



## Certificate of Analysis

Work Order: VC121956

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


Date: Sep 12, 2012

P.O. No. : PO#: MHR-90403-05/SHIPMENT: YK015-MHR  
Project No. : -  
No. Of Samples : 70  
Date Submitted : Aug 10, 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.



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
L401818	0.246	<5	<2	0.91	4	<0.5	0.26	161	<5	<1
L401819	0.346	<5	<2	1.76	11	<0.5	0.30	256	<5	<1
L401820	0.294	5	<2	1.82	18	<0.5	0.39	268	<5	<1
L401821	0.370	10	<2	2.53	27	0.7	0.51	441	<5	<1
L401822	0.376	9	<2	2.51	24	0.6	0.45	343	<5	<1
L401823	0.452	5	<2	3.05	19	0.7	0.47	310	<5	<1
L401824	0.388	<5	<2	3.29	16	0.5	0.32	241	<5	<1
L401825	0.448	<5	<2	3.29	10	0.5	0.42	190	<5	<1
L401826	0.514	<5	<2	2.55	9	0.6	0.70	255	<5	<1
L401827	0.432	<5	<2	3.10	8	0.6	0.55	267	<5	<1
L401828	0.422	<5	<2	3.37	12	0.5	0.26	203	<5	1
L401829	0.384	<5	<2	3.13	10	0.5	0.33	181	<5	<1
L401830	0.246	<5	<2	1.94	5	<0.5	0.28	198	<5	<1
L401831	0.502	<5	<2	3.47	23	0.8	0.30	647	<5	1
L401832	0.456	<5	<2	2.54	11	0.5	0.16	223	<5	<1
L401833	0.412	16	<2	3.61	97	0.6	0.29	317	<5	<1
L401834	0.432	<5	<2	2.78	14	0.6	0.30	238	<5	<1
L401835	0.296	<5	<2	2.83	16	<0.5	0.38	235	<5	<1
L401836	0.424	<5	<2	2.77	9	<0.5	0.22	183	<5	<1
L401837	0.360	<5	<2	1.98	5	<0.5	0.40	210	<5	<1
L401838	0.190	<5	<2	1.31	4	<0.5	0.33	190	<5	<1
L401839	0.404	<5	<2	1.12	4	<0.5	0.27	120	<5	<1
L401840	0.534	<5	<2	2.33	6	<0.5	0.44	214	<5	<1
L401841	0.730	6	<2	2.13	6	<0.5	0.43	236	<5	<1
L401842	0.690	7	<2	2.16	7	<0.5	0.44	261	<5	<1
L401843	0.530	9	<2	2.11	10	<0.5	0.38	332	<5	<1
L401844	0.410	14	<2	2.24	37	0.6	0.83	400	<5	<1
L401916	0.244	11	<2	2.05	21	<0.5	0.69	258	<5	<1
L401917	0.438	5	<2	2.21	21	0.5	0.53	262	<5	<1
L401919	0.206	<5	<2	2.02	8	0.5	0.32	225	<5	<1
L401951	0.196	<5	<2	2.51	6	0.6	0.62	233	<5	<1
L401952	0.116	6	<2	2.18	7	<0.5	0.37	133	<5	<1
L401953	0.088	<5	<2	0.59	<3	<0.5	0.07	40	<5	<1
L401954	0.156	<5	<2	2.43	7	<0.5	0.41	219	<5	<1
L401955	0.144	5	<2	2.36	18	<0.5	0.28	215	<5	<1
L401956	0.206	<5	<2	2.34	16	<0.5	0.34	244	<5	<1
L401957	0.192	9	<2	2.11	224	<0.5	0.28	258	<5	<1
L401958	0.184	11	<2	2.47	147	0.6	0.36	367	<5	<1
L401959	0.270	7	<2	2.85	18	0.6	0.27	312	<5	<1
L401960	0.204	7	<2	2.25	11	<0.5	0.41	327	<5	<1
L401961	0.290	7	<2	2.15	9	0.5	0.47	333	<5	<1
L401962	0.204	<5	<2	2.65	7	0.5	0.40	320	<5	<1
L401963	0.202	21	<2	2.24	102	<0.5	0.36	316	<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.



