



Certificate of Analysis

Work Order: VC121954

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


Date: Sep 19, 2012

P.O. No. : PO#: MHR-90403-05/SHIPMENT: YK015-MHR
Project No. : -
No. Of Samples : 74
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. 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 : VC121954 Order: PO#: MHR-90403-05/SHIPMENT: YK015-MHR

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
L401536	0.538	8	<2	2.70	13	<0.5	0.56	248	<5	<1
L401537	0.448	<5	<2	2.05	19	<0.5	0.50	495	<5	<1
L401538	0.362	<5	<2	1.45	10	<0.5	0.19	125	<5	<1
L401539	0.662	8	<2	2.41	9	<0.5	0.46	345	<5	<1
L401540	0.480	<5	<2	2.78	11	<0.5	0.49	469	<5	<1
L401541	0.466	<5	<2	3.15	15	<0.5	0.36	343	<5	<1
L401542	0.400	<5	<2	2.02	11	<0.5	0.32	194	<5	<1
L401543	0.338	<5	<2	3.26	14	<0.5	0.20	164	<5	<1
L401544	0.490	5	<2	2.44	10	<0.5	0.45	285	<5	<1
L401545	0.558	6	<2	2.63	14	<0.5	0.46	344	<5	<1
L401546	0.246	<5	<2	3.71	14	<0.5	0.15	149	<5	<1
L401547	0.422	6	<2	2.49	60	<0.5	0.13	140	<5	<1
L401548	0.478	<5	<2	3.04	7	<0.5	0.36	337	<5	<1
L401549	0.412	<5	<2	3.24	12	<0.5	0.22	245	<5	<1
L401550	0.410	13	<2	3.23	11	<0.5	0.21	241	<5	<1
L401551	0.542	8	<2	1.85	19	<0.5	0.42	177	<5	<1
L401552	0.212	<5	<2	2.22	12	<0.5	0.41	202	<5	<1
L401553	0.242	10	<2	1.99	8	<0.5	0.46	202	<5	<1
L401554	0.258	12	<2	2.16	6	<0.5	0.48	206	<5	<1
L401555	0.222	7	<2	1.97	7	<0.5	0.40	179	<5	<1
L401556	0.102	<5	<2	1.90	14	<0.5	0.54	205	<5	<1
L401557	0.168	<5	<2	1.95	13	<0.5	0.42	186	8	<1
L401558	0.236	11	<2	2.24	7	<0.5	0.42	201	<5	<1
L401559	0.276	9	<2	2.06	6	<0.5	0.52	190	<5	<1
L401560	0.258	7	<2	2.34	9	<0.5	0.51	189	<5	<1
L401561	0.256	<5	<2	2.25	9	<0.5	0.45	216	<5	<1
L401562	0.266	8	<2	2.53	12	<0.5	0.37	206	<5	<1
L401563	0.362	6	<2	2.46	10	<0.5	0.68	212	5	<1
L401564	0.204	5	<2	2.30	7	<0.5	0.64	204	<5	<1
L401565	0.254	6	<2	1.95	9	<0.5	0.47	165	<5	<1
L401566	0.110	9	<2	1.27	6	<0.5	0.12	65	<5	<1
L401567	0.402	6	<2	1.07	7	<0.5	0.18	67	<5	<1
L401568	0.136	<5	<2	1.12	7	<0.5	0.09	85	<5	<1
L401569	0.366	<5	<2	3.61	9	<0.5	0.45	308	<5	<1
L401570	0.318	8	<2	3.90	12	<0.5	0.52	402	<5	<1
L401571	0.256	7	<2	2.74	11	<0.5	0.48	170	<5	<1
L401572	0.312	6	<2	3.46	10	<0.5	0.51	242	6	<1
L401573	0.274	8	<2	3.40	20	<0.5	0.26	216	<5	<1
L401574	0.324	6	<2	3.35	13	<0.5	0.75	275	<5	<1
L401575	0.278	6	<2	3.48	11	<0.5	0.48	267	<5	<1
L401576	0.234	6	<2	3.69	13	<0.5	0.51	315	<5	<1
L401577	0.214	5	<2	3.07	7	<0.5	0.18	192	<5	<1
L401578	0.254	14	<2	2.88	13	<0.5	0.21	208	<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. 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
L401579	0.260	5	<2	3.11	15	<0.5	0.23	261	<5	<1
L401580	0.258	8	<2	3.13	17	<0.5	0.17	188	<5	<1
L401581	0.250	6	<2	2.41	8	<0.5	0.37	259	<5	<1
L401582	0.274	5	<2	2.53	8	<0.5	0.41	225	<5	<1
L401583	0.258	6	<2	2.74	9	<0.5	0.44	231	<5	<1
L401584	0.192	8	<2	2.70	13	<0.5	0.13	111	<5	<1
L401585	0.116	11	<2	1.97	5	<0.5	0.16	128	<5	<1
L401586	0.320	7	<2	2.38	7	<0.5	0.46	222	<5	<1
L401587	0.310	6	<2	1.96	9	<0.5	0.40	265	<5	<1
L401588	0.314	7	<2	1.94	9	<0.5	0.53	352	<5	<1
L401589	0.162	9	<2	2.25	7	<0.5	0.32	372	<5	<1
L401590	0.322	9	<2	2.16	12	<0.5	0.50	440	<5	<1
L401591	0.162	10	<2	1.86	7	<0.5	0.74	369	<5	<1
L401592	0.282	6	<2	2.28	14	<0.5	0.41	313	<5	<1
L401593	0.176	6	<2	1.10	4	<0.5	0.23	166	<5	<1
L401594	0.288	10	<2	2.80	12	<0.5	0.34	297	<5	<1
L401595	0.176	9	<2	1.23	5	<0.5	0.09	70	<5	<1
L401596	0.300	5	<2	2.63	10	<0.5	0.42	623	<5	<1
L401597	0.272	41	<2	3.03	20	<0.5	0.18	299	<5	<1
L401598	0.290	8	<2	3.26	13	<0.5	0.30	334	<5	<1
L401599	0.256	8	<2	3.08	11	<0.5	0.20	277	<5	<1
L401600	0.284	171	<2	0.08	<3	<0.5	>15.0	26	<5	<1
L401601	0.478	<5	<2	1.76	11	<0.5	0.36	180	<5	<1
L401602	0.358	<5	<2	1.83	7	<0.5	0.32	172	<5	<1
L401603	0.414	32	<2	1.65	5	<0.5	0.32	140	<5	<1
L401604	0.508	7	<2	1.68	7	<0.5	0.33	163	<5	<1
L401605	0.520	7	<2	1.63	4	<0.5	0.31	164	<5	<1
L401606	0.470	8	<2	1.74	10	<0.5	0.35	170	<5	<1
L401607	0.222	11	<2	1.54	10	<0.5	0.31	154	<5	<1
L401608	0.324	<5	<2	1.36	9	<0.5	0.28	121	<5	<1
L401609	0.280	7	<2	1.51	7	<0.5	0.30	137	<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. 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 : VC121954 Order: PO#: MHR-90403-05/SHIPMENT: YK015-MHR

