



Chemex Labs Ltd.

-Analytical Chemists -Geochemists -Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8610472-001-A
INVOICE # : I8610472
DATE : 3-FEB-86
P.O. # : NONE
V 155

COMMENTS :

Sample description	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Hg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Ti	Tl	U	V	W	Zn		
	μ	ppm	ppm	ppm	ppm	ppm	μ	ppm	ppm	ppm	ppm	μ	ppm	μ	ppm	μ	ppm	ppm	μ	ppm	ppm	ppm	ppm	ppm	μ	ppm	ppm	ppm	ppm	ppm		
9251	1.84	0.2	<10	<10	<0.5	2	2.25	0.5	26	56	15	6.70	10	0.02	<10	1.66	287	27	0.01	20	340	32	<10	76	0.07	<10	<10	76	<10	70	--	--
9252	1.78	0.2	<10	40	<0.5	<2	1.48	3.0	22	53	83	4.67	10	0.13	10	2.18	388	2	0.04	25	1220	168	<10	19	0.21	<10	<10	131	<10	180	--	--
9253	2.31	0.2	<10	130	<0.5	<2	1.38	<0.5	23	75	98	4.79	<10	0.34	10	2.57	605	2	0.06	23	870	4	<10	23	0.29	<10	<10	183	<10	60	--	--
9254	1.88	0.2	<10	160	<0.5	<2	1.30	1.0	22	79	122	4.33	<10	0.37	10	2.21	629	7	0.06	24	1340	26	<10	23	0.28	<10	<10	153	<10	310	--	--
9255	1.87	0.2	<10	110	<0.5	<2	1.22	<0.5	20	67	138	4.07	<10	0.29	10	1.73	331	<1	0.07	24	1020	4	<10	29	0.25	<10	<10	131	<10	20	--	--
9256	2.44	0.2	<10	80	<0.5	<2	2.91	<0.5	15	53	105	3.44	10	0.13	<10	1.34	422	44	0.03	18	870	10	<10	56	0.17	<10	<10	94	<10	30	--	--
9257	1.92	0.2	<10	60	<0.5	2	1.91	<0.5	14	57	159	3.58	10	0.27	10	1.40	519	12	0.03	12	610	2	<10	30	0.17	<10	<10	83	<10	30	--	--
9258	2.65	0.2	<10	50	<0.5	<2	3.30	<0.5	29	63	155	5.54	10	0.02	<10	1.85	946	3	0.09	23	1410	6	<10	104	0.33	<10	<10	148	<10	80	--	--
9259	3.10	0.2	<10	120	<0.5	<2	2.02	<0.5	22	67	52	5.06	10	0.10	10	1.88	683	<1	0.30	24	1390	<2	<10	86	0.34	<10	<10	161	<10	40	--	--
9260	2.17	0.2	<10	20	<0.5	<2	2.15	<0.5	21	65	69	4.67	10	0.32	<10	1.76	669	<1	0.07	25	1100	10	<10	50	0.27	<10	<10	136	<10	50	--	--
9261	1.60	0.2	10	10	<0.5	<2	1.87	3.5	28	49	171	6.01	<10	0.31	10	1.03	480	<1	0.04	22	1800	4	<10	43	0.32	<10	<10	79	<10	460	--	--
9262	2.54	0.2	<10	20	<0.5	<2	1.72	<0.5	22	62	63	4.91	10	0.02	10	2.15	675	<1	0.04	23	1180	<2	<10	28	0.28	<10	<10	154	<10	50	--	--
9263	2.97	0.2	10	20	<0.5	<2	3.21	<0.5	26	70	80	6.09	10	<0.31	<10	2.33	790	<1	0.04	25	1700	2	<10	45	0.39	<10	<10	203	<10	60	--	--
