



**Certificate of Analysis**  
**Work Order : VC162062**  
**[Report File No.: 0000017951]**

**Date:** July 13, 2016


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

**P.O. No.:** YK16-MHR3a  
**Project No.:** IGO YUKON  
**Samples:** 88  
**Received:** Jun 27, 2016  
**Pages:** Page 1 to 16  
(Inclusive of Cover Sheet)

**Methods Summary**

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
87	G_LOG02	Pre-preparation processing, sorting, logging, boxing
87	G_WGH79	Weighing of samples and reporting of weights
82	G_PRP89	Weigh, dry,(up to3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
87	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
87	GE_IMS14	Aqua Regia digestion

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 kg	@Au GE_FAA313 ppb	Ag GE_IMS14B ppm	Al GE_IMS14B %	As GE_IMS14B ppm	Ba GE_IMS14B ppm	Bi GE_IMS14B ppm	Ca GE_IMS14B %
312351	1.635	<5	0.02	1.59	1	680	0.06	0.43
312352	2.285	<5	0.03	1.45	3	590	0.51	0.40
312353	1.420	<5	<0.01	1.50	4	583	0.12	0.38
312354	1.545	<5	0.01	1.47	1	537	0.14	0.37
312355	1.435	<5	<0.01	1.53	2	585	0.14	0.38
312356	2.060	6	<0.01	1.41	2	501	0.15	0.31
312357	1.580	<5	0.01	1.49	2	544	0.21	0.35
312358	1.620	<5	<0.01	1.46	1	570	0.09	0.38
312359	1.605	<5	0.01	1.43	3	443	0.15	0.30
312360	0.125	5210	0.93	2.44	37	198	0.35	1.38
312361	1.770	<5	<0.01	1.42	4	458	0.08	0.28
312362	2.580	<5	<0.01	1.45	8	443	0.10	0.28
312363	1.645	<5	0.01	1.28	16	370	0.10	0.28
312365	1.870	<5	0.01	1.56	18	442	0.09	0.32
312366	2.190	27	0.02	1.43	159	376	0.08	0.30
312367	2.625	81	0.07	1.49	436	451	0.12	0.32
312372	1.355	9	<0.01	1.39	50	461	0.06	0.48
312373	1.400	7	0.01	0.91	51	285	0.10	0.24
312374	1.470	6	<0.01	1.01	77	332	0.13	0.21
312375	1.635	11	0.03	1.02	53	288	0.09	0.28
312376	1.430	<5	<0.01	0.97	34	434	0.15	0.27
312377	1.520	5	<0.01	1.38	43	624	0.05	0.37
312378	2.360	20	0.02	1.33	120	457	0.07	0.32
312379	2.115	31	0.03	1.20	157	444	0.08	0.27
312380	0.125	<5	0.04	1.51	<1	117	0.07	0.85
312381	1.540	21	0.01	1.17	114	348	0.08	0.22
312382	2.735	13	0.02	1.15	147	364	0.07	0.20
312383	1.695	7	<0.01	1.22	43	583	0.04	0.29
312384	2.225	8	<0.01	0.99	60	348	0.06	0.18
312385	1.570	<5	0.03	1.76	19	719	0.08	0.39
312386	2.415	10	0.01	1.55	69	503	0.08	0.28
312387	2.035	8	<0.01	1.46	50	469	0.04	0.27
312388	2.250	<5	<0.01	1.49	24	634	0.04	0.39
312389	2.200	<5	<0.01	1.51	31	598	0.05	0.39
*Dup 312389	N.A.	5	<0.01	1.45	29	594	0.04	0.38
312390	0.125	5460	0.89	2.30	35	191	0.36	1.27
312391	2.015	6	0.01	1.59	51	551	0.07	0.36
312392	1.575	5	0.02	1.53	24	503	0.04	0.36
312393	1.975	6	<0.01	1.37	13	539	0.05	0.39
312394	2.185	6	<0.01	1.44	16	575	0.04	0.40