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
L401964	0.152	12	<2	2.72	19	<0.5	0.41	309	<5	<1
L401965	0.194	7	<2	2.01	73	<0.5	0.42	319	<5	<1
L401966	0.204	7	<2	2.33	15	<0.5	0.41	316	<5	<1
L401967	0.180	7	<2	2.33	24	<0.5	0.38	312	<5	<1
L401968	0.090	<5	<2	1.43	5	<0.5	0.31	244	<5	<1
L401969	0.102	7	<2	1.87	9	<0.5	0.77	494	<5	<1
L401970	0.258	58	<2	2.11	430	<0.5	0.46	372	<5	<1
L401971	0.214	6	<2	2.55	79	<0.5	0.35	305	<5	<1
L401972	0.166	33	<2	1.29	270	<0.5	0.28	245	<5	<1
L401973	0.122	15	<2	2.61	58	0.7	0.42	548	<5	<1
L401974	0.176	31	<2	1.70	561	<0.5	0.30	174	<5	<1
L401975	0.184	5	<2	3.11	36	0.5	0.21	281	<5	1
L401976	0.134	10	<2	1.20	61	<0.5	0.29	248	<5	<1
L401977	0.180	9	<2	2.70	49	0.6	0.32	364	<5	<1
L401978	0.204	13	<2	3.41	26	0.6	0.32	260	<5	<1
L401979	0.180	6	<2	3.53	46	0.6	0.34	292	<5	<1
L401980	0.172	6	<2	1.92	239	<0.5	0.12	124	<5	1
L401981	0.222	11	<2	1.46	147	<0.5	0.32	211	<5	<1
L401982	0.160	9	<2	3.80	31	0.8	0.27	247	<5	<1
L401983	0.254	<5	<2	2.90	13	0.7	0.43	247	<5	<1
L401984	0.312	27	<2	2.12	163	<0.5	0.61	389	<5	<1
L401985	0.222	29	<2	2.10	97	<0.5	0.36	308	<5	<1
L401986	0.290	18	<2	2.73	40	0.6	0.37	281	<5	<1
L401987	0.226	10	<2	3.22	174	0.8	0.38	298	<5	1
L401988	0.164	<5	<2	2.03	8	<0.5	0.22	134	<5	<1
L401989	0.146	<5	<2	2.45	8	<0.5	0.24	200	<5	<1
L401990	0.144	<5	<2	2.18	9	<0.5	0.43	260	<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.



