

# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: YUKON ECONOMIC DEVELOPMENT  
GEOSCIENCE OFFICE  
BOX 2703 F-3  
WHITEHORSE, YT  
Y1A 2C6

900238

A9635878

Comments: ATTN: DANIELE HEON FAX: 1-403-393-6232

**CERTIFICATE**

**A9635878**

(MZQ) - YUKON ECONOMIC DEVELOPMENT

Project: 201003-099  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 24-OCT-96.

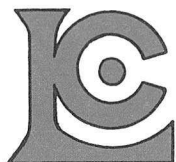
## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION               |
|-------------|----------------|---------------------------|
| 201         | 3              | Dry, sieve to -80 mesh    |
| 202         | 3              | save reject               |
| 229         | 3              | ICP - AQ Digestion charge |
| * NOTE      | 1:             |                           |

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

## ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION                      | METHOD  | DETECTION LIMIT | UPPER LIMIT |
|-------------|----------------|----------------------------------|---------|-----------------|-------------|
| 983         | 3              | Au ppb: Fuse 30 g sample         | FA-AAS  | 5               | 10000       |
| 2118        | 3              | Ag ppm: 32 element, soil & rock  | ICP-AES | 0.2             | 100.0       |
| 2119        | 3              | Al %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2120        | 3              | As ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2121        | 3              | Ba ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2122        | 3              | Be ppm: 32 element, soil & rock  | ICP-AES | 0.5             | 100.0       |
| 2123        | 3              | Bi ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2124        | 3              | Ca %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2125        | 3              | Cd ppm: 32 element, soil & rock  | ICP-AES | 0.5             | 100.0       |
| 2126        | 3              | Co ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2127        | 3              | Cr ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2128        | 3              | Cu ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2150        | 3              | Fe %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2130        | 3              | Ga ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2131        | 3              | Hg ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2132        | 3              | K %: 32 element, soil & rock     | ICP-AES | 0.01            | 10.00       |
| 2151        | 3              | La ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2134        | 3              | Mg %: 32 element, soil & rock    | ICP-AES | 0.01            | 15.00       |
| 2135        | 3              | Mn ppm: 32 element, soil & rock  | ICP-AES | 5               | 10000       |
| 2136        | 3              | Mo ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2137        | 3              | Na %: 32 element, soil & rock    | ICP-AES | 0.01            | 5.00        |
| 2138        | 3              | Ni ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2139        | 3              | P ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2140        | 3              | Pb ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2141        | 3              | Sb ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |
| 2142        | 3              | Sc ppm: 32 elements, soil & rock | ICP-AES | 1               | 10000       |
| 2143        | 3              | Sr ppm: 32 element, soil & rock  | ICP-AES | 1               | 10000       |
| 2144        | 3              | Ti %: 32 element, soil & rock    | ICP-AES | 0.01            | 5.00        |
| 2145        | 3              | Tl ppm: 32 element, soil & rock  | ICP-AES | 10              | 10000       |
| 2146        | 3              | U ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2147        | 3              | V ppm: 32 element, soil & rock   | ICP-AES | 1               | 10000       |
| 2148        | 3              | W ppm: 32 element, soil & rock   | ICP-AES | 10              | 10000       |
| 2149        | 3              | Zn ppm: 32 element, soil & rock  | ICP-AES | 2               | 10000       |



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Page Number : 1-A  
Total Pages : 1  
Certificate Date: 24-OCT-96  
Invoice No. : I9635878  
P.O. Number :  
Account : MZQ

Project : 201003-099

Comments: ATTN: DANIELE HEON FAX: 1-403-393-6232

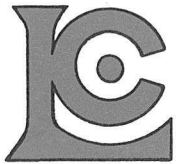
## CERTIFICATE OF ANALYSIS

## A9635878

| 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  | %    | ppm |
| 96 HR-18  | 201       | 202 | < 5    | < 0.2 | 1.13 | 18  | 1080 | < 0.5 | < 2 | < 0.01 | < 0.5 | < 1 | 21  | 26  | 3.36 | < 10 | < 1 | 0.16 | < 10 | 0.06 | 5   |
| 96 HR-31B | 201       | 202 | < 5    | < 0.2 | 0.80 | 16  | 160  | < 0.5 | < 2 | 0.03   | < 0.5 | 2   | 16  | 20  | 6.62 | < 10 | < 1 | 0.32 | < 10 | 0.12 | 15  |
| 96 HR-56  | 201       | 202 | < 5    | < 0.2 | 0.70 | 48  | 330  | < 0.5 | < 2 | < 0.01 | < 0.5 | 1   | 14  | 23  | 5.80 | < 10 | < 1 | 0.25 | < 10 | 0.05 | < 5 |

CERTIFICATION:

*Hart Bichler*



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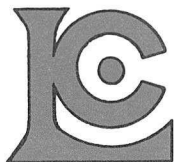
## CERTIFICATE OF ANALYSIS

### A9635878

| 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 |
| 96 HR-18  | 201       | 202 | 4   | < 0.01 | 3   | 140 | 16  | < 2 | 3   | 27  | < 0.01 | < 10 | < 10 | 42  | < 10 | 18  |
| 96 HR-31B | 201       | 202 | 5   | 0.06   | 11  | 220 | 18  | < 2 | 3   | 37  | < 0.01 | < 10 | < 10 | 29  | < 10 | 46  |
| 96 HR-56  | 201       | 202 | 31  | 0.03   | 6   | 380 | 20  | < 2 | 3   | 23  | < 0.01 | < 10 | < 10 | 41  | < 10 | 38  |

CERTIFICATION:

*Hans Bickler*



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HR-18  
-3/b\*  
-56

**INVOICE NUMBER**

**I 9 6 3 5 8 7 8**

## BILLING INFORMATION

Date: 24-OCT-96  
Project: 201003-099  
P.O. No.:  
Account: MZQ

Comments: LT533LNQ.96Q

Billing: For analysis performed on  
Certificate A9635878

Terms: Payment due on receipt of invoice  
1.25% per month (15% per annum)  
charged on overdue accounts

Please Remit Payments to:

**CHEMEX LABS LTD.**  
212 Brooksbank Ave.,  
North Vancouver, B.C.  
Canada V7J 2C1

COPY

| # OF SAMPLES                  | ANALYSED FOR CODE - DESCRIPTION | UNIT PRICE | SAMPLE PRICE | AMOUNT        |
|-------------------------------|---------------------------------|------------|--------------|---------------|
| 3                             | 201 - Dry, sieve to -80 mesh    | 1.25       |              |               |
|                               | 202 - save reject               | 0.85       |              |               |
|                               | EX-1 Package                    | 16.75      | 18.85        | 56.55         |
| Total Cost \$                 |                                 |            |              | 56.55         |
| Client Discount ( 20%) \$     |                                 |            |              | <u>-11.31</u> |
| <b>TOTAL PAYABLE (CDN) \$</b> |                                 |            |              | <b>45.24</b>  |