



## Certificate of Analysis

Work Order: VC121380

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

Date: Jul 24, 2012

P.O. No. : PO#: SOLO-90403-05  
Project No. : -  
No. Of Samples : 72  
Date Submitted : Jun 29, 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 : VC121380 Order: PO#: SOLO-90403-05

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
L398564	0.270	<5	<2	3.15	49	1.1	0.35	323	<5	1
L398565	0.250	<5	<2	2.67	20	0.8	0.27	274	<5	<1
L398566	0.315	9	<2	2.62	32	0.7	0.24	394	<5	<1
L398567	0.235	<5	<2	2.11	33	0.7	0.24	347	<5	<1
L398568	0.260	<5	<2	3.18	17	0.8	0.23	513	<5	1
L398569	0.260	<5	<2	3.07	15	0.8	0.23	247	<5	<1
L398570	0.275	<5	<2	3.32	15	0.9	0.34	263	<5	<1
L398571	0.300	5	<2	2.45	12	0.9	0.60	536	<5	<1
L398572	0.270	5	<2	2.86	13	0.8	0.31	629	<5	<1
L398573	0.255	<5	<2	1.94	15	1.3	0.30	2280	<5	2
L398574	0.270	<5	<2	2.02	34	0.8	0.27	463	<5	1
L398575	0.365	<5	<2	1.97	19	0.8	0.38	590	<5	<1
L398576	0.290	<5	<2	2.20	16	0.8	0.36	434	<5	<1
L398577	0.285	<5	<2	2.03	12	0.7	0.39	309	<5	<1
L398578	0.330	<5	<2	2.66	26	1.0	0.44	393	<5	<1
L398579	0.300	<5	<2	2.67	51	1.1	0.35	458	<5	<1
L398580	0.440	<5	<2	2.59	54	1.6	0.15	496	<5	1
L398581	0.465	<5	<2	1.96	7	1.2	0.17	150	<5	<1
L398582	0.330	<5	<2	2.08	7	1.3	0.21	203	<5	<1
L398583	0.305	<5	<2	2.30	15	0.8	0.37	348	<5	<1
L398584	0.340	<5	<2	2.11	11	1.0	0.16	188	<5	<1
L398585	0.395	<5	<2	0.97	9	<0.5	0.38	116	<5	<1
L398586	0.370	<5	<2	1.35	18	0.6	0.06	306	<5	<1
L398587	0.295	<5	<2	2.53	23	0.8	0.33	1420	<5	<1
L398588	0.320	6	<2	1.60	92	0.8	0.23	341	<5	<1
L398589	0.300	<5	<2	3.64	3	1.3	0.32	1720	<5	<1
L398590	0.285	<5	<2	4.25	33	1.3	0.40	828	<5	<1
L398591	0.265	<5	<2	2.51	14	0.9	0.64	198	<5	<1
L398592	0.275	<5	<2	2.50	9	0.7	0.24	307	<5	<1
L398593	0.245	<5	<2	3.59	8	1.3	0.28	165	<5	1
L398594	0.310	<5	<2	2.86	6	0.9	0.22	145	<5	<1
L398595	0.270	<5	<2	1.84	6	0.7	0.38	103	<5	<1
L398596	0.320	<5	<2	2.25	8	1.6	0.25	405	<5	<1
L398597	0.280	8	<2	2.71	18	1.1	0.44	439	<5	<1
L398598	0.250	<5	<2	2.06	12	0.7	0.20	274	<5	<1
L398599	0.305	61	<2	2.04	21	0.7	0.31	284	<5	<1
L398600	0.310	<5	<2	0.08	4	<0.5	>15.0	25	<5	<1
L398601	0.205	<5	<2	2.23	21	0.6	0.29	581	<5	<1
L398602	0.265	<5	<2	2.38	23	0.6	0.20	384	<5	<1
L398603	0.265	<5	<2	1.71	25	0.6	0.23	444	<5	<1
L398604	0.230	6	<2	2.81	45	<0.5	0.28	593	<5	<1
L398605	0.435	7	<2	2.61	33	0.7	0.48	879	<5	<1
L398606	0.405	7	<2	2.62	31	0.7	0.45	494	<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 : VC121380 Order: PO#: SOLO-90403-05

