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Proposed Exploration
Fairclough Project

Yukon

A.E. Aho
May 20, 1966

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Scale 1" equals 32 miles.	

Introduction

Mr. Stan Fairclough, who now resides at Cultus Lake, British Columbia has knowledge of several mineralized areas in the Yukon Territory. These areas were located by Fairclough while prospecting, in the Territory during the middle to late 1930's and to my knowledge have not been relocated by anyone since that time. At least three of the showings may have become economic since that time.

It is proposed that Fairclough be hired on a salary and percentage basis to relocate the three showings. It is my opinion that Mr. Fairclough is honest and that the showings exist as he describes them within the limits of his memory of places and events almost 30 years old.

Description of Showings

Showing-I- A possibly large porphyry-type copper deposit was located by Fairclough in the late 1930's, while he was prospecting for placer gold. Fairclough and a partner, who was later killed in the war, were flown into the area by Mr. Cook, a well known Yukon bush flyer. The two men were dropped off on a lake, prospected the area for several weeks, and were picked up on another lake about 30 miles to the south. Fairclough does not recall exactly where the lakes are and his description of the route flown by the plane is sketchy. However, he does recall that they flew north of Whitehorse until they were a few miles south of Hoole Canyon on the Pelly River and then turned south (or possibly southeast) for another 20 to 40 miles. Fairclough thinks that he could recognize the lakes again if he saw them particularly the northern-most lake

which had a distinctive shore line feature.

The showing occurred on the western flank of the valley in which the lakes lay. Fairclough recalls that it was just at or slightly above timber line and that copper-stained rocks could be found over a large area. He describes a hill about 900 feet high on the flank of the mountain as showing copperstain wherever he lifted moss. He claims to have broken the rock and found copper minerals in what he believes was a granitic rock. His impression was that the showing was very rich, perhaps several percent copper or more.

Fairclough has never had a chance to return to the Yukon to look for this showing. He has studied maps and airphotos of the area during the last several years but has not been able to locate the lakes. Mr. Cook, the bush pilot, was killed in an air crash in the 1940's. A search made by a friend of Fairclough was unsuccessful in locating any of Cook's log books which might have recorded the location of the lakes.

Showing 2- A gold placer area was located by Fairclough and a partner in 1938. The gold occurred as coarse nuggets in a stream that was flowing from under a large glacier. The stream channel was in schistose rocks and the gold was found in cracks in the bedrock. Fairclough claims that prospecting downstream, away from the glacier, failed to find any gold.

During a period of several weeks Fairclough contracted \$600.00 to \$800.00 in nuggets by digging into the bedrock cracks. Most of the time he was working directly under the

face of the glacier where falling ice made his job very hazardous. Eventually one of his pack dogs was killed by falling ice and he was forced to leave the area. Fairclough claims he can find this showing without difficulty and he recalls that there was a lake large enough to land a float plane on within several miles of the glacier.

Mr. Fairclough is certain that the showing lies on Keele Peak (see map in appendix). There are only 3 lakes on this peak that can accomodate float aircraft.

Showing 3- This showing was not actually seen by Fairclough but the area in which it is supposed to occur is recognized as being favourable for copper deposits.

Mr. Fairclough and a partner were prospecting for gold in the Bonnet Plume area. They were traversing between the headwaters of the Bonnet Plume and Snake Rivers when they ran into an old Indian who was travelling to Dawson. They gave the Indian some food and travelled with him for several days. The Indian told Fairclough that his tribe used to make arrowheads out of metal (presumably native copper) found not too far from the route they were travelling. The Indian said he would show them where it was and after several dayson the trail , pointed out a mountain several miles away, as the source of the metal. Fairclough claims that the mountain had a very distinctive shape and that he is fairly sure he can locate it.

