



**Certificate of Analysis**  
**Work Order : VC162614**  
**[Report File No.: 0000018889]**

**Date:** September 08, 2016

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

**P.O. No.:** Boulevard-YK16-BLVD18  
**Project No.:** IGO YUKON  
**Samples:** 82  
**Received:** Aug 22, 2016  
**Pages:** Page 1 to 16  
(Inclusive of Cover Sheet)

**Methods Summary**

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
82	G_LOG02	Pre-preparation processing, sorting, logging, boxing
82	G_WGH79	Weighing of samples and reporting of weights
78	G_PRP89	Weigh, dry, (up to 3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
82	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
82	GE_IMS14	Aqua Regia digestion

**Storage: Pulp & Reject**

REJECT STORAGE : RETURN AFTER 30 DAYS  
PULP STORAGE : RETURN 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  
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

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 %
E00004663	3.185	33	0.08	1.26	107	409	0.11	1.73
E00004664	1.960	10	0.07	1.28	27	227	0.10	1.81
E00004665	2.830	<5	0.03	1.13	8	376	0.04	0.77
E00004666	2.690	<5	0.06	1.04	7	108	0.17	1.46
E00004667	2.890	5	2.28	1.13	8	52	4.64	2.19
E00004668	2.580	<5	0.18	1.15	10	60	0.35	1.74
E00004669	2.525	<5	1.84	1.31	5	30	3.93	2.14
E00004670	1.740	<5	2.72	1.30	3	37	5.73	1.92
E00004671	2.195	<5	2.49	1.35	3	37	5.24	1.98
E00004672	2.605	<5	1.12	0.75	9	80	2.50	1.58
E00004673	2.895	<5	0.09	1.22	2	166	0.10	1.24
E00004674	3.295	<5	0.09	1.29	2	172	0.08	1.38
E00004675	2.770	<5	0.06	1.27	2	211	0.09	0.66
E00004676	2.725	<5	0.06	1.55	2	199	0.10	1.37
E00004677	2.745	<5	0.13	1.50	2	152	0.14	1.39
E00004678	3.240	<5	0.09	1.57	2	192	0.15	1.14
E00004679	2.855	<5	0.13	1.21	5	222	0.15	1.21
E00004680	0.110	8	0.10	1.36	1	123	0.05	0.79
E00004681	2.815	<5	1.58	1.18	2	97	3.49	1.87
E00004682	3.045	<5	0.31	1.36	2	152	0.51	1.53
E00004683	2.340	<5	0.13	1.68	2	340	0.18	1.45
E00004684	3.570	<5	0.11	1.74	1	188	0.16	1.52
E00004685	4.250	<5	0.92	1.69	<1	82	1.92	1.83
E00004686	3.265	<5	0.06	1.67	1	47	0.05	1.94
E00004687	2.880	<5	0.81	1.49	1	103	1.63	1.80
E00004688	3.135	<5	0.08	1.59	1	81	0.06	1.76
E00004689	2.800	<5	0.06	1.87	<1	82	0.02	2.06
E00004690	0.110	5090	0.83	2.22	39	186	0.33	1.25
E00004691	3.150	<5	0.11	1.69	<1	55	0.14	2.06
E00004692	3.885	<5	0.12	1.53	<1	30	0.10	1.90
E00004693	2.905	<5	0.06	1.55	<1	83	0.03	1.89
E00004694	2.450	<5	0.05	1.56	1	46	<0.02	1.87
E00004695	2.080	<5	0.08	1.78	1	173	0.02	1.57
E00004696	3.090	<5	0.07	1.65	1	40	0.03	1.71
E00004697	3.445	<5	0.05	1.26	<1	22	<0.02	1.49
*Dup E00004697	N.A.	<5	0.05	1.35	<1	23	<0.02	1.58
E00004698	3.430	<5	0.06	1.17	1	24	<0.02	1.32
E00004699	2.530	<5	0.04	1.33	<1	34	<0.02	1.69
E00004700	3.820	<5	0.07	1.36	1	29	0.05	1.55
E00004701	3.045	<5	0.08	1.37	1	28	0.06	1.51