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
L398607	0.355	6	<2	2.31	25	0.7	0.26	587	<5	<1
L398608	0.335	<5	<2	2.30	25	0.6	0.17	292	<5	<1
L398609	0.395	7	<2	1.68	12	0.8	0.12	250	<5	<1
L398610	0.290	6	<2	1.73	19	<0.5	0.23	225	<5	<1
L398611	0.375	5	<2	2.37	11	0.7	0.18	244	<5	<1
L398612	0.365	8	<2	2.51	10	0.7	0.18	247	<5	<1
L398613	0.395	6	<2	2.44	21	0.6	0.16	159	<5	<1
L398614	0.425	7	<2	1.86	15	<0.5	0.22	394	<5	<1
L398615	0.460	<5	<2	2.81	18	0.9	0.54	1000	<5	<1
L398616	0.445	6	<2	1.81	45	<0.5	0.24	446	<5	<1
L398617	0.315	<5	<2	3.14	17	0.8	0.47	231	<5	<1
L398618	0.300	<5	<2	3.11	15	0.6	0.36	270	<5	<1
L398619	0.280	<5	<2	2.49	9	0.6	0.20	180	<5	<1
L398620	0.285	<5	<2	2.54	4	0.6	0.19	132	<5	<1
L398621	0.320	<5	<2	2.88	8	0.8	0.45	469	<5	<1
L398622	0.325	<5	<2	1.62	11	<0.5	0.20	305	<5	<1
L398623	0.265	<5	<2	2.28	10	<0.5	0.16	309	<5	<1
L398624	0.360	<5	<2	2.24	15	0.7	0.25	465	<5	<1
L398625	0.325	<5	<2	2.43	17	0.9	0.16	502	<5	<1
L398626	0.285	6	<2	1.98	9	<0.5	0.37	349	<5	<1
L398627	0.375	5	<2	3.71	4	1.0	0.66	451	<5	<1
L398628	0.310	<5	<2	1.96	11	1.4	0.08	119	<5	<1
L398629	0.305	<5	<2	2.33	11	0.9	0.27	256	<5	<1
L398630	0.290	<5	<2	2.64	9	1.9	0.98	205	<5	<1
L398631	0.270	<5	<2	3.20	5	0.8	0.65	353	<5	<1
L398632	0.510	<5	<2	2.55	13	0.8	0.63	1210	<5	<1
L398633	0.345	<5	<2	1.10	23	0.6	0.06	759	<5	<1
L398634	0.420	6	<2	2.21	21	0.7	0.29	1870	<5	<1
L398635	0.360	5	<2	1.39	12	<0.5	0.04	158	<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 : VC121380 Order: PO#: SOLO-90403-05