Participation

Mr. Fairclough will come to the Yukon to try and locate these showings during the months of July and August for the following considerations-

1. A salary of \$600.00 a month plus all expenses, including travel from Vancouver.
2. A 10% interest in the copper showings plus a 15% interest in the gold showing.

Archer & Cathro agree to organize the search at their usual consulting rates. For having brought the prospects to the attention of the backers, Archer & Cathro will require the following considerations-

1. A refund of expenses incurred to date (about \$350.00).
2. A 5% interest in the copper showings and a 10% interest in the gold showing.

Conclusions and Recommendations

1. The copper showing in the Pelly River area is of great interest. However, Fairclough feels that he will have a hard time locating it.

It is possible that this showing is fairly close to the Fire Lake- North Lake area and may have already been found. Because of the alternative possibility that it lies undiscovered in this very favourable area a search is definitely justified. The following procedure is recommended-

- a. Grid fly the area shown on the map with a fixed-wing

5.

aircraft out of a camp in the Ross River area.

- b. Have Fairclough and a partner prospect each possibility located by the grid flying.

2. The gold showing is of interest mainly because the glacier might have retreated as much as a 1000 feet since 1938 and the source of the gold might now be exposed. Also, the possibility of finding a commercial placer operation down stream must not be overlooked.

The search can be concluded quickly by having Fairclough and his partner land on the several possible lakes and prospect the area.

3. The Bonnet Plume copper showing is the least definite and therefore less interesting than the other two. A search will be fairly costly, because of the necessity of using a helicopter for follow-up work due to the scarcity of lakes. For this reason, this area should have the lowest priority and be looked at only if time permits. The following procedure is recommended-

- a. Transfer gas and supplies to the nearest lake central to the area (probably Pinquicula Lake) with a Beaver aircraft.
- b. Have Fairclough scout the area in a fixed-wing aircraft until he locates himself.
- c. Have Fairclough and his partner examine the prospect using a helicopter.

Budget

Only a rough budget can be estimated because of the uncertainty of the time factors involved. It will be assumed that

3. Keele Peak Project

Assume 10 days prospecting with 20 hours

Cessna 180 air support.- \$1500.00

5 hours Beaver rental to establish gas

cache near Keele Peak @ \$75.00/hr.- 375.00

Sub Total \$1875.004. Bonnet Plume Project

Transport 12 drums of avgas to Pinquicula

lake with Beaver aircraft from Mayo.

Beaver aircraft charter, 9 hrs. @ \$75.00/hr.- \$675.00

Gas- 400.00

Fixed-wing charter for reconnaissance assuming

4 days flying @ 6 hrs./day.

Cessna 180, 24 hours @ \$60.00/hr. \$1440.00

Bell G-2 helicopter charter from Mayo

for 5 days.