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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 %
E00004702	2.450	<5	0.07	1.51	1	57	0.04	1.46
E00004703	2.580	<5	0.06	1.37	1	29	0.05	1.57
E00004704	3.005	7	0.08	1.64	1	59	0.04	1.85
E00004705	2.895	<5	0.12	1.62	<1	40	0.02	1.79
E00004706	2.625	<5	0.06	1.30	1	24	0.02	1.91
E00004707	3.250	5	0.08	1.61	1	89	0.02	1.61
E00004708	3.110	<5	0.16	1.71	<1	146	0.04	1.64
E00004709	3.160	<5	0.09	1.31	1	28	0.04	1.78
E00004710	3.935	<5	0.12	1.92	2	62	0.07	1.92
E00004711	3.505	<5	0.13	1.77	1	61	0.07	1.84
E00004712	3.330	<5	0.09	1.18	<1	14	0.03	1.89
E00004713	2.775	5	0.39	1.40	1	108	0.31	1.60
E00004714	3.425	<5	0.15	1.08	<1	58	0.15	1.60
E00004715	2.680	<5	0.05	0.84	<1	21	0.03	1.10
E00004716	2.470	<5	0.10	2.29	2	347	0.05	1.41
E00004717	2.795	<5	0.06	1.87	9	520	0.03	0.69
E00004718	2.470	<5	0.11	1.75	24	307	0.05	2.62
E00004719	2.875	<5	0.05	1.20	<1	90	0.03	1.24
E00004720	0.110	<5	0.06	1.26	<1	117	0.04	0.73
E00004721	2.515	<5	0.05	1.86	3	453	0.02	1.53
E00004722	3.190	<5	0.03	1.31	<1	207	<0.02	1.05
E00004723	3.115	<5	0.06	1.98	<1	87	<0.02	1.78
E00004724	3.075	<5	0.04	1.86	<1	82	0.02	1.68
E00004725	3.835	6	0.05	1.32	<1	106	<0.02	1.02
E00004726	2.880	<5	0.07	2.09	3	121	0.03	2.25
E00004727	3.305	<5	0.05	1.79	<1	166	0.03	1.85
E00004728	3.600	<5	0.04	1.65	5	129	0.03	2.54
E00004729	3.445	19	0.08	0.21	1	16	0.44	0.41
E00004730	0.110	5360	0.82	2.11	36	186	0.33	1.18
E00004731	3.220	<5	0.04	0.93	2	54	0.28	0.50
E00004732	2.540	<5	0.06	2.01	<1	115	<0.02	1.79
*Dup E00004732	N.A.	<5	0.05	1.86	<1	109	0.02	1.68
E00004733	3.810	<5	0.03	1.81	<1	134	<0.02	1.47
E00004734	3.180	<5	0.06	1.72	<1	224	<0.02	1.06
E00004735	3.605	<5	0.04	1.86	<1	390	<0.02	1.27
E00004736	3.860	<5	0.05	1.87	<1	152	<0.02	1.38
E00004737	3.145	<5	0.03	1.81	<1	126	<0.02	1.34
E00004738	2.900	<5	0.06	1.98	1	219	0.02	1.56
E00004739	3.580	<5	0.05	1.99	<1	164	<0.02	1.49
E00004740	4.740	<5	0.04	1.88	<1	219	<0.02	1.35

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E00004741	2.710	<5	0.03	1.88	<1	221	<0.02	1.31
E00004742	2.350	<5	0.04	2.07	<1	263	<0.02	1.56
E00004743	3.700	<5	0.05	1.92	<1	339	<0.02	1.15
E00004744	3.370	<5	0.04	1.69	<1	269	0.03	1.08
*Rep E00004672		<5						
*Rep E00004716		<5						
*Rep E00004743		<5						
*Std OREAS151B		68						
*Std OXB130		127						
*Std OXH97		1320						
*Std OXN117		7770						
*Std OREAS151B		64						
*Blk BLANK		<5						
*Blk BLANK		<5						
*Rep E00004681			1.62	1.16	1	98	3.46	1.87
*Rep E00004697			0.05	1.29	<1	23	<0.02	1.55
*Rep E00004718			0.12	1.70	24	306	0.05	2.57
*Rep E00004731			0.04	0.94	2	54	0.32	0.50
*Std OREAS209			0.25	1.19	1110	80	0.06	1.41
*Std OREAS922			0.83	2.68	7	73	9.41	0.34
*Std OREAS209			0.25	1.14	1100	81	0.07	1.38
*Std OREAS922			0.88	2.63	6	70	10.8	0.33
*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
E00004663	0.26	5.84	17.2	57	33.1	2.80	4.6	0.06
E00004664	0.18	13.0	15.9	54	43.9	2.84	4.9	0.07
E00004665	0.09	40.7	10.2	123	13.9	2.05	5.4	0.02
E00004666	0.08	25.8	11.6	43	22.7	2.61	4.7	0.07
E00004667	9.42	7.94	14.0	72	19.9	2.46	4.5	0.04
E00004668	1.41	13.9	13.7	60	20.2	2.52	4.6	0.02
E00004669	5.95	3.10	15.4	57	37.9	2.64	4.8	0.02
E00004670	8.10	2.79	16.7	57	41.2	2.57	4.4	0.03
E00004671	7.54	2.82	17.1	59	43.8	2.67	4.5	0.02
E00004672	4.41	36.2	7.8	22	42.0	2.16	4.1	0.04
E00004673	0.13	28.5	13.7	45	61.3	2.56	5.4	0.03
E00004674	0.06	35.5	12.8	54	57.4	2.55	5.8	0.02
E00004675	0.03	51.1	10.3	45	42.8	2.65	6.2	0.03
E00004676	0.08	27.6	16.7	52	49.5	3.27	6.7	0.02
E00004677	0.09	23.2	19.2	63	75.4	3.48	6.4	0.03
E00004678	0.07	42.2	9.0	42	37.0	2.17	6.2	0.09
E00004679	0.24	37.8	13.6	59	43.9	2.88	5.6	0.02
E00004680	0.04	14.7	7.9	15	53.2	2.84	4.2	0.05
E00004681	1.27	24.9	14.3	62	38.2	2.68	4.9	0.02
E00004682	0.29	16.6	14.9	71	73.0	2.79	5.3	0.01
E00004683	0.13	23.5	17.7	74	61.9	3.39	6.5	0.01
E00004684	0.11	22.2	18.3	97	46.1	3.08	6.6	0.02
E00004685	4.60	4.38	17.3	74	31.4	3.28	5.9	0.01
E00004686	0.71	2.84	17.8	81	57.1	3.24	5.9	<0.01
E00004687	2.56	2.49	14.5	113	83.9	2.37	4.4	0.02
E00004688	0.18	3.27	17.4	76	64.8	3.22	6.0	0.01
E00004689	0.22	2.88	20.3	92	54.7	3.58	6.7	0.01
E00004690	0.16	16.6	15.8	96	103	4.53	6.5	0.41
E00004691	0.99	3.91	19.4	73	47.7	3.89	6.7	<0.01
E00004692	0.60	2.56	18.0	78	65.2	3.44	5.5	0.01
E00004693	0.26	3.38	16.2	83	48.9	2.98	5.5	<0.01
E00004694	0.09	3.32	18.0	69	53.6	3.07	5.8	0.01
E00004695	0.08	2.13	16.9	85	91.8	3.02	5.6	0.02
E00004696	0.08	1.83	15.7	119	71.4	2.39	4.3	0.02
E00004697	0.04	1.10	13.0	88	73.4	1.81	3.4	0.02
*Dup E00004697	0.04	1.17	13.4	96	77.8	1.96	3.5	0.02
E00004698	0.05	1.19	13.4	85	84.4	1.81	3.1	<0.01
E00004699	0.04	1.40	15.0	81	74.0	2.14	3.9	0.11
E00004700	0.11	1.50	13.7	99	70.9	1.93	3.7	0.02
E00004701	0.09	1.56	12.5	98	59.1	1.96	3.7	0.06