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
L401536	13	32	27.7	4.65	<1	0.09	24.2	26	0.87	363
L401537	10	28	21.0	3.71	<1	0.13	27.7	17	0.65	542
L401538	5	18	9.5	2.94	<1	0.07	14.6	8	0.39	238
L401539	10	31	18.3	4.20	<1	0.14	22.3	19	0.75	597
L401540	13	22	17.1	5.35	<1	0.35	45.5	24	0.88	1230
L401541	13	22	17.0	4.95	<1	0.28	39.1	28	0.92	977
L401542	11	25	14.7	3.64	<1	0.09	16.8	15	0.60	624
L401543	11	29	17.6	5.32	<1	0.15	16.8	27	0.63	501
L401544	11	30	20.5	4.05	<1	0.10	16.7	19	0.75	581
L401545	10	33	25.8	3.81	<1	0.09	27.6	22	0.72	427
L401546	8	38	20.5	4.65	<1	0.05	19.6	18	0.43	240
L401547	10	24	14.7	5.46	<1	0.15	27.8	17	0.54	777
L401548	15	25	16.9	5.20	<1	0.27	35.8	36	0.93	1410
L401549	14	28	19.9	4.16	<1	0.16	15.9	18	0.67	519
L401550	14	28	20.5	4.18	<1	0.16	17.3	18	0.66	517
L401551	9	23	10.9	3.72	<1	0.15	14.4	15	0.59	600
L401552	8	28	15.3	3.10	<1	0.07	13.9	15	0.59	346
L401553	7	25	13.1	3.09	<1	0.07	16.6	14	0.52	386
L401554	9	26	12.9	3.23	<1	0.07	15.8	16	0.56	386
L401555	7	26	12.9	2.52	<1	0.06	14.5	13	0.53	255
L401556	9	23	15.0	2.77	<1	0.07	16.5	12	0.48	597
L401557	11	23	11.1	3.03	<1	0.07	14.7	14	0.53	739
L401558	11	27	12.7	3.15	<1	0.07	13.5	18	0.58	550
L401559	8	23	13.7	2.99	<1	0.08	19.5	16	0.56	415
L401560	8	27	14.8	3.51	<1	0.08	14.1	19	0.62	555
L401561	9	28	14.2	3.22	<1	0.07	15.3	17	0.58	412
L401562	11	29	13.8	3.57	<1	0.07	13.9	18	0.60	596
L401563	13	32	29.9	4.05	<1	0.08	20.2	23	0.79	410
L401564	10	31	31.9	3.46	<1	0.08	19.2	18	0.70	287
L401565	11	24	20.3	3.30	<1	0.06	23.9	16	0.53	340
L401566	4	16	13.5	2.28	<1	0.04	6.5	6	0.21	137
L401567	4	15	9.0	2.09	<1	0.05	6.9	8	0.30	402
L401568	3	14	21.9	1.79	<1	0.02	9.4	3	0.09	93
L401569	13	21	14.4	4.74	<1	0.11	24.3	34	1.11	1160
L401570	14	31	27.5	5.09	<1	0.23	28.4	32	1.18	960
L401571	9	38	35.0	3.74	2	0.06	20.9	17	0.73	399
L401572	13	20	14.3	4.86	<1	0.20	27.0	33	0.94	1570
L401573	16	35	30.2	4.63	<1	0.16	14.7	24	0.73	902
L401574	12	24	21.7	4.80	<1	0.16	36.9	31	0.98	1160
L401575	11	29	21.4	4.55	<1	0.09	29.6	31	0.86	827
L401576	14	27	14.1	5.90	<1	0.20	30.4	49	1.13	1060
L401577	10	30	19.1	4.19	<1	0.07	13.3	16	0.55	361
L401578	12	30	22.3	4.14	<1	0.06	12.8	21	0.67	517