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA313 ppb	Ag GE_IMS14B ppm	Al GE_IMS14B %	As GE_IMS14B ppm	Ba GE_IMS14B ppm	Bi GE_IMS14B ppm	Ca GE_IMS14B %
312395	2.750	29	0.02	1.28	162	416	0.21	0.26
312396	1.465	9	0.03	1.21	90	438	0.15	0.29
312397	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
312398	2.465	11	0.03	1.05	111	453	0.14	0.26
312399	2.400	<5	<0.01	1.51	43	533	0.09	0.40
312400	2.415	13	0.02	1.65	90	371	0.28	0.30
312401	2.275	<5	<0.01	1.33	24	497	0.06	0.38
312402	2.420	5	<0.01	1.59	28	499	0.08	0.30
312403	2.760	10	0.01	1.37	67	502	0.09	0.26
312404	2.290	5	<0.01	1.57	24	628	0.06	0.41
312405	2.115	5	<0.01	1.59	13	577	0.06	0.32
312406	1.945	5	<0.01	1.60	12	513	0.06	0.31
312407	2.135	<5	<0.01	1.58	3	603	0.06	0.42
312408	2.255	<5	<0.01	1.60	3	638	0.07	0.43
312409	3.450	<5	0.02	1.70	7	487	0.06	0.30
312410	2.855	<5	<0.01	1.69	7	504	0.07	0.34
312411	2.575	<5	<0.01	1.42	6	419	0.10	0.27
312412	2.390	<5	0.02	1.53	3	567	0.05	0.37
312413	2.255	<5	0.01	1.47	2	607	0.05	0.43
312414	2.710	<5	<0.01	1.50	2	752	0.03	0.43
312415	2.505	<5	<0.01	1.41	4	517	0.05	0.30
312416	2.065	<5	0.02	1.49	7	521	0.06	0.29
312417	2.065	<5	0.03	1.50	8	486	0.10	0.29
312418	2.035	<5	0.02	1.54	8	459	0.08	0.33
312419	2.830	12	0.02	1.47	25	380	0.07	0.28
312420	0.125	<5	0.05	1.49	<1	119	0.05	0.89
312421	2.195	8	0.02	1.37	11	381	0.06	0.34
312422	1.485	<5	0.04	1.67	19	414	0.06	0.51
312423	2.290	<5	0.02	2.07	9	484	0.05	0.71
312424	2.125	<5	0.01	1.68	41	452	0.04	0.49
*Dup 312424	N.A.	<5	0.01	1.70	42	444	0.05	0.50
312425	1.955	296	0.18	1.07	1680	471	0.05	0.30
312426	2.180	23	0.03	1.82	135	533	0.07	0.63
312427	1.500	<5	0.06	1.76	124	482	0.06	0.58
312428	1.865	<5	0.02	1.68	43	402	0.07	0.50
312429	1.880	<5	0.03	1.76	37	395	0.07	0.50
312430	0.120	5280	0.68	2.30	32	182	0.30	1.37
312431	2.035	29	0.03	1.76	211	378	0.07	0.46
312432	2.030	<5	0.02	2.07	16	549	0.05	0.78
312433	2.315	111	0.10	1.74	1070	594	0.06	0.62

