

**THE BHG CLAIMS**

**BLACK HILLS CREEK**

**YUKON**

**115-0-10**

**63° 31' N 138° 55' W**

**RECONNAISSANCE GEOCHEMISTRY**

**December 4, 1994**

**Dates of Field Work Aug 13-15, 1993.**

**Prepared by**

**James S. Christie Ph.D.**

**Geologist**

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## TABLE OF CONTENTS

|                             | Page   |
|-----------------------------|--------|
| INTRODUCTION                | 1      |
| LOCATION AND ACCESS         | 1      |
| TOPOGRAPHY AND VEGETATION   | 1      |
| LOCATION MAP                | 2      |
| CLAIM MAP                   | 3      |
| CLAIMS                      | 4      |
| GEOLOGY                     | 4      |
| GEOCHEMISTRY                | 4      |
| GOLD                        | 5      |
| ARSENIC                     | 5      |
| LEAD                        | 5      |
| CONCLUSIONS                 | 5      |
| RECOMMENDATIONS             | 6      |
| COST STATEMENT              | 7      |
| STATEMENT OF QUALIFICATIONS | 8      |
| APPENDIX                    |        |
| GEOCHEMICAL DATA            | 9      |
| MAP 1"=300'                 |        |
| RECONNAISSANCE GEOCHEMISTRY | POCKET |

## INTRODUCTION

The BHG Quartz Claims cover the drainage basin of an unnamed left limit tributary of upper Black Hills creek and should include the source area for placer gold deposits which were mined many years ago, near the confluence. Current reconnaissance geochemistry and prospecting have indicated that the area is suitable for geochemical exploration and warrants more work, although near surface permafrost in some areas locally precludes the use of soil geochemistry.

The next phase of exploration would include a small grid in an area which gave gold and lead anomalies in soil, and followup sampling in the vicinity of other gold, lead and arsenic soil anomalies. A programme budgeted at \$ 8,000 has been outlined.

## LOCATION AND ACCESS

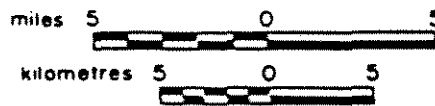
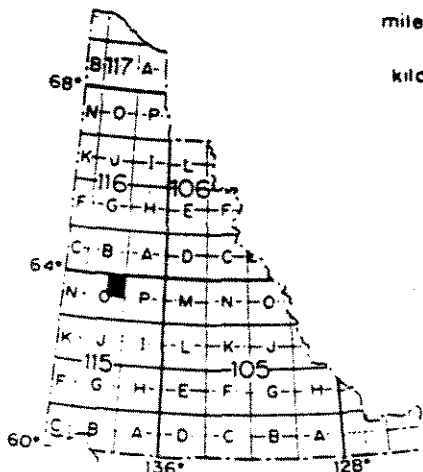
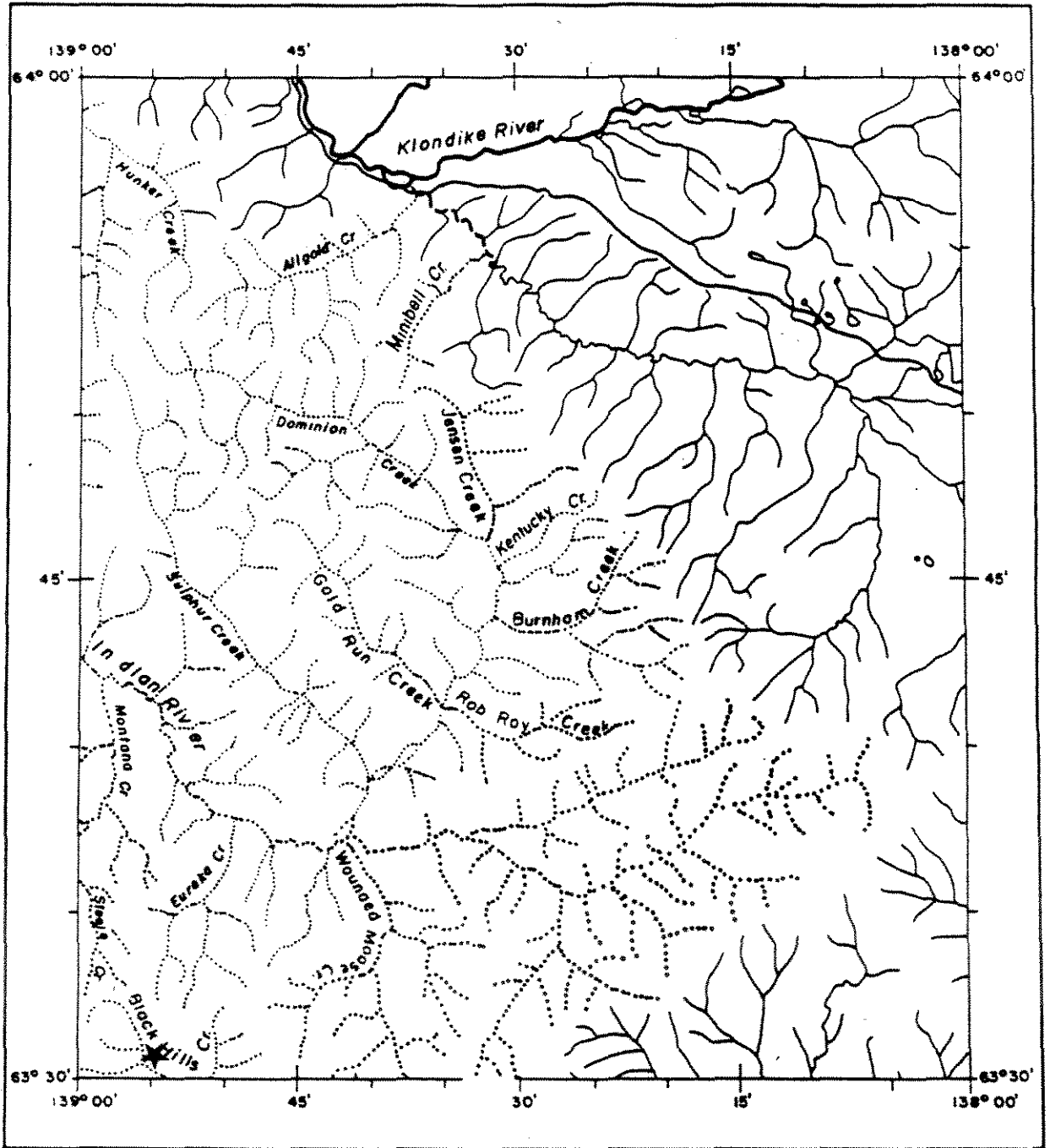
Black Hills Creek is located about 100km by road southeast of Dawson City, Yukon. This road is gravel beyond the Hunker Creek turnoff and deteriorates south of Granville from which point there is no government road maintenance. Driving time from Dawson is 2.5 to 3.5 hours depending on road conditions. A property location map is included.


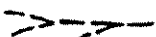

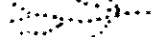

## TOPOGRAPHY AND VEGETATION

The property is on the southwest facing slope of Black Hills Creek about 5 kilometres below the headwaters at elevations between 2300-4000 feet. The valley slopes vary from moderate along parts of the lower valley to steep. Drainage is to the south into Black Hills Creek and Stewart River.

The gold bearing gravels on the valley floor are of unknown thickness and are overlain by a layer of frozen black mud. Typically the mud is covered with a thick insulating moss blanket and dense to open spruce forest with willow underbrush. On the lower slopes the black mud thins rapidly and interfingers with talus and slide debris derived from the slopes. Moss is less and spruce vegetation gives way to poplar-willow-birch on dryer less frozen parts of the mid and upper slopes.

Black Hills Creek lies in an unglaciated part of the Yukon and therefore erosional and weathering processes have gone on without interruption for a long time.



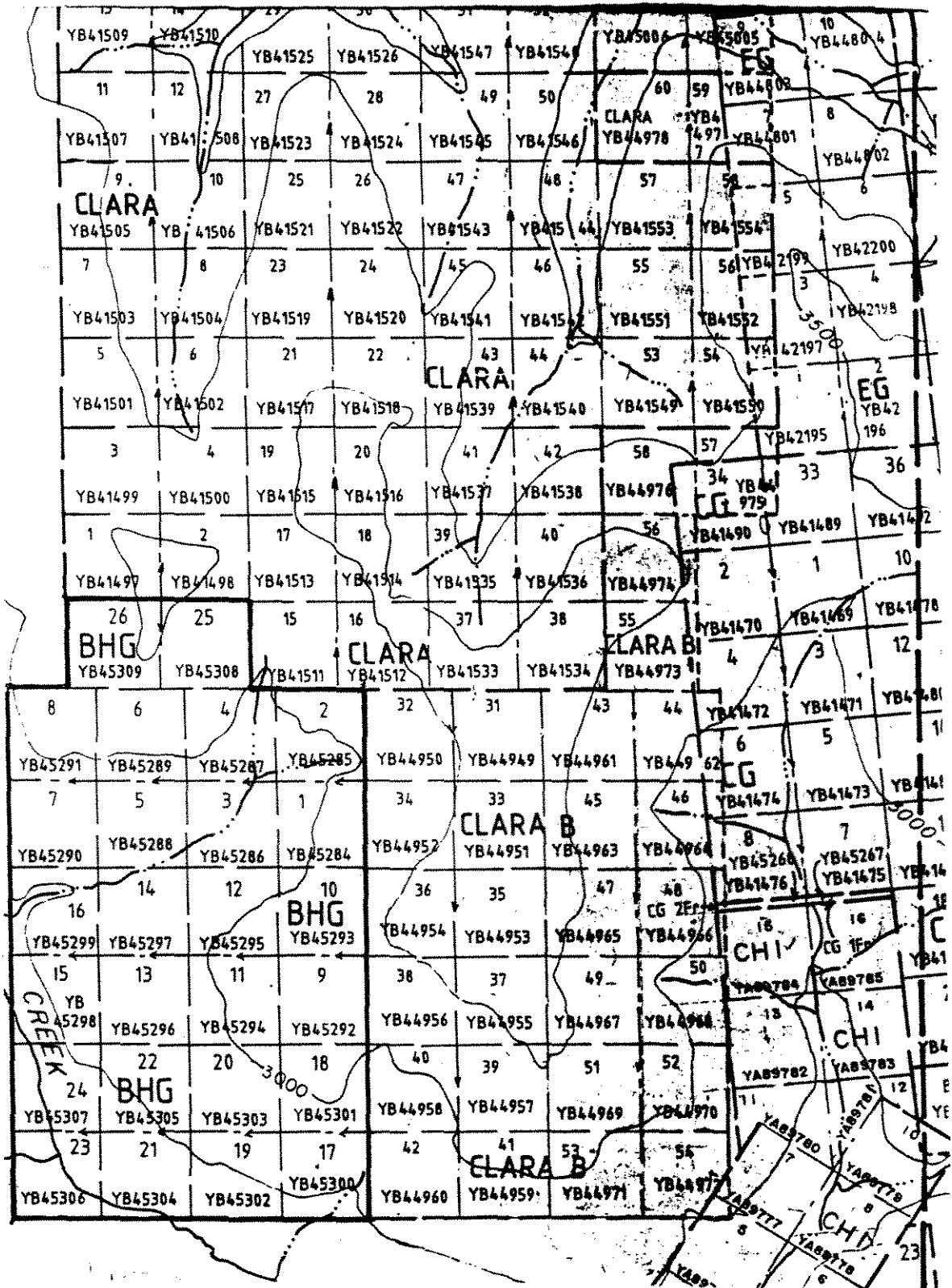
-  Type I
-  Type II
-  Type III
-  Type IV
-  Type V

BHG CLAIMS

PROPERTY  
LOCATION  
MAP

Property -- ★

N ↑



CLAIM MAP 1150/10

BHG 1-26

SCALE 1:30,000

## CLAIMS

The property consists of the Quartz claims listed below and shown on the accompanying claim map.

BHG 1 - 26      YB45284-309      Record Date August 9, 1993.

## GEOLOGY

Regional mapping by Bostock 1935-37 indicated that the claim block on Black Hills Creek is underlain by gneiss schist quartzite and slate of the Yukon Group of Precambrian and Later age. Generally, this was found to be correct in the course of present traversing based on float and bedrock exposures in a few roadcuts, but an area of grey andesite tuff float was found near the confluence on BHG 7 and 16. These rocks are probably related to Tertiary volcanics mapped to the west of the claim block by Bostock.

Natural bedrock exposures are sparse despite the steepness of the slopes in most areas ( none were found on the sample lines ). Talus and felsenmeer are the only guide to bedrock geology, and they are not too reliable as there has been considerable downhill creep on the slopes, over the years. Only the hardest most resistant gneiss and quartzite form outcrops.