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E00004702	0.04	1.38	15.6	127	61.3	2.11	4.1	0.01
E00004703	0.05	1.69	13.6	72	57.1	2.25	4.2	<0.01
E00004704	0.06	1.80	16.4	59	105	2.99	5.2	0.02
E00004705	0.05	1.62	14.2	88	78.1	2.43	4.6	0.02
E00004706	0.04	1.88	11.4	68	58.4	1.98	3.7	0.01
E00004707	0.10	2.40	13.8	45	125	3.01	5.5	0.01
E00004708	0.04	2.05	16.2	77	111	2.81	5.0	<0.01
E00004709	0.07	1.82	14.1	83	78.8	2.24	4.2	0.02
E00004710	0.04	1.40	26.2	107	97.5	2.17	4.0	0.01
E00004711	0.05	1.54	25.6	100	112	2.29	4.0	<0.01
E00004712	0.06	2.15	14.9	50	59.9	2.51	4.2	<0.01
E00004713	0.11	2.26	32.5	84	233	2.92	4.8	0.01
E00004714	0.06	2.67	19.5	57	132	2.88	4.6	0.01
E00004715	0.03	0.29	9.9	60	49.0	0.93	1.8	<0.01
E00004716	0.07	5.15	44.1	176	157	2.62	4.0	<0.01
E00004717	0.04	25.0	17.5	128	71.0	2.69	7.1	<0.01
E00004718	0.09	22.6	14.8	76	45.6	2.61	5.8	0.02
E00004719	0.04	4.95	12.0	34	36.6	2.07	3.7	0.02
E00004720	0.05	13.6	7.6	15	56.4	2.72	4.1	0.05
E00004721	0.06	6.37	14.5	45	33.1	3.12	5.8	<0.01
E00004722	0.04	4.75	10.4	27	23.0	2.55	4.5	0.01
E00004723	0.03	3.65	17.4	30	41.0	3.40	5.6	0.02
E00004724	0.04	3.01	17.0	29	33.7	3.24	5.4	0.01
E00004725	0.03	1.92	12.3	24	36.5	2.48	4.0	<0.01
E00004726	0.05	5.78	17.8	44	44.0	3.39	5.8	0.01
E00004727	0.04	3.60	14.2	29	29.3	2.87	5.0	<0.01
E00004728	0.05	5.72	16.8	26	35.9	3.18	4.9	<0.01
E00004729	0.04	19.9	1.0	26	10.1	0.85	1.0	<0.01
E00004730	0.15	15.8	14.7	95	103	4.40	6.0	0.35
E00004731	0.04	16.5	9.4	36	21.8	2.01	2.9	<0.01
E00004732	0.05	4.01	16.5	43	41.0	3.35	5.4	<0.01
*Dup E00004732	0.05	4.06	15.6	41	42.1	3.17	5.0	<0.01
E00004733	0.04	3.33	13.8	35	36.0	2.87	5.0	<0.01
E00004734	0.04	2.99	14.6	38	36.8	2.95	4.9	0.01
E00004735	0.04	2.67	13.8	33	37.7	3.00	5.1	0.01
E00004736	0.05	3.01	14.5	35	35.7	3.04	5.4	<0.01
E00004737	0.03	3.26	14.7	32	32.0	2.99	5.1	<0.01
E00004738	0.05	5.35	16.2	43	44.9	3.06	5.7	0.03
E00004739	0.03	3.51	15.4	48	37.3	3.08	5.2	0.02
E00004740	0.03	4.09	14.5	28	31.8	3.14	5.3	0.02