This document is issued by the Company under its General Conditions of Service accessible at 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 : VC121954 Order: PO#: MHR-90403-05/SHIPMENT: YK015-MHR

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
L401579	12	34	27.6	4.33	<1	0.09	24.1	19	0.76	595
L401580	13	34	25.7	4.30	<1	0.09	13.3	21	0.71	496
L401581	9	35	27.8	3.52	<1	0.06	16.9	14	0.67	382
L401582	11	22	18.4	3.47	<1	0.07	17.6	20	0.70	863
L401583	11	31	23.4	3.97	<1	0.06	26.6	21	0.73	680
L401584	8	34	19.8	4.36	<1	0.03	9.3	15	0.39	253
L401585	7	21	12.7	3.68	<1	0.04	7.4	17	0.45	312
L401586	11	29	26.3	3.51	<1	0.07	21.3	21	0.75	265
L401587	8	27	22.0	3.40	<1	0.06	16.1	14	0.61	345
L401588	12	29	31.2	3.79	<1	0.11	23.9	16	0.72	530
L401589	6	23	22.7	3.38	<1	0.06	26.6	12	0.38	255
L401590	11	30	35.8	4.46	<1	0.18	40.0	16	0.68	470
L401591	12	24	30.8	3.49	<1	0.13	45.9	14	0.58	1410
L401592	9	28	24.6	3.43	<1	0.07	22.6	15	0.64	430
L401593	3	11	15.7	1.48	<1	0.04	19.3	4	0.14	145
L401594	11	27	22.3	4.42	<1	0.14	33.2	21	0.64	729
L401595	4	18	15.0	2.48	<1	0.05	9.3	7	0.27	207
L401596	12	12	11.2	5.33	<1	0.46	84.4	34	1.11	1540
L401597	13	18	13.8	5.06	<1	0.26	33.6	31	0.84	1240
L401598	11	25	20.7	4.71	<1	0.21	34.7	22	0.89	749
L401599	13	34	19.9	4.35	<1	0.10	14.2	17	0.65	862
L401600	<1	2	<0.5	0.47	<1	0.05	3.5	<1	11.1	199
L401601	12	21	9.3	4.10	<1	0.24	12.8	14	0.64	1060
L401602	6	24	14.0	3.05	<1	0.06	13.4	12	0.53	309
L401603	6	22	10.6	2.83	<1	0.09	12.3	12	0.51	272
L401604	6	22	10.7	2.95	<1	0.11	12.4	13	0.53	333
L401605	9	21	9.8	3.20	<1	0.13	14.0	13	0.53	495
L401606	7	22	10.3	3.15	<1	0.08	11.8	12	0.54	362
L401607	7	22	9.7	2.76	<1	0.07	10.6	10	0.46	358
L401608	6	20	6.7	2.92	<1	0.05	9.0	9	0.46	310
L401609	8	20	9.0	2.74	<1	0.06	9.8	10	0.51	431

