



**Certificate of Analysis**  
**Work Order : VC173107**  
**[Report File No.: 0000025320]**

**Date:** October 17, 2017

**To: KENDRA JOHNSTON**  
INVOICE PAYMENT APPROVER  
**INDEPENDENCE GOLD CORP.**  
1020-625 HOWE STREET  
VANCOUVER BC V6C 2T6

**P.O. No.:** BLVD-90503-05 / YK17\_ST\_SS1  
**Project No.:** YK17\_ST\_SS1  
**Samples:** 73  
**Received:** Sep 12, 2017  
**Pages:** Page 1 to 16  
(Inclusive of Cover Sheet)

**Methods Summary**

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
73	G_LOG02	Pre-preparation processing, sorting, logging, boxing
73	G_WGH79	Weighing of samples and reporting of weights
73	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
73	GE_IMS14B	Aqua Regia digestion/ICP-MS package

**Storage: Pulp & Reject**

REJECT STORAGE : DISPOSE AFTER 30 DAYS  
PULP STORAGE : DISPOSE AFTER 90 DAYS

Certified By : \_\_\_\_\_

John Chiang  
QC 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 I.S. = Insufficient Sample  
n.a. = Not applicable -- = 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  
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.01 kg	@Au GE_FAA313 5 ppb	Ag GE_IMS14B 0.01 ppm	Al GE_IMS14B 0.01 %	As GE_IMS14B 1 ppm	Ba GE_IMS14B 5 ppm	Bi GE_IMS14B 0.02 ppm	Ca GE_IMS14B 0.01 %
A00059412	0.520	8	0.04	1.90	9	126	0.20	0.17
A00059413	0.510	<5	0.03	2.35	11	236	0.19	0.19
A00059414	0.470	6	0.07	2.22	17	130	0.19	0.14
A00059415	0.600	<5	0.15	2.61	23	336	0.25	0.29
A00059416	0.465	<5	0.11	2.57	19	140	0.33	0.11
A00059417	0.550	<5	0.04	1.88	18	182	0.17	0.18
A00059418	0.630	<5	0.05	2.02	40	121	0.21	0.14
A00059419	0.675	6	0.07	1.66	20	163	0.20	0.23
A00059420	0.710	<5	0.21	1.88	15	207	0.21	0.29
A00059421	0.495	<5	0.04	2.87	10	205	0.22	0.16
A00059422	0.515	7	0.03	2.28	10	152	0.20	0.12
A00059423	0.615	<5	0.05	1.44	8	146	0.17	0.21
A00059424	0.555	<5	0.04	3.03	6	166	0.35	0.23
A00059425	0.480	<5	0.03	1.82	8	241	0.15	0.30
A00059426	0.575	<5	0.03	2.02	7	236	0.18	0.29
A00059427	0.605	<5	0.02	1.97	11	152	0.28	0.16
A00059428	0.660	5	0.04	2.30	8	349	0.15	0.40
A00059429	0.620	<5	0.02	2.68	6	262	0.14	0.36
A00059430	0.630	6	0.04	2.37	8	231	0.17	0.37
A00059431	0.595	<5	0.06	1.61	6	158	0.14	0.28
A00059432	0.485	<5	0.05	0.89	2	81	0.08	0.13
A00059433	0.535	<5	0.04	1.69	7	183	0.14	0.18
A00059434	0.640	<5	0.02	1.85	5	157	0.12	0.23
A00059435	0.510	<5	0.02	2.60	10	171	0.21	0.17
A00059436	0.570	5	0.04	2.73	9	160	0.18	0.19
A00059437	0.530	10	0.07	3.01	7	453	0.31	0.26
A00059438	0.420	<5	0.04	2.56	7	194	0.17	0.24
A00059439	0.675	<5	0.02	2.67	7	377	0.16	0.25
A00059440	0.595	<5	0.22	2.80	7	310	0.12	0.39
A00059101	0.720	6	0.07	1.88	5	107	0.29	0.25
A00059102	0.715	7	0.06	1.87	4	109	0.35	0.27
A00059103	0.420	<5	0.08	1.14	4	53	0.12	0.11
A00059104	0.850	5	0.05	2.01	8	111	0.24	0.22
A00059105	0.685	8	0.04	2.28	9	175	0.21	0.26
A00059106	0.640	6	0.03	1.91	7	105	0.16	0.29
A00059107	0.695	<5	0.06	2.15	9	154	0.24	0.24
A00059108	0.655	<5	0.04	1.54	5	87	0.22	0.20
A00059109	0.765	<5	0.02	2.65	5	176	0.47	0.37
A00059110	0.565	<5	0.05	1.34	4	101	0.17	0.20
A00059111	0.810	18	0.05	2.10	6	162	0.60	0.33