## GEOCHEMISTRY

Soil sampling was used as the basic tool to try to evaluate the soil covered slopes of the property. Reconnaissance sample lines were run along the claim lines with samples collected at 150 - 300 foot intervals depending on soil conditions and permafrost which determined the acceptability of samples.

Soil samples were obtained with an Eidelman Auger from depths of 12-24 inches all well below surface organic layers. Material was sought that contained small angular rock chips derived from the breakdown of bedrock on the slopes above . Preference was given to soils with rusty brown colours, and damp soils in areas of seepage. Permafrost was avoided as much as possible by altering the sample site but on a few of the slopes in local areas it was necessary to take a seepage soil directly off frost. Most of the soils were very high in clay content and dried to hard blocks. These had to be broken up at the lab prior to sieving.

All samples were prepared and analyzed by Chemex Labs of Vancouver, B.C. Analysis for gold was by fusion of a 10 g sample (fire assay) with an AA finish. A 32 element ICP package was also run utilizing a nitric aqua-regia digestion. The analytical procedures and analyses are given in the appendix. Results considered to be anomalous are plotted on the accompanying map. In total 85 soils and 1 silt sample were submitted for analysis.

### GOLD

Background values returned by most of the samples are below the 5ppb detection limit of the analytical technique. Anomalous values of 15-70 ppb were obtained from 7 soils, but these do not form a pattern and indicate that there is likely more than one area of gold mineralization on the property.

### ARSENIC

Arsenic values in soils are low with background values at about the 10 ppm level and values of 20 ppm or greater being anomalous. Only 2 samples returned anomalous values up to 56 ppm, and these are both on the most northerly line (see map).

### LEAD

Lead values in soils are low with background being about 12 ppm and anomalous results over 25 ppm. Three anomalous samples were obtained with values up to 68 ppm, and all three are along the same line that returned the anomalous arsenic values.

### CONCLUSIONS

Old placer mining workings on the BHG claims suggests that a bedrock source of gold may exist within this relatively small drainage area. Slopes are such that geochemical soil sampling should be an effective means of exploration on the property on all but north facing slopes or otherwise shaded areas where permafrost never thaws.

Initial reconnaissance geochemistry has returned low level gold, arsenic, and lead anomalies in soil from the northern part of the claim block. The anomalies are in different samples but together these metals are similar to the geochemical environment in which epithermal gold deposits are found. The most promising area is around samples C 159-64 where high gold and lead values are associated. More geochemical work is needed in this area as well in the vicinity of the other single element anomalies obtained. The next phase of work should include a small soil grid covering this target with lines parallel to the contours spaced 200 feet apart and samples at 100 foot intervals. In addition a few more samples should be collected from the other sites which gave anomalous results especially on the south line (west side) where 3 of the higher gold values were obtained.

## RECOMMENDATIONS

In the target area around C 159 - 64 a 1000 x 800 foot soil grid is recommended with lines parallel to the contours spaced 200 feet apart, and samples 100 feet apart on the lines. In addition a few more samples should be collected from the other sites which gave anomalous results, especially along the west end of the south line where 3 of the higher gold values were obtained. Also a reconnaissance soil line should be run at the base of slope on the north side of the unnamed tributary, and on the south side as well, to the extent that is possible and permafrost.

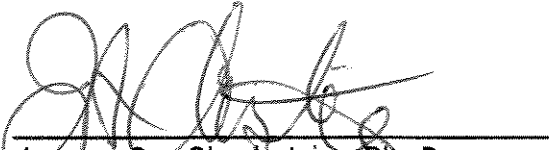
## BUDGET

|                    |                           |          |
|--------------------|---------------------------|----------|
| Geologist          | 4 days @ \$350            | \$ 1400  |
| Sampler            | 4 days @ \$200            | 800      |
| Travel             |                           | 500      |
| Accom\meals        | 8 mandays @ \$50          | 400      |
| Truck 4x4          | 4 days @ \$75             | 600      |
| Geochem            | 150 samples @ \$17        | 2550     |
| Freight on samples |                           | 150      |
| Field Supplies     | bags flagging string etc. | 100      |
| Maps and Reports   |                           | 1000     |
| Contingency        |                           | 500      |
|                    |                           | -----    |
| TOTAL              |                           | \$ 8,000 |

## COST STATEMENT - BHG CLAIMS - 1993 WORK

|  |                   |
|--|-------------------|
| J.S. Christie Ph.D. Geologist<br>Soil sampling and travel 3 days @ \$350 | 1050.00           |
| T.M. Christie Field Asst.<br>Soil sampling and travel 3 days @ \$200     | 600.00            |
| Chemex Labs geochem analyses<br>86 samples @ \$14.73                     | 1266.78           |
| Field supplies bags,string,flagging etc.                                 | 50.00             |
| Living costs --field (excl. report)<br>6 mandays @ \$ 50                 | 300.00            |
| Milage, 4x4 3 days   | 150.00            |
| Report, map enlargements, drafting, duplication                          | 1000.00           |
| TOTAL  | <u>\$ 4416.78</u> |

Respectfully submitted this 4th day  
of December, 1994.

  
\_\_\_\_\_  
James S. Christie Ph.D.  
Geologist

## STATEMENT OF QUALIFICATIONS

I, James S. Christie of Dawson City, Yukon and Vancouver, British Columbia, do hereby certify that:

1. I am a Professional Geologist residing at 25 Callison Way, Dawson City , Yukon, Y0B 1G0, or 3921 West 31st Avenue, Vancouver, B.C. V6S 1Y4.
2. I am a graduate of the University of British Columbia, B.Sc., Honours Geology, 1965: Ph.D. Geology, 1973.
3. I have practised my profession as a mining exploration geologist, continuously since 1965.
4. I am a Fellow of the Geological Association of Canada.
5. This report is based on my knowledge of the district, and personally soil sampling and mapping the property.
6. I am the recorded owner of the BHG Claims.

APPENDIX

Geochemical Data



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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Page Number : 2-A  
Total Pages : 6  
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Invoice No. : I9324696  
P.O. Number :  
Account : FGF

Project : DAWSON 5  
Comments: ATTN: JIM CHRISTIE

## CERTIFICATE OF ANALYSIS A9324696

| SAMPLE  | PREP CODE |     | Au ppb | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K %  | La ppm | Mg % | Mn ppm |
|---------|-----------|-----|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
|         |           |     | FA+AA  |        |      |        |        |        |        |      |        |        |        |        |      |        |        |      |        |      |        |
| 93C-37  | 201       | 229 | < 5    | < 0.2  | 1.23 | 14     | 350    | < 0.5  | < 2    | 0.55 | < 0.5  | 9      | 27     | 28     | 2.36 | < 10   | < 1    | 0.07 | 10     | 0.53 | 310    |
| 93C-38  | 201       | 229 | < 5    | < 0.2  | 1.46 | 6      | 420    | < 0.5  | < 2    | 0.72 | < 0.5  | 9      | 28     | 29     | 2.36 | < 10   | < 1    | 0.07 | 20     | 0.50 | 370    |
| 93C-39  | 201       | 229 | < 5    | < 0.2  | 1.26 | 6      | 360    | < 0.5  | < 2    | 0.51 | < 0.5  | 7      | 25     | 27     | 2.13 | < 10   | < 1    | 0.04 | 20     | 0.45 | 255    |
| 93C-40  | 201       | 229 | < 5    | < 0.2  | 1.25 | 8      | 370    | < 0.5  | < 2    | 0.60 | < 0.5  | 8      | 25     | 24     | 2.11 | < 10   | < 1    | 0.06 | 20     | 0.47 | 280    |
| 93C-41  | 201       | 229 | < 5    | < 0.2  | 1.32 | 8      | 440    | < 0.5  | < 2    | 0.58 | < 0.5  | 8      | 27     | 22     | 2.13 | < 10   | < 1    | 0.05 | 20     | 0.42 | 365    |
| 93C-42  | 201       | 229 | < 5    | < 0.2  | 1.23 | 8      | 340    | < 0.5  | < 2    | 0.43 | < 0.5  | 6      | 23     | 22     | 1.91 | < 10   | < 1    | 0.05 | 20     | 0.38 | 180    |
| 93C-43  | 201       | 229 | < 5    | < 0.2  | 1.35 | 8      | 420    | < 0.5  | < 2    | 0.52 | < 0.5  | 8      | 27     | 28     | 2.38 | < 10   | < 1    | 0.06 | 20     | 0.46 | 305    |
| 93C-44  | 201       | 229 | 15     | < 0.2  | 1.31 | 8      | 340    | < 0.5  | < 2    | 0.40 | < 0.5  | 7      | 25     | 25     | 2.20 | < 10   | < 1    | 0.06 | 20     | 0.43 | 260    |
| 93C-45  | 201       | 229 | < 5    | < 0.2  | 1.35 | 6      | 350    | < 0.5  | < 2    | 0.51 | < 0.5  | 7      | 27     | 23     | 2.17 | < 10   | < 1    | 0.04 | 20     | 0.49 | 245    |
| 93C-46  | 201       | 229 | 10     | < 0.2  | 1.69 | 8      | 410    | < 0.5  | < 2    | 0.56 | < 0.5  | 8      | 30     | 27     | 2.49 | < 10   | < 1    | 0.07 | 20     | 0.54 | 220    |
| 93C-47  | 201       | 229 | < 5    | < 0.2  | 1.95 | 12     | 450    | < 0.5  | < 2    | 0.57 | < 0.5  | 8      | 39     | 28     | 2.82 | < 10   | < 1    | 0.08 | 20     | 0.68 | 245    |
| 93C-48  | 201       | 229 | < 5    | < 0.2  | 1.70 | 6      | 450    | < 0.5  | < 2    | 0.56 | < 0.5  | 8      | 34     | 28     | 2.66 | < 10   | < 1    | 0.07 | 20     | 0.61 | 265    |
| 93C-49  | 201       | 229 | < 5    | < 0.2  | 0.98 | 8      | 230    | < 0.5  | < 2    | 0.44 | < 0.5  | 5      | 23     | 19     | 1.95 | < 10   | < 1    | 0.07 | 20     | 0.42 | 195    |
| 93C-50  | 201       | 229 | < 5    | < 0.2  | 1.69 | 6      | 450    | < 0.5  | < 2    | 0.59 | < 0.5  | 8      | 35     | 29     | 2.63 | < 10   | < 1    | 0.06 | 20     | 0.74 | 280    |
| 93C-51  | 201       | 229 | < 5    | < 0.2  | 1.35 | 12     | 340    | < 0.5  | < 2    | 0.50 | < 0.5  | 7      | 29     | 27     | 2.39 | < 10   | < 1    | 0.06 | 20     | 0.68 | 230    |
| 93C-52  | 201       | 229 | < 5    | < 0.2  | 1.60 | 6      | 380    | < 0.5  | < 2    | 0.48 | < 0.5  | 7      | 30     | 26     | 2.36 | < 10   | < 1    | 0.04 | 20     | 0.81 | 210    |
| 93C-53  | 201       | 229 | < 5    | < 0.2  | 1.99 | 4      | 400    | < 0.5  | < 2    | 0.41 | < 0.5  | 9      | 33     | 30     | 2.49 | < 10   | < 1    | 0.08 | 30     | 0.43 | 285    |
| 93C-54  | 201       | 229 | < 5    | < 0.2  | 2.20 | 12     | 410    | < 0.5  | < 2    | 0.61 | < 0.5  | 10     | 52     | 39     | 3.05 | < 10   | < 1    | 0.07 | 20     | 1.20 | 285    |
| 93C-55  | 201       | 229 | < 5    | < 0.2  | 1.69 | < 2    | 280    | < 0.5  | < 2    | 0.34 | < 0.5  | 6      | 37     | 29     | 2.36 | < 10   | < 1    | 0.08 | 40     | 1.05 | 240    |
| 93C-56  | 201       | 229 | < 5    | < 0.2  | 1.80 | 6      | 320    | < 0.5  | < 2    | 0.46 | < 0.5  | 7      | 32     | 30     | 2.57 | < 10   | < 1    | 0.09 | 20     | 1.00 | 230    |
| 93C-59  | 201       | 229 | < 5    | < 0.2  | 1.54 | 2      | 270    | < 0.5  | < 2    | 0.44 | < 0.5  | 10     | 36     | 21     | 2.36 | < 10   | < 1    | 0.04 | 10     | 0.92 | 380    |
| 93C-60  | 201       | 229 | < 5    | < 0.2  | 2.19 | 6      | 250    | < 0.5  | < 2    | 0.47 | < 0.5  | 12     | 45     | 40     | 2.92 | < 10   | < 1    | 0.03 | 10     | 1.51 | 350    |
| 93C-61  | 201       | 229 | < 5    | < 0.2  | 1.74 | 6      | 400    | < 0.5  | < 2    | 0.29 | < 0.5  | 9      | 36     | 25     | 2.89 | < 10   | < 1    | 0.05 | 20     | 0.70 | 220    |
| 93C-62  | 201       | 229 | < 5    | < 0.2  | 1.87 | 8      | 460    | < 0.5  | < 2    | 0.39 | < 0.5  | 10     | 36     | 29     | 2.81 | < 10   | < 1    | 0.06 | 20     | 0.79 | 330    |
| 93C-63  | 201       | 229 | < 5    | < 0.2  | 1.69 | 4      | 280    | < 0.5  | < 2    | 0.41 | < 0.5  | 10     | 29     | 29     | 2.52 | < 10   | < 1    | 0.04 | 20     | 0.89 | 280    |
| 93C-64  | 201       | 229 | < 5    | < 0.2  | 2.05 | 2      | 500    | < 0.5  | < 2    | 0.43 | < 0.5  | 12     | 31     | 34     | 2.95 | < 10   | < 1    | 0.06 | 20     | 0.95 | 485    |
| 93C-65  | 201       | 229 | < 5    | < 0.2  | 1.92 | < 2    | 110    | < 0.5  | < 2    | 0.53 | < 0.5  | 13     | 15     | 53     | 2.70 | < 10   | < 1    | 0.06 | 10     | 1.30 | 460    |
| 93C-66  | 201       | 229 | < 5    | < 0.2  | 2.15 | 8      | 390    | < 0.5  | < 2    | 0.47 | < 0.5  | 14     | 28     | 47     | 3.22 | < 10   | < 1    | 0.07 | 10     | 1.20 | 450    |
| 93C-67  | 201       | 229 | 50     | < 0.2  | 1.62 | 8      | 360    | < 0.5  | < 2    | 0.39 | < 0.5  | 9      | 28     | 27     | 2.57 | < 10   | < 1    | 0.04 | 20     | 0.83 | 250    |
| 93C-68  | 201       | 229 | < 5    | < 0.2  | 1.71 | 6      | 310    | < 0.5  | < 2    | 0.55 | < 0.5  | 10     | 32     | 34     | 2.73 | < 10   | < 1    | 0.06 | 20     | 0.86 | 320    |
| 93C-69  | 201       | 229 | 15     | < 0.2  | 2.32 | 12     | 390    | < 0.5  | < 2    | 0.43 | < 0.5  | 12     | 53     | 35     | 3.60 | < 10   | < 1    | 0.06 | 20     | 1.22 | 325    |
| 93C-71  | 201       | 229 | < 5    | < 0.2  | 1.91 | < 2    | 420    | < 0.5  | < 2    | 0.47 | < 0.5  | 9      | 38     | 34     | 2.80 | < 10   | < 1    | 0.06 | 20     | 1.01 | 280    |
| 93C-73  | 201       | 229 | < 5    | < 0.2  | 1.89 | 12     | 500    | < 0.5  | < 2    | 0.62 | < 0.5  | 13     | 41     | 35     | 2.98 | < 10   | < 1    | 0.09 | 20     | 0.80 | 315    |
| 93C-74  | 201       | 229 | < 5    | < 0.2  | 1.25 | 6      | 340    | < 0.5  | < 2    | 0.39 | < 0.5  | 8      | 29     | 30     | 2.38 | < 10   | < 1    | 0.06 | 10     | 0.63 | 225    |
| 93C-75  | 201       | 229 | < 5    | < 0.2  | 1.91 | 8      | 440    | < 0.5  | < 2    | 0.48 | < 0.5  | 9      | 38     | 34     | 3.02 | < 10   | < 1    | 0.10 | 20     | 0.95 | 260    |
| 93C-76  | 201       | 229 | < 5    | < 0.2  | 1.48 | 2      | 260    | < 0.5  | < 2    | 0.38 | < 0.5  | 8      | 36     | 27     | 2.36 | < 10   | < 1    | 0.07 | 10     | 0.87 | 220    |
| 93C-77  | 201       | 229 | < 5    | < 0.2  | 1.58 | 6      | 280    | < 0.5  | < 2    | 0.41 | < 0.5  | 9      | 38     | 32     | 2.57 | < 10   | < 1    | 0.05 | 10     | 0.99 | 260    |
| 93C-78  | 201       | 229 | < 5    | < 0.2  | 1.57 | 8      | 370    | < 0.5  | < 2    | 0.55 | < 0.5  | 9      | 41     | 30     | 2.62 | < 10   | < 1    | 0.04 | 10     | 0.85 | 220    |
| 93C-79  | 201       | 229 | < 5    | < 0.2  | 1.45 | 6      | 320    | < 0.5  | < 2    | 0.35 | < 0.5  | 9      | 40     | 24     | 2.57 | < 10   | < 1    | 0.08 | 10     | 0.96 | 250    |
| 93C-133 | 201       | 229 | < 5    | < 0.2  | 1.68 | 8      | 330    | < 0.5  | < 2    | 0.28 | < 0.5  | 11     | 34     | 21     | 2.88 | < 10   | < 1    | 0.20 | 20     | 0.60 | 610    |

