



## Certificate of Analysis

Work Order: VC122265

To: **Kendra Johnston**  
**INDEPENDENCE GOLD CORP.**  
1410-650 WEST GEORGIA STREET  
VACOUVER BC V6B 4N8

Date: Oct 11, 2012

P.O. No. : PO# 90403-05 YK029-AS  
Project No. : -  
No. Of Samples : 73  
Date Submitted : Aug 31, 2012  
Report Comprises : Pages 1 to 9  
(Inclusive of Cover Sheet)

**Distribution of unused material:**

Active files - upstairs:

Certified By :



Satpaul Gill  
QAQC Chemist

**SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>**

Report Footer:

L.N.R. = Listed not received  
n.a. = Not applicable

I.S. = Insufficient Sample  
-- = No result

\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. \*NAA08V) were subcontracted  
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

**WARNING:** The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Final : VC122265 Order: PO# 90403-05 YK029-AS

Page 2 of 9

Element Method Det.Lim. Units	WtKg WGH79 0.001 kg	Au FAA313 5 ppb	Ag ICP14B 2 ppm	Al ICP14B 0.01 %	As ICP14B 3 ppm	Be ICP14B 0.5 ppm	Ca ICP14B 0.01 %	Ba ICP14B 5 ppm	Bi ICP14B 5 ppm	Cd ICP14B 1 ppm
L839700	0.325	<5	<2	0.07	<3	<0.5	>15.0	21	11	<1
L839726	0.195	<5	<2	1.44	12	0.6	0.16	451	<5	<1
L839727	0.290	<5	<2	1.09	5	<0.5	0.33	416	<5	<1
L839728	0.340	<5	<2	0.73	15	<0.5	0.18	315	<5	<1
L839729	0.365	<5	<2	1.37	9	<0.5	0.33	325	<5	<1
L839730	0.280	<5	<2	1.77	6	<0.5	0.39	271	<5	<1
L839731	0.415	5	<2	1.62	7	<0.5	0.45	292	<5	<1
L839732	0.385	<5	<2	1.33	7	<0.5	0.35	246	<5	<1
L839733	0.350	<5	<2	1.32	14	<0.5	0.27	217	<5	<1
L839734	0.440	<5	<2	1.41	8	0.5	0.39	290	<5	<1
L839735	0.425	<5	<2	1.49	8	0.6	0.42	249	<5	<1
L839736	0.460	<5	<2	1.61	11	0.6	0.51	321	<5	<1
L839737	0.515	<5	<2	1.52	9	0.6	0.74	317	<5	<1
L839738	0.470	<5	<2	1.37	9	0.6	0.63	283	<5	<1
L839739	0.420	6	<2	1.56	8	0.6	0.80	356	<5	<1
L839740	0.435	5	<2	1.41	8	0.5	0.68	315	<5	<1
L839741	0.420	5	<2	1.47	5	<0.5	0.47	213	<5	<1
L839742	0.315	<5	<2	1.87	10	0.7	0.19	218	<5	<1
L839743	0.350	<5	<2	1.82	8	0.5	0.18	176	<5	<1
L839744	0.285	<5	<2	1.90	7	<0.5	0.23	212	<5	<1
L839745	0.280	5	<2	1.18	5	<0.5	0.10	83	<5	<1
L839746	0.395	<5	<2	2.41	8	0.9	0.62	96	<5	<1
L839747	0.380	<5	<2	2.12	7	0.7	0.32	119	<5	<1
L839748	0.330	<5	<2	1.89	10	0.6	0.30	163	<5	<1
L839749	0.295	<5	<2	1.48	11	<0.5	0.46	232	<5	<1
L839750	0.340	<5	<2	1.40	7	<0.5	0.45	239	<5	<1
L839776	0.370	<5	<2	1.30	14	<0.5	0.28	443	<5	<1
L839777	0.300	<5	<2	1.36	12	<0.5	0.39	672	<5	<1
L839778	0.360	<5	<2	2.16	6	0.9	0.61	416	<5	<1
L839779	0.300	<5	<2	1.51	11	<0.5	0.47	358	<5	<1
L839780	0.310	<5	<2	1.58	8	<0.5	0.45	343	<5	<1
L839781	0.305	5	<2	1.43	9	0.5	0.70	336	<5	<1
L839782	0.375	6	<2	1.42	8	0.7	0.71	320	<5	<1
L839783	0.300	7	<2	1.50	6	0.6	0.84	310	<5	<1
L839784	0.350	<5	<2	1.46	7	0.5	0.62	303	<5	<1
L839785	0.310	<5	<2	1.33	9	<0.5	0.45	243	<5	<1
L839786	0.315	6	<2	1.49	7	0.6	0.33	364	<5	<1
L839787	0.330	<5	<2	1.49	8	0.6	0.32	320	<5	<1
L839788	0.305	<5	<2	1.37	7	<0.5	0.36	273	<5	<1
L839789	0.460	<5	<2	1.36	6	0.5	0.63	198	<5	<1
L839790	0.320	6	<2	1.58	8	0.6	0.58	265	<5	<1
L839791	0.395	5	<2	1.66	8	0.6	0.48	249	<5	<1
L839792	0.490	7	<2	1.67	7	0.8	0.38	245	<5	<1