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Element	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg
Method	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
Det.Lim.	0.01	0.05	0.1	1	0.5	0.01	0.1	0.01
Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
E00004741	0.03	3.68	14.3	28	31.5	3.07	5.2	0.01
E00004742	0.03	3.41	14.8	32	34.8	3.26	5.7	<0.01
E00004743	0.03	4.84	14.4	39	32.5	3.18	5.6	0.01
E00004744	0.03	5.43	15.9	29	28.8	3.21	5.4	<0.01
*Rep E00004681	1.30	24.1	14.4	62	41.6	2.66	5.0	0.02
*Rep E00004697	0.04	1.17	13.0	91	73.4	1.84	3.4	0.01
*Rep E00004718	0.09	21.6	14.6	76	44.6	2.56	5.7	0.03
*Rep E00004731	0.03	16.6	9.7	36	21.1	2.04	3.0	<0.01
*Std OREAS209	0.07	27.0	28.9	38	73.9	5.70	3.9	<0.01
*Std OREAS922	0.28	67.0	18.7	44	2230	5.11	7.6	0.04
*Std OREAS209	0.07	26.4	27.5	39	77.5	5.80	3.7	<0.01
*Std OREAS922	0.31	64.2	18.3	44	2230	5.12	7.5	0.04
*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 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
E00004663	0.16	3.0	1.13	415	1.04	0.19	27.1	820
E00004664	0.23	6.6	1.17	418	3.08	0.20	21.3	730
E00004665	0.65	21.6	1.10	316	1.82	0.14	45.9	470
E00004666	0.25	14.7	0.89	362	2.28	0.17	17.5	570
E00004667	0.16	3.9	1.13	593	2.12	0.19	28.6	620
E00004668	0.22	7.7	1.07	391	1.84	0.18	24.8	620
E00004669	0.12	1.0	1.29	579	1.93	0.23	22.0	720
E00004670	0.12	0.9	1.26	577	3.35	0.23	23.2	710
E00004671	0.12	1.0	1.31	591	3.47	0.24	23.8	730
E00004672	0.17	20.0	0.58	660	2.27	0.13	9.8	490
E00004673	0.43	15.2	1.00	414	2.39	0.14	19.7	470
E00004674	0.38	18.4	1.03	460	3.16	0.17	19.5	500
E00004675	0.62	29.2	0.85	481	3.15	0.10	16.0	470
E00004676	0.64	15.5	1.34	548	2.78	0.17	22.3	640
E00004677	0.58	12.4	1.44	539	3.51	0.15	26.3	640
E00004678	0.54	21.6	0.82	323	3.93	0.18	15.6	340
E00004679	0.63	19.5	1.16	473	2.66	0.13	21.0	470
E00004680	0.20	6.9	0.63	339	3.17	0.16	6.9	730
E00004681	0.31	12.3	1.35	601	2.15	0.24	19.9	550
E00004682	0.42	8.3	1.53	526	1.86	0.23	22.1	660
E00004683	0.84	12.7	1.68	549	2.51	0.16	27.8	610
E00004684	0.76	11.0	1.81	451	2.82	0.21	37.6	940
E00004685	0.45	1.8	1.69	517	2.00	0.27	24.8	760
E00004686	0.26	1.1	1.59	509	1.92	0.30	29.0	810
E00004687	0.25	1.0	1.55	498	1.99	0.22	41.4	430
E00004688	0.34	1.2	1.59	472	1.74	0.27	29.5	830
E00004689	0.47	1.1	1.83	566	1.55	0.29	32.7	890
E00004690	0.36	7.9	1.22	614	7.35	0.26	42.9	770
E00004691	0.31	1.5	1.62	547	1.64	0.28	27.2	850
E00004692	0.22	0.9	1.46	494	1.83	0.27	29.1	840
E00004693	0.30	1.4	1.54	485	2.21	0.25	27.8	840
E00004694	0.21	1.4	1.53	459	1.79	0.28	25.3	840
E00004695	0.34	0.8	1.69	436	1.81	0.23	31.5	570
E00004696	0.12	0.7	1.78	391	2.78	0.22	35.4	490
E00004697	0.07	0.4	1.39	298	2.23	0.19	27.0	390
*Dup E00004697	0.07	0.5	1.48	323	2.51	0.20	28.7	410
E00004698	0.09	0.5	1.27	280	2.15	0.16	29.4	370
E00004699	0.09	0.5	1.31	358	2.72	0.19	20.8	490
E00004700	0.10	0.6	1.48	320	2.03	0.19	33.1	440
E00004701	0.11	0.6	1.49	325	2.55	0.20	32.0	390