CERTIFICATION:

*Hart Buchler*



# Chemex Labs Ltd.

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## CERTIFICATE OF ANALYSIS

### A9324696

| SAMPLE  | PREP CODE |     | Mo  | Na     | Ni  | P   | Pb  | Sb  | Sc  | Sr  | Ti   | Tl   | U    | V   | W    | Zn  |
|---------|-----------|-----|-----|--------|-----|-----|-----|-----|-----|-----|------|------|------|-----|------|-----|
|         |           |     | ppm | %      | ppm | ppm | ppm | ppm | ppm | ppm | %    | ppm  | ppm  | ppm | ppm  | ppm |
| 93C-37  | 201       | 229 | < 1 | 0.01   | 23  | 680 | 6   | < 2 | 4   | 31  | 0.06 | < 10 | < 10 | 40  | < 10 | 70  |
| 93C-38  | 201       | 229 | < 1 | 0.01   | 22  | 700 | 12  | 2   | 5   | 42  | 0.08 | < 10 | < 10 | 44  | < 10 | 62  |
| 93C-39  | 201       | 229 | < 1 | 0.01   | 19  | 660 | 10  | < 2 | 4   | 30  | 0.07 | < 10 | < 10 | 39  | < 10 | 54  |
| 93C-40  | 201       | 229 | < 1 | 0.01   | 20  | 660 | 8   | < 2 | 4   | 32  | 0.07 | < 10 | < 10 | 40  | < 10 | 56  |
| 93C-41  | 201       | 229 | < 1 | 0.01   | 20  | 670 | 10  | < 2 | 4   | 36  | 0.06 | < 10 | < 10 | 39  | < 10 | 50  |
| 93C-42  | 201       | 229 | < 1 | < 0.01 | 16  | 520 | 8   | < 2 | 4   | 26  | 0.06 | < 10 | < 10 | 34  | < 10 | 50  |
| 93C-43  | 201       | 229 | < 1 | 0.01   | 23  | 600 | 8   | < 2 | 4   | 29  | 0.06 | < 10 | < 10 | 41  | < 10 | 62  |
| 93C-44  | 201       | 229 | < 1 | 0.01   | 18  | 530 | 10  | < 2 | 4   | 24  | 0.06 | < 10 | < 10 | 39  | < 10 | 60  |
| 93C-45  | 201       | 229 | < 1 | < 0.01 | 15  | 630 | 6   | < 2 | 4   | 31  | 0.07 | < 10 | < 10 | 39  | < 10 | 54  |
| 93C-46  | 201       | 229 | < 1 | 0.01   | 19  | 580 | 8   | < 2 | 6   | 33  | 0.08 | < 10 | < 10 | 47  | < 10 | 64  |
| 93C-47  | 201       | 229 | < 1 | 0.01   | 21  | 490 | 10  | < 2 | 7   | 34  | 0.08 | < 10 | < 10 | 52  | < 10 | 76  |
| 93C-48  | 201       | 229 | < 1 | 0.01   | 21  | 610 | 12  | < 2 | 6   | 35  | 0.09 | < 10 | < 10 | 47  | < 10 | 72  |
| 93C-49  | 201       | 229 | < 1 | 0.01   | 17  | 760 | 6   | < 2 | 3   | 29  | 0.07 | < 10 | < 10 | 38  | < 10 | 54  |
| 93C-50  | 201       | 229 | < 1 | 0.01   | 21  | 640 | 8   | < 2 | 6   | 38  | 0.08 | < 10 | < 10 | 47  | < 10 | 78  |
| 93C-51  | 201       | 229 | < 1 | 0.01   | 21  | 660 | 4   | < 2 | 4   | 28  | 0.08 | < 10 | < 10 | 43  | < 10 | 70  |
| 93C-52  | 201       | 229 | < 1 | < 0.01 | 17  | 490 | 8   | < 2 | 4   | 24  | 0.06 | < 10 | < 10 | 42  | < 10 | 70  |
| 93C-53  | 201       | 229 | < 1 | 0.01   | 22  | 410 | 12  | < 2 | 8   | 26  | 0.07 | < 10 | < 10 | 47  | < 10 | 62  |
| 93C-54  | 201       | 229 | < 1 | < 0.01 | 21  | 630 | 16  | < 2 | 7   | 36  | 0.07 | < 10 | < 10 | 52  | < 10 | 92  |
| 93C-55  | 201       | 229 | < 1 | < 0.01 | 14  | 400 | 18  | < 2 | 5   | 23  | 0.04 | < 10 | < 10 | 30  | < 10 | 96  |
| 93C-56  | 201       | 229 | < 1 | < 0.01 | 18  | 550 | 6   | < 2 | 6   | 32  | 0.08 | < 10 | < 10 | 41  | < 10 | 86  |
| 93C-59  | 201       | 229 | < 1 | < 0.01 | 16  | 610 | 10  | < 2 | 4   | 22  | 0.08 | < 10 | < 10 | 36  | < 10 | 80  |
| 93C-60  | 201       | 229 | < 1 | < 0.01 | 24  | 540 | < 2 | < 2 | 4   | 21  | 0.11 | < 10 | < 10 | 51  | < 10 | 80  |
| 93C-61  | 201       | 229 | < 1 | < 0.01 | 15  | 310 | 14  | < 2 | 6   | 21  | 0.06 | < 10 | < 10 | 47  | < 10 | 84  |
| 93C-62  | 201       | 229 | < 1 | < 0.01 | 16  | 490 | 12  | < 2 | 6   | 26  | 0.07 | < 10 | < 10 | 48  | < 10 | 82  |
| 93C-63  | 201       | 229 | < 1 | < 0.01 | 15  | 420 | 4   | < 2 | 4   | 21  | 0.10 | < 10 | < 10 | 47  | < 10 | 68  |
| 93C-64  | 201       | 229 | < 1 | < 0.01 | 17  | 470 | 6   | < 2 | 6   | 29  | 0.08 | < 10 | < 10 | 58  | < 10 | 78  |
| 93C-65  | 201       | 229 | < 1 | < 0.01 | 14  | 630 | < 2 | < 2 | 4   | 25  | 0.11 | < 10 | < 10 | 53  | < 10 | 72  |
| 93C-66  | 201       | 229 | < 1 | < 0.01 | 23  | 590 | 2   | 2   | 5   | 29  | 0.07 | < 10 | < 10 | 61  | < 10 | 80  |
| 93C-67  | 201       | 229 | < 1 | < 0.01 | 15  | 370 | 4   | < 2 | 4   | 25  | 0.10 | < 10 | < 10 | 49  | < 10 | 64  |
| 93C-68  | 201       | 229 | < 1 | 0.01   | 19  | 570 | 4   | < 2 | 5   | 29  | 0.11 | < 10 | < 10 | 53  | < 10 | 72  |
| 93C-69  | 201       | 229 | < 1 | < 0.01 | 26  | 580 | 2   | < 2 | 7   | 25  | 0.13 | < 10 | < 10 | 69  | 10   | 86  |
| 93C-71  | 201       | 229 | < 1 | < 0.01 | 21  | 490 | 4   | < 2 | 7   | 25  | 0.12 | < 10 | < 10 | 54  | < 10 | 80  |
| 93C-73  | 201       | 229 | < 1 | 0.01   | 24  | 560 | 6   | < 2 | 7   | 29  | 0.12 | < 10 | < 10 | 56  | < 10 | 78  |
| 93C-74  | 201       | 229 | < 1 | < 0.01 | 18  | 530 | 6   | < 2 | 4   | 20  | 0.06 | < 10 | < 10 | 43  | < 10 | 64  |
| 93C-75  | 201       | 229 | < 1 | < 0.01 | 21  | 550 | 6   | < 2 | 6   | 33  | 0.08 | < 10 | < 10 | 54  | < 10 | 76  |
| 93C-76  | 201       | 229 | < 1 | 0.01   | 16  | 510 | 2   | < 2 | 4   | 22  | 0.10 | < 10 | < 10 | 47  | < 10 | 62  |
| 93C-77  | 201       | 229 | < 1 | < 0.01 | 18  | 520 | < 2 | < 2 | 6   | 22  | 0.10 | < 10 | < 10 | 51  | < 10 | 62  |
| 93C-78  | 201       | 229 | < 1 | 0.01   | 20  | 580 | < 2 | 2   | 5   | 24  | 0.09 | < 10 | < 10 | 50  | < 10 | 62  |
| 93C-79  | 201       | 229 | < 1 | < 0.01 | 18  | 570 | 2   | < 2 | 4   | 19  | 0.08 | < 10 | < 10 | 46  | < 10 | 64  |
| 93C-133 | 201       | 229 | < 1 | < 0.01 | 18  | 690 | 6   | < 2 | 5   | 17  | 0.09 | < 10 | < 10 | 47  | < 10 | 62  |