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

**WARNING:** The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Final : VC122265 Order: PO# 90403-05 YK029-AS

Page 3 of 9

Element Method Det.Lim. Units	WtKg WGH79 0.001 kg	Au FAA313 5 ppb	Ag ICP14B 2 ppm	Al ICP14B 0.01 %	As ICP14B 3 ppm	Be ICP14B 0.5 ppm	Ca ICP14B 0.01 %	Ba ICP14B 5 ppm	Bi ICP14B 5 ppm	Cd ICP14B 1 ppm
L839793	0.315	<5	<2	1.75	7	0.6	0.19	219	<5	<1
L839794	0.315	<5	<2	1.97	9	0.8	0.22	166	<5	<1
L839795	0.275	<5	<2	1.78	7	0.7	0.23	93	<5	<1
L839796	0.330	<5	<2	1.97	7	0.7	0.21	230	<5	<1
L839797	0.310	6	<2	2.02	7	0.8	0.18	211	<5	<1
L839798	0.395	<5	<2	1.39	8	<0.5	0.28	184	<5	<1
L839799	0.330	11	<2	1.38	6	0.6	0.50	220	<5	<1
L839800	0.320	<5	<2	0.08	<3	<0.5	>15.0	20	<5	<1
L839801	0.335	<5	<2	1.94	7	1.0	0.68	163	<5	<1
L839802	0.360	8	<2	1.51	7	<0.5	0.21	65	<5	<1
L839803	0.270	<5	<2	1.30	8	<0.5	0.24	134	<5	<1
L839804	0.310	<5	<2	1.59	10	<0.5	0.21	122	<5	<1
L839805	0.240	<5	<2	1.74	7	0.5	0.21	191	<5	<1
L839806	0.205	<5	<2	1.41	7	<0.5	0.26	257	<5	<1
L839807	0.175	<5	<2	1.73	10	<0.5	0.17	193	<5	<1
L839808	0.190	<5	<2	1.81	9	0.5	0.20	202	<5	<1
L839809	0.200	<5	<2	1.77	4	0.9	0.51	217	<5	<1
L839810	0.195	<5	<2	1.63	8	0.7	0.62	361	<5	<1
L839811	0.195	<5	<2	1.62	7	<0.5	0.30	194	<5	<1
L839812	0.160	<5	<2	1.47	4	<0.5	0.25	151	<5	<1
L839813	0.215	<5	<2	1.97	5	0.7	0.44	270	<5	<1
L839814	0.285	<5	<2	1.67	6	0.5	0.46	252	<5	<1
L839815	0.385	<5	<2	2.33	11	0.5	0.18	253	<5	<1
L839816	0.355	<5	<2	1.42	10	0.6	0.53	311	<5	<1
L839817	0.240	6	<2	1.50	6	0.6	0.56	290	<5	<1
L839818	0.265	<5	<2	1.71	10	0.6	0.25	178	<5	<1
L839819	0.205	<5	<2	1.51	8	0.6	0.20	177	<5	<1
L839820	0.315	<5	<2	2.06	7	0.7	0.18	137	<5	<1
L839821	0.290	<5	<2	2.70	10	0.8	0.47	222	<5	<1
L839822	0.445	7	<2	3.42	<3	1.5	0.79	124	<5	<1