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Element Method Det.Lim. Units	WtKg G_WGH79 0.01 kg	@Au GE_FAA313 5 ppb	Ag GE_IMS14B 0.01 ppm	Al GE_IMS14B 0.01 %	As GE_IMS14B 1 ppm	Ba GE_IMS14B 5 ppm	Bi GE_IMS14B 0.02 ppm	Ca GE_IMS14B 0.01 %
A00059112	0.710	<5	0.12	1.66	5	71	1.44	0.14
A00059113	0.705	6	0.04	2.34	8	164	0.22	0.24
A00059114	0.830	5	0.04	1.81	8	192	0.24	0.27
A00059115	0.630	<5	0.10	2.34	10	190	0.28	0.23
A00059116	0.630	<5	0.04	1.86	9	146	0.20	0.19
A00059117	0.560	<5	0.04	1.56	7	70	0.30	0.13
A00059118	0.680	5	0.07	2.99	10	118	0.21	0.16
A00059119	0.665	<5	0.22	1.90	18	232	0.30	0.45
A00059120	0.640	<5	0.52	1.44	11	144	0.23	0.31
A00059121	0.730	<5	0.21	1.64	17	189	0.28	0.34
A00059122	0.695	6	0.85	1.68	70	176	0.70	0.30
A00059123	0.690	5	1.15	1.82	22	197	0.50	0.24
A00059124	0.595	6	0.03	2.39	11	150	0.28	0.22
A00059125	0.755	6	0.21	3.29	9	159	0.65	0.59
A00059126	0.720	5	0.07	1.94	21	313	0.38	0.38
A00059127	0.550	<5	0.05	1.62	5	139	0.19	0.21
A00059128	0.765	<5	0.01	2.20	4	230	0.12	0.71
A00059129	0.730	<5	0.02	2.83	5	117	0.14	0.46
A00059130	0.650	<5	0.04	2.75	8	375	0.22	0.32
A00059131	0.640	<5	0.07	3.20	5	422	0.14	0.39
A00059132	0.735	<5	<0.01	2.72	2	247	0.10	0.88
A00059133	0.595	<5	0.05	1.91	8	237	0.19	0.28
A00059134	0.705	<5	0.03	1.95	8	149	0.19	0.25
A00059135	0.700	<5	0.10	2.20	10	250	0.25	0.27
A00059136	0.660	7	0.04	1.94	7	185	0.21	0.29
A00059137	0.575	<5	0.05	1.88	6	136	0.27	0.32
A00059138	0.620	9	0.04	1.99	8	141	0.31	0.27
A00059139	0.535	<5	0.03	2.06	9	126	0.20	0.28
A00059140	0.455	9	0.04	2.67	11	154	0.35	0.20
A00059141	0.565	5	0.03	2.12	13	118	0.33	0.13
A00059142	0.605	<5	0.04	2.37	5	202	0.42	0.32
A00059143	0.620	6	0.04	2.61	6	238	0.15	0.38
A00059144	0.565	<5	0.03	2.15	6	172	0.25	0.36
*Rep A00059433		<5						
*Rep A00059438		7						
*Rep A00059133		<5						
*Std OREAS151B		65						
*Std OXN117		7700						
*Std OREAS251		524						
*Bik BLANK		<5						

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Element Method Det.Lim. Units	@Au GE_FAA313 5 ppb	Ag GE_IMS14B 0.01 ppm	Al GE_IMS14B 0.01 %	As GE_IMS14B 1 ppm	Ba GE_IMS14B 5 ppm	Bi GE_IMS14B 0.02 ppm	Ca GE_IMS14B 0.01 %
*Blk BLANK	<5						
*Rep A00059105		0.06	2.36	9	174	0.22	0.27
*Rep A00059119		0.21	1.90	17	233	0.30	0.46
*Rep A00059124		0.04	2.44	11	150	0.27	0.22
*Rep A00059137		0.04	1.85	6	134	0.26	0.30
*Std OREAS209		0.26	1.29	1050	70	0.06	1.49
*Std OREAS902		0.26	0.48	568	15	8.13	3.75
*Std OREAS209		0.27	1.26	1120	74	0.07	1.51
*Blk BLANK		<0.01	<0.01	<1	<5	<0.02	<0.01
*Blk BLANK		<0.01	<0.01	<1	<5	<0.02	<0.01