9264	1.54	0.2	20	150	<0.5	2	8.41	7.0	8	76	228	1.60	20	0.05	<10	1.24	944	57	<0.01	48	1970	8	<10	92	0.13	<10	<10	525	<10	730	--	--
9265	1.41	0.2	10	170	<0.5	2	6.08	2.0	8	86	81	1.37	20	0.03	<10	0.96	647	58	<0.01	49	2370	10	<10	85	0.11	<10	<10	418	<10	220	--	--
9266	1.15	0.2	10	200	<0.5	2	3.16	<0.5	9	95	43	2.11	10	0.09	<10	0.88	445	91	<0.01	66	740	6	<10	36	0.12	<10	<10	354	<10	40	--	--
9267	1.08	0.2	<10	310	<0.5	2	1.84	<0.5	9	90	41	1.77	<10	0.05	10	1.06	488	44	<0.01	36	1290	8	<10	39	0.10	<10	<10	166	<10	40	--	--
9268	2.32	0.2	<10	170	<0.5	2	2.00	<0.5	31	184	25	3.92	<10	0.01	10	3.25	1518	30	0.01	120	1610	<2	<10	43	0.24	<10	<10	149	<10	90	--	--
9269	4.03	0.2	<10	80	<0.5	<2	3.18	0.5	58	335	101	7.09	10	<0.31	<10	6.23	2708	<1	0.01	265	1740	<2	10	27	0.36	<10	<10	206	<10	120	--	--
9270	1.43	0.2	<10	400	<0.5	4	1.22	<0.5	13	83	25	2.07	<10	0.37	10	1.35	411	36	0.02	30	970	6	<10	50	0.12	<10	<10	111	<10	30	--	--
9271	0.93	0.2	<10	400	<0.5	2	0.84	<0.5	10	85	23	1.71	<10	0.05	10	0.87	207	35	0.01	26	410	6	<10	34	0.09	<10	<10	89	<10	20	--	--
9272	0.97	0.2	<10	180	<0.5	2	1.30	<0.5	9	69	19	1.75	<10	0.04	<10	0.88	183	32	0.01	25	540	4	<10	28	0.09	<10	<10	80	<10	20	--	--
9273	3.94	0.2	<10	90	<0.5	<2	1.53	<0.5	48	234	73	6.05	<10	0.13	10	5.40	919	4	0.12	65	1410	<2	<10	77	0.38	<10	<10	272	<10	30	--	--
9274	1.05	0.2	<10	300	<0.5	2	0.85	<0.5	13	84	56	2.49	<10	0.06	10	0.61	175	42	0.04	32	620	6	<10	41	0.11	<10	<10	121	<10	20	--	--
9275	2.32	0.2	<10	120	<0.5	<2	2.42	<0.5	18	52	39	4.39	<10	0.07	10	1.96	565	16	0.07	25	2430	2	<10	81	0.29	<10	<10	133	<10	40	--	--
9276	2.67	0.2	<10	60	<0.5	<2	2.54	<0.5	35	89	85	6.32	<10	0.07	10	1.72	671	<1	0.19	42	1610	2	<10	94	0.35	<10	<10	149	<10	50	--	--
9277	2.34	0.2	<10	110	<0.5	<2	2.03	<0.5	21	40	98	6.01	<10	0.10	10	1.52	547	2	0.10	20	2110	2	<10	50	0.30	<10	<10	124	<10	50	--	--
9278	2.11	0.2	<10	170	<0.5	2	1.59	<0.5	20	39	143	5.32	<10	0.06	10	1.91	643	1	0.09	19	1900	4	<10	64	0.31	<10	<10	130	<10	50	--	--
9279	1.64	0.2	<10	150	<0.5	<2	1.38	<0.5	22	54	46	4.60	<10	0.04	<10	1.58	388	6	0.05	34	890	4	<10	62	0.18	<10	<10	105	<10	30	--	--