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

**WARNING:** The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Final : VC122265 Order: PO# 90403-05 YK029-AS

Page 4 of 9

Element Method Det.Lim. Units	Co ICP14B 1 ppm	Cr ICP14B 1 ppm	Cu ICP14B 0.5 ppm	Fe ICP14B 0.01 %	Hg ICP14B 1 ppm	K ICP14B 0.01 %	La ICP14B 0.5 ppm	Li ICP14B 1 ppm	Mg ICP14B 0.01 %	Mn ICP14B 2 ppm
L839700	<1	2	<0.5	0.41	<1	0.04	2.8	<1	10.9	186
L839726	14	25	45.4	3.13	<1	0.09	12.1	7	0.34	1510
L839727	7	20	12.4	2.24	1	0.06	9.6	6	0.31	269
L839728	3	13	22.2	1.83	<1	0.08	15.4	3	0.18	185
L839729	7	24	19.7	2.36	1	0.05	10.3	10	0.45	372
L839730	12	28	43.7	2.97	<1	0.05	7.3	12	0.62	363
L839731	9	26	38.2	2.54	<1	0.04	11.1	12	0.61	274
L839732	5	24	18.0	2.13	<1	0.04	10.4	9	0.45	153
L839733	7	27	31.1	2.55	2	0.05	11.6	9	0.42	211
L839734	7	30	28.4	2.52	<1	0.04	12.7	9	0.44	216
L839735	8	30	27.9	2.43	<1	0.04	15.3	10	0.45	200
L839736	7	31	28.6	2.63	2	0.05	14.7	11	0.49	302
L839737	10	30	29.2	2.64	<1	0.05	16.1	10	0.53	441
L839738	8	27	25.6	2.50	2	0.05	15.3	11	0.50	342
L839739	10	31	33.8	2.83	2	0.08	17.1	13	0.59	492
L839740	8	27	25.9	2.59	2	0.06	15.0	11	0.51	317
L839741	6	27	22.3	2.45	1	0.04	15.4	11	0.46	144
L839742	8	33	9.1	2.96	2	0.10	9.9	11	0.49	409
L839743	8	30	10.9	2.93	<1	0.06	10.7	13	0.52	264
L839744	9	50	9.2	2.90	2	0.03	6.1	21	0.95	286
L839745	3	19	6.8	2.19	1	0.03	8.4	10	0.29	105
L839746	16	33	22.6	4.40	<1	0.10	10.9	29	1.32	488
L839747	9	27	18.6	3.39	<1	0.07	12.3	17	0.71	295
L839748	10	27	19.8	3.27	<1	0.10	10.5	18	0.73	294
L839749	8	26	20.6	2.45	1	0.08	16.7	14	0.56	284
L839750	7	27	20.8	2.42	2	0.07	15.7	14	0.56	282
L839776	8	24	38.1	3.00	<1	0.07	12.4	9	0.37	645
L839777	6	26	28.8	2.84	1	0.04	11.4	11	0.48	288
L839778	19	59	135	4.19	1	0.12	20.9	14	1.31	691
L839779	7	30	42.1	2.90	<1	0.04	12.5	10	0.53	280
L839780	8	29	39.8	2.66	2	0.04	12.2	10	0.55	412
L839781	9	27	30.2	2.65	3	0.04	13.7	9	0.49	453
L839782	11	31	36.7	2.76	<1	0.05	15.4	10	0.54	496
L839783	10	31	29.5	2.69	<1	0.05	15.3	10	0.52	330
L839784	8	29	27.0	2.46	2	0.04	14.1	10	0.47	238
L839785	6	27	23.3	2.30	2	0.04	14.6	10	0.43	183
L839786	8	32	23.7	2.47	1	0.04	15.6	11	0.46	336
L839787	8	34	24.1	2.48	1	0.04	13.6	11	0.50	322
L839788	6	27	15.6	2.08	<1	0.03	9.9	9	0.43	218
L839789	8	31	27.9	2.66	2	0.06	14.8	11	0.58	307
L839790	8	28	18.7	2.59	1	0.05	16.0	13	0.61	290
L839791	8	36	29.9	2.87	2	0.08	16.2	13	0.61	308
L839792	12	52	39.7	2.95	<1	0.07	27.3	10	0.68	305