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Page Number : 3-A  
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 Account : FGF

Project : DAWSON 5  
 Comments : ATTN: JIM CHRISTIE

## CERTIFICATE OF ANALYSIS

### A9324696

| SAMPLE  | PREP CODE | Au ppb<br>FA+AA | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K %  | La ppm | Mg % | Mn ppm |
|---------|-----------|-----------------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| 93C-134 | 201 229   | < 5             | 0.2    | 1.79 | 10     | 250    | < 0.5  | < 2    | 0.31 | < 0.5  | 8      | 35     | 22     | 2.92 | < 10   | < 1    | 0.17 | 20     | 0.56 | 240    |
| 93C-135 | 201 229   | < 5             | < 0.2  | 1.79 | 12     | 230    | < 0.5  | < 2    | 0.22 | < 0.5  | 8      | 31     | 17     | 2.66 | < 10   | < 1    | 0.09 | 10     | 0.44 | 245    |
| 93C-136 | 201 229   | 25              | 0.2    | 2.04 | 18     | 320    | < 0.5  | < 2    | 0.22 | < 0.5  | 9      | 69     | 22     | 3.34 | < 10   | < 1    | 0.50 | 10     | 1.03 | 405    |
| 93C-137 | 201 229   | < 5             | < 0.2  | 1.48 | 8      | 370    | < 0.5  | < 2    | 0.33 | < 0.5  | 9      | 27     | 14     | 2.61 | < 10   | < 1    | 0.26 | 30     | 0.46 | 380    |
| 93C-138 | 201 229   | < 5             | < 0.2  | 1.95 | 14     | 300    | < 0.5  | < 2    | 0.37 | < 0.5  | 11     | 38     | 26     | 3.24 | 10     | < 1    | 0.44 | 30     | 0.68 | 425    |
| 93C-139 | 201 229   | < 5             | < 0.2  | 1.55 | 8      | 230    | < 0.5  | < 2    | 0.24 | < 0.5  | 10     | 31     | 18     | 2.63 | < 10   | < 1    | 0.22 | 20     | 0.50 | 320    |
| 93C-140 | 201 229   | < 5             | < 0.2  | 1.87 | 12     | 410    | < 0.5  | < 2    | 0.74 | < 0.5  | 11     | 37     | 32     | 3.05 | < 10   | < 1    | 0.20 | 30     | 0.68 | 420    |
| 93C-141 | 201 229   | < 5             | < 0.2  | 2.52 | 10     | 250    | < 0.5  | < 2    | 0.23 | < 0.5  | 10     | 44     | 25     | 3.44 | 10     | < 1    | 0.30 | 30     | 0.67 | 250    |
| 93C-142 | 201 229   | < 5             | 0.2    | 2.55 | 8      | 260    | < 0.5  | < 2    | 0.27 | < 0.5  | 11     | 53     | 33     | 3.67 | 10     | < 1    | 0.46 | 40     | 0.81 | 330    |
| 93C-143 | 201 229   | < 5             | < 0.2  | 2.55 | 14     | 250    | < 0.5  | < 2    | 0.17 | < 0.5  | 12     | 44     | 21     | 3.89 | 10     | < 1    | 0.98 | 20     | 0.86 | 345    |
| 93C-144 | 201 229   | < 5             | 0.2    | 1.73 | 8      | 210    | < 0.5  | < 2    | 0.28 | < 0.5  | 9      | 35     | 21     | 2.69 | < 10   | < 1    | 0.14 | 30     | 0.58 | 215    |
| 93C-145 | 201 229   | < 5             | < 0.2  | 2.20 | 6      | 250    | < 0.5  | < 2    | 0.22 | < 0.5  | 12     | 40     | 21     | 3.37 | < 10   | < 1    | 0.51 | 20     | 0.71 | 360    |
| 93C-146 | 201 229   | < 5             | 0.2    | 2.30 | 10     | 270    | < 0.5  | < 2    | 0.26 | < 0.5  | 14     | 40     | 22     | 3.81 | < 10   | < 1    | 0.43 | 30     | 0.70 | 610    |
| 93C-147 | 201 229   | < 5             | < 0.2  | 3.58 | 28     | 210    | < 0.5  | < 2    | 0.14 | < 0.5  | 14     | 72     | 33     | 5.36 | 10     | < 1    | 1.11 | 20     | 1.22 | 450    |
| 93C-148 | 201 229   | < 5             | < 0.2  | 1.89 | 8      | 230    | < 0.5  | < 2    | 0.17 | < 0.5  | 10     | 34     | 12     | 2.87 | < 10   | < 1    | 0.12 | 10     | 0.49 | 225    |
| 93C-149 | 201 229   | < 5             | < 0.2  | 2.31 | 12     | 260    | < 0.5  | < 2    | 0.18 | < 0.5  | 11     | 41     | 19     | 3.21 | < 10   | < 1    | 0.09 | 10     | 0.55 | 295    |
| 93C-150 | 201 229   | < 5             | 0.2    | 1.62 | 2      | 270    | < 0.5  | < 2    | 0.39 | < 0.5  | 8      | 34     | 21     | 2.64 | < 10   | < 1    | 0.14 | 30     | 0.58 | 285    |
| 93C-151 | 201 229   | < 5             | < 0.2  | 2.46 | 16     | 260    | < 0.5  | < 2    | 0.28 | < 0.5  | 11     | 42     | 29     | 3.76 | 10     | < 1    | 0.28 | 40     | 0.74 | 320    |
| 93C-152 | 201 229   | < 5             | < 0.2  | 1.83 | 4      | 320    | < 0.5  | < 2    | 0.39 | < 0.5  | 9      | 39     | 24     | 2.73 | < 10   | < 1    | 0.09 | 20     | 0.60 | 255    |
| 93C-153 | 201 229   | < 5             | < 0.2  | 2.24 | 6      | 210    | < 0.5  | < 2    | 0.26 | < 0.5  | 10     | 42     | 21     | 3.13 | 10     | < 1    | 0.38 | 20     | 0.73 | 315    |
| 93C-154 | 201 229   | < 5             | < 0.2  | 2.52 | 4      | 250    | < 0.5  | < 2    | 0.40 | < 0.5  | 11     | 52     | 19     | 3.31 | 10     | < 1    | 0.49 | 20     | 0.84 | 330    |
| 93C-155 | 201 229   | < 5             | < 0.2  | 2.01 | 8      | 220    | < 0.5  | 2      | 0.27 | < 0.5  | 8      | 35     | 13     | 2.92 | < 10   | < 1    | 0.32 | 10     | 0.56 | 235    |
| 93C-156 | 201 229   | < 5             | < 0.2  | 1.88 | 8      | 250    | < 0.5  | < 2    | 0.33 | < 0.5  | 10     | 34     | 17     | 2.94 | < 10   | < 1    | 0.26 | 20     | 0.54 | 670    |
| 93C-157 | 201 229   | < 5             | < 0.2  | 2.02 | 10     | 250    | 0.5    | < 2    | 0.65 | < 0.5  | 11     | 37     | 34     | 3.34 | 10     | < 1    | 0.33 | 60     | 0.63 | 350    |
| 93C-158 | 201 229   | 5               | < 0.2  | 2.18 | 6      | 230    | < 0.5  | < 2    | 0.17 | < 0.5  | 10     | 35     | 15     | 3.13 | < 10   | < 1    | 0.18 | 10     | 0.57 | 255    |
| 93C-159 | 201 229   | < 5             | < 0.2  | 2.09 | < 2    | 290    | < 0.5  | < 2    | 0.14 | < 0.5  | 9      | 37     | 27     | 3.76 | < 10   | < 1    | 0.32 | 20     | 0.58 | 230    |
| 93C-160 | 201 229   | < 5             | 0.2    | 3.24 | 6      | 320    | < 0.5  | < 2    | 0.04 | < 0.5  | 13     | 78     | 49     | 4.66 | 10     | < 1    | 0.73 | 20     | 1.18 | 345    |
| 93C-161 | 201 229   | < 5             | < 0.2  | 2.06 | 12     | 580    | < 0.5  | < 2    | 0.16 | < 0.5  | 21     | 37     | 17     | 3.52 | < 10   | < 1    | 0.22 | 20     | 0.54 | 1150   |
| 93C-162 | 201 229   | 50              | < 0.2  | 2.67 | 4      | 350    | 0.5    | < 2    | 0.23 | < 0.5  | 15     | 46     | 54     | 4.00 | 10     | < 1    | 0.36 | 50     | 0.84 | 315    |
| 93C-163 | 201 229   | < 5             | < 0.2  | 2.30 | 8      | 330    | < 0.5  | < 2    | 0.21 | < 0.5  | 9      | 48     | 38     | 3.96 | 10     | < 1    | 0.61 | 70     | 0.72 | 330    |
| 93C-164 | 201 229   | < 5             | < 0.2  | 2.64 | 6      | 300    | 0.5    | < 2    | 0.25 | < 0.5  | 11     | 46     | 31     | 3.90 | 10     | < 1    | 0.65 | 50     | 0.79 | 285    |
| 93C-165 | 201 229   | < 5             | < 0.2  | 2.29 | 4      | 460    | < 0.5  | < 2    | 0.28 | < 0.5  | 12     | 47     | 33     | 3.44 | 10     | < 1    | 0.53 | 60     | 0.77 | 355    |
| 93C-166 | 201 229   | < 5             | < 0.2  | 2.63 | < 2    | 390    | < 0.5  | < 2    | 0.29 | < 0.5  | 13     | 46     | 25     | 3.83 | 10     | < 1    | 0.43 | 20     | 0.78 | 445    |
| 93C-167 | 201 229   | < 5             | < 0.2  | 2.27 | 2      | 390    | < 0.5  | < 2    | 0.56 | < 0.5  | 13     | 38     | 25     | 3.17 | 10     | < 1    | 0.28 | 40     | 0.75 | 670    |
| 93C-168 | 201 229   | < 5             | 0.2    | 1.78 | 18     | 250    | 0.5    | < 2    | 4.30 | < 0.5  | 9      | 38     | 43     | 1.89 | < 10   | < 1    | 0.12 | 40     | 0.82 | 535    |
| 93C-169 | 201 229   | < 5             | < 0.2  | 0.97 | 56X    | 170    | 0.5    | < 2    | 5.14 | < 0.5  | 8      | 18     | 32     | 1.89 | < 10   | < 1    | 0.09 | 10     | 0.27 | 810    |
| 93C-170 | 201 229   | 70              | < 0.2  | 2.07 | 2      | 200    | < 0.5  | < 2    | 0.13 | < 0.5  | 7      | 23     | 20     | 3.81 | 10     | < 1    | 0.51 | 20     | 0.56 | 570    |
| 93C-171 | 201 229   | < 5             | < 0.2  | 1.72 | 6      | 230    | < 0.5  | 2      | 0.23 | < 0.5  | 8      | 33     | 23     | 2.85 | 10     | < 1    | 0.11 | 20     | 0.54 | 255    |
| 93C-172 | 201 229   | < 5             | < 0.2  | 1.76 | 6      | 390    | < 0.5  | < 2    | 0.30 | < 0.5  | 8      | 33     | 21     | 2.88 | 10     | < 1    | 0.10 | 20     | 0.51 | 320    |
| 93C-173 | 201 229   | < 5             | < 0.2  | 1.50 | < 2    | 200    | < 0.5  | < 2    | 0.21 | < 0.5  | 7      | 29     | 20     | 2.40 | < 10   | < 1    | 0.06 | 10     | 0.47 | 190    |

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 P.O. Number :  
 Account : FGF