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
L398564	25	74	50.9	4.94	<1	0.95	58.3	36	1.52	307
L398565	16	67	26.1	4.02	2	0.46	21.8	33	1.12	274
L398566	16	44	62.6	4.21	<1	0.79	33.0	13	1.15	613
L398567	10	42	52.2	3.41	<1	0.22	16.5	11	0.74	350
L398568	11	59	45.9	4.33	<1	0.16	12.3	17	0.78	344
L398569	11	48	24.4	3.33	<1	0.08	17.0	16	0.70	266
L398570	14	49	33.1	3.83	<1	0.07	12.2	15	0.80	354
L398571	12	53	49.4	3.67	<1	0.07	18.1	14	0.81	493
L398572	8	43	33.7	3.41	<1	0.05	14.3	13	0.54	216
L398573	17	91	98.0	6.06	1	0.55	31.6	7	0.68	400
L398574	10	44	46.1	3.70	<1	0.07	20.8	12	0.54	347
L398575	11	47	58.4	3.50	<1	0.08	22.6	12	0.61	399
L398576	11	45	45.3	3.24	<1	0.06	22.4	13	0.62	367
L398577	10	41	28.4	2.94	<1	0.05	16.3	12	0.59	302
L398578	13	50	44.4	3.46	1	0.06	18.9	14	0.62	331
L398579	13	43	60.2	3.62	1	0.07	20.0	10	0.45	375
L398580	16	36	76.2	4.63	<1	0.28	23.4	7	0.43	845
L398581	5	16	10.8	2.12	<1	0.25	24.3	8	0.32	163
L398582	12	75	29.4	2.88	<1	0.40	65.7	10	0.97	560
L398583	10	49	32.8	3.27	2	0.10	17.7	12	0.72	257
L398584	7	20	14.7	3.10	<1	0.39	19.3	13	0.44	380
L398585	13	35	53.6	1.28	<1	0.17	<0.5	10	0.63	141
L398586	8	43	65.9	3.20	1	0.41	32.7	10	0.61	123
L398587	9	48	86.6	3.57	1	0.89	23.7	15	1.34	917
L398588	9	35	53.4	3.04	<1	0.09	26.9	8	0.48	307
L398589	15	112	42.9	4.36	2	1.21	16.6	35	1.88	517
L398590	21	150	52.8	5.16	<1	1.13	9.6	30	2.17	466
L398591	13	22	23.7	5.14	<1	0.43	51.9	19	1.14	810
L398592	14	55	34.7	3.91	1	0.59	14.3	18	1.01	362
L398593	23	92	37.2	5.46	<1	1.13	11.0	51	1.70	449
L398594	19	75	45.2	4.82	<1	1.38	18.2	42	1.28	535
L398595	18	171	27.5	2.29	<1	0.35	20.1	16	1.40	390
L398596	12	80	30.8	4.00	2	0.80	38.5	11	1.26	352
L398597	13	53	50.2	3.44	<1	0.08	20.5	14	0.75	363
L398598	8	37	34.7	3.29	2	0.10	13.2	11	0.72	283
L398599	10	42	35.5	3.26	<1	0.13	16.3	13	0.78	362
L398600	<1	3	<0.5	0.41	<1	0.05	<0.5	1	12.6	194
L398601	11	31	41.3	3.84	<1	0.40	22.7	11	0.94	483
L398602	9	49	62.6	3.60	<1	0.35	16.1	14	1.01	449
L398603	9	40	47.3	2.76	<1	0.11	15.0	10	0.59	322
L398604	12	56	54.6	4.46	<1	0.13	18.7	16	0.75	449
L398605	13	83	65.4	4.16	<1	0.07	22.7	14	0.82	491
L398606	13	60	62.6	3.88	<1	0.06	23.1	15	0.68	490

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 : VC121380 Order: PO#: SOLO-90403-05

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
L398607	12	56	74.4	3.91	<1	0.10	28.8	13	0.63	552
L398608	11	61	73.5	3.89	<1	0.10	49.2	13	0.69	351
L398609	15	34	48.9	3.44	<1	0.74	85.9	11	0.74	803
L398610	18	40	50.8	3.34	<1	0.11	24.6	15	0.52	1020
L398611	18	44	58.5	4.44	<1	0.91	43.9	15	1.07	696
L398612	16	45	63.2	4.18	<1	0.70	34.1	20	1.03	520
L398613	12	42	26.5	3.92	<1	0.40	26.6	15	0.70	395
L398614	12	55	76.2	3.38	<1	0.35	38.5	14	0.81	430
L398615	14	123	102	4.57	<1	0.34	44.1	14	1.09	373
L398616	16	50	50.6	3.75	<1	0.10	23.6	14	0.62	479
L398617	22	81	44.4	4.97	<1	0.97	58.7	36	1.78	460
L398618	16	36	13.2	5.49	<1	1.13	48.5	27	1.11	375
L398619	15	49	27.5	3.88	<1	0.41	35.8	25	0.76	406
L398620	14	63	33.9	4.12	<1	1.04	42.3	31	1.03	380
L398621	15	57	23.4	4.47	<1	1.35	43.9	27	1.38	515
L398622	9	30	48.0	2.50	<1	0.07	28.2	11	0.43	242
L398623	12	46	44.8	3.90	<1	0.23	15.9	14	0.72	355
L398624	13	48	66.5	3.65	<1	0.18	24.0	14	0.75	481
L398625	13	64	56.4	4.10	<1	0.58	28.0	10	1.01	319
L398626	11	54	32.2	3.46	<1	0.18	20.1	17	0.81	335
L398627	23	89	39.0	5.67	<1	1.54	45.4	48	1.98	731
L398628	7	18	8.8	3.75	<1	0.39	73.1	12	0.34	432
L398629	11	41	25.5	3.31	<1	0.13	33.4	17	0.62	290
L398630	21	88	69.7	5.48	<1	0.79	63.9	13	1.35	858
L398631	32	147	54.1	5.34	<1	0.86	26.8	22	2.02	563
L398632	18	46	71.4	5.00	<1	0.12	25.8	17	0.93	849
L398633	12	30	86.3	3.48	<1	0.14	39.6	5	0.32	122
L398634	12	59	62.9	3.51	<1	0.07	24.7	14	0.60	308
L398635	8	51	55.9	2.94	<1	0.39	35.1	12	0.47	189