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

**WARNING:** The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Final : VC122265 Order: PO# 90403-05 YK029-AS

Page 5 of 9

Element Method Det.Lim. Units	Co ICP14B 1 ppm	Cr ICP14B 1 ppm	Cu ICP14B 0.5 ppm	Fe ICP14B 0.01 %	Hg ICP14B 1 ppm	K ICP14B 0.01 %	La ICP14B 0.5 ppm	Li ICP14B 1 ppm	Mg ICP14B 0.01 %	Mn ICP14B 2 ppm
L839793	6	29	7.7	2.80	1	0.09	10.0	13	0.54	317
L839794	8	35	11.9	3.08	2	0.07	9.8	13	0.59	332
L839795	7	31	13.9	3.20	<1	0.15	9.4	16	0.65	304
L839796	9	34	17.3	2.96	2	0.05	9.0	14	0.60	260
L839797	9	32	30.7	2.99	<1	0.06	16.1	17	0.57	223
L839798	6	23	22.7	2.48	2	0.04	17.7	15	0.51	192
L839799	8	27	27.9	2.54	2	0.07	15.2	14	0.65	330
L839800	<1	2	2.3	0.42	<1	0.04	<0.5	2	12.7	183
L839801	14	43	24.1	3.65	<1	0.43	22.1	20	1.08	473
L839802	8	212	80.2	2.61	<1	0.15	9.1	24	0.82	193
L839803	7	172	25.4	2.10	2	0.11	10.9	10	0.77	190
L839804	6	28	11.1	2.92	<1	0.12	13.4	13	0.65	248
L839805	8	27	7.7	2.92	3	0.07	10.4	13	0.47	376
L839806	10	27	8.8	2.62	<1	0.07	11.2	10	0.43	457
L839807	6	26	7.8	2.84	<1	0.05	9.4	12	0.39	339
L839808	7	30	11.6	3.15	1	0.04	9.9	19	0.47	185
L839809	9	25	12.9	3.26	1	0.08	20.9	17	0.67	336
L839810	9	28	16.4	2.72	1	0.07	16.8	13	0.57	365
L839811	6	24	17.1	2.51	2	0.07	10.8	12	0.49	235
L839812	6	23	12.9	2.31	<1	0.05	11.9	10	0.38	171
L839813	10	29	18.9	3.23	<1	0.11	14.4	13	0.64	417
L839814	9	42	34.8	2.81	<1	0.06	14.2	12	0.62	247
L839815	11	51	35.3	3.44	2	0.04	7.0	17	0.68	261
L839816	7	25	23.1	2.47	2	0.06	16.4	13	0.57	316
L839817	9	28	21.0	2.55	<1	0.07	15.3	12	0.53	356
L839818	8	32	16.1	2.86	2	0.16	9.5	14	0.63	243
L839819	7	29	10.8	2.67	2	0.12	10.8	12	0.52	223
L839820	9	30	19.3	3.33	2	0.10	9.9	17	0.68	268
L839821	13	36	26.4	4.22	1	0.49	8.1	31	1.29	537
L839822	21	41	255	5.61	<1	0.93	11.5	36	2.06	617