Certified by *H. B. Bachler*



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Analytical Chemists Geochemists Registered Assayers

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED 2225 SOUTH SPRINGER AVENUE BURNABY, B.C. V5E 3N1

CERT. # : A8610196-001-A INVOICE # : I8610196 DATE : 20-JAN-86 P.O. # : NONE PROJECT V155

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regis digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS : CERT. # 85541

Table with columns for Sample description and elements Al, Ag, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Ti, Tl, U, V, W, Zn. Rows list sample numbers 9651 through 9699 with corresponding analysis values.

RECEIVED JAN 21 1986

Certified by J. J. Rossbacher



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TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5E 3N1

CERT. # : A8610196-002-A
INVOICE # : I8610196
DATE : 20-JAN-86
P.O. # : NONE
PROJECT V155

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
CERT. # 85541

Sample description	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Ti	Tl	U	V	W	Zn	
	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
9700	0.90	3.0	10	10	<0.5	<2	1.63	1.5	1113	18	6878	9.00	<10	<0.01	10	0.51	765	3	<0.01	37	730	<2	10	86	0.15	<10	<10	15	<10	320	Ag Co Cu
9701	0.61	23.2	10	<10	<0.5	10	0.92	6.0	202	10	>9999	7.42	<10	<0.01	10	0.62	504	6	<0.01	43	290	<2	20	55	0.06	<10	<10	5	<10	840	Ag Bi Co Cu
9702	0.54	36.0	10	<10	<0.5	20	0.53	9.0	146	21	>9999	9.32	<10	<0.01	<10	0.63	511	7	<0.01	52	260	<2	20	25	0.04	<10	<10	2	<10	2060	Ag Bi Cu Ni
9703	0.63	6.8	10	<10	<0.5	<2	1.72	12.5	45	23	>9999	3.64	<10	<0.01	<10	0.96	575	8	<0.01	14	320	<2	10	34	0.05	<10	<10	7	<10	2850	Ag Bi Cu Zn
9704	1.29	50.0	20	<10	<0.5	<2	0.49	21.5	621	16	>9999	23.91	<10	<0.01	<10	1.07	522	9	<0.01	75	420	<2	40	40	0.06	<10	<10	6	<10	3390	Ag Bi Cu Ni Zn
9705	1.00	6.6	20	70	<0.5	2	2.14	3.5	62	22	>9999	11.96	<10	0.01	10	1.49	1019	7	<0.01	27	430	<2	20	50	0.04	<10	<10	8	<10	1340	Ag Cu
9706	1.01	2.2	10	30	<0.5	<2	0.83	1.0	200	31	4136	28.36	<10	<0.01	10	0.62	577	8	0.01	23	320	<2	10	32	0.03	<10	<10	<1	<10	970	Ag Cu
9707	1.17	9.6	10	10	<0.5	<2	2.20	3.0	56	44	>9999	4.79	<10	<0.01	<10	0.94	655	6	<0.01	55	670	<2	10	135	0.10	<10	<10	26	<10	1360	Ag Bi Ni
9708	0.28	0.6	10	130	<0.5	<2	0.96	8.0	5	13	432	3.91	<10	0.01	<10	0.15	937	23	0.01	8	430	<2	<10	42	0.04	<10	<10	1	<10	1520	Ag
9709	0.43	2.0	30	10	<0.5	<2	0.98	8.0	13	36	2753	15.64	<10	0.02	10	0.14	773	21	<0.01	22	570	<2	10	63	0.09	<10	<10	1	<10	1290	Ag
9710	0.49	0.8	20	10	<0.5	<2	0.59	2.0	18	27	1592	29.21	<10	0.02	10	0.18	586	15	0.01	21	310	<2	<10	45	0.06	<10	<10	<1	<10	270	--
9711	0.31	1.2	80	30	<0.5	<2	1.88	<0.5	70	54	828	10.64	<10	<0.01	<10	0.40	682	5	0.01	46	780	12	<10	75	0.10	<10	<10	19	<10	60	Ag As Pb
9712	0.70	1.0	40	<10	<0.5	<2	1.23	<0.5	53	27	1131	26.22	<10	0.01	10	0.28	581	16	<0.01	25	430	<2	<10	64	0.09	<10	<10	5	<10	850	Ag
9713	0.37	1.4	60	20	<0.5	<2	0.99	0.5	284	20	2861	19.25	<10	<0.01	10	0.17	436	2	<0.01	12	400	<2	<10	36	0.04	<10	<10	<1	<10	970	Ag As Co
9714	0.56	2.4	40	20	<0.5	<2	0.95	2.0	564	12	3902	16.97	<10	<0.01	10	0.17	471	3	<0.01	9	560	<2	<10	51	0.05	<10	<10	1	<10	1090	Ag Zn
9715	0.66	2.4	10	70	<0.5	<2	1.58	1.0	258	25	4734	11.09	<10	<0.01	10	0.20	532	18	<0.01	26	500	<2	<10	68	0.08	<10	<10	8	<10	1020	Ag Cu
9716	0.89	6.8	40	30	<0.5	<2	1.10	3.5	183	23	>9999	16.73	<10	<0.01	10	0.67	559	10	<0.01	18	510	<2	10	48	0.04	<10	<10	6	<10	1310	Ag Zn