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 : VC121380 Order: PO#: SOLO-90403-05

Page 6 of 9

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
L398564	<1	0.03	66	0.08	11	0.10	<5	7.3	<10	40.8
L398565	<1	0.02	42	0.06	12	<0.01	<5	6.8	<10	23.0
L398566	1	0.02	32	0.08	10	0.11	<5	5.4	<10	27.0
L398567	2	0.02	26	0.05	14	0.05	<5	4.5	<10	25.3
L398568	1	0.02	34	0.04	10	0.07	<5	5.6	<10	28.0
L398569	<1	0.02	24	0.03	8	0.03	<5	8.1	<10	24.8
L398570	<1	0.03	34	0.03	6	<0.01	<5	6.9	<10	32.4
L398571	<1	0.04	32	0.04	8	<0.01	<5	10.5	<10	49.8
L398572	1	0.02	24	0.04	11	<0.01	<5	6.1	<10	32.2
L398573	7	0.03	64	0.17	13	0.42	<5	12.7	<10	46.1
L398574	2	0.02	33	0.03	13	0.05	<5	7.5	<10	39.0
L398575	2	0.02	40	0.05	9	<0.01	<5	8.2	<10	33.7
L398576	<1	0.02	31	0.03	8	<0.01	<5	8.3	<10	32.4
L398577	<1	0.02	25	0.04	7	<0.01	<5	5.8	<10	31.8
L398578	<1	0.03	31	0.02	12	<0.01	<5	9.2	<10	39.8
L398579	1	0.02	36	0.04	12	<0.01	<5	9.5	<10	41.4
L398580	1	0.01	38	0.07	15	<0.01	<5	9.7	<10	20.4
L398581	<1	0.02	11	0.02	3	<0.01	<5	3.1	<10	15.4
L398582	<1	0.01	47	0.01	12	<0.01	<5	6.2	<10	15.7
L398583	<1	0.02	30	0.02	9	<0.01	<5	8.4	<10	29.9
L398584	<1	0.01	12	0.03	8	<0.01	<5	4.5	<10	15.5
L398585	<1	0.02	32	0.04	<2	<0.01	<5	1.8	<10	6.0
L398586	<1	0.01	45	0.05	7	0.04	<5	5.7	<10	21.1
L398587	1	0.02	26	0.11	6	0.06	<5	9.9	<10	35.6
L398588	2	0.01	33	0.03	8	<0.01	<5	5.9	<10	29.5
L398589	<1	0.02	37	0.11	7	<0.01	<5	13.6	<10	17.4
L398590	<1	0.02	46	0.07	4	<0.01	<5	10.8	<10	27.1
L398591	<1	0.01	18	0.19	15	<0.01	<5	14.4	<10	63.8
L398592	<1	0.02	33	0.06	10	<0.01	<5	5.1	<10	22.4
L398593	<1	0.02	77	0.03	7	0.01	<5	4.2	<10	25.4
L398594	<1	0.01	59	0.06	9	<0.01	<5	4.8	<10	12.9
L398595	<1	0.02	86	0.03	<2	<0.01	<5	5.1	<10	14.0
L398596	<1	0.02	33	0.05	12	<0.01	<5	9.7	<10	22.1
L398597	1	0.02	32	0.02	12	<0.01	<5	10.7	<10	49.2
L398598	2	0.02	20	0.04	15	0.05	<5	4.6	<10	21.7
L398599	1	0.02	26	0.04	11	0.02	<5	5.4	<10	31.7
L398600	<1	0.01	2	0.03	<2	<0.01	<5	<0.5	<10	44.8
L398601	1	0.02	22	0.08	6	0.04	<5	4.1	<10	24.8
L398602	2	0.02	26	0.04	14	0.10	<5	5.1	<10	22.9
L398603	<1	0.02	28	0.04	9	0.02	<5	4.9	<10	21.1
L398604	4	0.02	32	0.08	16	0.01	<5	5.8	<10	33.9
L398605	1	0.03	47	0.04	10	<0.01	<5	13.6	<10	45.3
L398606	1	0.03	31	0.04	12	<0.01	<5	12.5	<10	45.0

