CAMPBELL RESOURCES INC.
ASSESSMENT REPORT
GEOCHEMISTRY SURVEY
BANDER CLAIMS 1-80
115-P-15
63°46'N  136°49'W

Mayo Mining District
Yukon Territory.

A. Woodsend
April 23, 1981.
April 23, 1981

R.G. Ronaghan
Mining Recorder
P.O. Box 10
Mayo, Yukon Territory

Dear Mr. Ronaghan:

Attached please find a belated technical report on the Bander claims, for which costs were filed last summer.

I apologise for the delay, but we have our problems too! I look forward to seeing you in Mayo shortly.

Yours truly,

A. Woodsend

/bm

encl:
This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representing work in the amount of $16,840.00.

R. Debruyne  A. Rog. Geol.
Resident Geologist or Resident Mining Engineer

Considered as representation work under Section 53 (6) Yukon Quartz Mining Act.

J.N. Baxter  Supervisor Mining Recorder

Commissioner of Yukon Territory
FOR ACTION ARE:

NEW APPL'N for PLACER LEASE to PROSPECT: Name:

RENEWAL APPL'N PLACER LEASE to PROSPECT: Name:

AFFIDAVIT of EXPENDITURE on PLACER LEASE. Name:

ASSIGNMENT of PLACER LEASE No. ..............
From: To:

GROUPING APPL'N UNDER SEC. 52(2) PLACER MINING ACT.
Owner:

DIAMOND DRILL LOGS:
Claims:

QUARTZ ASSESSMENT REPORT
Claims: Sander 1-80 Snark
Type of report: G.C.

Certified work performed on:

QUARTZ ASSESSMENT REPORT
Submitted by: Campbell Resources Inc.
Claim sheet no. 113-P-15

$ Req. for ren. application $16840.00

Signature

Date Ref.
Department of Indian Affairs and Northern Development

YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)

1 (Name) A. Woodsend

Occupation Geologist

(Postal Address) Box 37 Mayo Yukon

MAKE OATH AND SAY, THAT:

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work on the following mineral claim(s):

   (Here list claims on which work was actually done by number and name)

   SNATCH 1 to 40 (incl.) 1 to 12 = YA 40486 - YA 40497
   13 to 20 = YA 40533 - YA 40560
   21 to 34 = YA 40498 - YA 40511
   35 to 40 = YA 40561 - YA 40586

   situated at Fortymile Creek in the Mayo District, to the value of at least $5,946.00

   to represent the following mineral claims under the authority of Grouping Certificate No.

   (P - list claims to be renewed in numerical order, by grant number and claim name, showing renewal period 7__7___.)

   SNATCH 1 to 40 (incl.) ALL FOR 1 YEAR.

2. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

   WORK PERIOD August 15 to August 29, 1979 $326.00

   GEOCHEMICAL ANALYSES 320 Sn, W, Cu, Zn, Ag $10.05 800.00

   4 assistants for 5 days @ $40.00 per day

   4 1/2 hrs helicopter time @ $400.00 per hour

   Drafting

   $5,946.00

Sworn before me at Mayo, this 4th day of August, 1980

Notary Public

Applicant.
Department of Indian Affairs and Northern Development

YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)

| I (Name) | A. WOODSEND |
| (Postal Address) | Box 37, MAYO, YUKON |

MAKE OATH AND SAY, THAT:

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work on the following mineral claim(s):

   (Here list claim on which work was actually done by number and name)

   BANDER 1 to 80 (incl), YA 40328 to YA 40407

   situated at FORTYMILE CREEK, Claim Sheet No. 115-P-15

   in the MAYO Mining District, to the value of at least $10,894.00

   dollars, since the 23rd day of July 1979.

   to represent the following mineral claims under the authority of Grouping Certificate No.

   (Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

   BANDER 1 to 80, YA 40328 to YA 40407

   ALL FOR ONE YEAR.

3. The following is a detailed statement of such work:
   (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

   WORK PERIOD AUGUST 12th to AUGUST 29th 1979.

   GEOCHEMICAL ANALYSES $528.20
   562 Sn, W, Zn, Ag @ $9.40 332.80
   256 Cu, Pb @ $1.30 28.60
   44 C @ $0.65 1,600.00

   4 assistants for 10 days @ $40.00/day 3,400.00
   85 hrs helicopter time @ $400.00/hr 250.00

   Total $10,894.20

Sworn before me at MAYO this 4th day of August 1979

Notary Public

Applicant.
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**Attached**

- Bander Claim Sketch  \( \frac{1}{2} \) mile = 1"
- Map Ty 83 Bander and Snatch Groups; Sn, W 1:10,000
- Map Ty 84 Bander and Snatch Groups; Cu, Pb 1:10,000
- Map Ty 85 Bander and Snatch Groups; Zn, Ag 1:10,000
INTRODUCTION

The Bander Claims straddle the Fortymile Creek drainage. They were staked for the Cortin Joint Venture by Campbell Resources Inc. in 1979. The work outlined in this report was conducted intermittently from August 12th, 1979 to August 29th, 1979, as part of the Cortin Joint Venture Exploration Program.

Exploration History

A reconnaissance stream sediment geochemistry program carried out by Campbell Resources Inc. in 1978 produced several recurrent high tin values in the Fortymile Creek drainage. Tin is known to occur to the east at the headwaters of May Creek, and to the northwest at the headwaters of Fortymile Creek.

The soil samples taken in this 1979 program were analysed for Sn, W, Cu, Pb, Zn and Ag by Bondar-Clegg in Whitehorse.

General Geology

No detailed geological map of the area has been produced. The claims are underlain by Yukon Group schists and quartzites. Though Cretaceous granitic stocks and dykes are known to intrude these schists to the east and west, none have been reported from the Bander claims to date.
1979 Geochemical Results

Claim lines were sampled at 50m intervals and the samples were analysed for Sn, W, Cu, Pb, Zn and Ag, as shown on attached maps Ty 83, 84 and 85. Results were, on the whole, disappointing, with only a few sporadic zinc anomalies.

Recommendations

No cause has yet been found for the high tin stream sediment values. The geochemical soil sampling to date has been on very widely spaced lines, and cannot be viewed as a definitive test for the presence or absence of mineralisation. Further geochemical work, together with detailed geological mapping is recommended.
STATEMENT OF QUALIFICATIONS

The work on the Bander Claims was carried out under the direction of Angus Woodsend, Field Manager-North for Campbell Resources Inc.

Mr. Woodsend holds a BSc.(Hons.) degree in Geology from Southampton University in England, and has practiced his profession continuously for nine years in a variety of countries and geological environments.

A. Woodsend