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
L401818	4	16	12.2	1.66	<1	0.07	8.3	5	0.28	272
L401819	7	23	12.6	2.93	<1	0.07	13.8	11	0.47	359
L401820	8	26	15.6	3.15	<1	0.08	19.6	12	0.47	342
L401821	13	30	19.6	3.91	<1	0.17	33.5	25	0.73	907
L401822	11	37	20.6	3.46	<1	0.05	23.1	22	0.71	384
L401823	13	38	24.7	4.01	<1	0.07	14.1	18	0.80	483
L401824	13	38	20.8	4.04	<1	0.08	11.0	19	0.73	378
L401825	13	39	21.2	4.48	<1	0.06	12.8	24	0.76	395
L401826	13	42	30.6	3.89	<1	0.07	20.0	20	0.87	527
L401827	14	39	23.8	4.16	<1	0.07	19.8	22	0.93	497
L401828	24	25	46.2	5.71	<1	0.21	22.2	29	1.14	1570
L401829	12	40	24.9	3.84	<1	0.05	11.1	18	0.67	283
L401830	7	23	13.7	2.70	<1	0.06	23.1	13	0.53	316
L401831	16	31	23.5	5.60	<1	0.26	26.9	24	0.99	916
L401832	17	26	14.0	4.76	<1	0.17	13.3	20	0.60	1400
L401833	17	41	22.5	4.37	<1	0.13	18.5	23	0.73	739
L401834	15	33	19.8	3.96	<1	0.14	19.5	19	0.65	783
L401835	11	32	16.5	3.89	<1	0.08	11.9	20	0.72	394
L401836	12	26	13.5	4.11	<1	0.15	14.8	23	0.71	612
L401837	10	23	13.4	2.90	<1	0.13	15.5	18	0.58	708
L401838	16	18	11.4	1.96	<1	0.06	18.0	8	0.29	2330
L401839	5	16	14.4	1.78	<1	0.06	13.3	7	0.34	360
L401840	17	25	12.4	4.25	<1	0.14	18.0	25	0.81	1420
L401841	11	31	13.8	3.35	<1	0.08	19.3	21	0.73	464
L401842	11	30	14.5	3.52	<1	0.09	22.7	21	0.74	658
L401843	11	27	13.2	3.37	<1	0.09	24.1	18	0.63	521
L401844	12	36	29.1	3.49	<1	0.11	44.7	16	0.71	488
L401916	11	29	12.1	3.82	<1	0.14	20.2	20	0.78	714
L401917	13	27	12.5	3.91	<1	0.17	26.1	21	0.80	746
L401919	13	27	15.1	3.05	<1	0.07	23.5	16	0.55	1170
L401951	16	36	23.9	3.86	<1	0.09	16.4	23	0.84	668
L401952	10	34	18.5	3.38	<1	0.06	10.1	14	0.66	353
L401953	2	7	6.8	0.90	<1	0.03	2.6	2	0.10	53
L401954	10	31	19.7	3.20	<1	0.07	9.2	15	0.57	351
L401955	9	30	17.1	3.47	<1	0.05	9.5	15	0.57	267
L401956	11	32	16.1	3.86	<1	0.07	13.2	16	0.64	431
L401957	11	24	13.9	4.08	<1	0.23	15.6	14	0.61	566
L401958	11	27	21.4	3.84	<1	0.11	20.7	18	0.50	1000
L401959	13	30	19.7	4.25	<1	0.13	21.7	17	0.67	488
L401960	11	27	14.6	4.14	<1	0.11	25.1	16	0.65	629
L401961	10	33	19.2	3.49	<1	0.07	20.6	15	0.62	384
L401962	13	33	17.9	3.77	<1	0.10	18.2	18	0.67	908
L401963	11	32	15.9	3.44	<1	0.08	17.1	13	0.57	523

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	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
L401964	11	37	17.3	3.67	<1	0.08	11.6	18	0.69	361
L401965	9	27	15.7	3.48	<1	0.11	17.8	19	0.62	402
L401966	12	33	15.4	3.87	<1	0.15	12.3	16	0.68	815
L401967	13	30	16.1	3.51	<1	0.09	13.8	19	0.65	561
L401968	9	19	15.9	2.20	<1	0.06	13.0	9	0.34	541
L401969	8	23	19.0	2.41	<1	0.09	24.1	10	0.38	544
L401970	10	28	19.6	3.51	<1	0.09	16.9	16	0.57	424
L401971	10	27	16.5	3.73	<1	0.08	17.4	26	0.74	464
L401972	6	20	12.6	2.14	<1	0.08	12.2	7	0.35	511
L401973	13	32	20.9	3.25	<1	0.12	29.7	18	0.46	1850
L401974	8	25	13.3	2.85	<1	0.10	9.0	11	0.47	354
L401975	14	44	18.7	4.73	<1	0.06	11.6	20	0.64	421
L401976	6	14	8.4	1.96	<1	0.08	21.1	8	0.37	301
L401977	12	39	24.6	3.59	<1	0.06	15.4	16	0.66	343
L401978	17	43	24.0	3.92	<1	0.07	9.4	18	0.75	368
L401979	14	45	26.3	4.26	<1	0.05	10.2	19	0.80	307
L401980	12	19	10.4	5.04	<1	0.11	25.4	14	0.39	616
L401981	6	22	15.1	2.72	<1	0.10	18.7	9	0.47	257
L401982	18	45	33.7	4.22	<1	0.07	12.8	19	0.74	391
L401983	16	21	21.2	4.37	<1	0.59	11.5	27	1.23	631
L401984	14	24	15.0	3.44	<1	0.12	15.9	20	0.82	643
L401985	12	25	20.6	3.13	<1	0.06	14.4	14	0.57	383
L401986	16	35	23.3	3.91	<1	0.09	15.6	21	0.81	613
L401987	21	16	21.0	5.52	<1	0.37	38.6	30	1.12	977
L401988	7	27	15.7	2.91	<1	0.05	8.8	13	0.41	167
L401989	11	35	18.4	3.87	<1	0.06	8.9	15	0.54	337
L401990	11	28	17.6	3.35	<1	0.09	16.8	19	0.66	508