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Element	WtKg	@Au	Ag	Al	As	Ba	Bi	Ca
Method	G_WGH79	GE_FAA313	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
Det.Lim.	0.01	5	0.01	0.01	1	5	0.02	0.01
Units	kg	ppb	ppm	%	ppm	ppm	ppm	%
312434	2.070	9	0.02	1.87	128	423	0.06	0.50
312435	1.150	336	0.25	1.58	2200	575	0.07	0.39
312436	2.605	11	0.02	2.05	43	476	0.05	0.68
312437	1.835	6	0.02	1.86	47	442	0.04	0.60
312438	1.970	10	0.04	1.98	107	462	0.05	0.62
312439	2.370	6	0.02	2.20	26	496	0.04	0.78
312440	2.220	15	0.02	1.72	95	339	0.05	0.51
312441	2.035	12	0.18	2.00	47	429	0.49	0.71
312442	2.565	162	0.09	1.51	604	380	0.05	0.42
312443	1.830	12	0.02	1.92	62	386	0.07	0.51
*Rep 312359		<5						
*Rep 312396		11						
*Rep 312432		<5						
*Std OREAS151B		60						
*Std OXB130		122						
*Std OXH97		1290						
*Std OXN117		7310						
*Std OREAS151B		67						
*Blk BLANK		<5						
*Blk BLANK		<5						
*Rep 312365			0.01	1.56	21	439	0.10	0.32
*Rep 312403			<0.01	1.44	66	506	0.10	0.27
*Rep 312418			0.03	1.57	7	474	0.07	0.33
*Rep 312440			0.02	1.70	96	354	0.04	0.51
*Std OREAS210			0.96	2.24	3870	170	0.20	3.14
*Std OREAS922			0.80	2.57	5	75	10.3	0.32
*Std OREAS922			0.79	2.74	5	76	10.6	0.35
*Blk BLANK			<0.01	<0.01	<1	<5	<0.02	<0.01
*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	Ce	Co	Cr	Cu	Fe	Ga	Hg
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.01 ppm	0.05 ppm	0.1 ppm	1 ppm	0.5 ppm	0.01 %	0.1 ppm	0.01 ppm
312351	0.12	51.7	8.6	10	5.2	3.70	6.8	<0.01
312352	0.03	49.0	7.6	11	4.4	3.35	5.8	0.09
312353	0.06	49.8	7.9	10	3.6	3.49	6.2	<0.01
312354	0.03	46.6	7.7	9	8.0	3.31	6.0	<0.01
312355	0.03	45.0	7.7	10	3.6	3.26	6.1	<0.01
312356	0.08	47.5	8.1	9	6.1	3.25	5.8	<0.01
312357	0.03	51.4	7.9	10	7.2	3.39	5.8	<0.01
312358	0.03	45.9	7.9	11	4.3	3.33	6.0	<0.01
312359	0.03	40.7	8.0	13	6.2	3.23	5.8	<0.01
312360	0.14	16.4	17.4	105	107	4.38	6.8	0.17
312361	0.03	41.1	8.2	11	8.8	3.15	5.4	<0.01
312362	0.02	48.9	8.7	12	7.4	3.51	5.4	0.01
312363	0.05	44.1	8.1	11	6.4	3.15	4.7	<0.01
312365	0.02	46.2	8.7	13	10.3	3.49	6.0	<0.01
312366	0.03	45.7	8.9	14	7.4	3.42	5.4	0.01
312367	0.12	43.9	10.0	16	8.9	3.41	5.8	0.01
312372	0.03	46.1	7.5	11	7.1	3.21	5.6	<0.01
312373	0.03	24.1	4.7	10	4.0	2.28	3.8	0.01
312374	0.06	27.3	5.8	10	3.9	2.41	4.2	<0.01
312375	0.04	24.2	5.3	15	10.2	2.59	4.9	<0.01
312376	0.03	32.7	5.3	9	2.5	2.32	4.2	<0.01
312377	0.05	42.1	7.2	9	3.5	3.14	5.7	<0.01
312378	0.04	40.6	8.0	12	5.4	3.16	5.4	<0.01
312379	0.05	47.5	7.2	13	6.9	3.00	4.8	0.01
312380	0.04	13.6	8.6	11	61.0	2.82	4.6	<0.01
312381	0.03	41.4	7.0	12	8.9	2.86	4.6	<0.01
312382	0.08	39.4	7.3	9	4.7	3.01	4.1	<0.01
312383	0.02	40.8	7.1	9	3.0	3.11	4.7	<0.01
312384	0.03	39.7	6.8	11	8.9	2.66	4.0	<0.01
312385	0.05	56.7	11.3	12	7.5	3.94	7.2	0.02
312386	0.04	66.5	9.5	12	5.6	3.57	6.3	<0.01
312387	0.03	51.6	8.6	10	7.9	3.39	5.8	<0.01
312388	0.06	48.9	8.3	10	3.2	3.40	6.2	<0.01
312389	0.04	47.6	8.5	11	5.9	3.51	6.3	<0.01
*Dup 312389	0.04	44.7	8.2	11	7.2	3.35	6.1	<0.01
312390	0.15	15.9	17.1	97	104	4.23	6.7	0.20
312391	0.05	39.8	9.1	13	5.4	3.59	6.5	<0.01
312392	0.01	38.1	8.5	12	4.9	3.57	6.3	<0.01
312393	0.01	37.1	8.1	10	8.5	3.15	5.9	<0.01
312394	0.06	36.4	8.3	11	3.0	3.36	6.0	<0.01

