me all the details of the showing that he could remember.

The story is a little different than I had recalled when I was discussing the matter with you. The situation is as follows-

There are two copper showings.

1. The porphyry copper is located somewhere northeast of Whitehorse. Mr. Fairclough and a partner (who was killed later in the war) flew into the area in search of gold and although Fairclough located a fairly impressive looking copper showing, he wasn't too interested because of the location. The showing occurs on the flank of a mountain between two lakes and Fairclough claims that the hill of mineralized material was about 900 feet high- apparently wherever there was outcrop on this hill, copper mineralization could be found under the moss. The catch is that Fairclough doesn't think he can relocate the showing very easily, if at all. When they flew in he wasn't paying much attention to where they were going and of course there were no maps that showed the particular lakes. Because of poor weather they flew in a circuitous route, first north, then east, and finally south. The pilot was Mr. Cook, a well known bush flyer who was killed during the '40's when he tried to land his plane in the main street of Whitehorse.

The only landmarks that Fairclough remembers are the lakes where the showing occurs. There are three lakes, one of which has a distinctive shoreline. The showing outcrops on the flank of the mountain between two of the lakes. Fairclough gave me a sketch of the lakes as he recalled them (size, distance apart etc.) but I couldn't find anything on the 4-mile maps that matched his description. Mr. Fairclough apparently had someone else interested in this showing several years ago and although they did not look for it in the field, they did supply Fairclough with 4-mile maps and aerial photos of likely areas and made an attempt to locate Cook's old log books, all without success.

✓ | As I see it, the only way to find this showing is to have Fairclough spend a week or so flying the country in a fixed-wing aircraft trying to relocate himself. The lakes are all supposedly large enough to land a float plane on so he could check out each likely looking area on the ground fairly quickly.

2. The second showing occurs in the country east of the headwaters of the Bonnet Plume River. Fairclough and a partner (now dead) were prospecting in the area for gold and when they were walking out they met an old Indian who travelled with them for several days. The Indian told Fairclough that in the old days his tribe used to come into that area to get native copper for arrowheads but they hadn't done so for a number of years because they had found a more accessible source somewhere in N.W.T. While they were travelling, the Indian pointed to the hill which was supposed to be the source of the copper (about 5 miles away according to Fairclough, but they didn't bother looking at it because they were in a hurry to get out. Fairclough said that they found a lot of bornite float, but saw nothing of consequence in place in the area. As a matter of interest, Fairclough asked me if anyone had ever done anything with all the iron which he had seen in this area.

Fairclough feels that he can relocate this area

easily as he can recall where they were and the hill that the Indian pointed to had a very distinctive shape.

Exploration of this area will be fairly expensive as it lies about 100 miles north-east of Elsa. The best way to go about it would be to move several Beaver loads of gas to Fairchild Lake (see Nadleen Lake 1"-4 mile topography) and do reconnaissance with a smaller aircraft until Fairclough locates himself. Then a helicopter could be brought in to look for the showing on the ground.

Fairclough also knows of an interesting gold project. Just before the war, he and a partner (later killed in the war) found gold in a creek that was flowing out from under a glacier. The creek was flowing over schistose rocks and was swift enough that it had swept most of the bedrock surface clean. They found gold in cracks in the schist and in several weeks dug out \$600.00 to \$800.00 worth, mostly in the form of fairly coarse nuggets. He said that they prospected downstream where gravels were being deposited but didn't find anything. The toe of the glacier had a high face and ice slides made the area very dangerous to work in- in fact, some of his pack dogs were killed by falling ice.

Fairclough is certain that he could easily relocate this showing and there is a lake fairly close by that is big enough for float planes. I feel this area could be of interest now because the glacier might have retreated 600-1000 feet since they were there. Fairclough mentioned that many of the nuggets had considerable blue quartz associated with them.

Fairclough indicated he would be willing to come north during July and August to look for these showings under the following terms:

1. Expenses paid to and from Vancouver.
2. Salary of \$600.00 per month.
3. A 10% interest in the copper showings and a 15% interest in the gold showing.

We could provide a certain amount of help and I would accompany Fairclough on the reconnaissance flights

4.

under the following terms:

1. Paid expenses for travel fare etc. plus time at the rate of \$50.00 per day.
2. A 5% interest in the copper showing and a 10% interest in the gold showing.

I doubt we will have enough time available this summer to take this program beyond the simple aerial reconnaissance and prospecting stage ( say 10 or 15 days at the very most). In any case Fairclough is a very experienced bush man and a good prospector. He can be left on his own most of the time and I imagine that he would be willing to prospect for Atlas for the remainder of the summer in the event that his showings can't be located after several weeks of work.

Fairclough is an honest, reliable man and I have complete faith that these showings exist. However, as you well know, the Yukon is a lot bigger than it looks on a map and it has been almost 30 years since Fairclough was on the showings. Even so, I think the gamble of finding them is worth taking.

If you are still interested in this project perhaps I could arrange to come to Vancouver in May or June so we can meet with Fairclough, draw up a budget and finalize the plan of attack.

Best regards,

ARCHER & CATHRO

  

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A.R. Archer

• hel Cook → flew on or coast from hansen (DA) & hel flew  
from Fairclough out there.

one lake has square in middle  $\frac{1}{4}$  mi deep - square Bay  
on E side

### Deposit

Hill 900' <sup>-1000'</sup> from level of area - falling top, good  
walking, followed base rock, above timberline, lower  
part 10-15' spruce growth -  
open areas of rock whole hill same with each piece  
had ca around it. Syenite - grey, pink green.

Fresh S=

50-mile radial possible.

No. re fueling flew toward Ross & flew to S.

4-5000' elev (?)

40 min S or E of Hoole 110 mph. in Waco.