5 hours ferry plus 15 hours investigating

prospects @ \$102.00/hr.- 2040.00

Sub total- \$4555.00

Grand total- \$14,720.00

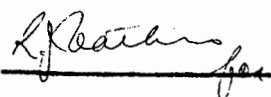
& 10% contingencies 1,472.00

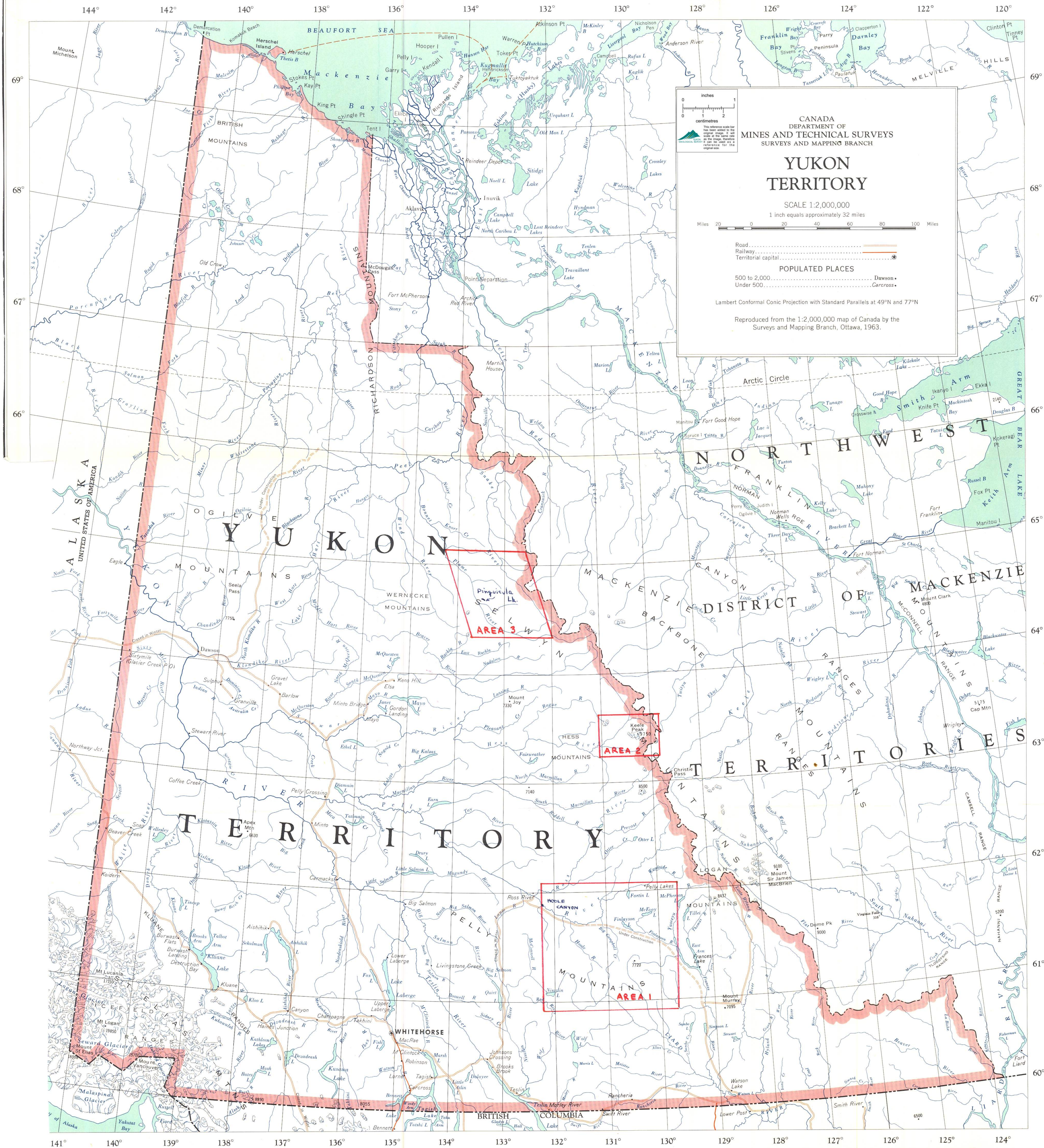
Total- \$16,192.00

The costs have been estimated at maximum. If Fairclough quickly locates the old prospects, overall preliminary costs will be greatly reduced.

Respectfully submitted,

ARCHER & CATHRO


 A.R. Archer



0 1
centimetres
0 1 2
Miles 20 40 60 80 100

CANADA
DEPARTMENT OF
MINES AND TECHNICAL SURVEYS
SURVEYS AND MAPPING BRANCH

YUKON TERRITORY

SCALE 1:2,000,000
1 inch equals approximately 32 miles

Road
Railway
Territorial capital*

POPULATED PLACES
500 to 2,000 Dawson •
Under 500 Carcross •

Lambert Conformal Conic Projection with Standard Parallels at 49°N and 77°N

Reproduced from the 1:2,000,000 map of Canada by the
Surveys and Mapping Branch, Ottawa, 1963.