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
L401818	<1	0.03	7	0.02	6	0.01	<5	2.1	<10	22.0
L401819	<1	0.03	12	0.05	6	0.01	<5	3.6	<10	22.4
L401820	<1	0.03	14	0.05	7	0.01	<5	4.4	<10	29.1
L401821	<1	0.03	16	0.08	10	0.01	<5	7.1	<10	33.6
L401822	<1	0.03	21	0.03	8	<0.01	<5	5.9	<10	35.8
L401823	<1	0.03	26	0.05	7	<0.01	<5	6.4	<10	36.3
L401824	<1	0.03	23	0.04	8	<0.01	<5	5.5	<10	27.7
L401825	<1	0.03	21	0.03	8	<0.01	<5	6.5	<10	35.7
L401826	<1	0.05	26	0.06	5	<0.01	<5	9.1	<10	50.4
L401827	<1	0.04	23	0.05	5	<0.01	<5	7.7	<10	43.0
L401828	<1	0.02	13	0.06	16	<0.01	<5	7.7	<10	19.8
L401829	<1	0.03	24	0.04	8	<0.01	<5	5.9	<10	25.6
L401830	<1	0.03	12	0.02	8	<0.01	<5	4.4	<10	24.3
L401831	<1	0.02	20	0.04	11	<0.01	<5	11.2	<10	24.7
L401832	<1	0.02	14	0.07	11	<0.01	<5	6.2	<10	16.4
L401833	<1	0.03	26	0.06	8	<0.01	<5	7.3	<10	25.9
L401834	<1	0.03	20	0.09	10	<0.01	<5	7.3	<10	24.8
L401835	<1	0.03	19	0.04	6	<0.01	<5	6.0	<10	33.8
L401836	<1	0.03	15	0.05	9	<0.01	<5	6.2	<10	17.5
L401837	<1	0.03	13	0.07	6	0.03	<5	5.5	<10	31.1
L401838	<1	0.03	8	0.10	7	0.09	<5	2.5	<10	30.5
L401839	<1	0.03	7	0.06	7	0.03	<5	2.0	<10	23.7
L401840	<1	0.03	15	0.09	11	<0.01	<5	6.4	<10	26.9
L401841	<1	0.03	19	0.06	8	<0.01	<5	5.4	<10	28.0
L401842	<1	0.03	18	0.06	7	0.01	<5	5.6	<10	29.4
L401843	<1	0.03	16	0.05	8	0.01	<5	5.5	<10	26.6
L401844	<1	0.05	24	0.08	6	0.04	<5	9.4	<10	57.8
L401916	<1	0.05	15	0.09	6	0.02	<5	6.2	<10	43.1
L401917	<1	0.04	16	0.09	10	0.01	<5	7.7	<10	32.2
L401919	<1	0.03	14	0.09	7	0.04	<5	4.8	<10	24.4
L401951	<1	0.04	21	0.07	7	<0.01	<5	6.7	<10	41.0
L401952	<1	0.03	20	0.03	6	<0.01	<5	4.9	<10	27.7
L401953	<1	0.03	4	0.02	<2	0.01	<5	1.0	<10	7.6
L401954	<1	0.02	18	0.04	7	0.02	<5	5.0	<10	31.0
L401955	<1	0.02	17	0.03	7	<0.01	<5	4.6	<10	22.2
L401956	<1	0.02	19	0.03	8	<0.01	<5	4.8	<10	26.8
L401957	<1	0.02	12	0.04	12	<0.01	<5	5.5	<10	25.1
L401958	2	0.03	15	0.05	11	0.01	<5	5.3	<10	33.8
L401959	4	0.02	18	0.05	7	<0.01	<5	7.2	<10	22.5
L401960	2	0.02	14	0.07	12	<0.01	<5	7.5	<10	28.0
L401961	<1	0.03	17	0.04	6	<0.01	<5	6.7	<10	37.8
L401962	<1	0.02	18	0.05	7	0.01	<5	6.0	<10	33.8
L401963	<1	0.02	17	0.05	8	0.01	<5	5.3	<10	29.1