Project : DAWSON 5  
 Comments: ATTN: JIM CHRISTIE

## CERTIFICATE OF ANALYSIS A9324696

| SAMPLE  | PREP CODE |     | Mo  | Na     | Ni  | P   | Pb  | Sb  | Sc  | Sr  | Ti     | Tl   | U    | V   | W    | Zn  |
|---------|-----------|-----|-----|--------|-----|-----|-----|-----|-----|-----|--------|------|------|-----|------|-----|
|         |           |     | ppm | %      | ppm | ppm | ppm | ppm | ppm | ppm | %      | ppm  | ppm  | ppm | ppm  | ppm |
| 93C-134 | 201       | 229 | < 1 | < 0.01 | 23  | 510 | 6   | < 2 | 4   | 19  | 0.10   | < 10 | < 10 | 60  | < 10 | 64  |
| 93C-135 | 201       | 229 | < 1 | < 0.01 | 16  | 440 | 8   | < 2 | 4   | 18  | 0.09   | < 10 | < 10 | 59  | < 10 | 52  |
| 93C-136 | 201       | 229 | < 1 | < 0.01 | 24  | 400 | 26  | < 2 | 9   | 10  | 0.07   | < 10 | < 10 | 62  | < 10 | 202 |
| 93C-137 | 201       | 229 | < 1 | < 0.01 | 18  | 640 | 8   | < 2 | 4   | 17  | 0.09   | < 10 | < 10 | 40  | < 10 | 72  |
| 93C-138 | 201       | 229 | < 1 | 0.01   | 25  | 590 | 8   | 2   | 6   | 22  | 0.13   | < 10 | < 10 | 48  | < 10 | 76  |
| 93C-139 | 201       | 229 | < 1 | < 0.01 | 19  | 380 | 6   | < 2 | 4   | 16  | 0.12   | < 10 | < 10 | 43  | < 10 | 48  |
| 93C-140 | 201       | 229 | < 1 | 0.02   | 27  | 520 | 8   | < 2 | 6   | 35  | 0.13   | < 10 | < 10 | 55  | < 10 | 70  |
| 93C-141 | 201       | 229 | < 1 | 0.01   | 25  | 120 | 4   | < 2 | 7   | 22  | 0.15   | < 10 | < 10 | 59  | < 10 | 64  |
| 93C-142 | 201       | 229 | < 1 | 0.01   | 30  | 160 | 6   | < 2 | 8   | 21  | 0.20   | < 10 | < 10 | 64  | < 10 | 74  |
| 93C-143 | 201       | 229 | < 1 | 0.01   | 25  | 110 | 4   | < 2 | 6   | 15  | 0.24   | < 10 | < 10 | 53  | < 10 | 72  |
| 93C-144 | 201       | 229 | < 1 | 0.01   | 21  | 200 | 6   | < 2 | 6   | 22  | 0.12   | < 10 | < 10 | 53  | < 10 | 54  |
| 93C-145 | 201       | 229 | < 1 | 0.01   | 25  | 110 | 6   | < 2 | 6   | 19  | 0.19   | < 10 | < 10 | 55  | < 10 | 64  |
| 93C-146 | 201       | 229 | < 1 | < 0.01 | 23  | 360 | 12  | < 2 | 6   | 18  | 0.13   | < 10 | < 10 | 56  | < 10 | 72  |
| 93C-147 | 201       | 229 | < 1 | < 0.01 | 35  | 240 | 4   | 2   | 10  | 17  | 0.28   | < 10 | < 10 | 73  | 10   | 106 |
| 93C-148 | 201       | 229 | < 1 | < 0.01 | 20  | 220 | 8   | < 2 | 3   | 17  | 0.09   | < 10 | < 10 | 56  | < 10 | 64  |
| 93C-149 | 201       | 229 | < 1 | < 0.01 | 23  | 150 | 6   | < 2 | 4   | 15  | 0.08   | < 10 | < 10 | 58  | < 10 | 60  |
| 93C-150 | 201       | 229 | < 1 | 0.01   | 20  | 470 | 4   | < 2 | 5   | 25  | 0.10   | < 10 | < 10 | 47  | < 10 | 54  |
| 93C-151 | 201       | 229 | < 1 | < 0.01 | 28  | 190 | 8   | < 2 | 6   | 20  | 0.11   | < 10 | < 10 | 51  | < 10 | 66  |
| 93C-152 | 201       | 229 | < 1 | 0.01   | 21  | 280 | 4   | < 2 | 6   | 27  | 0.11   | < 10 | < 10 | 58  | < 10 | 54  |
| 93C-153 | 201       | 229 | < 1 | 0.01   | 23  | 140 | 6   | < 2 | 5   | 17  | 0.19   | < 10 | < 10 | 51  | < 10 | 56  |
| 93C-154 | 201       | 229 | < 1 | 0.01   | 24  | 190 | 2   | < 2 | 8   | 20  | 0.24   | < 10 | < 10 | 53  | < 10 | 58  |
| 93C-155 | 201       | 229 | < 1 | 0.01   | 18  | 160 | 2   | < 2 | 4   | 16  | 0.16   | < 10 | < 10 | 55  | < 10 | 42  |
| 93C-156 | 201       | 229 | < 1 | < 0.01 | 18  | 230 | 8   | < 2 | 4   | 20  | 0.11   | < 10 | < 10 | 47  | < 10 | 50  |
| 93C-157 | 201       | 229 | < 1 | < 0.01 | 26  | 530 | 8   | < 2 | 6   | 26  | 0.08   | < 10 | < 10 | 42  | < 10 | 64  |
| 93C-158 | 201       | 229 | < 1 | < 0.01 | 22  | 160 | 8   | < 2 | 3   | 16  | 0.08   | < 10 | < 10 | 52  | < 10 | 58  |
| 93C-159 | 201       | 229 | < 1 | < 0.01 | 15  | 340 | 68  | < 2 | 4   | 18  | 0.08   | < 10 | < 10 | 51  | < 10 | 102 |
| 93C-160 | 201       | 229 | < 1 | 0.01   | 27  | 340 | 6   | < 2 | 9   | 15  | 0.16   | < 10 | < 10 | 76  | < 10 | 90  |
| 93C-161 | 201       | 229 | < 1 | < 0.01 | 21  | 380 | 8   | < 2 | 4   | 17  | 0.11   | < 10 | < 10 | 65  | < 10 | 60  |
| 93C-162 | 201       | 229 | < 1 | 0.01   | 39  | 150 | 8   | < 2 | 9   | 19  | 0.14   | < 10 | < 10 | 59  | < 10 | 72  |
| 93C-163 | 201       | 229 | < 1 | 0.02   | 23  | 290 | 10  | < 2 | 8   | 24  | 0.15   | < 10 | < 10 | 50  | < 10 | 128 |
| 93C-164 | 201       | 229 | < 1 | < 0.01 | 20  | 160 | 54  | < 2 | 8   | 27  | 0.14   | < 10 | < 10 | 49  | < 10 | 114 |
| 93C-165 | 201       | 229 | < 1 | 0.01   | 20  | 220 | 8   | < 2 | 8   | 33  | 0.17   | < 10 | < 10 | 55  | < 10 | 92  |
| 93C-166 | 201       | 229 | < 1 | 0.01   | 24  | 320 | 6   | < 2 | 7   | 30  | 0.16   | < 10 | < 10 | 60  | < 10 | 78  |
| 93C-167 | 201       | 229 | < 1 | 0.01   | 36  | 410 | 4   | < 2 | 7   | 23  | 0.12   | < 10 | < 10 | 47  | < 10 | 82  |
| 93C-168 | 201       | 229 | < 1 | < 0.01 | 41  | 680 | 8   | < 2 | 8   | 28  | 0.02   | < 10 | < 10 | 33  | < 10 | 90  |
| 93C-169 | 201       | 229 | 2   | < 0.01 | 32  | 630 | 8   | < 2 | 3   | 34  | < 0.01 | < 10 | < 10 | 27  | < 10 | 96  |
| 93C-170 | 201       | 229 | < 1 | < 0.01 | 16  | 610 | 8   | < 2 | 8   | 12  | 0.13   | < 10 | < 10 | 59  | < 10 | 82  |
| 93C-171 | 201       | 229 | < 1 | < 0.01 | 19  | 480 | 6   | < 2 | 4   | 19  | 0.09   | < 10 | < 10 | 56  | < 10 | 80  |
| 93C-172 | 201       | 229 | < 1 | < 0.01 | 20  | 440 | 8   | < 2 | 5   | 21  | 0.08   | < 10 | < 10 | 55  | < 10 | 84  |
| 93C-173 | 201       | 229 | < 1 | < 0.01 | 18  | 390 | 6   | < 2 | 4   | 17  | 0.08   | < 10 | < 10 | 50  | < 10 | 60  |

CERTIFICATION:

*Hart Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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6: GIMLEX ENTERPRISES LTD.  
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 VANCOUVER, BC  
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Page Number : 4-A  
 Total Pages : 6  
 Certificate Date : 20-NOV-93  
 Invoice No. : 19324696  
 P.O. Number :  
 Account : FGF