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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
E00004702	0.27	0.5	1.74	331	1.58	0.20	41.2	410
E00004703	0.13	0.7	1.35	351	1.97	0.22	24.6	450
E00004704	0.15	0.7	1.50	476	2.14	0.24	23.1	500
E00004705	0.15	0.7	1.53	401	1.97	0.24	31.7	480
E00004706	0.09	0.7	1.30	376	1.82	0.18	25.4	500
E00004707	0.16	1.0	1.27	427	1.97	0.24	18.3	710
E00004708	0.26	0.8	1.62	393	1.69	0.22	28.9	530
E00004709	0.10	0.6	1.35	367	2.22	0.22	27.6	560
E00004710	0.18	0.5	1.66	313	1.98	0.22	58.5	360
E00004711	0.17	0.5	1.45	334	2.43	0.21	55.4	380
E00004712	0.05	0.7	1.18	418	1.76	0.22	20.7	720
E00004713	0.51	0.8	1.52	366	2.34	0.16	36.3	600
E00004714	0.24	0.9	1.10	364	2.00	0.18	23.7	700
E00004715	0.06	0.1	0.84	157	1.65	0.08	23.5	70
E00004716	0.44	2.7	3.67	344	0.83	0.09	217	130
E00004717	0.81	12.5	2.29	330	15.7	0.09	81.7	540
E00004718	0.58	11.3	1.46	733	37.7	0.09	44.0	910
E00004719	0.17	2.5	1.03	340	4.70	0.09	13.2	920
E00004720	0.19	6.2	0.60	321	3.44	0.15	6.6	710
E00004721	0.47	3.0	1.39	536	5.02	0.17	14.5	660
E00004722	0.27	2.2	0.89	336	3.25	0.13	7.1	420
E00004723	0.17	1.7	1.41	519	3.24	0.19	10.0	660
E00004724	0.16	1.4	1.36	485	3.04	0.18	9.4	700
E00004725	0.15	0.9	0.98	315	4.37	0.12	6.8	600
E00004726	0.25	2.8	1.52	649	9.72	0.19	16.8	750
E00004727	0.30	1.7	1.27	564	17.3	0.13	9.1	580
E00004728	0.24	2.9	1.35	770	4.30	0.11	9.5	540
E00004729	0.09	10.4	0.17	261	6.74	0.06	4.3	<50
E00004730	0.34	7.5	1.18	588	7.52	0.24	40.1	780
E00004731	0.11	8.1	0.37	194	5.59	0.04	9.4	200
E00004732	0.21	2.0	1.47	524	2.50	0.17	13.0	680
*Dup E00004732	0.20	2.0	1.41	490	2.28	0.16	11.7	660
E00004733	0.23	1.7	1.27	457	3.67	0.18	9.0	600
E00004734	0.48	1.4	1.37	388	3.24	0.16	9.4	590
E00004735	0.37	1.3	1.47	457	2.19	0.17	8.8	570
E00004736	0.29	1.5	1.40	455	6.21	0.18	9.2	610
E00004737	0.24	1.6	1.36	448	2.37	0.17	8.3	590
E00004738	0.38	2.6	1.52	486	5.18	0.18	14.3	700
E00004739	0.32	1.7	1.47	452	2.88	0.19	11.9	680
E00004740	0.39	2.1	1.29	428	2.67	0.18	8.2	630

