



CHEMEX LABS LTD.

217 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Archer Cathro & Assoc. Ltd.,
Box 4127
Whitehorse, Y. T. Y1A 3S9

ATTN:

WJV-IGOR
HOLE 79-I-3

CERTIFICATE NO. SP0884A

INVOICE NO. 30653

RECEIVED June 19/79

ANALYSED June 25/79

SAMPLE NO. :	Lower Concentration Limit (PPM)	37-42'	47-52'	68-70'	111'-116'
		00116	00118	00120	00122
Antimony	50	bcl	bcl	bcl	bcl
Arsenic	50	bcl	bcl	bcl	bcl
Barium	5	>10,000	>10,000	>10,000	>10,000
Beryllium	5	bcl	bcl	bcl	bcl
Bismuth	5	bcl	bcl	Bcl	70
Boron	20	bcl	bcl	bcl	bcl
Cadmium	20	bcl	bcl	bcl	bcl
Calcium	0.05%	3%	1%	3%	3%
Chromium	10	50	50	<100	<100
Cobalt	10	50	70	100	200
Copper	1	>10,000	>10,000	300	>10,000
Gallium	5	bcl	5	<10	<10
Germanium	20	bcl	bcl	bcl	bcl
Indium	50	bcl	bcl	bcl	bcl
Iron	0.05%	15%	20%	10%	20%
Lead	5	20	5	7	20
Magnesium	0.02%	3.0%	1.5%	2%	5%
Manganese	5	>10,000	>10,000	5000	10,000
Molybdenum	10	bcl	bcl	bcl	bcl
Nickel	5	15	15	15	15
Niobium	50	bcl	bcl	bcl	bcl
Silver	1	bcl	bcl	bcl	1
Strontium	2	500	2000	5000	1000
Tellurium	200	bcl	bcl	bcl	bcl
Thorium	200	<200	<200	<200	<200
Tin	10	bcl	bcl	bcl	bcl
Titanium	5	5000	2000	1500	1000
Vanadium	20	50	70	50	70
Zinc	50	bcl	bcl	bcl	bcl
Zirconium	20	70	50	20	20

SEMI QUANTITATIVE SPECTROGRAPHIC ANALYSES

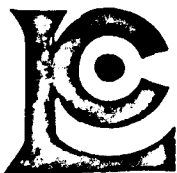
>5000 ppm => 5000 ppm 50 ppm = 25-100 ppm
5000 ppm = 2500-10000 ppm 20 ppm = 10-50 ppm
2000 ppm = 1000-4000 ppm 10 ppm = 5-20 ppm
1000 ppm = 500-2000 ppm 5 ppm = 2-10 ppm

500 ppm = 250-1000 ppm 2 ppm = 1-4 ppm
200 ppm = 100-400 ppm 1 ppm = 0.5-2 ppm
100 ppm = 50-200 ppm bcl = below concentration limit
Ranges for Iron, Calcium & Magnesium are reported in %



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: _____



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
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TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO: Archer Cathro
Box 4127
Whitehorse, Y. T. Y1A 3S9

WJV - IGOR
HOLE - I-3 CONT.

CERTIFICATE NO. SP0885
INVOICE NO. 30653
RECEIVED June 19/79
ANALYSED June 25/79

ATTN:

SAMPLE NO. :	Lower Concentration Limit (PPM)	121'-126'	131'-136'	141'-146'	151'-156'	161'-166'	171'-176'
		00124	54502	54504	54506	54508	54510
Antimony	50	bcl	bcl	bcl	bcl	bcl	bcl
Arsenic	50	50	bcl	bcl	bcl	bcl	bcl
Barium	5	>10,000	>10,000	>10,000	>10,000	>10,000	10,000
Beryllium	5	bcl	bcl	bcl	bcl	bcl	bcl
Bismuth	5	70	bcl	200	70	bcl	bcl
Boron	20	bcl	bcl	bcl	bcl	bcl	bcl
Cadmium	20	bcl	bcl	bcl	bcl	bcl	bcl
Calcium	0.05%	3%	2%	2%	3%	2%	3%
Chromium	10	<100	<100	<100	<100	<100	<100
Cobalt	10	500	300	300	100	200	50
Copper	1	>10,000	>10,000	>10,000	>10,000	>10,000	>10,000
Gallium	5	<10	<10	<10	<10	<10	<10
Germanium	20	bcl	bcl	bcl	bcl	bcl	bcl
Indium	50	bcl	bcl	bcl	bcl	bcl	bcl
Iron	0.05%	20%	15%	20%	15%	15%	7%
Lead	5	100	5	70	100	7	bcl
Magnesium	0.02%	3%	2%	2%	3%	2%	2%
Manganese	5	10,000	10,000	10,000	10,000	10,000	10,000
Molybdenum	10	bcl	bcl	bcl	bcl	bcl	bcl
Nickel	5	15	15	20	15	15	10
Niobium	50	bcl	bcl	bcl	bcl	bcl	bcl
Silver	1	1	bcl	1	1	2	bcl
Strontium	2	1500	200	300	300	300	200
Tellurium	200	bcl	bcl	bcl	bcl	bcl	bcl
Thorium	200	<200	<200	<200	<200	<200	<200
Tin	10	bcl	bcl	bcl	bcl	bcl	bcl
Titanium	5	1500	1000	700	1500	700	3000
Vanadium	20	70	70	50	50	50	20
Zinc	50	bcl	bcl	bcl	bcl	bcl	bcl
Zirconium	20	50	20	20	20	bcl	50

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**212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597**

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CERTIFICATE OF ANALYSIS

TO: Archer Cathro & Assoc. Ltd.,
Box 4127,
Whitehorse, Y.T. Y1A 3S9

CERTIFICATE NO. SP 0981

INVOICE NO. 32609

RECEIVED Aug. 20/79

ANALYSED Sept. 14/79

ATTN: PROJECT:

HOLE J-2

HOLE J-3

[illegible]

MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: NAK 1222