Project : DAWSON 5  
 Comments : ATTN: JIM CHRISTIE

## CERTIFICATE OF ANALYSIS A9324696

| SAMPLE  | PREP CODE |     | Au ppb | Ag    | Al   | As  | Ba  | Be    | Bi  | Ca   | Cd    | Co  | Cr  | Cu  | Fe   | Ga   | Hg  | K    | La  | Mg   | Mn   |
|---------|-----------|-----|--------|-------|------|-----|-----|-------|-----|------|-------|-----|-----|-----|------|------|-----|------|-----|------|------|
|         |           |     | FA+AA  | ppm   | %    | ppm | ppm | ppm   | ppm | %    | ppm   | ppm | ppm | ppm | %    | ppm  | ppm | %    | ppm | %    | ppm  |
| 93C-174 | 201       | 229 | < 5    | < 0.2 | 1.70 | 4   | 220 | < 0.5 | < 2 | 0.23 | < 0.5 | 8   | 31  | 26  | 2.51 | < 10 | < 1 | 0.05 | 20  | 0.45 | 205  |
| 93C-175 | 201       | 229 | < 5    | < 0.2 | 1.97 | 6   | 260 | < 0.5 | 2   | 0.25 | < 0.5 | 9   | 33  | 30  | 2.73 | 10   | < 1 | 0.06 | 20  | 0.51 | 205  |
| 93C-176 | 201       | 229 | < 5    | < 0.2 | 1.94 | 12  | 230 | < 0.5 | < 2 | 0.21 | < 0.5 | 9   | 33  | 19  | 2.93 | < 10 | < 1 | 0.09 | 10  | 0.53 | 225  |
| 93C-177 | 201       | 229 | < 5    | < 0.2 | 2.07 | 2   | 210 | < 0.5 | < 2 | 0.19 | < 0.5 | 12  | 34  | 15  | 3.34 | 10   | < 1 | 0.48 | 30  | 0.73 | 190  |
| 93C-178 | 201       | 229 | < 5    | < 0.2 | 2.02 | 6   | 230 | < 0.5 | < 2 | 0.15 | < 0.5 | 9   | 33  | 18  | 3.15 | 10   | < 1 | 0.07 | 10  | 0.50 | 195  |
| 93C-179 | 201       | 229 | < 5    | < 0.2 | 1.81 | 6   | 250 | < 0.5 | < 2 | 0.12 | < 0.5 | 8   | 27  | 24  | 2.58 | < 10 | < 1 | 0.04 | 10  | 0.58 | 195  |
| 93C-181 | 201       | 229 | < 5    | < 0.2 | 1.01 | 14  | 240 | 0.5   | < 2 | 0.42 | 0.5   | 20  | 20  | 35  | 1.77 | < 10 | < 1 | 0.03 | 40  | 0.38 | 1245 |
| 93C-182 | 201       | 229 | < 5    | < 0.2 | 1.67 | 16  | 200 | < 0.5 | < 2 | 0.15 | < 0.5 | 9   | 34  | 60  | 4.36 | < 10 | < 1 | 0.11 | 20  | 0.30 | 280  |
| 93C-183 | 201       | 229 | < 5    | 0.6   | 2.06 | 2   | 440 | < 0.5 | < 2 | 0.41 | < 0.5 | 19  | 47  | 42  | 3.09 | 10   | < 1 | 0.09 | 20  | 0.68 | 1085 |
| 93C-184 | 201       | 229 | < 5    | < 0.2 | 1.93 | 8   | 420 | < 0.5 | < 2 | 0.47 | < 0.5 | 7   | 35  | 18  | 2.71 | 10   | < 1 | 0.07 | 20  | 0.63 | 245  |
| 93C-185 | 201       | 229 | < 5    | < 0.2 | 2.24 | 12  | 470 | < 0.5 | < 2 | 0.61 | < 0.5 | 11  | 74  | 33  | 2.94 | 10   | < 1 | 0.18 | 20  | 0.99 | 420  |
| 93C-186 | 201       | 229 | < 5    | < 0.2 | 2.13 | 8   | 380 | < 0.5 | < 2 | 0.49 | < 0.5 | 12  | 52  | 28  | 3.22 | 10   | < 1 | 0.23 | 20  | 0.79 | 365  |
| 93C-187 | 201       | 229 | < 5    | < 0.2 | 1.73 | 8   | 310 | < 0.5 | < 2 | 0.54 | < 0.5 | 8   | 35  | 21  | 2.61 | 10   | < 1 | 0.08 | 20  | 0.52 | 270  |
| 93C-188 | 201       | 229 | < 5    | < 0.2 | 2.03 | 6   | 240 | < 0.5 | < 2 | 0.27 | < 0.5 | 9   | 35  | 18  | 2.92 | 10   | < 1 | 0.07 | 20  | 0.56 | 260  |
| 93C-189 | 201       | 229 | < 5    | 0.4   | 2.53 | 4   | 160 | < 0.5 | 2   | 0.18 | < 0.5 | 11  | 45  | 12  | 3.54 | 10   | < 1 | 0.15 | 10  | 0.64 | 720  |
| 93C-190 | 201       | 229 | < 5    | < 0.2 | 2.05 | 8   | 220 | < 0.5 | < 2 | 0.15 | < 0.5 | 9   | 36  | 18  | 3.01 | 10   | < 1 | 0.09 | 20  | 0.57 | 245  |
| 93C-191 | 201       | 229 | < 5    | < 0.2 | 1.98 | 8   | 180 | < 0.5 | < 2 | 0.17 | < 0.5 | 8   | 37  | 16  | 3.20 | 10   | < 1 | 0.14 | 10  | 0.50 | 260  |
| 93C-192 | 201       | 229 | < 5    | < 0.2 | 1.93 | 14  | 210 | < 0.5 | < 2 | 0.19 | < 0.5 | 9   | 35  | 20  | 2.92 | < 10 | < 1 | 0.06 | 10  | 0.52 | 215  |
| 93C-193 | 201       | 229 | < 5    | < 0.2 | 2.68 | 8   | 250 | < 0.5 | < 2 | 0.14 | < 0.5 | 12  | 46  | 15  | 3.98 | 10   | < 1 | 0.26 | 20  | 0.66 | 410  |
| 93C-194 | 201       | 229 | < 5    | < 0.2 | 1.91 | 6   | 220 | < 0.5 | < 2 | 0.28 | < 0.5 | 15  | 38  | 14  | 3.31 | 10   | < 1 | 0.13 | 20  | 0.52 | 400  |
| 93C-195 | 201       | 229 | < 5    | 0.2   | 2.33 | 10  | 250 | < 0.5 | < 2 | 0.22 | < 0.5 | 13  | 41  | 30  | 3.89 | < 10 | < 1 | 0.25 | 20  | 0.67 | 280  |
| 93C-196 | 201       | 229 | < 5    | 0.2   | 2.31 | 8   | 280 | < 0.5 | < 2 | 0.18 | < 0.5 | 13  | 39  | 18  | 3.36 | < 10 | < 1 | 0.09 | 10  | 0.56 | 360  |
| 93C-197 | 201       | 229 | < 5    | 0.2   | 1.48 | 4   | 140 | < 0.5 | < 2 | 0.16 | < 0.5 | 11  | 32  | 19  | 2.79 | < 10 | < 1 | 0.18 | 20  | 0.50 | 225  |
| 93C-198 | 201       | 229 | < 5    | < 0.2 | 1.64 | 4   | 240 | < 0.5 | < 2 | 0.28 | < 0.5 | 10  | 37  | 34  | 3.08 | < 10 | < 1 | 0.23 | 20  | 0.60 | 340  |
| 93C-199 | 201       | 229 | < 5    | < 0.2 | 1.41 | 4   | 200 | < 0.5 | < 2 | 0.23 | < 0.5 | 7   | 35  | 14  | 2.40 | < 10 | < 1 | 0.11 | 10  | 0.51 | 200  |
| 93C-200 | 201       | 229 | < 5    | 0.4   | 1.69 | < 2 | 330 | < 0.5 | < 2 | 0.22 | < 0.5 | 16  | 38  | 10  | 2.87 | < 10 | < 1 | 0.16 | 10  | 0.38 | 345  |
| 93C-201 | 201       | 229 | < 5    | 0.2   | 2.27 | 2   | 350 | < 0.5 | < 2 | 0.28 | < 0.5 | 11  | 52  | 34  | 3.98 | < 10 | < 1 | 0.26 | 20  | 0.84 | 395  |
| 93C-202 | 201       | 229 | < 5    | < 0.2 | 1.74 | 14  | 330 | < 0.5 | < 2 | 0.24 | < 0.5 | 12  | 42  | 36  | 3.51 | < 10 | < 1 | 0.24 | 20  | 0.57 | 740  |
| 93C-203 | 201       | 229 | < 5    | < 0.2 | 1.37 | 4   | 210 | < 0.5 | < 2 | 0.37 | < 0.5 | 5   | 21  | 13  | 2.67 | < 10 | < 1 | 0.38 | 10  | 0.36 | 240  |
| 93C-204 | 201       | 229 | < 5    | < 0.2 | 1.31 | 6   | 250 | < 0.5 | < 2 | 0.22 | < 0.5 | 9   | 27  | 9   | 2.45 | < 10 | < 1 | 0.11 | 10  | 0.42 | 305  |
| 93C-205 | 201       | 229 | < 5    | < 0.2 | 1.60 | 4   | 440 | < 0.5 | < 2 | 0.29 | < 0.5 | 14  | 29  | 14  | 2.69 | < 10 | < 1 | 0.13 | 10  | 0.48 | 595  |
| 93C-206 | 201       | 229 | < 5    | 0.2   | 1.71 | 4   | 270 | < 0.5 | < 2 | 0.20 | < 0.5 | 11  | 33  | 13  | 3.05 | < 10 | < 1 | 0.20 | 10  | 0.53 | 420  |
| 93C-207 | 201       | 229 | < 5    | < 0.2 | 2.07 | 2   | 370 | < 0.5 | < 2 | 0.26 | < 0.5 | 10  | 39  | 22  | 3.08 | < 10 | < 1 | 0.35 | 20  | 0.59 | 355  |
| 93C-208 | 201       | 229 | < 5    | < 0.2 | 2.13 | 8   | 340 | < 0.5 | < 2 | 0.27 | < 0.5 | 8   | 33  | 11  | 3.13 | < 10 | < 1 | 0.20 | 10  | 0.53 | 255  |
| 93C-209 | 201       | 229 | < 5    | 0.2   | 2.00 | 10  | 280 | < 0.5 | < 2 | 0.14 | < 0.5 | 7   | 29  | 20  | 3.21 | < 10 | < 1 | 0.48 | 10  | 0.62 | 205  |
| 93C-210 | 201       | 229 | 55     | 0.2   | 1.77 | 8   | 270 | < 0.5 | < 2 | 0.19 | < 0.5 | 12  | 32  | 20  | 2.83 | < 10 | < 1 | 0.23 | 10  | 0.47 | 365  |
| 93C-211 | 201       | 229 | < 5    | < 0.2 | 1.53 | 14  | 240 | < 0.5 | < 2 | 0.18 | < 0.5 | 8   | 27  | 18  | 2.66 | < 10 | < 1 | 0.26 | 20  | 0.49 | 265  |
| 93C-212 | 201       | 229 | < 5    | < 0.2 | 1.50 | 6   | 250 | < 0.5 | < 2 | 0.21 | < 0.5 | 6   | 25  | 13  | 2.46 | < 10 | < 1 | 0.23 | 10  | 0.51 | 230  |
| 93C-213 | 201       | 229 | < 5    | 0.2   | 1.79 | 4   | 380 | < 0.5 | < 2 | 0.40 | < 0.5 | 9   | 31  | 26  | 2.99 | 10   | < 1 | 0.21 | 20  | 0.57 | 385  |
| 93C-214 | 201       | 229 | 40     | < 0.2 | 1.65 | 4   | 420 | < 0.5 | < 2 | 0.56 | < 0.5 | 10  | 30  | 31  | 2.88 | 10   | < 1 | 0.14 | 20  | 0.58 | 375  |

CERTIFICATION: *Hart Becker*



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Page Number : 4-B  
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 Certificate Date : 20-NOV-93  
 Invoice No. : I9324696  
 P.O. Number :  
 Account : FGF

Project : DAWSON 5  
 Comments : ATTN: JIM CHRISTIE

## CERTIFICATE OF ANALYSIS

### A9324696

| SAMPLE  | PREP CODE |     | Mo  | Na     | Ni  | P   | Pb  | Sb  | Sc  | Sr  | Ti   | Tl   | U    | V   | W    | Zn  |
|---------|-----------|-----|-----|--------|-----|-----|-----|-----|-----|-----|------|------|------|-----|------|-----|
|         |           |     | ppm | %      | ppm | ppm | ppm | ppm | ppm | ppm | %    | ppm  | ppm  | ppm | ppm  | ppm |
| 93C-174 | 201       | 229 | < 1 | < 0.01 | 19  | 480 | 12  | < 2 | 4   | 17  | 0.08 | < 10 | < 10 | 51  | < 10 | 62  |
| 93C-175 | 201       | 229 | < 1 | < 0.01 | 21  | 460 | 10  | < 2 | 5   | 19  | 0.08 | < 10 | < 10 | 55  | < 10 | 64  |
| 93C-176 | 201       | 229 | < 1 | < 0.01 | 25  | 330 | 10  | < 2 | 3   | 17  | 0.08 | < 10 | < 10 | 56  | < 10 | 54  |
| 93C-177 | 201       | 229 | < 1 | < 0.01 | 23  | 430 | 6   | < 2 | 4   | 14  | 0.12 | < 10 | < 10 | 45  | < 10 | 50  |
| 93C-178 | 201       | 229 | < 1 | < 0.01 | 21  | 200 | 8   | < 2 | 4   | 15  | 0.09 | < 10 | < 10 | 69  | < 10 | 56  |
| 93C-179 | 201       | 229 | < 1 | < 0.01 | 23  | 230 | 12  | < 2 | 2   | 13  | 0.03 | < 10 | < 10 | 44  | < 10 | 66  |
| 93C-181 | 201       | 229 | < 1 | < 0.01 | 74  | 570 | 8   | < 2 | 4   | 9   | 0.01 | < 10 | < 10 | 31  | < 10 | 116 |
| 93C-182 | 201       | 229 | < 1 | 0.01   | 33  | 550 | 8   | < 2 | 3   | 20  | 0.02 | < 10 | < 10 | 69  | < 10 | 66  |
| 93C-183 | 201       | 229 | < 1 | 0.01   | 29  | 230 | 10  | < 2 | 6   | 21  | 0.09 | < 10 | < 10 | 71  | < 10 | 92  |
| 93C-184 | 201       | 229 | < 1 | < 0.01 | 20  | 350 | 6   | < 2 | 4   | 23  | 0.09 | < 10 | < 10 | 61  | < 10 | 64  |
| 93C-185 | 201       | 229 | < 1 | 0.01   | 42  | 440 | 6   | < 2 | 8   | 32  | 0.11 | < 10 | < 10 | 71  | < 10 | 76  |
| 93C-186 | 201       | 229 | < 1 | 0.01   | 28  | 500 | 8   | < 2 | 7   | 28  | 0.13 | < 10 | < 10 | 73  | < 10 | 80  |
| 93C-187 | 201       | 229 | < 1 | 0.01   | 19  | 560 | 8   | < 2 | 4   | 43  | 0.10 | < 10 | < 10 | 59  | < 10 | 56  |
| 93C-188 | 201       | 229 | < 1 | 0.01   | 19  | 540 | 12  | < 2 | 6   | 20  | 0.10 | < 10 | < 10 | 66  | < 10 | 54  |
| 93C-189 | 201       | 229 | < 1 | < 0.01 | 19  | 290 | 10  | < 2 | 6   | 16  | 0.14 | < 10 | < 10 | 73  | < 10 | 52  |
| 93C-190 | 201       | 229 | < 1 | < 0.01 | 23  | 190 | 6   | < 2 | 4   | 13  | 0.11 | < 10 | < 10 | 58  | < 10 | 54  |
| 93C-191 | 201       | 229 | < 1 | < 0.01 | 18  | 280 | 8   | < 2 | 3   | 15  | 0.11 | < 10 | < 10 | 62  | < 10 | 80  |
| 93C-192 | 201       | 229 | < 1 | < 0.01 | 20  | 160 | 6   | < 2 | 4   | 16  | 0.09 | < 10 | < 10 | 60  | < 10 | 52  |
| 93C-193 | 201       | 229 | < 1 | < 0.01 | 23  | 270 | 8   | < 2 | 4   | 12  | 0.13 | < 10 | < 10 | 69  | < 10 | 66  |
| 93C-194 | 201       | 229 | < 1 | < 0.01 | 21  | 290 | 6   | < 2 | 3   | 22  | 0.11 | < 10 | < 10 | 74  | < 10 | 52  |
| 93C-195 | 201       | 229 | < 1 | < 0.01 | 33  | 500 | 8   | < 2 | 4   | 18  | 0.10 | < 10 | < 10 | 76  | < 10 | 68  |
| 93C-196 | 201       | 229 | < 1 | < 0.01 | 26  | 330 | 8   | < 2 | 4   | 17  | 0.08 | < 10 | < 10 | 73  | < 10 | 62  |
| 93C-197 | 201       | 229 | < 1 | < 0.01 | 22  | 260 | 4   | < 2 | 3   | 14  | 0.09 | < 10 | < 10 | 59  | < 10 | 46  |
| 93C-198 | 201       | 229 | < 1 | < 0.01 | 25  | 360 | 6   | < 2 | 4   | 23  | 0.09 | < 10 | < 10 | 59  | < 10 | 56  |
| 93C-199 | 201       | 229 | < 1 | < 0.01 | 18  | 230 | 6   | < 2 | 3   | 19  | 0.09 | < 10 | < 10 | 55  | < 10 | 48  |
| 93C-200 | 201       | 229 | < 1 | < 0.01 | 20  | 320 | 8   | < 2 | 2   | 18  | 0.08 | < 10 | < 10 | 65  | < 10 | 52  |
| 93C-201 | 201       | 229 | < 1 | < 0.01 | 27  | 330 | 12  | < 2 | 4   | 26  | 0.11 | < 10 | < 10 | 91  | < 10 | 68  |
| 93C-202 | 201       | 229 | < 1 | < 0.01 | 25  | 590 | 10  | < 2 | 4   | 21  | 0.08 | < 10 | < 10 | 66  | < 10 | 68  |
| 93C-203 | 201       | 229 | < 1 | < 0.01 | 13  | 770 | 8   | < 2 | 5   | 23  | 0.09 | < 10 | < 10 | 45  | < 10 | 50  |
| 93C-204 | 201       | 229 | < 1 | < 0.01 | 15  | 440 | 6   | < 2 | 2   | 17  | 0.07 | < 10 | < 10 | 53  | < 10 | 48  |
| 93C-205 | 201       | 229 | < 1 | < 0.01 | 20  | 300 | 10  | < 2 | 3   | 22  | 0.08 | < 10 | < 10 | 58  | < 10 | 64  |
| 93C-206 | 201       | 229 | < 1 | < 0.01 | 18  | 460 | 8   | < 2 | 3   | 16  | 0.10 | < 10 | < 10 | 66  | < 10 | 64  |
| 93C-207 | 201       | 229 | < 1 | < 0.01 | 26  | 370 | 8   | < 2 | 4   | 21  | 0.12 | < 10 | < 10 | 62  | < 10 | 74  |
| 93C-208 | 201       | 229 | < 1 | < 0.01 | 18  | 620 | 8   | < 2 | 5   | 24  | 0.11 | < 10 | < 10 | 67  | < 10 | 78  |
| 93C-209 | 201       | 229 | < 1 | < 0.01 | 21  | 280 | 10  | < 2 | 4   | 13  | 0.15 | < 10 | < 10 | 60  | < 10 | 74  |
| 93C-210 | 201       | 229 | < 1 | < 0.01 | 18  | 300 | 8   | < 2 | 3   | 16  | 0.11 | < 10 | < 10 | 65  | < 10 | 60  |
| 93C-211 | 201       | 229 | < 1 | < 0.01 | 15  | 280 | 6   | < 2 | 4   | 15  | 0.10 | < 10 | < 10 | 51  | < 10 | 60  |
| 93C-212 | 201       | 229 | < 1 | < 0.01 | 13  | 320 | 6   | < 2 | 4   | 15  | 0.12 | < 10 | < 10 | 51  | < 10 | 54  |
| 93C-213 | 201       | 229 | < 1 | 0.01   | 20  | 490 | 6   | < 2 | 7   | 25  | 0.11 | < 10 | < 10 | 55  | < 10 | 72  |
| 93C-214 | 201       | 229 | < 1 | 0.01   | 24  | 520 | 8   | < 2 | 6   | 33  | 0.09 | < 10 | < 10 | 53  | < 10 | 70  |