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Element Method Det.Lim. Units	Cd GE_IMS14B 0.01 ppm	Ce GE_IMS14B 0.05 ppm	Co GE_IMS14B 0.1 ppm	Cr GE_IMS14B 1 ppm	Cu GE_IMS14B 0.5 ppm	Fe GE_IMS14B 0.01 %	Ga GE_IMS14B 0.1 ppm	Hg GE_IMS14B 0.01 ppm
A00059412	0.12	39.0	6.5	36	14.7	2.76	6.7	0.02
A00059413	0.09	54.5	9.6	37	20.1	3.13	6.8	0.02
A00059414	0.15	57.0	9.4	31	17.3	3.24	7.5	0.02
A00059415	0.10	61.2	13.6	44	35.6	3.91	7.5	0.06
A00059416	0.31	45.1	9.3	33	18.7	3.51	7.7	0.02
A00059417	0.25	40.5	9.7	29	30.3	3.19	6.9	0.02
A00059418	0.27	52.0	8.2	31	14.9	3.97	8.6	0.06
A00059419	0.13	55.4	8.9	32	20.4	2.56	5.4	0.02
A00059420	0.21	38.2	7.9	33	21.9	2.78	6.4	0.03
A00059421	0.10	44.2	13.6	48	29.3	3.63	8.2	0.05
A00059422	0.14	24.7	8.0	28	18.4	2.94	7.0	0.01
A00059423	0.18	64.0	8.9	26	17.7	2.77	4.4	0.03
A00059424	0.19	28.0	20.1	80	18.6	5.86	14.6	<0.01
A00059425	0.08	39.9	10.9	37	25.6	2.96	6.9	0.03
A00059426	0.07	59.8	11.6	39	21.5	3.29	8.0	0.01
A00059427	0.12	48.6	10.2	32	16.5	3.98	7.2	<0.01
A00059428	0.12	34.9	15.6	56	26.3	3.89	8.9	0.04
A00059429	0.11	40.0	23.0	62	24.5	4.92	12.7	<0.01
A00059430	0.13	51.0	19.7	55	26.6	4.35	10.4	<0.01
A00059431	0.08	41.3	10.4	37	21.7	2.74	6.0	<0.01
A00059432	0.05	16.9	4.8	14	9.0	1.41	4.0	0.01
A00059433	0.08	53.8	8.9	30	19.0	2.40	5.7	0.02
A00059434	0.06	84.9	10.8	39	18.5	2.88	6.9	0.04
A00059435	0.09	43.4	9.2	42	21.2	3.44	8.0	0.03
A00059436	0.10	45.5	11.7	41	18.3	3.58	9.3	0.01
A00059437	0.09	42.4	16.9	55	22.0	4.81	11.4	0.01
A00059438	0.28	21.0	16.0	36	16.7	4.55	12.7	0.01
A00059439	0.07	44.9	15.3	38	20.4	4.25	11.5	0.01
A00059440	0.09	20.1	18.6	63	25.6	4.56	11.3	<0.01
A00059101	0.12	36.6	8.9	30	14.9	2.63	6.9	0.02
A00059102	0.12	43.8	9.7	33	16.7	3.20	8.1	0.02
A00059103	0.09	27.2	3.6	11	9.4	1.70	4.0	0.02
A00059104	0.13	45.6	10.5	34	18.9	3.33	7.5	0.03
A00059105	0.17	59.8	13.4	35	21.4	3.56	8.0	0.01
A00059106	0.31	38.2	10.5	31	18.1	2.82	6.1	0.04
A00059107	0.13	62.2	11.6	36	23.4	3.43	7.9	0.04
A00059108	0.17	56.4	7.6	24	14.5	2.61	6.5	0.03
A00059109	0.08	96.9	16.7	24	14.0	4.24	10.1	0.02
A00059110	0.11	90.0	6.6	21	17.7	2.09	6.1	0.03
A00059111	0.09	136	7.8	31	20.2	3.03	11.4	0.02

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Element Method Det.Lim. Units	Cd GE_IMS14B 0.01 ppm	Ce GE_IMS14B 0.05 ppm	Co GE_IMS14B 0.1 ppm	Cr GE_IMS14B 1 ppm	Cu GE_IMS14B 0.5 ppm	Fe GE_IMS14B 0.01 %	Ga GE_IMS14B 0.1 ppm	Hg GE_IMS14B 0.01 ppm
A00059112	0.20	101	10.4	29	33.6	2.74	8.5	0.03
A00059113	0.08	54.4	12.8	43	23.7	3.48	8.4	0.03
A00059114	0.14	35.6	11.0	36	20.4	2.86	6.3	0.02
A00059115	0.14	212	13.1	39	32.2	3.60	9.4	0.05
A00059116	0.13	40.0	11.2	33	17.7	3.04	7.0	0.03
A00059117	0.09	18.4	5.8	23	20.4	3.27	10.5	0.03
A00059118	0.24	49.8	12.9	35	24.1	3.24	7.0	0.05
A00059119	0.31	59.0	10.7	35	25.6	3.51	8.2	0.04
A00059120	0.31	39.4	7.3	25	16.3	2.28	5.6	0.02
A00059121	0.47	40.0	8.7	33	21.3	2.68	5.9	0.03
A00059122	1.44	38.4	9.6	33	25.1	3.04	5.8	0.03
A00059123	6.50	58.4	10.3	33	31.5	3.01	6.2	0.03
A00059124	0.16	67.7	9.9	39	18.6	3.97	9.1	0.02
A00059125	0.13	78.0	25.1	80	22.3	5.89	15.5	0.02
A00059126	0.35	64.5	12.1	35	21.9	3.36	6.1	0.01
A00059127	0.08	30.0	7.3	40	16.8	2.63	8.6	0.03
A00059128	0.08	23.2	17.3	58	27.7	3.60	8.6	0.02
A00059129	0.09	59.0	17.0	27	14.4	5.08	15.3	<0.01
A00059130	0.15	55.1	14.5	59	23.9	4.34	10.4	0.02
A00059131	0.07	28.0	25.2	40	25.8	6.69	18.3	0.02
A00059132	0.05	38.3	24.5	32	26.0	5.16	13.1	<0.01
A00059133	0.12	67.0	10.7	36	21.0	3.07	7.4	0.26
A00059134	0.17	44.2	10.6	35	21.5	3.12	7.4	0.01
A00059135	0.11	70.4	10.5	42	21.6	3.51	8.2	0.04
A00059136	0.16	54.8	10.8	36	20.5	3.40	8.6	0.02
A00059137	0.20	96.9	10.2	32	24.3	3.36	9.1	0.03
A00059138	0.21	69.7	10.8	37	17.8	3.33	8.6	0.03
A00059139	0.33	49.8	11.7	39	19.4	3.06	5.9	0.05
A00059140	0.35	39.7	12.5	46	18.3	3.81	7.2	0.04
A00059141	0.15	38.3	7.4	33	17.1	4.00	10.7	0.04
A00059142	0.08	26.0	18.3	86	15.0	4.63	15.0	0.02
A00059143	0.16	34.0	15.4	45	25.5	3.79	8.8	0.03
A00059144	0.12	37.9	12.8	41	27.8	4.16	10.0	0.03
Element Method Det.Lim. Units	Cd GE_IMS14B 0.01 ppm	Ce GE_IMS14B 0.05 ppm	Co GE_IMS14B 0.1 ppm	Cr GE_IMS14B 1 ppm	Cu GE_IMS14B 0.5 ppm	Fe GE_IMS14B 0.01 %	Ga GE_IMS14B 0.1 ppm	Hg GE_IMS14B 0.01 ppm
*Rep A00059105	0.17	62.2	13.2	34	21.1	3.52	8.0	0.02
*Rep A00059119	0.29	60.2	10.5	35	25.5	3.48	8.2	0.03
*Rep A00059124	0.15	67.2	10.0	39	19.3	4.03	9.1	0.02
*Rep A00059137	0.19	99.6	10.0	31	23.3	3.30	8.7	0.02
*Std OREAS209	0.08	25.5	29.5	42	77.9	6.01	4.1	<0.01
*Std OREAS902	0.02	30.4	925	24	2810	2.94	1.4	0.05