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E00004741	0.39	1.9	1.31	420	2.62	0.18	8.3	640
E00004742	0.47	1.7	1.43	480	2.62	0.20	9.0	630
E00004743	0.67	2.5	1.43	421	2.12	0.15	9.8	670
E00004744	0.49	3.1	1.36	459	2.53	0.14	8.6	560
*Rep E00004681	0.30	11.7	1.32	591	2.06	0.23	20.1	540
*Rep E00004697	0.07	0.4	1.41	303	2.33	0.19	27.7	390
*Rep E00004718	0.56	10.8	1.43	719	36.6	0.08	43.1	920
*Rep E00004731	0.11	8.2	0.37	196	5.57	0.04	9.3	170
*Std OREAS209	0.07	14.2	2.34	1320	1.99	0.18	113	1730
*Std OREAS922	0.36	34.0	1.38	748	0.68	0.03	33.3	690
*Std OREAS209	0.06	13.5	2.34	1340	1.96	0.17	106	1710
*Std OREAS922	0.34	31.3	1.38	743	0.71	0.03	32.3	690
*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	%
E00004663	4.0	12.5	0.57	9.0	0.7	29.2	0.6	0.32
E00004664	2.4	17.0	0.25	8.9	0.9	30.7	2.6	0.35
E00004665	1.6	49.1	0.11	4.6	0.8	37.7	9.5	0.16
E00004666	3.5	20.3	0.13	6.3	1.0	32.7	5.6	0.29
E00004667	201	13.0	0.15	7.8	1.3	31.8	1.2	0.34
E00004668	20.1	23.7	0.16	7.5	1.0	27.2	3.9	0.28
E00004669	152	10.7	0.12	10.6	1.3	22.9	<0.1	0.32
E00004670	247	9.8	0.10	10.3	0.9	20.4	<0.1	0.27
E00004671	226	9.8	0.10	10.8	0.9	22.3	<0.1	0.28
E00004672	109	14.9	0.13	4.5	1.5	38.4	8.8	0.14
E00004673	2.5	35.6	0.09	6.6	0.9	29.5	6.1	0.25
E00004674	2.9	29.4	0.09	7.9	1.3	26.1	7.4	0.26
E00004675	2.2	52.9	<0.05	3.5	1.0	33.9	12.0	0.18
E00004676	1.9	53.3	0.10	8.3	1.1	23.7	7.0	0.31
E00004677	3.3	48.6	0.26	8.4	1.1	31.7	5.2	0.30
E00004678	3.8	47.7	0.30	5.8	0.8	46.9	10.4	0.16
E00004679	4.1	61.1	0.20	7.7	1.2	25.0	8.1	0.27
E00004680	3.4	7.5	0.06	2.1	<0.3	60.8	2.5	0.12
E00004681	145	37.2	0.15	9.5	1.5	25.5	4.3	0.21
E00004682	15.8	38.8	0.13	9.7	1.2	17.2	3.0	0.24
E00004683	5.0	70.4	0.18	8.7	1.0	32.6	5.5	0.24
E00004684	5.0	72.6	0.15	8.5	1.0	48.6	4.2	0.30
E00004685	78.1	36.3	0.13	12.3	1.5	23.8	0.4	0.28
E00004686	9.0	17.7	0.08	12.5	0.8	17.4	0.2	0.23
E00004687	69.6	16.2	0.07	9.3	0.6	24.4	0.2	0.12
E00004688	2.1	16.9	0.05	11.6	0.6	17.2	0.2	0.22
E00004689	1.3	19.5	0.07	13.3	0.5	21.8	<0.1	0.28
E00004690	42.3	14.2	3.51	4.3	0.8	96.3	4.0	0.19
E00004691	12.3	17.6	0.11	12.4	0.8	22.5	0.3	0.30
E00004692	3.7	11.9	0.08	11.4	0.6	17.5	<0.1	0.22
E00004693	1.2	15.0	0.09	11.5	0.5	17.7	0.4	0.26
E00004694	0.6	8.8	0.08	12.6	0.5	14.7	0.4	0.20
E00004695	0.9	14.6	0.07	10.5	0.4	22.8	0.1	0.14
E00004696	1.1	5.9	0.07	9.9	0.4	24.0	<0.1	0.13
E00004697	0.5	2.1	0.06	8.7	0.4	15.9	<0.1	0.12
*Dup E00004697	0.6	2.2	0.05	9.3	0.5	17.0	<0.1	0.13
E00004698	0.6	4.1	0.06	7.5	<0.3	20.2	<0.1	0.08
E00004699	0.4	3.1	<0.05	9.7	0.4	21.9	<0.1	0.17
E00004700	2.4	6.1	0.06	8.9	0.5	21.5	<0.1	0.12
E00004701	1.6	7.7	0.06	8.2	0.5	25.6	<0.1	0.11