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.



Final : VC121380 Order: PO#: SOLO-90403-05

Page 7 of 9

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
L398607	2	0.02	39	0.05	11	<0.01	<5	11.6	<10	35.6
L398608	2	0.02	34	0.06	11	<0.01	<5	9.0	<10	35.1
L398609	1	0.01	44	0.04	12	<0.01	<5	6.3	<10	16.4
L398610	2	0.02	31	0.08	11	<0.01	<5	5.0	<10	25.6
L398611	<1	0.02	46	0.04	7	<0.01	<5	7.8	<10	18.5
L398612	2	0.02	31	0.05	18	0.03	<5	5.4	<10	20.0
L398613	1	0.01	27	0.04	17	0.03	<5	4.0	<10	20.8
L398614	2	0.02	32	0.05	16	<0.01	<5	8.1	<10	24.7
L398615	2	0.02	72	0.13	14	<0.01	<5	13.1	<10	53.9
L398616	2	0.02	38	0.07	10	<0.01	<5	4.3	<10	27.2
L398617	<1	0.02	55	0.10	9	<0.01	<5	5.1	<10	35.3
L398618	1	0.02	22	0.15	66	<0.01	<5	4.4	<10	32.0
L398619	<1	0.02	34	0.03	10	<0.01	<5	5.5	<10	24.2
L398620	<1	0.02	36	0.05	31	<0.01	<5	4.6	<10	27.8
L398621	<1	0.02	34	0.14	12	<0.01	<5	7.5	<10	24.5
L398622	2	0.02	29	0.04	13	<0.01	<5	4.6	<10	34.0
L398623	2	0.02	26	0.05	11	<0.01	<5	4.7	<10	28.8
L398624	2	0.02	35	0.03	10	0.02	<5	9.0	<10	32.7
L398625	2	0.02	38	0.06	42	0.10	<5	6.4	<10	29.3
L398626	1	0.02	31	0.06	12	<0.01	<5	5.9	<10	31.1
L398627	<1	0.02	46	0.16	17	<0.01	<5	14.3	<10	29.3
L398628	1	0.02	8	0.04	31	<0.01	<5	4.7	<10	10.5
L398629	<1	0.02	28	0.02	12	<0.01	<5	5.5	<10	27.9
L398630	2	0.01	70	0.15	17	<0.01	<5	9.1	<10	30.5
L398631	2	0.03	99	0.15	9	0.04	5	7.4	<10	31.6
L398632	1	0.04	45	0.12	6	<0.01	<5	12.1	<10	46.1
L398633	2	0.01	33	0.07	7	<0.01	<5	5.7	<10	30.4
L398634	1	0.02	36	0.03	9	<0.01	<5	10.0	<10	32.2
L398635	<1	0.01	37	0.04	12	<0.01	<5	5.1	<10	6.1

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 : VC121380 Order: PO#: SOLO-90403-05