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	Cd GE_IMS14B 0.01 ppm	Ce GE_IMS14B 0.05 ppm	Co GE_IMS14B 0.1 ppm	Cr GE_IMS14B 1 ppm	Cu GE_IMS14B 0.5 ppm	Fe GE_IMS14B 0.01 %	Ga GE_IMS14B 0.1 ppm	Hg GE_IMS14B 0.01 ppm
*Std OREAS209	0.09	28.9	28.9	44	78.8	6.42	4.1	<0.01
*Blk BLANK	<0.01	<0.05	<0.1	<1	<0.5	<0.01	<0.1	<0.01
*Blk BLANK	<0.01	<0.05	<0.1	<1	<0.5	<0.01	<0.1	<0.01

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Element Method Det.Lim. Units	K	La	Mg	Mn	Mo	Na	Ni	P
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.01	0.1	0.01	2	0.05	0.01	0.5	50
	%	ppm	%	ppm	ppm	%	ppm	ppm
A00059412	0.06	18.3	0.40	164	0.71	0.02	18.0	430
A00059413	0.07	29.7	0.54	306	0.88	0.02	21.7	220
A00059414	0.08	24.6	0.47	573	1.14	0.02	16.4	380
A00059415	0.08	29.4	0.67	1050	1.37	0.02	28.1	550
A00059416	0.10	19.2	0.54	465	1.09	0.02	22.1	280
A00059417	0.14	19.0	0.62	425	0.81	0.02	19.1	410
A00059418	0.10	25.2	0.49	540	1.30	0.02	17.5	430
A00059419	0.06	29.5	0.52	598	0.88	0.02	20.5	490
A00059420	0.07	18.6	0.49	368	0.93	0.02	20.0	730
A00059421	0.06	19.8	0.69	494	1.50	0.02	25.2	350
A00059422	0.05	10.2	0.35	259	1.09	0.02	17.4	360
A00059423	0.07	29.5	0.37	809	1.01	0.02	16.7	550
A00059424	0.09	11.3	1.03	578	1.54	0.02	30.7	330
A00059425	0.07	19.4	0.65	392	0.78	0.02	23.1	500
A00059426	0.07	29.3	0.71	372	0.93	0.02	21.3	410
A00059427	0.08	23.9	0.49	450	2.11	0.02	18.2	460
A00059428	0.16	17.5	1.06	516	1.00	0.02	29.0	620
A00059429	0.56	19.8	1.44	428	0.85	0.03	30.0	840
A00059430	0.10	21.5	1.02	707	1.03	0.03	28.3	720
A00059431	0.08	22.4	0.59	642	0.81	0.02	19.1	500
A00059432	0.06	8.6	0.27	155	0.45	0.03	6.8	330
A00059433	0.06	27.1	0.46	290	0.76	0.02	19.3	490
A00059434	0.08	41.4	0.81	267	0.62	0.02	22.5	330
A00059435	0.06	21.8	0.48	239	1.08	0.02	19.5	300
A00059436	0.12	13.9	0.73	311	1.08	0.02	26.0	520
A00059437	0.07	21.1	1.07	434	1.00	0.03	23.9	320
A00059438	0.15	9.0	1.15	1310	0.87	0.02	16.8	1210
A00059439	0.31	18.2	0.96	312	0.68	0.03	20.7	340
A00059440	0.12	7.9	1.20	530	0.67	0.04	23.0	480
A00059101	0.22	18.6	0.76	302	0.66	0.02	18.2	860
A00059102	0.40	21.3	0.91	374	0.68	0.02	18.5	890
A00059103	0.05	16.2	0.21	124	0.59	0.03	5.7	480
A00059104	0.18	23.1	0.70	569	1.03	0.02	20.6	840
A00059105	0.24	41.8	0.81	543	0.89	0.02	23.8	950
A00059106	0.14	19.3	0.66	426	0.70	0.02	20.4	940
A00059107	0.17	32.9	0.69	541	1.07	0.02	26.2	830
A00059108	0.10	28.0	0.42	431	0.77	0.02	16.4	810
A00059109	0.59	42.9	1.10	1350	0.61	0.02	18.6	1140
A00059110	0.11	43.9	0.38	330	0.82	0.03	13.9	560
A00059111	0.39	96.5	0.86	324	0.48	0.02	17.4	850