This document is issued by the Company under its General Conditions of Service accessible at 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 : VC121954 Order: PO#: MHR-90403-05/SHIPMENT: YK015-MHR

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
L401536	<1	0.03	18	0.05	9	<0.01	<5	10.3	<10	30.0
L401537	<1	0.03	16	0.06	6	<0.01	6	9.3	<10	33.7
L401538	<1	0.02	8	0.02	7	<0.01	<5	4.1	<10	17.4
L401539	<1	0.03	17	0.04	5	<0.01	<5	8.4	<10	31.8
L401540	<1	0.02	14	0.10	8	<0.01	<5	10.4	<10	26.2
L401541	<1	0.02	15	0.06	10	<0.01	<5	9.2	<10	22.3
L401542	<1	0.03	15	0.04	3	<0.01	<5	4.9	<10	20.7
L401543	2	0.02	16	0.04	9	<0.01	<5	6.5	<10	15.4
L401544	<1	0.03	20	0.03	9	<0.01	<5	6.3	<10	30.3
L401545	<1	0.03	24	0.06	7	<0.01	<5	8.7	<10	30.1
L401546	<1	0.02	16	0.04	8	<0.01	<5	6.1	<10	15.0
L401547	2	0.02	11	0.06	14	<0.01	<5	8.1	<10	13.6
L401548	<1	0.02	17	0.07	8	<0.01	6	10.3	<10	20.2
L401549	<1	0.02	19	0.03	7	<0.01	<5	6.8	<10	19.8
L401550	<1	0.02	20	0.03	7	<0.01	<5	6.8	<10	19.3
L401551	<1	0.03	12	0.06	7	<0.01	<5	4.3	<10	24.8
L401552	<1	0.03	15	0.06	8	0.02	<5	5.1	<10	29.1
L401553	<1	0.03	13	0.06	5	0.03	5	4.9	<10	29.8
L401554	<1	0.03	14	0.06	5	0.02	<5	5.0	<10	32.5
L401555	<1	0.03	15	0.05	5	0.02	<5	4.6	<10	26.4
L401556	<1	0.03	13	0.06	5	0.06	<5	4.1	<10	41.2
L401557	<1	0.03	13	0.05	8	0.02	<5	4.4	<10	28.8
L401558	<1	0.03	14	0.04	7	<0.01	<5	5.2	<10	28.6
L401559	<1	0.03	13	0.06	7	0.02	<5	5.7	<10	33.6
L401560	<1	0.03	14	0.05	6	<0.01	<5	5.0	<10	34.4
L401561	<1	0.03	15	0.05	5	0.01	<5	5.5	<10	31.2
L401562	<1	0.03	15	0.05	8	<0.01	<5	5.0	<10	25.8
L401563	<1	0.04	21	0.05	10	<0.01	<5	9.3	<10	35.9
L401564	<1	0.04	21	0.05	6	<0.01	<5	7.9	<10	37.1
L401565	<1	0.03	13	0.05	6	0.02	<5	6.5	<10	27.5
L401566	<1	0.02	8	0.02	8	0.02	6	2.0	<10	11.7
L401567	<1	0.03	7	0.03	6	0.01	<5	2.7	<10	13.5
L401568	<1	0.02	6	0.03	5	0.02	<5	1.5	<10	12.9
L401569	<1	0.03	11	0.02	9	<0.01	<5	11.1	<10	142
L401570	<1	0.03	21	0.05	10	<0.01	8	10.3	<10	44.2
L401571	<1	0.03	25	0.03	6	<0.01	<5	7.9	<10	40.4
L401572	<1	0.02	14	0.11	10	<0.01	<5	9.5	<10	54.9
L401573	2	0.02	19	0.03	12	<0.01	<5	7.5	<10	26.6
L401574	<1	0.03	16	0.07	9	<0.01	<5	10.9	<10	40.0
L401575	<1	0.03	12	0.02	8	<0.01	<5	11.4	<10	50.5
L401576	1	0.02	16	0.05	13	<0.01	10	9.7	<10	24.5
L401577	<1	0.02	19	0.04	6	<0.01	<5	4.6	<10	16.1
L401578	<1	0.02	21	0.02	9	<0.01	<5	5.1	<10	15.6