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.



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
L401964	<1	0.03	20	0.03	7	<0.01	<5	4.5	<10	33.5
L401965	<1	0.02	16	0.03	8	<0.01	6	5.1	<10	36.3
L401966	<1	0.03	17	0.04	7	<0.01	<5	4.8	<10	32.9
L401967	<1	0.02	18	0.06	7	<0.01	<5	5.3	<10	27.3
L401968	<1	0.03	11	0.03	6	0.02	<5	3.2	<10	27.9
L401969	<1	0.02	15	0.06	5	0.06	<5	5.2	<10	62.8
L401970	<1	0.03	17	0.04	9	0.01	234	5.6	<10	38.5
L401971	<1	0.03	15	0.03	7	<0.01	<5	5.4	<10	30.3
L401972	<1	0.03	10	0.02	7	0.01	18	3.0	<10	25.3
L401973	1	0.03	18	0.06	10	0.02	<5	8.9	<10	39.9
L401974	<1	0.02	14	0.03	8	0.02	<5	3.2	<10	26.4
L401975	1	0.02	25	0.04	11	<0.01	<5	4.5	<10	23.9
L401976	<1	0.03	7	0.03	7	0.02	<5	3.5	<10	27.8
L401977	<1	0.03	26	0.02	6	<0.01	<5	7.1	<10	31.5
L401978	<1	0.03	32	0.04	6	<0.01	<5	6.5	<10	28.1
L401979	<1	0.03	28	0.02	7	<0.01	<5	6.1	<10	34.5
L401980	1	0.02	7	0.05	13	<0.01	<5	7.2	<10	12.7
L401981	<1	0.02	10	0.02	9	<0.01	<5	4.0	<10	27.8
L401982	<1	0.03	31	0.04	7	<0.01	<5	7.4	<10	29.8
L401983	<1	0.03	12	0.07	4	<0.01	<5	6.8	<10	25.6
L401984	<1	0.03	14	0.05	6	<0.01	<5	6.9	<10	44.7
L401985	<1	0.03	16	0.05	6	0.02	10	6.7	<10	29.4
L401986	<1	0.03	20	0.04	7	<0.01	<5	8.0	<10	32.0
L401987	<1	0.02	9	0.08	5	<0.01	<5	16.4	<10	28.5
L401988	<1	0.02	15	0.03	7	<0.01	<5	3.6	<10	20.4
L401989	1	0.02	20	0.03	8	<0.01	<5	3.9	<10	21.9
L401990	<1	0.04	16	0.03	6	<0.01	<5	4.7	<10	35.4

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.