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Element Method Det.Lim. Units	K GE_IMS14B 0.01 %	La GE_IMS14B 0.1 ppm	Mg GE_IMS14B 0.01 %	Mn GE_IMS14B 2 ppm	Mo GE_IMS14B 0.05 ppm	Na GE_IMS14B 0.01 %	Ni GE_IMS14B 0.5 ppm	P GE_IMS14B 50 ppm
A00059112	0.28	86.1	0.57	841	0.65	0.02	20.7	320
A00059113	0.26	28.7	0.95	474	0.92	0.02	29.4	480
A00059114	0.14	17.5	0.69	436	0.81	0.02	23.0	640
A00059115	0.12	134	0.73	660	1.11	0.02	27.4	560
A00059116	0.11	17.8	0.60	379	0.98	0.02	21.4	440
A00059117	0.06	8.7	0.36	187	1.09	0.02	10.5	450
A00059118	0.11	21.1	0.62	318	1.01	0.02	28.5	300
A00059119	0.12	28.9	0.67	491	1.15	0.03	20.8	850
A00059120	0.06	19.3	0.41	437	0.70	0.03	14.5	590
A00059121	0.06	20.3	0.53	446	0.79	0.02	18.4	450
A00059122	0.07	21.5	0.50	921	0.93	0.02	20.8	540
A00059123	0.06	32.2	0.57	615	1.03	0.02	21.0	390
A00059124	0.07	41.5	0.58	317	1.24	0.02	22.5	360
A00059125	0.09	56.7	1.91	1040	1.69	0.02	43.7	1370
A00059126	0.08	27.5	0.63	880	0.97	0.02	25.0	750
A00059127	0.11	14.0	0.57	173	0.68	0.03	15.9	740
A00059128	0.27	11.1	1.01	364	0.40	0.04	25.3	2050
A00059129	0.41	18.0	1.09	323	0.75	0.03	13.4	1520
A00059130	0.42	26.9	1.20	379	0.73	0.02	28.6	800
A00059131	0.87	10.6	1.96	815	1.13	0.03	30.4	1370
A00059132	1.05	15.6	1.54	614	0.36	0.04	25.5	2910
A00059133	0.13	35.6	0.67	335	0.75	0.02	21.5	570
A00059134	0.14	22.0	0.68	408	0.81	0.02	22.8	630
A00059135	0.13	40.0	0.76	356	1.07	0.02	24.5	820
A00059136	0.20	28.1	0.84	374	0.87	0.02	22.9	800
A00059137	0.20	61.6	0.74	470	1.17	0.03	22.7	740
A00059138	0.10	35.3	0.59	412	1.25	0.02	26.6	630
A00059139	0.08	19.1	0.59	427	0.91	0.02	27.0	710
A00059140	0.07	16.2	0.58	388	0.97	0.02	33.3	470
A00059141	0.07	19.7	0.43	383	1.58	0.02	19.9	330
A00059142	0.27	10.1	1.63	830	1.03	0.04	33.0	660
A00059143	0.31	17.4	1.04	343	0.94	0.03	27.2	1040
A00059144	0.25	20.8	0.89	401	1.36	0.03	23.1	1110
Element Method Det.Lim. Units	K GE_IMS14B 0.01 %	La GE_IMS14B 0.1 ppm	Mg GE_IMS14B 0.01 %	Mn GE_IMS14B 2 ppm	Mo GE_IMS14B 0.05 ppm	Na GE_IMS14B 0.01 %	Ni GE_IMS14B 0.5 ppm	P GE_IMS14B 50 ppm
*Rep A00059105	0.23	41.9	0.80	542	0.90	0.02	24.4	970
*Rep A00059119	0.12	29.5	0.66	483	1.14	0.03	20.9	890
*Rep A00059124	0.07	41.9	0.55	321	1.21	0.02	21.8	350
*Rep A00059137	0.19	61.8	0.72	453	0.97	0.02	22.3	680
*Std OREAS209	0.07	12.6	2.22	1400	1.97	0.23	115	1580
*Std OREAS902	0.24	14.0	2.05	445	12.1	0.02	164	640

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	K	La	Mg	Mn	Mo	Na	Ni	P
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.01	0.1	0.01	2	0.05	0.01	0.5	50
	%	ppm	%	ppm	ppm	%	ppm	ppm
*Std OREAS209	0.07	13.3	2.34	1470	1.91	0.22	121	1700
*Blk BLANK	<0.01	<0.1	<0.01	<2	<0.05	<0.01	<0.5	<50
*Blk BLANK	<0.01	<0.1	<0.01	<2	<0.05	<0.01	<0.5	<50