This document is issued by the Company under its General Conditions of Service accessible at 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 : VC121954 Order: PO#: MHR-90403-05/SHIPMENT: YK015-MHR

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
L401579	<1	0.02	22	0.03	6	<0.01	<5	6.9	<10	21.4
L401580	<1	0.02	24	0.04	6	<0.01	<5	6.4	<10	15.2
L401581	<1	0.02	26	0.03	4	<0.01	<5	6.6	<10	33.1
L401582	<1	0.02	16	0.06	5	<0.01	<5	6.5	<10	34.3
L401583	<1	0.02	19	0.04	11	<0.01	6	9.3	<10	32.3
L401584	<1	0.02	18	0.02	5	<0.01	<5	4.2	<10	14.1
L401585	<1	0.02	13	0.03	8	<0.01	<5	3.1	<10	13.8
L401586	<1	0.02	18	0.05	9	<0.01	<5	8.0	<10	24.9
L401587	<1	0.02	16	0.05	2	<0.01	<5	5.9	<10	29.6
L401588	<1	0.03	21	0.05	7	<0.01	<5	8.7	<10	34.8
L401589	1	0.02	14	0.05	5	0.02	<5	7.8	<10	26.9
L401590	1	0.02	19	0.06	8	<0.01	<5	11.9	<10	34.4
L401591	1	0.02	16	0.08	6	0.03	<5	11.0	<10	53.1
L401592	<1	0.02	21	0.06	7	<0.01	<5	7.0	<10	27.7
L401593	<1	0.02	6	0.05	<2	0.05	<5	2.9	<10	20.6
L401594	1	0.02	19	0.05	10	<0.01	<5	8.5	<10	27.9
L401595	<1	0.02	8	0.02	9	0.01	<5	2.2	<10	10.0
L401596	<1	0.02	5	0.12	10	<0.01	<5	11.6	<10	20.6
L401597	<1	0.02	10	0.06	12	<0.01	<5	9.3	<10	12.9
L401598	<1	0.02	16	0.06	6	<0.01	<5	7.4	<10	22.9
L401599	1	0.02	23	0.04	6	<0.01	<5	5.4	<10	18.2
L401600	<1	0.01	2	0.03	<2	<0.01	<5	<0.5	<10	44.3
L401601	<1	0.02	9	0.06	7	<0.01	<5	3.9	<10	21.3
L401602	<1	0.02	14	0.05	7	0.02	<5	3.7	<10	25.0
L401603	<1	0.02	11	0.06	5	0.02	<5	3.5	<10	22.2
L401604	<1	0.02	12	0.05	7	0.01	<5	3.7	<10	23.1
L401605	<1	0.02	11	0.05	7	<0.01	<5	3.6	<10	20.1
L401606	<1	0.02	11	0.06	7	0.02	<5	3.6	<10	23.2
L401607	<1	0.02	11	0.06	5	0.03	<5	3.3	<10	22.0
L401608	<1	0.02	9	0.05	6	<0.01	<5	2.7	<10	17.7
L401609	<1	0.02	11	0.04	7	0.01	<5	3.0	<10	21.4

This document is issued by the Company under its General Conditions of Service accessible at 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 : VC121954 Order: PO#: MHR-90403-05/SHIPMENT: YK015-MHR