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
L401818	0.12	52	<10	2.2	32	2.2
L401819	0.11	70	<10	5.8	44	2.0
L401820	0.11	78	<10	7.5	47	3.2
L401821	0.16	83	<10	15.6	65	5.6
L401822	0.17	91	<10	7.9	53	12.2
L401823	0.18	97	<10	7.2	56	12.9
L401824	0.16	93	<10	4.7	54	12.8
L401825	0.24	117	<10	4.8	57	10.9
L401826	0.25	106	<10	14.5	58	16.6
L401827	0.24	106	<10	10.8	61	21.5
L401828	0.36	126	<10	5.7	96	5.1
L401829	0.20	102	<10	4.9	51	14.3
L401830	0.13	72	<10	6.2	40	4.7
L401831	0.19	108	<10	9.6	89	18.3
L401832	0.16	97	<10	5.7	76	5.1
L401833	0.15	94	<10	10.3	69	11.5
L401834	0.15	90	<10	10.2	67	5.6
L401835	0.16	100	<10	5.4	56	14.6
L401836	0.17	97	<10	5.9	70	5.3
L401837	0.14	69	<10	7.1	66	1.8
L401838	0.07	45	<10	5.5	35	0.6
L401839	0.10	42	<10	4.7	34	0.9
L401840	0.16	92	<10	8.8	79	2.2
L401841	0.16	80	<10	8.9	70	3.3
L401842	0.16	85	<10	11.0	68	2.8
L401843	0.13	82	<10	11.1	62	2.0
L401844	0.15	83	<10	32.8	57	5.8
L401916	0.18	92	<10	10.5	67	3.6
L401917	0.16	82	<10	13.2	76	4.4
L401919	0.11	65	<10	9.2	65	1.2
L401951	0.26	103	<10	9.1	66	17.2
L401952	0.22	93	<10	4.1	53	6.9
L401953	0.05	20	<10	0.8	14	<0.5
L401954	0.14	80	<10	4.6	50	3.4
L401955	0.14	90	<10	3.6	48	4.3
L401956	0.14	98	<10	4.5	58	6.8
L401957	0.16	101	<10	5.2	64	3.7
L401958	0.08	83	<10	8.4	57	2.2
L401959	0.15	92	<10	7.1	67	9.5
L401960	0.10	93	<10	10.5	69	12.6
L401961	0.14	89	<10	13.1	50	9.6
L401962	0.16	91	<10	9.3	56	5.0
L401963	0.13	87	<10	7.6	56	4.0

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	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
L401964	0.17	91	<10	4.7	51	10.5
L401965	0.14	85	<10	8.5	56	6.3
L401966	0.16	95	<10	4.4	63	4.1
L401967	0.15	86	<10	6.6	56	6.0
L401968	0.11	63	<10	5.3	30	2.7
L401969	0.10	56	<10	18.1	35	4.0
L401970	0.12	82	<10	8.3	52	7.5
L401971	0.15	91	<10	6.4	56	5.8
L401972	0.11	59	<10	4.6	37	2.0
L401973	0.08	73	<10	18.1	50	4.1
L401974	0.11	72	<10	2.8	46	2.1
L401975	0.16	112	<10	3.4	65	11.2
L401976	0.10	52	<10	8.2	36	1.9
L401977	0.14	84	<10	13.0	48	11.2
L401978	0.17	95	<10	5.0	51	20.8
L401979	0.18	106	<10	4.4	54	15.2
L401980	0.10	103	<10	5.8	70	2.4
L401981	0.16	84	<10	4.8	48	2.1
L401982	0.17	97	<10	6.1	60	24.0
L401983	0.36	118	<10	9.0	71	5.5
L401984	0.16	84	<10	5.0	60	5.1
L401985	0.10	69	<10	10.4	49	2.1
L401986	0.18	104	<10	9.1	65	4.6
L401987	0.17	110	<10	10.3	80	4.4
L401988	0.16	83	<10	3.2	33	4.0
L401989	0.16	103	<10	3.0	56	8.8
L401990	0.18	90	<10	7.9	48	6.0

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.