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Element Method Det.Lim. Units	Pb	Rb	Sb	Sc	Sn	Sr	Th	Ti
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.2	0.2	0.05	0.1	0.3	0.5	0.1	0.01
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
A00059412	15.0	10.9	0.40	4.1	0.6	14.0	2.6	0.07
A00059413	12.7	13.9	0.46	5.7	0.7	19.6	8.7	0.09
A00059414	25.3	19.3	0.63	3.9	0.7	12.9	9.1	0.09
A00059415	27.7	15.6	0.73	10.7	0.7	29.6	9.9	0.11
A00059416	36.0	21.7	1.01	4.1	0.7	12.2	5.5	0.10
A00059417	23.7	21.8	1.03	4.8	0.9	14.4	5.3	0.13
A00059418	20.3	19.2	0.96	3.5	0.9	13.2	5.0	0.10
A00059419	24.1	14.1	0.70	4.4	0.5	17.4	5.1	0.08
A00059420	28.0	12.6	0.70	3.8	0.5	21.8	1.1	0.07
A00059421	12.9	17.2	0.63	8.2	0.9	16.3	9.3	0.12
A00059422	11.5	10.6	0.46	3.4	0.6	12.4	4.4	0.10
A00059423	20.8	15.2	0.94	3.6	0.4	18.0	3.1	0.05
A00059424	12.0	18.0	0.52	9.3	2.3	16.4	8.0	0.21
A00059425	8.2	12.3	0.39	5.8	0.8	21.7	2.7	0.13
A00059426	9.5	13.4	0.39	6.0	1.0	23.6	3.5	0.12
A00059427	11.3	15.8	0.57	4.5	0.9	13.3	10.5	0.08
A00059428	8.5	26.1	0.37	7.2	1.2	21.0	3.8	0.19
A00059429	5.6	59.7	0.34	8.9	2.3	16.3	7.6	0.32
A00059430	8.2	15.0	0.36	7.4	1.3	19.7	7.5	0.17
A00059431	10.7	12.5	0.43	4.7	0.7	18.4	1.9	0.09
A00059432	9.0	8.3	0.19	2.3	0.4	10.7	0.5	0.07
A00059433	9.3	11.7	0.37	3.6	0.5	14.0	2.7	0.08
A00059434	6.6	15.1	0.33	4.9	0.9	17.9	11.1	0.12
A00059435	10.6	13.9	0.49	6.4	0.7	17.9	10.0	0.13
A00059436	8.2	21.9	0.45	5.5	1.1	14.1	11.1	0.13
A00059437	13.6	12.8	0.46	8.8	2.0	17.2	9.6	0.20
A00059438	8.3	25.8	0.32	6.6	1.4	17.8	3.1	0.19
A00059439	5.9	33.7	0.33	6.6	2.7	16.8	15.1	0.31
A00059440	8.6	18.9	0.32	6.9	1.2	20.3	6.1	0.28
A00059101	7.8	29.0	0.35	4.3	1.3	15.7	3.6	0.13
A00059102	7.0	46.7	0.34	4.8	1.2	15.4	5.0	0.17
A00059103	4.1	7.8	0.23	1.9	<0.3	10.6	0.9	0.06
A00059104	12.3	29.1	0.50	4.2	1.1	13.7	3.5	0.13
A00059105	11.3	38.0	0.53	4.6	1.1	16.4	4.7	0.17
A00059106	7.1	18.9	0.42	4.4	0.8	16.7	5.4	0.14
A00059107	10.5	29.1	0.52	4.8	1.0	16.2	4.9	0.13
A00059108	9.1	16.3	0.44	2.2	0.8	11.6	1.3	0.09
A00059109	10.3	75.7	0.51	7.0	1.6	20.7	10.7	0.14
A00059110	4.8	20.8	0.35	2.9	2.0	13.4	6.8	0.09
A00059111	8.0	65.3	0.42	6.6	4.4	18.2	25.5	0.11