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

**WARNING:** The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Element Method Det.Lim. Units	Mo ICP14B 1 ppm	Na ICP14B 0.01 %	Ni ICP14B 1 ppm	P ICP14B 0.01 %	Pb ICP14B 2 ppm	S ICP14B 0.01 %	Sb ICP14B 5 ppm	Sc ICP14B 0.5 ppm	Sn ICP14B 10 ppm	Sr ICP14B 0.5 ppm
L839700	<1	0.01	2	0.03	<2	<0.01	<5	<0.5	<10	41.5
L839726	3	0.02	29	0.04	10	0.01	<5	3.8	<10	17.2
L839727	2	0.02	14	0.09	8	<0.01	<5	2.4	<10	27.2
L839728	9	0.01	14	0.07	16	0.03	<5	1.1	<10	21.4
L839729	4	0.02	18	0.04	7	<0.01	<5	3.2	<10	24.5
L839730	1	0.04	21	0.03	5	<0.01	<5	4.0	<10	23.3
L839731	1	0.02	22	0.04	3	<0.01	<5	4.2	<10	26.2
L839732	2	0.02	16	0.05	5	<0.01	<5	2.8	<10	24.0
L839733	3	0.02	20	0.03	4	<0.01	<5	4.0	<10	21.7
L839734	2	0.02	22	0.04	8	<0.01	<5	4.6	<10	26.6
L839735	<1	0.02	21	0.05	6	<0.01	<5	5.1	<10	29.2
L839736	2	0.02	23	0.05	7	<0.01	<5	4.9	<10	34.5
L839737	<1	0.03	25	0.07	7	0.01	<5	4.9	<10	49.6
L839738	1	0.03	23	0.07	4	0.02	<5	4.3	<10	39.8
L839739	1	0.03	31	0.07	7	<0.01	<5	4.8	<10	42.8
L839740	1	0.02	25	0.07	4	0.01	<5	4.3	<10	45.5
L839741	<1	0.02	18	0.06	5	<0.01	<5	4.2	<10	33.0
L839742	<1	0.01	21	0.07	7	<0.01	<5	2.6	<10	17.9
L839743	<1	0.01	21	0.03	5	<0.01	<5	2.8	<10	16.8
L839744	<1	0.01	33	0.04	4	<0.01	<5	2.9	<10	16.4
L839745	1	0.01	7	0.04	7	<0.01	<5	1.6	<10	10.1
L839746	<1	0.02	16	0.20	5	<0.01	<5	3.7	<10	35.4
L839747	<1	0.02	13	0.07	8	<0.01	<5	3.9	<10	23.8
L839748	<1	0.02	14	0.09	5	<0.01	<5	3.1	<10	22.1
L839749	<1	0.02	17	0.08	4	0.01	<5	4.0	<10	32.5
L839750	<1	0.02	18	0.07	3	<0.01	<5	3.9	<10	31.1
L839776	3	0.02	31	0.04	8	0.01	<5	4.2	<10	24.2
L839777	2	0.02	21	0.04	5	<0.01	<5	4.8	<10	25.4
L839778	2	0.01	38	0.06	27	<0.01	<5	9.3	<10	31.9
L839779	3	0.02	26	0.03	6	<0.01	<5	5.9	<10	28.8
L839780	3	0.02	24	0.04	3	<0.01	<5	5.2	<10	29.3
L839781	1	0.02	25	0.07	6	0.02	<5	4.3	<10	46.2
L839782	<1	0.03	27	0.08	9	0.01	<5	5.3	<10	43.9
L839783	<1	0.03	24	0.07	7	0.02	<5	4.9	<10	51.5
L839784	1	0.02	23	0.07	7	0.01	<5	4.5	<10	39.5
L839785	1	0.02	21	0.06	5	<0.01	<5	4.2	<10	31.9
L839786	<1	0.02	24	0.04	6	<0.01	<5	5.2	<10	25.3
L839787	<1	0.02	22	0.03	5	<0.01	<5	5.3	<10	23.8
L839788	<1	0.02	17	0.03	6	<0.01	<5	3.8	<10	24.9
L839789	<1	0.03	23	0.08	3	<0.01	<5	4.5	<10	36.2
L839790	<1	0.02	18	0.07	5	<0.01	<5	4.3	<10	40.2
L839791	1	0.02	24	0.06	4	<0.01	<5	5.5	<10	31.3
L839792	<1	0.02	28	0.04	5	<0.01	<5	7.8	<10	28.0