CERTIFICATION:

*Frank Buchler*



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Page Number : 5-A  
 Total Pages : 6  
 Certificate Date : 20-NOV-93  
 Invoice No. : I9324696  
 P.O. Number :  
 Account : FGF

Project : DAWSON 5  
 Comments : ATTN: JIM CHRISTIE

## CERTIFICATE OF ANALYSIS A9324696

| SAMPLE  | PREP CODE |     | Au ppb | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K %  | La ppm | Mg % | Mn ppm |
|---------|-----------|-----|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
|         | FA+AA     |     |        |        |      |        |        |        |        |      |        |        |        |        |      |        |        |      |        |      |        |
| 93C-215 | 201       | 229 | < 5    | < 0.2  | 1.65 | 12     | 420    | < 0.5  | < 2    | 0.66 | < 0.5  | 11     | 34     | 33     | 2.85 | < 10   | < 1    | 0.09 | 20     | 0.56 | 465    |
| 93C-216 | 201       | 229 | 45     | < 0.2  | 1.70 | < 2    | 250    | < 0.5  | < 2    | 0.34 | < 0.5  | 8      | 36     | 19     | 2.55 | < 10   | < 1    | 0.12 | 20     | 0.54 | 230    |
| 93C-217 | 201       | 229 | 5      | < 0.2  | 1.27 | 12     | 280    | < 0.5  | < 2    | 0.38 | < 0.5  | 10     | 32     | 25     | 2.67 | < 10   | < 1    | 0.12 | 20     | 0.44 | 330    |
| 93C-218 | 201       | 229 | 15     | < 0.2  | 2.76 | 6      | 370    | < 0.5  | < 2    | 0.44 | < 0.5  | 17     | 67     | 44     | 4.42 | 10     | < 1    | 0.98 | 30     | 1.09 | 345    |
| 93C-219 | 201       | 229 | < 5    | < 0.2  | 1.68 | 6      | 230    | < 0.5  | < 2    | 0.29 | < 0.5  | 8      | 33     | 15     | 2.64 | < 10   | < 1    | 0.08 | 10     | 0.52 | 185    |
| 93C-220 | 201       | 229 | < 5    | < 0.2  | 1.88 | 12     | 350    | < 0.5  | < 2    | 0.52 | < 0.5  | 10     | 43     | 32     | 2.97 | 10     | < 1    | 0.09 | 20     | 0.58 | 355    |
| 93C-236 | 201       | 229 | < 5    | < 0.2  | 2.21 | 2      | 340    | < 0.5  | < 2    | 0.46 | < 0.5  | 16     | 58     | 63     | 3.25 | < 10   | < 1    | 0.04 | 10     | 1.24 | 310    |
| 93C-238 | 201       | 229 | < 5    | < 0.2  | 2.67 | 4      | 680    | < 0.5  | < 2    | 0.82 | < 0.5  | 15     | 146    | 29     | 3.78 | < 10   | < 1    | 0.27 | 10     | 1.90 | 585    |
| 93C-239 | 201       | 229 | < 5    | < 0.2  | 1.12 | < 2    | 120    | < 0.5  | < 2    | 0.10 | < 0.5  | 3      | 15     | 31     | 1.68 | < 10   | < 1    | 0.06 | 10     | 0.37 | 100    |
| 93C-241 | 201       | 229 | < 5    | < 0.2  | 2.34 | 4      | 360    | < 0.5  | < 2    | 0.36 | < 0.5  | 11     | 41     | 34     | 3.27 | 10     | < 1    | 0.08 | 20     | 1.01 | 305    |
| 93C-242 | 201       | 229 | < 5    | < 0.2  | 2.81 | 2      | 330    | < 0.5  | < 2    | 0.61 | < 0.5  | 15     | 171    | 34     | 4.61 | 10     | < 1    | 0.21 | 20     | 1.77 | 435    |
| 93C-243 | 201       | 229 | < 5    | < 0.2  | 1.74 | 4      | 210    | < 0.5  | < 2    | 0.31 | < 0.5  | 7      | 39     | 28     | 2.58 | < 10   | < 1    | 0.05 | 30     | 0.87 | 220    |
| 93C-244 | 201       | 229 | < 5    | < 0.2  | 1.17 | 2      | 260    | < 0.5  | < 2    | 0.30 | < 0.5  | 3      | 16     | 18     | 1.94 | < 10   | < 1    | 0.07 | 40     | 0.54 | 130    |
| 93C-252 | 201       | 229 | < 5    | < 0.2  | 1.54 | 4      | 280    | < 0.5  | < 2    | 0.41 | < 0.5  | 4      | 18     | 38     | 2.63 | < 10   | < 1    | 0.11 | 10     | 1.04 | 440    |
| 93C-253 | 201       | 229 | < 5    | < 0.2  | 1.61 | 6      | 270    | < 0.5  | < 2    | 0.37 | < 0.5  | 8      | 24     | 39     | 2.98 | < 10   | < 1    | 0.12 | 10     | 1.00 | 550    |
| 93C-254 | 201       | 229 | < 5    | < 0.2  | 1.27 | 4      | 270    | < 0.5  | < 2    | 0.44 | < 0.5  | 9      | 30     | 40     | 2.64 | < 10   | < 1    | 0.09 | 10     | 0.68 | 310    |
| 93C-255 | 201       | 229 | < 5    | < 0.2  | 2.37 | 4      | 660    | 0.5    | < 2    | 0.61 | < 0.5  | 13     | 79     | 43     | 3.40 | < 10   | < 1    | 0.86 | 20     | 1.48 | 635    |
| 93C-256 | 201       | 229 | < 5    | < 0.2  | 1.03 | 8      | 220    | < 0.5  | < 2    | 0.23 | < 0.5  | 5      | 17     | 13     | 1.99 | 10     | < 1    | 0.16 | 50     | 0.34 | 110    |
| 93C-257 | 201       | 229 | < 5    | < 0.2  | 1.29 | 2      | 250    | < 0.5  | < 2    | 0.20 | < 0.5  | 10     | 24     | 20     | 2.20 | 10     | < 1    | 0.15 | 50     | 0.42 | 305    |
| 93C-258 | 201       | 229 | < 5    | < 0.2  | 1.40 | 6      | 280    | < 0.5  | < 2    | 0.28 | < 0.5  | 7      | 31     | 17     | 2.20 | < 10   | < 1    | 0.06 | 20     | 0.56 | 155    |
| 93C-260 | 201       | 229 | 30     | < 0.2  | 2.13 | < 2    | 290    | < 0.5  | < 2    | 0.29 | < 0.5  | 8      | 44     | 27     | 2.95 | < 10   | < 1    | 0.07 | 20     | 0.99 | 240    |
| 93C-261 | 201       | 229 | < 5    | < 0.2  | 1.52 | 6      | 280    | < 0.5  | < 2    | 0.32 | < 0.5  | 6      | 31     | 24     | 2.35 | < 10   | < 1    | 0.06 | 20     | 0.71 | 200    |
| 93C-262 | 201       | 229 | < 5    | < 0.2  | 1.67 | 8      | 310    | < 0.5  | < 2    | 0.35 | < 0.5  | 8      | 36     | 25     | 2.50 | < 10   | < 1    | 0.07 | 20     | 0.74 | 220    |
| 93C-264 | 201       | 229 | < 5    | < 0.2  | 1.76 | 8      | 380    | < 0.5  | < 2    | 0.47 | < 0.5  | 10     | 39     | 34     | 2.91 | < 10   | < 1    | 0.07 | 20     | 0.76 | 335    |
| 93C-265 | 201       | 229 | < 5    | < 0.2  | 2.35 | < 2    | 250    | < 0.5  | < 2    | 0.54 | < 0.5  | 13     | 63     | 40     | 3.46 | < 10   | < 1    | 0.22 | 10     | 1.54 | 495    |
| 93C-267 | 201       | 229 | < 5    | < 0.2  | 1.47 | 2      | 270    | < 0.5  | < 2    | 0.33 | < 0.5  | 8      | 33     | 22     | 2.39 | < 10   | < 1    | 0.07 | 10     | 0.78 | 245    |
| 93C-268 | 201       | 229 | < 5    | < 0.2  | 1.40 | 2      | 310    | < 0.5  | < 2    | 0.23 | < 0.5  | 7      | 29     | 22     | 2.27 | < 10   | < 1    | 0.05 | 20     | 0.54 | 170    |
| 93C-270 | 201       | 229 | < 5    | < 0.2  | 0.81 | < 2    | 160    | < 0.5  | < 2    | 0.10 | < 0.5  | 7      | 18     | 29     | 1.77 | < 10   | < 1    | 0.25 | 20     | 0.32 | 110    |
| 93C-271 | 201       | 229 | < 5    | < 0.2  | 0.41 | < 2    | 90     | < 0.5  | < 2    | 0.06 | < 0.5  | 8      | 10     | 8      | 1.02 | < 10   | < 1    | 0.07 | 30     | 0.09 | 55     |
| 93C-272 | 201       | 229 | < 5    | < 0.2  | 1.35 | 4      | 400    | < 0.5  | < 2    | 0.23 | < 0.5  | 5      | 26     | 21     | 2.05 | < 10   | < 1    | 0.05 | 20     | 0.41 | 125    |
| 93C-273 | 201       | 229 | < 5    | < 0.2  | 1.74 | 12     | 380    | < 0.5  | < 2    | 0.21 | < 0.5  | 10     | 35     | 19     | 2.68 | < 10   | < 1    | 0.04 | 20     | 0.52 | 290    |
| 93C-274 | 201       | 229 | < 5    | < 0.2  | 1.04 | 10     | 150    | < 0.5  | < 2    | 0.13 | < 0.5  | 5      | 12     | 20     | 1.84 | < 10   | < 1    | 0.16 | 30     | 0.35 | 185    |
| 93C-276 | 201       | 229 | < 5    | < 0.2  | 1.72 | 8      | 460    | < 0.5  | < 2    | 0.47 | < 0.5  | 13     | 39     | 33     | 2.87 | < 10   | < 1    | 0.04 | 20     | 0.54 | 410    |
| 93C-277 | 201       | 229 | < 5    | < 0.2  | 1.68 | 4      | 230    | < 0.5  | < 2    | 0.31 | < 0.5  | 10     | 48     | 25     | 2.80 | < 10   | < 1    | 0.04 | 10     | 0.78 | 340    |
| 93C-278 | 201       | 229 | < 5    | < 0.2  | 1.54 | 4      | 270    | < 0.5  | < 2    | 0.28 | < 0.5  | 8      | 36     | 15     | 2.08 | < 10   | < 1    | 0.04 | 10     | 0.62 | 235    |
| 93C-279 | 201       | 229 | < 5    | < 0.2  | 2.11 | 6      | 380    | < 0.5  | < 2    | 0.62 | < 0.5  | 17     | 96     | 36     | 3.21 | < 10   | < 1    | 0.05 | 20     | 1.16 | 475    |
| 93C-280 | 201       | 229 | < 5    | < 0.2  | 1.93 | 4      | 260    | < 0.5  | < 2    | 0.36 | < 0.5  | 9      | 45     | 18     | 2.77 | < 10   | < 1    | 0.03 | 10     | 0.88 | 250    |
| 93C-281 | 201       | 229 | < 5    | < 0.2  | 1.54 | < 2    | 320    | < 0.5  | < 2    | 0.28 | < 0.5  | 8      | 34     | 25     | 2.46 | < 10   | < 1    | 0.05 | 20     | 0.65 | 185    |
| 93C-282 | 201       | 229 | < 5    | < 0.2  | 2.64 | < 2    | 360    | < 0.5  | < 2    | 0.69 | < 0.5  | 16     | 109    | 39     | 4.19 | < 10   | < 1    | 0.07 | 10     | 1.72 | 790    |
| 93C-285 | 201       | 229 | < 5    | < 0.2  | 1.53 | 6      | 180    | < 0.5  | < 2    | 0.31 | < 0.5  | 7      | 21     | 34     | 2.76 | < 10   | < 1    | 0.04 | 30     | 0.87 | 420    |