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Element Method Det.Lim. Units	Pb GE_IMS14B 0.2 ppm	Rb GE_IMS14B 0.2 ppm	Sb GE_IMS14B 0.05 ppm	Sc GE_IMS14B 0.1 ppm	Sn GE_IMS14B 0.3 ppm	Sr GE_IMS14B 0.5 ppm	Th GE_IMS14B 0.1 ppm	Ti GE_IMS14B 0.01 %
A00059112	30.6	50.8	1.16	3.9	4.6	7.4	27.0	0.08
A00059113	8.3	45.2	0.51	5.7	1.7	16.1	6.3	0.17
A00059114	7.4	23.2	0.48	4.3	0.8	15.9	4.7	0.13
A00059115	8.5	18.3	0.55	6.3	1.9	17.8	20.3	0.12
A00059116	8.1	18.6	0.54	4.0	2.0	14.0	8.4	0.13
A00059117	10.0	9.5	0.47	2.9	1.4	9.9	1.8	0.19
A00059118	7.9	18.9	0.53	4.9	1.7	13.3	16.2	0.13
A00059119	40.7	16.5	1.01	6.6	1.0	28.0	10.0	0.11
A00059120	99.1	11.3	0.94	4.2	0.6	19.8	6.3	0.07
A00059121	77.3	13.1	1.53	5.5	0.7	23.2	8.1	0.08
A00059122	223	14.8	5.23	5.3	0.8	21.5	8.1	0.06
A00059123	445	15.6	4.71	5.4	1.3	18.5	10.5	0.06
A00059124	12.6	16.7	0.45	5.7	1.6	17.9	14.0	0.10
A00059125	19.2	15.5	0.62	16.1	1.5	26.4	14.1	0.03
A00059126	50.0	13.0	0.89	5.6	0.8	24.2	10.3	0.08
A00059127	7.0	15.4	0.29	2.3	1.5	16.6	0.7	0.10
A00059128	4.2	30.0	0.25	6.0	0.9	19.3	3.8	0.23
A00059129	5.2	48.2	0.28	5.0	1.6	17.2	13.7	0.30
A00059130	7.5	45.7	0.37	6.8	2.5	19.4	11.5	0.21
A00059131	5.7	99.0	0.19	6.2	3.2	12.1	6.7	0.53
A00059132	2.0	130	0.12	7.0	2.3	14.1	12.5	0.41
A00059133	7.7	18.9	0.41	5.5	2.8	19.3	10.3	0.14
A00059134	7.5	20.3	0.45	4.8	2.2	14.1	11.5	0.14
A00059135	8.9	23.8	0.43	5.6	2.5	18.2	8.4	0.14
A00059136	7.0	29.6	0.40	4.7	4.2	16.5	12.0	0.17
A00059137	6.5	34.6	0.46	5.1	3.3	19.8	17.0	0.17
A00059138	8.6	20.1	0.45	4.3	2.1	15.6	13.8	0.14
A00059139	7.3	11.6	0.55	4.1	1.1	17.2	10.1	0.12
A00059140	9.0	15.1	0.59	4.5	1.5	15.3	10.4	0.11
A00059141	11.5	11.4	0.66	3.7	1.4	10.8	6.1	0.11
A00059142	17.4	33.9	0.34	7.6	4.0	11.2	6.4	0.30
A00059143	6.4	38.6	0.37	5.8	1.6	18.4	10.2	0.22
A00059144	6.4	32.2	0.42	4.4	2.2	14.8	4.9	0.24
Element Method Det.Lim. Units	Pb GE_IMS14B 0.2 ppm	Rb GE_IMS14B 0.2 ppm	Sb GE_IMS14B 0.05 ppm	Sc GE_IMS14B 0.1 ppm	Sn GE_IMS14B 0.3 ppm	Sr GE_IMS14B 0.5 ppm	Th GE_IMS14B 0.1 ppm	Ti GE_IMS14B 0.01 %
*Rep A00059105	11.5	37.3	0.45	4.8	1.1	16.9	5.0	0.16
*Rep A00059119	40.8	16.8	1.06	6.8	1.0	27.4	10.3	0.11
*Rep A00059124	12.8	16.5	0.50	5.8	1.6	18.1	14.4	0.10
*Rep A00059137	6.1	33.4	0.43	4.8	3.3	18.5	17.6	0.16
*Std OREAS209	3.3	3.9	1.19	3.8	0.8	68.1	2.1	0.14
*Std OREAS902	9.9	8.8	0.80	2.8	<0.3	18.9	5.0	<0.01

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	Pb GE_IMS14B 0.2 ppm	Rb GE_IMS14B 0.2 ppm	Sb GE_IMS14B 0.05 ppm	Sc GE_IMS14B 0.1 ppm	Sn GE_IMS14B 0.3 ppm	Sr GE_IMS14B 0.5 ppm	Th GE_IMS14B 0.1 ppm	Ti GE_IMS14B 0.01 %
*Std OREAS209	3.4	4.1	1.28	3.8	0.9	68.2	2.1	0.14
*Blk BLANK	<0.2	<0.2	<0.05	<0.1	<0.3	<0.5	<0.1	<0.01
*Blk BLANK	<0.2	<0.2	<0.05	<0.1	<0.3	<0.5	<0.1	<0.01