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
L401536	0.20	112	<10	13.0	63	23.1
L401537	0.16	91	<10	15.6	67	9.6
L401538	0.17	109	<10	3.3	42	6.1
L401539	0.17	99	<10	7.9	69	9.2
L401540	0.17	109	<10	16.0	89	7.3
L401541	0.17	97	<10	10.0	87	8.1
L401542	0.15	86	<10	5.6	57	2.8
L401543	0.17	121	<10	4.9	67	12.3
L401544	0.17	91	<10	6.9	62	10.1
L401545	0.14	89	<10	15.3	63	2.9
L401546	0.12	95	<10	8.3	47	20.2
L401547	0.12	117	<10	8.0	82	4.6
L401548	0.20	100	<10	12.5	97	8.1
L401549	0.13	88	<10	6.7	63	11.1
L401550	0.13	87	<10	6.4	62	10.7
L401551	0.17	97	<10	6.1	61	3.9
L401552	0.15	77	<10	6.0	62	3.1
L401553	0.14	85	<10	6.7	55	3.2
L401554	0.15	82	<10	6.5	62	3.2
L401555	0.14	61	<10	5.8	55	3.5
L401556	0.12	64	<10	6.2	54	3.5
L401557	0.14	77	<10	5.5	58	2.8
L401558	0.16	77	<10	5.3	60	3.9
L401559	0.15	72	<10	8.8	60	4.5
L401560	0.17	87	<10	6.3	63	4.4
L401561	0.16	82	<10	7.2	61	4.3
L401562	0.16	88	<10	5.6	66	3.3
L401563	0.22	107	<10	13.8	67	18.8
L401564	0.19	93	<10	12.7	59	19.8
L401565	0.15	78	<10	12.8	47	6.0
L401566	0.13	80	<10	1.7	28	3.3
L401567	0.10	61	<10	2.5	33	2.5
L401568	0.08	54	<10	3.0	26	1.2
L401569	0.26	112	<10	9.1	67	16.6
L401570	0.31	113	<10	13.6	86	12.2
L401571	0.19	100	<10	13.6	51	16.8
L401572	0.26	97	<10	16.9	84	9.9
L401573	0.20	107	<10	5.2	65	30.0
L401574	0.33	109	<10	18.8	82	14.8
L401575	0.28	106	<10	9.9	67	41.8
L401576	0.35	130	<10	17.5	86	21.2
L401577	0.10	87	<10	6.2	59	12.3
L401578	0.16	93	<10	4.2	60	11.2

This document is issued by the Company under its General Conditions of Service accessible at 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 : VC121954 Order: PO#: MHR-90403-05/SHIPMENT: YK015-MHR

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
L401579	0.12	91	<10	8.7	65	13.9
L401580	0.15	97	<10	6.7	64	13.9
L401581	0.13	86	<10	9.9	50	12.1
L401582	0.18	77	<10	11.6	56	3.1
L401583	0.18	95	<10	15.1	63	14.6
L401584	0.13	110	<10	4.0	47	16.0
L401585	0.14	97	<10	2.8	43	10.1
L401586	0.14	85	<10	11.4	60	9.5
L401587	0.11	85	<10	9.3	58	4.1
L401588	0.14	90	<10	14.5	66	12.8
L401589	0.07	68	<10	16.1	41	2.1
L401590	0.10	92	<10	28.7	72	11.1
L401591	0.09	79	<10	38.3	59	5.7
L401592	0.11	77	<10	13.4	62	4.5
L401593	0.04	30	<10	11.5	21	0.8
L401594	0.11	87	<10	13.7	71	5.2
L401595	0.10	76	<10	2.4	31	1.2
L401596	0.17	87	<10	23.6	102	5.8
L401597	0.12	85	<10	11.7	88	9.5
L401598	0.12	82	<10	11.2	71	9.8
L401599	0.13	95	<10	5.3	72	8.7
L401600	<0.01	3	<10	1.2	12	0.5
L401601	0.17	101	10	5.8	63	8.0
L401602	0.11	74	<10	4.7	57	3.1
L401603	0.11	64	<10	4.5	52	3.2
L401604	0.12	68	<10	5.1	59	2.7
L401605	0.12	74	<10	5.1	58	2.9
L401606	0.12	75	<10	4.8	59	3.4
L401607	0.10	68	<10	4.5	53	3.1
L401608	0.10	82	<10	3.6	54	1.6
L401609	0.11	70	<10	3.4	55	2.0

This document is issued by the Company under its General Conditions of Service accessible at 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.