



# ALS Chemex

Aurora Laboratory Services 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: B.C. MINISTRY OF ENERGY AND MINES  
 ENERGY AND MINERALS DIVISION  
 300 - 865 HORNBY ST.  
 VANCOUVER, BC  
 V6Z 2G3

*FRANK CR.*

**883164**

Page Number : 1  
 Total Pages : 1  
 Certificate Date: 24-NOV-2000  
 Invoice No. : I0034472  
 P.O. Number :  
 Account : SLW

Project :  
 Comments: ATTN: TOM G. SCHROETER

## CERTIFICATE OF ANALYSIS

**A0034472**

SAMPLE	PREP CODE	Ag FA g/t	Cu %	Pb %							
TS-LOTTIE-1	212 --	-----	4.59✓	-----							
TS-FC-1	212 --	130✓	-----	5.08✓							
TS-FC-2	212 --	-----	1.83✓	-----							
TS-THORN-1	212 --	2400✓	11.50✓	-----							

CERTIFICATION: \_\_\_\_\_

*[Handwritten Signature]*



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(SLW) - B.C. MINISTRY OF ENERGY AND MINES

Project:

P.O. #:

Samples submitted to our lab in Vancouver, BC.  
 This report was printed on 24-NOV-2000.

### SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
212	4	Overlimit pulp, to be found

### ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
384	2	Ag g/t: Gravimetric	FA-GRAVIMETRIC	3	3500
301	3	Cu %: Conc. Nitric-HCl dig'n	AAS	0.01	100.0
312	1	Pb %: Conc. Nitric-HCl dig'n	AAS	0.01	100.0



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A0033091

Comments: ATTN: TOM G. SCHROETER

**CERTIFICATE**

**A0033091**

(SLW) - B.C. MINISTRY OF ENERGY AND MINES

Project:  
 P.O. #:

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## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	9	Geochem ring to approx 150 mesh
226	9	0-3 Kg crush and split
3202	9	Rock - save entire reject
229	7	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 1 of 2

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	7	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
997	1	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	1000.0
316	2	Zn %: Conc. Nitric-HCl dig'n	AAS	0.01	100.0
2118	7	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	7	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	7	As ppm: 32 element, soil & rock	ICP-AES	2	10000
557	7	B ppm: 32 element, rock & soil	ICP-AES	10	10000
2121	7	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	7	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	7	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	7	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	7	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	7	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	7	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	7	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	7	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	7	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	7	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	7	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	7	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	7	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	7	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	7	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	7	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	7	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	7	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	7	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
551	7	S %: 32 element, rock & soil	ICP-AES	0.01	5.00
2141	7	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	7	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	7	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	7	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	7	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	7	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	7	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	7	W ppm: 32 element, soil & rock	ICP-AES	10	10000



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ANALYTICAL PROCEDURES 2 of 2					
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2149	7	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000