CERTIFICATION: *Hart Buchler*



# Chemex Labs Ltd.

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Account : FGF

Project : DAWSON 5  
Comments: ATTN: JIM CHRISTIE

## CERTIFICATE OF ANALYSIS

### A9324696

| SAMPLE  | PREP |     | Mo  | Na     | Ni  | P    | Pb  | Sb  | Sc  | Sr  | Ti     | Tl   | U    | V   | W    | Zn  |
|---------|------|-----|-----|--------|-----|------|-----|-----|-----|-----|--------|------|------|-----|------|-----|
|         | CODE |     | ppm | %      | ppm | ppm  | ppm | ppm | ppm | ppm | %      | ppm  | ppm  | ppm | ppm  | ppm |
| 93C-215 | 201  | 229 | < 1 | 0.01   | 28  | 650  | 6   | < 2 | 6   | 36  | 0.09   | < 10 | < 10 | 60  | < 10 | 66  |
| 93C-216 | 201  | 229 | < 1 | 0.01   | 18  | 590  | 8   | < 2 | 4   | 23  | 0.11   | < 10 | < 10 | 57  | < 10 | 62  |
| 93C-217 | 201  | 229 | < 1 | < 0.01 | 22  | 930  | 6   | < 2 | 5   | 23  | 0.09   | < 10 | < 10 | 56  | < 10 | 58  |
| 93C-218 | 201  | 229 | < 1 | 0.01   | 41  | 680  | 8   | < 2 | 8   | 38  | 0.23   | < 10 | < 10 | 88  | 10   | 116 |
| 93C-219 | 201  | 229 | < 1 | < 0.01 | 19  | 460  | 6   | < 2 | 4   | 21  | 0.09   | < 10 | < 10 | 63  | < 10 | 58  |
| 93C-220 | 201  | 229 | < 1 | 0.01   | 26  | 510  | 8   | 2   | 7   | 49  | 0.11   | < 10 | < 10 | 69  | < 10 | 64  |
| 93C-236 | 201  | 229 | < 1 | < 0.01 | 38  | 340  | 2   | 2   | 6   | 42  | 0.12   | < 10 | < 10 | 83  | < 10 | 60  |
| 93C-238 | 201  | 229 | < 1 | < 0.01 | 44  | 1100 | < 2 | < 2 | 12  | 48  | 0.13   | < 10 | < 10 | 81  | 10   | 78  |
| 93C-239 | 201  | 229 | < 1 | < 0.01 | 9   | 190  | 6   | < 2 | 2   | 12  | 0.04   | < 10 | < 10 | 26  | < 10 | 38  |
| 93C-241 | 201  | 229 | < 1 | < 0.01 | 19  | 330  | 6   | < 2 | 7   | 27  | 0.06   | < 10 | < 10 | 71  | < 10 | 60  |
| 93C-242 | 201  | 229 | < 1 | < 0.01 | 41  | 790  | 8   | < 2 | 12  | 25  | 0.05   | < 10 | < 10 | 91  | 10   | 114 |
| 93C-243 | 201  | 229 | < 1 | < 0.01 | 23  | 200  | 10  | < 2 | 4   | 16  | 0.04   | < 10 | < 10 | 43  | < 10 | 68  |
| 93C-244 | 201  | 229 | < 1 | < 0.01 | 11  | 350  | 24  | < 2 | 2   | 16  | 0.02   | < 10 | < 10 | 18  | < 10 | 74  |
| 93C-252 | 201  | 229 | < 1 | < 0.01 | 11  | 1000 | < 2 | < 2 | 5   | 20  | 0.02   | < 10 | < 10 | 36  | < 10 | 68  |
| 93C-253 | 201  | 229 | < 1 | < 0.01 | 10  | 990  | < 2 | < 2 | 6   | 17  | 0.03   | < 10 | < 10 | 48  | < 10 | 68  |
| 93C-254 | 201  | 229 | < 1 | < 0.01 | 18  | 1110 | 2   | < 2 | 4   | 23  | 0.04   | < 10 | < 10 | 57  | < 10 | 54  |
| 93C-255 | 201  | 229 | < 1 | < 0.01 | 35  | 1120 | 8   | < 2 | 6   | 32  | 0.18   | < 10 | < 10 | 82  | 10   | 90  |
| 93C-256 | 201  | 229 | < 1 | < 0.01 | 10  | 470  | 26  | < 2 | 3   | 16  | 0.02   | < 10 | < 10 | 26  | < 10 | 62  |
| 93C-257 | 201  | 229 | < 1 | < 0.01 | 18  | 180  | 12  | < 2 | 3   | 14  | 0.01   | < 10 | < 10 | 31  | < 10 | 88  |
| 93C-258 | 201  | 229 | < 1 | < 0.01 | 16  | 280  | 6   | < 2 | 3   | 19  | 0.06   | < 10 | < 10 | 44  | < 10 | 52  |
| 93C-260 | 201  | 229 | < 1 | < 0.01 | 22  | 310  | 6   | < 2 | 5   | 18  | 0.07   | < 10 | < 10 | 54  | < 10 | 86  |
| 93C-261 | 201  | 229 | < 1 | < 0.01 | 17  | 370  | 12  | < 2 | 4   | 21  | 0.08   | < 10 | < 10 | 46  | < 10 | 82  |
| 93C-262 | 201  | 229 | < 1 | < 0.01 | 21  | 410  | 8   | < 2 | 4   | 23  | 0.08   | < 10 | < 10 | 50  | < 10 | 60  |
| 93C-264 | 201  | 229 | < 1 | 0.01   | 24  | 470  | 10  | 2   | 6   | 29  | 0.09   | < 10 | < 10 | 64  | < 10 | 76  |
| 93C-265 | 201  | 229 | < 1 | < 0.01 | 29  | 1020 | 2   | < 2 | 6   | 31  | 0.10   | < 10 | < 10 | 72  | < 10 | 90  |
| 93C-267 | 201  | 229 | < 1 | < 0.01 | 17  | 340  | 4   | < 2 | 4   | 22  | 0.08   | < 10 | < 10 | 54  | < 10 | 58  |
| 93C-268 | 201  | 229 | < 1 | < 0.01 | 16  | 270  | 8   | < 2 | 4   | 17  | 0.05   | < 10 | < 10 | 45  | < 10 | 68  |
| 93C-270 | 201  | 229 | < 1 | < 0.01 | 12  | 200  | 10  | < 2 | 7   | 8   | 0.04   | < 10 | < 10 | 40  | < 10 | 46  |
| 93C-271 | 201  | 229 | < 1 | < 0.01 | 4   | 160  | 14  | < 2 | 3   | 4   | < 0.01 | < 10 | < 10 | 7   | < 10 | 34  |
| 93C-272 | 201  | 229 | < 1 | < 0.01 | 15  | 140  | 16  | < 2 | 3   | 18  | 0.04   | < 10 | < 10 | 39  | < 10 | 62  |
| 93C-273 | 201  | 229 | < 1 | < 0.01 | 20  | 220  | 8   | < 2 | 4   | 16  | 0.04   | < 10 | < 10 | 49  | < 10 | 58  |
| 93C-274 | 201  | 229 | < 1 | < 0.01 | 10  | 210  | 20  | < 2 | 2   | 9   | 0.02   | < 10 | < 10 | 10  | < 10 | 66  |
| 93C-276 | 201  | 229 | 1   | < 0.01 | 27  | 530  | 10  | 2   | 5   | 31  | 0.04   | < 10 | < 10 | 50  | < 10 | 72  |
| 93C-277 | 201  | 229 | < 1 | < 0.01 | 28  | 350  | 8   | < 2 | 5   | 19  | 0.06   | < 10 | < 10 | 63  | < 10 | 60  |
| 93C-278 | 201  | 229 | < 1 | < 0.01 | 20  | 220  | 4   | < 2 | 3   | 19  | 0.07   | < 10 | < 10 | 44  | < 10 | 44  |
| 93C-279 | 201  | 229 | < 1 | 0.01   | 51  | 670  | 4   | < 2 | 7   | 31  | 0.09   | < 10 | < 10 | 73  | < 10 | 76  |
| 93C-280 | 201  | 229 | < 1 | < 0.01 | 23  | 360  | < 2 | < 2 | 4   | 22  | 0.09   | < 10 | < 10 | 58  | < 10 | 66  |
| 93C-281 | 201  | 229 | < 1 | < 0.01 | 18  | 320  | 6   | < 2 | 4   | 19  | 0.06   | < 10 | < 10 | 54  | < 10 | 50  |
| 93C-282 | 201  | 229 | < 1 | < 0.01 | 48  | 1350 | < 2 | < 2 | 10  | 27  | 0.02   | < 10 | < 10 | 87  | < 10 | 94  |
| 93C-285 | 201  | 229 | < 1 | < 0.01 | 20  | 580  | 12  | < 2 | 3   | 16  | 0.01   | < 10 | < 10 | 30  | < 10 | 122 |

CERTIFICATION:

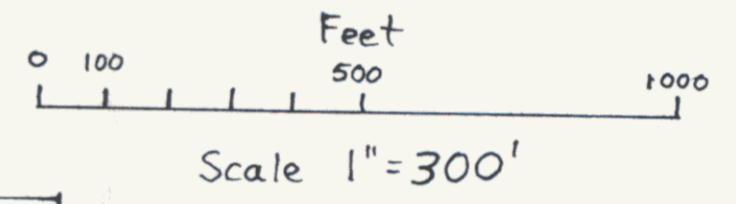
*Hart Buchler*

093280

# BHG 1-26 QUARTZ CLAIMS

## RECONNAISSANCE GEOCHEMISTRY

- SOIL SAMPLE
- ANOMALOUS GOLD ppb
- × SILT SAMPLE
- Pb " LEAD ppm
- CLAIM POST
- As ARSENIC ppm



093280

Dust