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Element Method Det.Lim. Units	Ti	U	V	W	Y	Zn
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.02	0.05	1	0.1	0.05	1
	ppm	ppm	ppm	ppm	ppm	ppm
A00059412	0.19	0.82	60	0.2	6.50	41
A00059413	0.18	1.22	63	0.2	10.1	57
A00059414	0.19	0.98	61	0.2	7.53	71
A00059415	0.18	1.73	78	0.2	22.6	94
A00059416	0.24	1.05	64	0.2	6.21	92
A00059417	0.20	1.10	70	0.1	7.42	87
A00059418	0.15	1.00	70	0.2	7.26	78
A00059419	0.13	1.57	47	0.2	13.3	70
A00059420	0.15	1.16	56	0.3	8.48	76
A00059421	0.22	1.48	78	0.2	10.5	64
A00059422	0.13	0.64	69	0.2	3.96	45
A00059423	0.21	1.34	46	0.1	13.8	66
A00059424	0.18	1.26	152	0.3	8.57	67
A00059425	0.13	1.00	73	0.2	10.7	53
A00059426	0.11	1.11	70	0.1	15.6	56
A00059427	0.16	1.16	65	0.2	8.09	61
A00059428	0.19	1.16	94	0.2	10.5	71
A00059429	0.29	1.08	130	0.3	10.2	79
A00059430	0.11	1.04	108	0.2	9.68	71
A00059431	0.11	1.18	59	0.2	10.7	52
A00059432	0.07	0.54	37	<0.1	4.71	24
A00059433	0.11	1.32	50	0.1	11.4	47
A00059434	0.13	1.14	54	0.1	13.3	46
A00059435	0.17	1.64	79	0.2	8.45	44
A00059436	0.16	0.94	73	0.2	8.89	53
A00059437	0.14	1.38	114	0.2	10.3	64
A00059438	0.17	0.58	112	0.2	5.07	71
A00059439	0.19	1.84	98	0.2	8.53	54
A00059440	0.13	0.66	112	0.3	4.90	67
A00059101	0.19	1.28	55	0.2	7.60	59
A00059102	0.28	1.16	68	0.3	9.59	62
A00059103	0.09	0.96	33	0.1	6.91	29
A00059104	0.25	1.55	71	0.3	9.13	66
A00059105	0.30	2.04	76	0.3	12.7	66
A00059106	0.19	1.02	59	0.3	8.16	56
A00059107	0.24	1.75	72	0.4	12.6	68
A00059108	0.18	1.28	53	0.2	10.1	50
A00059109	0.51	1.66	75	0.2	18.0	50
A00059110	0.14	2.10	44	0.6	36.3	48
A00059111	0.37	5.97	61	0.9	66.4	89

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Element Method Det.Lim. Units	Ti GE_IMS14B 0.02 ppm	U GE_IMS14B 0.05 ppm	V GE_IMS14B 1 ppm	W GE_IMS14B 0.1 ppm	Y GE_IMS14B 0.05 ppm	Zn GE_IMS14B 1 ppm
A00059112	0.29	5.34	47	3.4	55.1	62
A00059113	0.28	1.11	78	3.2	12.9	68
A00059114	0.16	1.04	67	0.6	6.76	58
A00059115	0.15	4.52	74	0.7	79.1	78
A00059116	0.13	1.36	67	0.6	6.58	52
A00059117	0.15	0.70	93	0.3	3.41	39
A00059118	0.15	1.23	62	0.3	7.97	69
A00059119	0.13	1.43	67	0.2	16.1	121
A00059120	0.09	1.13	43	0.2	10.5	100
A00059121	0.11	1.14	54	0.2	11.3	131
A00059122	0.14	1.35	56	0.2	13.2	309
A00059123	0.18	1.79	59	0.2	21.0	906
A00059124	0.21	1.47	82	0.2	20.5	72
A00059125	0.14	1.93	120	0.2	51.3	87
A00059126	0.16	1.17	53	0.3	12.4	150
A00059127	0.14	1.44	63	0.7	6.97	34
A00059128	0.12	0.86	92	0.7	5.87	42
A00059129	0.22	1.45	121	0.5	6.03	41
A00059130	0.25	1.50	88	0.9	11.8	66
A00059131	0.34	1.09	153	0.8	5.43	95
A00059132	0.45	1.35	108	0.5	7.98	54
A00059133	0.15	2.43	61	0.4	15.2	59
A00059134	0.16	1.73	68	0.5	9.54	64
A00059135	0.16	3.94	72	4.6	18.9	71
A00059136	0.17	2.55	69	0.5	13.0	65
A00059137	0.19	2.57	60	0.6	28.6	80
A00059138	0.15	2.21	74	8.5	20.2	88
A00059139	0.12	1.48	69	5.9	12.1	64
A00059140	0.13	1.34	73	6.5	10.2	82
A00059141	0.14	1.24	91	0.5	10.3	70
A00059142	0.19	0.83	142	1.8	6.62	59
A00059143	0.21	1.34	84	0.5	7.53	66
A00059144	0.19	1.25	93	0.8	7.31	74
Element Method Det.Lim. Units	Ti GE_IMS14B 0.02 ppm	U GE_IMS14B 0.05 ppm	V GE_IMS14B 1 ppm	W GE_IMS14B 0.1 ppm	Y GE_IMS14B 0.05 ppm	Zn GE_IMS14B 1 ppm
*Rep A00059105	0.30	2.11	75	0.4	12.6	67
*Rep A00059119	0.13	1.45	68	0.3	16.4	122
*Rep A00059124	0.21	1.48	80	0.3	19.7	69
*Rep A00059137	0.19	2.49	58	0.5	27.9	75
*Std OREAS209	0.03	0.46	42	0.3	13.1	77
*Std OREAS902	0.21	2.29	10	1.9	7.08	6

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	Tl GE_IMS14B 0.02 ppm	U GE_IMS14B 0.05 ppm	V GE_IMS14B 1 ppm	W GE_IMS14B 0.1 ppm	Y GE_IMS14B 0.05 ppm	Zn GE_IMS14B 1 ppm
*Std OREAS209	0.04	0.48	42	0.4	13.5	80
*Blk BLANK	<0.02	<0.05	<1	<0.1	<0.05	<1
*Blk BLANK	<0.02	<0.05	<1	<0.1	<0.05	<1

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