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

**WARNING:** The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Element Method Det.Lim. Units	Mo ICP14B 1 ppm	Na ICP14B 0.01 %	Ni ICP14B 1 ppm	P ICP14B 0.01 %	Pb ICP14B 2 ppm	S ICP14B 0.01 %	Sb ICP14B 5 ppm	Sc ICP14B 0.5 ppm	Sn ICP14B 10 ppm	Sr ICP14B 0.5 ppm
L839793	<1	0.01	18	0.02	7	<0.01	<5	2.7	<10	18.0
L839794	<1	0.01	23	0.04	6	<0.01	<5	2.9	<10	25.6
L839795	<1	0.01	19	0.04	4	<0.01	<5	2.7	<10	27.1
L839796	<1	0.01	22	0.03	4	<0.01	<5	3.6	<10	19.5
L839797	<1	0.02	27	0.03	7	<0.01	<5	3.4	<10	16.7
L839798	<1	0.02	13	0.04	5	<0.01	<5	3.1	<10	21.3
L839799	1	0.03	22	0.08	6	<0.01	<5	4.2	<10	30.7
L839800	<1	0.01	1	0.04	<2	<0.01	<5	<0.5	<10	44.4
L839801	<1	0.03	20	0.13	4	0.01	<5	5.9	<10	38.9
L839802	2	0.03	39	0.05	4	<0.01	<5	1.9	<10	14.1
L839803	<1	0.01	41	0.02	5	<0.01	<5	2.0	<10	20.3
L839804	1	0.01	13	0.07	6	<0.01	<5	2.9	<10	18.6
L839805	2	0.01	17	0.04	5	<0.01	<5	2.4	<10	19.0
L839806	<1	0.01	18	0.06	7	<0.01	<5	2.3	<10	20.4
L839807	<1	0.01	16	0.03	21	<0.01	<5	1.9	<10	13.7
L839808	<1	0.01	20	0.05	8	<0.01	<5	2.6	<10	15.0
L839809	<1	0.02	15	0.11	5	0.02	<5	4.3	<10	32.1
L839810	<1	0.02	19	0.08	6	0.01	<5	4.8	<10	33.8
L839811	1	0.02	15	0.06	7	0.01	<5	2.7	<10	25.2
L839812	<1	0.02	11	0.08	11	<0.01	<5	2.2	<10	23.1
L839813	<1	0.02	16	0.09	13	<0.01	<5	4.6	<10	34.3
L839814	<1	0.02	21	0.06	8	<0.01	<5	5.7	<10	32.5
L839815	1	0.01	33	0.02	3	<0.01	<5	5.2	<10	16.3
L839816	<1	0.02	22	0.07	5	0.01	<5	4.2	<10	35.5
L839817	<1	0.02	18	0.08	10	0.02	<5	4.4	<10	35.8
L839818	<1	0.02	22	0.04	7	<0.01	<5	3.0	<10	25.3
L839819	<1	0.01	20	0.04	8	<0.01	<5	2.4	<10	18.5
L839820	<1	0.01	19	0.07	6	<0.01	<5	2.8	<10	15.0
L839821	<1	0.02	21	0.17	7	<0.01	<5	2.7	<10	23.8
L839822	<1	0.03	19	0.26	3	<0.01	<5	5.2	<10	46.4