SYSTEMS BUSINESS FORMS LIMITED VANCOUVER BRITISH COLUMBIA

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Certified by Hart Bickler



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Semi quantitative multi element ICP analysis

CERTIFICATE OF ANALYSIS

TO : ROSSBACHER LABORATORY LIMITED

2225 SOUTH SPRINGER AVENUE
BURNABY, B.C.
V5B 3N1

CERT. # : A8610285-002-A
INVOICE # : I8610285
DATE : 27-JAN-86
P.O. # : NONE
V 155

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

SYSTEMS BUSINESS FORMS LIMITED VANCOUVER BRITISH COLUMBIA

Sample description	Al %	Aq ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg ppm	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
9635	1.50	0.2	20	<10	<0.5	<2	8.56	<0.5	8	48	21	3.72	20	0.02	<10	1.35	2427	<1	<0.01	15	540	4	<10	69	0.10	<10	<10	44	<10	50	--	--
9636	1.02	0.2	10	<10	<0.5	<2	5.13	<0.5	5	66	18	2.61	10	<0.01	<10	0.99	1646	<1	<0.01	12	370	2	<10	60	0.07	<10	<10	30	<10	30	--	--
9637	1.26	0.2	10	<10	<0.5	<2	8.14	<0.5	6	46	26	3.40	20	<0.01	<10	1.00	2073	1	<0.01	14	570	2	<10	59	0.09	<10	<10	35	<10	30	--	--
9638	1.41	0.2	10	10	<0.5	<2	4.96	<0.5	5	82	13	1.84	10	0.05	<10	1.24	1784	<1	<0.01	14	470	4	<10	126	0.11	<10	<10	42	<10	40	--	--
9639	0.98	0.2	10	<10	<0.5	2	6.75	<0.5	4	54	18	1.43	20	<0.01	<10	0.76	986	<1	<0.01	9	660	4	<10	32	0.14	<10	<10	45	<10	30	--	--
9640	0.96	0.2	10	<10	<0.5	<2	11.83	<0.5	8	19	76	6.15	30	0.01	<10	0.34	864	<1	<0.01	8	610	6	10	<1	0.07	<10	<10	31	<10	10	--	--
9641	0.58	0.2	10	20	<0.5	<2	4.72	<0.5	12	22	35	3.47	20	0.03	<10	0.39	357	1	0.02	10	880	4	<10	22	0.18	<10	<10	44	<10	10	--	--
9642	0.94	0.2	10	70	<0.5	2	6.32	<0.5	9	27	37	3.19	20	0.09	<10	1.27	1304	2	0.01	9	460	4	10	27	0.13	<10	<10	56	<10	40	--	--
9643	0.48	1.0	20	20	<0.5	<2	9.36	24.5	31	25	2749	9.05	30	0.01	<10	0.49	3054	3	<0.01	13	370	<2	10	<1	0.01	<10	<10	16	<10	4670	Ag	Sr Mn Zn
9644	1.45	0.2	10	80	<0.5	<2	1.89	1.0	15	50	63	3.81	10	0.14	<10	1.47	869	2	0.02	24	550	2	<10	29	0.18	<10	<10	89	<10	230	--	--
