



APPENDIX I

CHEMEX LABS LTD.

217 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
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

WJV-IGOR
HOLE 79-J-1

CERTIFICATE NO. SP 0877

INVOICE NO. 30543

RECEIVED June 12/79

ANALYSED June 15/79

SAMPLE NO. :	Lower Concentration Limit (PPM)	0740A, 70-70.5'	0741, 197-202'	0742, 202-207'	0743, 207-212'	0744A, 414.0' to 414.75'
Antimony	50	< 500	< 500	< 500	< 500	< 500
Arsenic	50	< 200	< 200	< 200	200	< 200
Barium	5	7000	7000	1500	700	> 10,000
Beryllium	5	< 10	< 10	< 10	< 10	< 10
Bismuth	5	bcl	bcl	bcl	bcl	bcl
Boron	20	bcl	50	< 50	< 50	bcl
Cadmium	20	bcl	bcl	bcl	bcl	bcl
Calcium	0.05%	1.5%	0.7%	0.7%	0.3%	3%
Chromium	10	100	100	200	150	70
Cobalt	10	500	200	1000	700	70
Copper	1	1000	700	500	500	5000
Gallium	2	10	10	15	10	5
Germanium	20	bcl	bcl	bcl	bcl	bcl
Indium	50	bcl	bcl	bcl	bcl	bcl
Iron	0.05%	10%	10%	20%	15%	7%
Lead	5	15	5	5	5	5
Magnesium	0.02%	1%	2%	1%	1%	1%
Manganese	5	500	10,000	1000	5000	1500
Molybdenum	10	< 100	< 100	< 100	< 100	< 100
Nickel	5	50	70	150	70	20
Niobium	50	bcl	bcl	bcl	bcl	bcl
Silver	1	bcl	bcl	bcl	bcl	bcl
Strontium	2	20	100	50	10	7000
Tellurium	200	bcl	bcl	bcl	bcl	bcl
Thorium	100	< 200	< 200	< 200	< 200	< 200
Tin	10	bcl	bcl	bcl	bcl	bcl
Titanium	5	3000	7000	2000	5000	5000
Vanadium	10	70	100	150	100	100
Zinc	50	bcl	bcl	50	50	bcl
Zirconium	20	100	100	70	70	50

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: *[Signature]*