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
L398564	0.16	82	<10	12.1	118	5.4
L398565	0.16	84	<10	9.0	76	3.4
L398566	0.22	83	<10	9.6	82	1.9
L398567	0.18	89	<10	7.2	64	2.3
L398568	0.16	104	<10	4.2	78	9.3
L398569	0.16	87	<10	6.2	52	15.2
L398570	0.19	98	<10	5.8	51	13.0
L398571	0.19	99	<10	16.2	56	12.3
L398572	0.18	91	<10	8.0	49	9.1
L398573	0.10	198	<10	17.9	440	2.6
L398574	0.13	86	<10	8.6	89	8.4
L398575	0.17	83	<10	14.6	101	10.9
L398576	0.16	80	<10	15.1	70	12.1
L398577	0.16	79	<10	8.0	64	8.4
L398578	0.16	92	<10	12.2	62	22.9
L398579	0.16	85	<10	14.7	62	42.7
L398580	0.18	101	<10	20.0	107	36.2
L398581	0.09	40	<10	8.8	52	2.1
L398582	0.09	33	<10	23.8	98	17.2
L398583	0.18	83	<10	8.6	45	16.9
L398584	0.11	44	<10	5.6	80	2.3
L398585	0.15	29	<10	2.0	13	1.8
L398586	0.07	59	<10	13.1	106	4.3
L398587	0.16	134	<10	14.0	78	4.6
L398588	0.09	70	<10	8.3	106	6.6
L398589	0.24	121	<10	9.5	116	3.8
L398590	0.24	162	<10	5.9	115	4.3
L398591	0.06	99	<10	22.6	98	6.5
L398592	0.19	122	<10	4.9	98	6.0
L398593	0.34	91	<10	3.6	111	5.9
L398594	0.25	45	<10	8.1	78	4.9
L398595	0.16	48	<10	6.2	19	5.9
L398596	0.17	67	<10	11.5	97	3.8
L398597	0.17	98	<10	13.7	54	15.9
L398598	0.18	95	<10	4.1	66	4.4
L398599	0.16	81	<10	6.8	63	8.4
L398600	<0.01	2	<10	1.1	9	<0.5
L398601	0.24	77	<10	8.6	63	2.3
L398602	0.19	85	<10	6.4	80	5.4
L398603	0.13	65	<10	8.7	67	1.8
L398604	0.16	116	<10	8.7	93	1.6
L398605	0.16	107	<10	20.5	98	15.5
L398606	0.14	97	<10	19.7	62	21.1

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 : VC121380 Order: PO#: SOLO-90403-05

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
L398607	0.12	94	<10	22.7	103	11.7
L398608	0.10	89	<10	14.5	94	8.2
L398609	0.10	41	<10	54.8	159	1.9
L398610	0.11	78	<10	10.6	87	0.7
L398611	0.16	55	<10	16.1	111	6.7
L398612	0.18	66	<10	8.7	96	5.8
L398613	0.12	56	<10	5.5	73	2.9
L398614	0.13	76	<10	25.1	97	7.1
L398615	0.18	107	<10	31.8	186	10.7
L398616	0.12	74	<10	7.7	125	1.3
L398617	0.20	81	<10	9.4	105	4.1
L398618	0.17	64	<10	12.3	57	3.9
L398619	0.13	56	<10	13.0	77	3.2
L398620	0.13	42	<10	19.2	90	1.9
L398621	0.18	67	<10	22.0	84	3.9
L398622	0.09	62	<10	17.8	78	3.4
L398623	0.18	102	<10	6.1	75	1.9
L398624	0.14	86	<10	15.1	78	12.9
L398625	0.15	118	<10	11.5	121	3.9
L398626	0.16	93	<10	9.1	72	6.6
L398627	0.17	88	<10	25.0	120	5.1
L398628	0.08	37	<10	20.4	77	8.8
L398629	0.14	73	<10	10.9	59	16.1
L398630	0.10	116	<10	36.6	161	3.9
L398631	0.31	108	<10	9.9	77	6.6
L398632	0.15	111	<10	20.6	113	9.4
L398633	0.03	55	<10	17.2	128	3.6
L398634	0.12	86	<10	20.1	65	14.4
L398635	0.08	59	<10	18.2	99	4.4

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.