9645	2.32	0.2	<10	100	<0.5	<2	1.68	<0.5	21	68	55	5.22	<10	0.12	<10	2.56	640	1	0.05	21	440	<2	<10	25	0.24	<10	<10	143	<10	40	--	Ba-V
9646	1.48	0.2	<10	180	<0.5	<2	1.69	<0.5	9	55	14	2.34	<10	0.19	<10	1.03	346	47	0.03	6	330	12	<10	90	0.12	<10	<10	47	<10	30	--	Ba-Mo Pb
9647	3.08	0.2	<10	200	<0.5	<2	1.34	<0.5	22	90	44	5.46	<10	0.49	10	3.06	754	3	0.08	23	470	<2	<10	83	0.31	<10	<10	172	<10	40	--	Ba-V
9648	2.47	0.2	<10	110	<0.5	<2	1.59	<0.5	22	76	29	5.54	<10	0.22	10	2.57	484	1	0.05	22	750	<2	<10	48	0.22	<10	<10	155	<10	30	--	Ba-V
9649	2.15	0.2	<10	30	<0.5	<2	2.32	<0.5	22	56	35	4.50	10	0.08	<10	2.38	412	6	0.06	22	1260	2	<10	100	0.26	<10	<10	134	<10	30	--	V--
9650	2.02	0.2	<10	30	<0.5	<2	1.72	<0.5	26	74	76	5.95	<10	0.13	<10	2.45	446	2	0.04	31	700	<2	<10	53	0.25	<10	<10	150	<10	40	--	V--
9656	1.17	0.2	<10	60	<0.5	3	0.94	<0.5	16	69	20	3.05	<10	0.07	10	1.09	504	2	0.03	40	1020	<2	<10	33	0.17	<10	<10	71	<10	30	--	--
9667	1.47	0.2	<10	130	<0.5	<2	1.23	<0.5	19	53	65	4.26	<10	0.06	10	1.49	844	2	0.05	28	2040	<2	<10	36	0.21	<10	<10	108	<10	40	--	Ba-P
9668	1.42	0.2	10	20	<0.5	<2	2.32	<0.5	19	41	111	4.90	<10	0.02	<10	1.63	826	3	0.03	19	1740	<2	<10	56	0.25	<10	<10	112	<10	40	--	P--
9669	0.93	0.2	10	30	<0.5	<2	4.58	<0.5	9	59	22	3.02	10	0.02	<10	0.73	816	3	<0.01	11	1400	<2	<10	91	0.15	<10	<10	52	<10	20	--	--
9670	0.96	0.2	10	30	<0.5	<2	2.60	<0.5	22	24	74	5.25	<10	0.03	<10	1.11	652	4	0.03	12	1930	<2	<10	80	0.22	<10	<10	89	<10	20	--	P--
9671	2.37	0.2	<10	40	<0.5	<2	5.63	<0.5	16	21	39	4.36	10	0.02	<10	1.16	517	2	0.02	9	2780	4	<10	172	0.27	<10	<10	74	<10	30	--	P--
9672	2.07	0.2	<10	80	<0.5	<2	2.27	<0.5	21	20	318	6.50	<10	0.10	10	2.40	987	1	0.03	6	3780	<2	<10	55	0.33	<10	<10	93	<10	60	--	P--
9673	1.88	0.2	<10	10	<0.5	<2	6.26	<0.5	12	25	22	5.39	10	0.05	<10	0.97	819	9	<0.01	4	3100	2	<10	262	0.33	<10	<10	73	<10	30	--	P-Sr
9674	3.12	0.2	<10	160	<0.5	<2	2.65	<0.5	23	15	332	7.87	10	0.11	20	2.84	1173	1	0.06	5	3640	<2	<10	75	0.39	<10	<10	143	<10	130	--	Ba-P V

Certified by Hart Bichler