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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	%
E00004702	0.7	33.2	0.08	8.7	0.4	33.9	<0.1	0.09
E00004703	0.9	11.0	0.09	9.6	0.6	31.3	0.1	0.13
E00004704	0.7	6.5	0.07	12.0	0.4	32.5	0.1	0.10
E00004705	0.7	7.9	0.10	10.1	0.4	28.8	<0.1	0.09
E00004706	0.7	6.0	0.07	8.3	0.6	49.9	<0.1	0.08
E00004707	0.9	8.6	0.08	9.7	0.6	40.7	0.1	0.12
E00004708	0.9	18.3	0.08	9.1	0.4	44.9	0.1	0.15
E00004709	1.4	6.7	0.07	9.6	0.5	24.2	<0.1	0.20
E00004710	1.0	11.0	0.14	7.2	0.4	57.6	<0.1	0.15
E00004711	1.3	10.6	0.11	6.5	0.7	57.8	<0.1	0.14
E00004712	0.7	3.3	0.07	9.9	0.5	34.0	<0.1	0.27
E00004713	1.1	34.9	0.31	8.9	0.4	38.1	<0.1	0.25
E00004714	0.6	22.5	0.19	9.0	0.6	26.4	<0.1	0.30
E00004715	0.7	5.8	0.11	4.7	<0.3	36.1	<0.1	0.08
E00004716	3.0	29.4	0.06	4.3	<0.3	55.7	1.3	0.05
E00004717	1.7	37.4	0.15	5.9	0.7	31.7	5.6	0.12
E00004718	2.2	28.3	0.37	6.1	0.6	94.6	4.0	0.14
E00004719	0.8	6.9	0.09	5.1	0.5	50.2	0.8	0.09
E00004720	3.4	7.4	0.06	1.9	<0.3	54.7	2.7	0.11
E00004721	1.5	19.4	0.08	8.2	0.7	57.1	0.5	0.12
E00004722	0.7	11.4	0.06	6.3	0.7	40.5	1.1	0.09
E00004723	0.8	7.4	0.07	8.9	0.5	63.8	0.2	0.10
E00004724	0.8	7.4	0.09	8.4	0.4	62.6	0.2	0.10
E00004725	0.6	6.5	<0.05	5.0	<0.3	46.9	0.1	0.07
E00004726	1.2	13.1	0.10	8.6	0.4	77.0	0.8	0.12
E00004727	0.7	16.3	0.07	7.3	0.3	76.0	0.5	0.07
E00004728	2.1	13.0	0.15	7.6	0.3	123	0.7	0.05
E00004729	7.5	7.8	0.13	1.1	0.9	16.6	13.8	<0.01
E00004730	40.7	13.4	3.49	3.8	0.8	90.1	3.8	0.18
E00004731	6.0	7.6	0.15	5.2	0.7	65.9	10.4	0.01
E00004732	0.9	11.7	0.10	9.1	0.4	68.6	0.6	0.09
*Dup E00004732	0.8	11.0	0.09	8.2	0.4	64.0	0.6	0.08
E00004733	0.8	8.3	0.05	7.7	0.4	45.3	0.4	0.10
E00004734	0.8	22.7	0.08	6.6	0.5	43.0	0.6	0.13
E00004735	0.8	11.9	<0.05	7.1	0.4	48.0	0.4	0.11
E00004736	0.8	11.7	0.05	7.8	0.4	45.6	0.5	0.11
E00004737	0.9	8.3	0.06	7.1	0.4	54.4	0.6	0.12
E00004738	1.2	14.5	0.07	8.1	0.4	50.9	0.8	0.12
E00004739	0.8	12.8	0.06	7.5	0.4	52.9	0.6	0.11
E00004740	0.8	13.8	<0.05	6.6	0.5	45.8	0.4	0.12

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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 %
E00004741	0.7	13.6	<0.05	6.4	0.5	47.2	0.4	0.12
E00004742	0.9	15.5	0.05	7.6	0.5	51.5	0.4	0.12
E00004743	1.0	27.4	0.11	5.8	0.4	51.4	1.3	0.15
E00004744	1.0	18.4	0.07	5.5	0.5	49.8	2.5	0.15
*Rep E00004681	143	38.3	0.14	9.6	1.4	24.7	4.3	0.22
*Rep E00004697	0.6	2.2	0.07	8.9	0.4	16.2	<0.1	0.13
*Rep E00004718	2.1	27.7	0.33	5.9	0.6	96.3	3.9	0.13
*Rep E00004731	6.0	7.7	0.14	5.2	0.7	65.2	10.2	0.01
*Std OREAS209	3.3	3.9	1.05	3.5	0.9	56.9	1.7	0.14
*Std OREAS922	62.0	21.9	0.40	3.1	3.7	15.5	14.8	0.12
*Std OREAS209	3.3	3.9	1.10	3.4	0.9	58.5	1.7	0.13
*Std OREAS922	62.9	20.9	0.46	3.0	3.7	15.4	14.8	0.10
*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
E00004663	0.14	0.21	92	4.1	11.2	24
E00004664	0.13	0.55	94	5.3	13.7	24
E00004665	0.30	1.80	47	3.8	10.3	27
E00004666	0.14	1.05	73	6.2	11.2	21
E00004667	0.12	0.45	87	2.9	12.2	159
E00004668	0.20	0.84	79	3.1	9.59	36
E00004669	0.11	0.22	100	1.3	12.3	125
E00004670	0.11	0.13	96	1.9	11.5	147
E00004671	0.11	0.13	98	2.0	12.0	140
E00004672	0.12	1.74	47	3.0	10.4	102
E00004673	0.28	1.58	71	3.9	12.8	31
E00004674	0.20	1.84	72	3.8	15.9	33
E00004675	0.36	2.88	41	3.6	8.82	43
E00004676	0.41	2.00	93	2.5	14.0	40
E00004677	0.45	1.25	101	3.6	13.1	50
E00004678	0.50	2.60	52	12.0	13.3	34
E00004679	0.65	1.99	80	2.0	16.6	46
E00004680	0.05	0.62	109	6.3	4.79	36
E00004681	0.45	1.07	89	1.8	17.5	69
E00004682	0.38	0.76	96	1.3	13.9	63
E00004683	0.74	1.33	100	1.5	12.8	46
E00004684	0.68	1.12	99	1.4	12.4	41
E00004685	0.34	0.23	129	2.2	13.1	101
E00004686	0.14	0.08	123	0.6	11.8	51
E00004687	0.14	0.11	88	0.8	5.37	85
E00004688	0.15	0.10	123	0.6	11.9	41
E00004689	0.17	0.09	139	0.5	12.5	50
E00004690	0.09	1.02	118	19.2	6.80	72
E00004691	0.15	0.19	140	0.8	15.3	54
E00004692	0.11	0.09	113	1.0	12.2	43
E00004693	0.12	0.18	111	0.8	11.6	44
E00004694	0.07	0.13	120	0.8	12.8	40
E00004695	0.12	0.07	114	1.5	6.94	37
E00004696	0.07	0.06	81	1.6	6.00	25
E00004697	<0.02	<0.05	62	1.8	4.86	20
*Dup E00004697	<0.02	<0.05	67	1.8	5.16	22
E00004698	0.03	0.06	56	1.5	3.99	19
E00004699	0.02	<0.05	72	11.5	6.37	25
E00004700	0.05	0.05	67	1.6	5.01	23
E00004701	0.06	0.09	66	5.5	5.03	22