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

**WARNING:** The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Final : VC122265 Order: PO# 90403-05 YK029-AS

Page 8 of 9

Element Method Det.Lim. Units	Ti ICP14B 0.01 %	V ICP14B 1 ppm	W ICP14B 10 ppm	Y ICP14B 0.5 ppm	Zn ICP14B 1 ppm	Zr ICP14B 0.5 ppm
L839700	<0.01	3	<10	1.2	13	0.8
L839726	0.06	66	<10	5.0	53	1.7
L839727	0.06	54	<10	2.2	36	1.3
L839728	0.03	44	<10	3.2	40	<0.5
L839729	0.06	59	<10	3.5	42	4.0
L839730	0.12	82	<10	3.1	48	3.7
L839731	0.10	60	<10	5.8	42	6.5
L839732	0.06	49	<10	3.7	38	3.4
L839733	0.07	50	<10	4.6	44	8.1
L839734	0.07	54	<10	6.1	41	5.3
L839735	0.09	57	<10	7.9	39	7.1
L839736	0.08	59	<10	8.0	42	6.8
L839737	0.08	59	<10	8.6	44	4.4
L839738	0.08	51	<10	8.6	48	3.4
L839739	0.11	58	<10	10.0	65	10.9
L839740	0.08	52	<10	8.4	44	4.4
L839741	0.08	51	<10	7.1	39	4.4
L839742	0.08	63	<10	2.1	58	1.1
L839743	0.07	66	<10	2.2	53	2.9
L839744	0.07	70	<10	1.7	36	3.1
L839745	0.07	51	<10	1.4	22	2.5
L839746	0.15	110	<10	3.6	83	2.4
L839747	0.13	80	<10	3.4	56	2.6
L839748	0.12	80	<10	2.6	47	4.3
L839749	0.09	54	<10	8.4	49	3.3
L839750	0.09	54	<10	8.0	50	4.4
L839776	0.05	59	<10	5.4	78	1.7
L839777	0.07	63	<10	5.6	47	4.1
L839778	0.06	94	<10	11.7	72	7.8
L839779	0.06	63	<10	6.3	51	5.5
L839780	0.06	62	<10	7.0	46	4.6
L839781	0.06	54	<10	8.2	40	5.1
L839782	0.08	59	<10	9.8	54	9.0
L839783	0.08	58	<10	8.3	47	6.0
L839784	0.08	53	<10	7.9	48	3.8
L839785	0.07	47	<10	7.6	40	3.0
L839786	0.07	55	<10	9.2	39	5.7
L839787	0.08	54	<10	6.8	36	9.2
L839788	0.07	50	<10	5.4	31	7.3
L839789	0.09	55	<10	8.1	51	4.6
L839790	0.11	60	<10	7.3	50	6.0
L839791	0.11	62	<10	8.9	52	10.8
L839792	0.12	67	<10	10.6	46	10.8

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

**WARNING:** The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.





Final : VC122265 Order: PO# 90403-05 YK029-AS

Page 9 of 9

Element Method Det.Lim. Units	Ti ICP14B 0.01 %	V ICP14B 1 ppm	W ICP14B 10 ppm	Y ICP14B 0.5 ppm	Zn ICP14B 1 ppm	Zr ICP14B 0.5 ppm
L839793	0.07	59	<10	2.4	49	4.4
L839794	0.10	65	<10	2.1	78	2.8
L839795	0.09	68	<10	2.1	49	1.6
L839796	0.07	61	<10	2.7	41	9.1
L839797	0.08	58	<10	3.5	42	8.2
L839798	0.08	51	<10	5.4	34	5.4
L839799	0.09	54	<10	9.1	60	7.3
L839800	<0.01	3	<10	1.2	9	<0.5
L839801	0.16	89	<10	7.1	62	4.6
L839802	0.12	72	<10	2.6	36	1.0
L839803	0.16	69	<10	2.6	32	1.2
L839804	0.12	81	<10	3.1	42	1.3
L839805	0.08	66	<10	1.8	51	1.9
L839806	0.08	62	<10	2.1	51	1.3
L839807	0.08	61	<10	1.6	42	3.1
L839808	0.06	65	<10	3.4	41	1.9
L839809	0.09	70	<10	9.9	58	1.7
L839810	0.08	56	<10	7.5	52	9.5
L839811	0.09	56	<10	3.8	47	1.5
L839812	0.08	58	<10	3.1	38	1.0
L839813	0.11	79	<10	4.9	64	3.2
L839814	0.11	62	<10	5.9	48	3.9
L839815	0.10	74	<10	2.5	45	5.1
L839816	0.09	50	<10	8.7	53	4.9
L839817	0.08	53	<10	7.1	50	3.8
L839818	0.09	65	<10	2.4	50	5.4
L839819	0.07	57	<10	2.2	45	1.9
L839820	0.10	74	<10	2.2	61	5.2
L839821	0.17	100	<10	2.2	70	3.0
L839822	0.26	142	<10	4.2	97	4.7

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

**WARNING:** The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.