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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
E00004702	0.24	0.05	71	1.0	4.81	22
E00004703	0.08	0.09	87	0.8	5.36	24
E00004704	0.04	0.06	109	1.4	5.44	32
E00004705	0.06	<0.05	86	1.5	4.56	26
E00004706	0.04	0.11	69	0.5	4.38	24
E00004707	0.06	0.07	122	1.1	5.22	44
E00004708	0.16	0.09	92	0.3	6.24	29
E00004709	0.05	<0.05	79	1.4	8.09	24
E00004710	0.09	<0.05	59	1.1	6.94	22
E00004711	0.09	<0.05	56	1.1	6.79	21
E00004712	0.02	<0.05	89	0.9	12.1	30
E00004713	0.37	<0.05	97	1.9	9.03	32
E00004714	0.18	<0.05	100	2.5	12.9	24
E00004715	0.04	<0.05	25	1.2	1.77	10
E00004716	0.26	0.46	33	0.4	2.12	55
E00004717	0.35	1.10	76	0.7	6.73	45
E00004718	0.48	0.80	61	1.4	7.11	52
E00004719	0.06	0.14	48	0.8	2.76	32
E00004720	0.04	0.73	104	7.5	4.64	35
E00004721	0.16	0.19	72	1.7	5.55	58
E00004722	0.09	0.06	53	1.4	4.77	32
E00004723	0.05	0.06	86	1.4	3.98	43
E00004724	0.06	0.07	81	1.2	3.32	42
E00004725	0.04	0.08	59	0.9	1.96	34
E00004726	0.15	0.19	86	1.5	4.55	46
E00004727	0.12	0.16	71	0.6	3.38	44
E00004728	0.10	0.56	70	1.1	5.12	46
E00004729	0.07	4.05	3	1.4	9.71	25
E00004730	0.09	0.94	117	21.8	6.13	71
E00004731	0.05	3.17	34	1.5	8.37	42
E00004732	0.09	0.13	86	0.7	3.81	45
*Dup E00004732	0.08	0.13	79	0.7	3.61	43
E00004733	0.05	0.11	73	1.6	2.93	41
E00004734	0.21	0.11	72	1.8	2.80	37
E00004735	0.07	0.11	73	1.1	2.51	44
E00004736	0.08	0.15	77	1.3	2.97	43
E00004737	0.04	0.22	74	1.1	2.85	44
E00004738	0.10	0.16	82	2.5	3.96	49
E00004739	0.11	0.12	75	2.2	3.13	41
E00004740	0.10	0.09	73	1.6	3.23	39

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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
E00004741	0.10	0.08	73	1.7	3.00	38
E00004742	0.11	0.13	85	1.0	3.06	44
E00004743	0.19	0.17	78	1.9	3.29	44
E00004744	0.10	0.23	74	1.2	2.99	47
*Rep E00004681	0.44	1.02	88	1.7	17.8	70
*Rep E00004697	<0.02	<0.05	64	1.8	4.95	21
*Rep E00004718	0.47	0.79	61	1.5	6.86	54
*Rep E00004731	0.05	3.09	34	1.6	8.46	43
*Std OREAS209	0.04	0.45	40	0.2	13.5	70
*Std OREAS922	0.15	1.98	28	1.4	16.4	261
*Std OREAS209	0.04	0.43	40	0.3	13.6	71
*Std OREAS922	0.14	1.94	27	1.0	15.7	265
*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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