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	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.01 ppm	0.05 ppm	0.1 ppm	1 ppm	0.5 ppm	0.01 %	0.1 ppm	0.01 ppm
312395	0.11	47.7	8.8	13	5.8	3.50	4.8	<0.01
312396	0.04	36.7	9.0	14	9.8	3.16	5.0	<0.01
312397	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
312398	0.07	39.6	7.6	11	4.6	3.06	3.8	<0.01
312399	0.02	44.5	8.1	11	4.4	3.53	5.8	<0.01
312400	0.04	42.5	9.4	18	9.1	3.76	5.9	<0.01
312401	0.04	50.6	7.9	10	5.2	3.06	5.6	<0.01
312402	0.02	48.0	9.0	13	10.2	3.54	6.1	<0.01
312403	0.03	47.1	8.3	9	4.0	3.17	5.9	<0.01
312404	0.04	67.8	8.9	12	5.3	3.41	6.6	<0.01
312405	0.03	45.7	9.1	12	8.8	3.41	6.5	<0.01
312406	0.03	39.7	8.4	13	6.2	3.30	6.4	<0.01
312407	0.06	47.1	8.0	10	5.2	3.41	6.2	<0.01
312408	0.03	44.1	8.4	11	8.4	3.21	6.4	<0.01
312409	0.02	48.2	8.6	12	5.5	3.56	6.4	<0.01
312410	0.05	51.9	8.2	14	7.6	3.46	6.1	<0.01
312411	0.02	52.4	7.6	12	8.6	3.10	5.7	<0.01
312412	0.02	47.4	7.8	11	3.4	3.24	5.9	<0.01
312413	0.04	47.7	6.8	9	3.1	3.13	5.6	<0.01
312414	0.03	48.0	7.1	11	6.5	3.12	5.9	<0.01
312415	0.04	41.9	6.9	10	4.4	3.00	5.2	<0.01
312416	0.04	52.9	7.7	10	4.6	3.37	5.7	<0.01
312417	0.07	73.7	9.0	12	10.5	3.67	5.9	<0.01
312418	0.05	69.1	9.2	16	8.8	3.60	5.6	<0.01
312419	0.03	51.1	8.7	16	8.4	3.29	5.2	<0.01
312420	0.04	13.9	8.5	11	59.1	2.67	4.5	<0.01
312421	0.04	49.8	8.7	12	6.6	3.22	5.1	<0.01
312422	0.06	38.8	10.4	14	7.0	3.42	5.5	0.02
312423	0.05	35.3	10.6	15	7.0	3.39	6.1	0.01
312424	0.03	31.8	11.4	13	5.5	3.54	5.6	0.02
*Dup 312424	0.04	31.8	11.5	13	6.4	3.46	5.8	<0.01
312425	0.12	37.7	10.6	10	7.1	3.57	3.0	0.40
312426	0.06	37.2	10.4	13	8.1	3.56	5.9	<0.01
312427	0.02	31.5	10.2	14	9.7	3.31	5.6	0.30
312428	0.06	33.8	10.5	14	8.8	3.32	5.1	<0.01
312429	0.05	33.6	10.2	16	8.7	3.19	5.4	<0.01
312430	0.14	16.1	16.2	103	96.6	4.03	6.5	0.20
312431	0.06	31.3	9.6	14	11.1	3.33	5.7	<0.01
312432	0.03	29.3	9.8	15	8.6	3.43	6.2	<0.01
312433	0.09	30.0	8.4	13	7.0	3.38	5.6	<0.01

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Element Method Det.Lim. Units	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.01 ppm	0.05 ppm	0.1 ppm	1 ppm	0.5 ppm	0.01 %	0.1 ppm	0.01 ppm
312434	0.05	31.2	10.6	15	9.6	3.72	6.4	<0.01
312435	0.09	32.7	8.4	14	8.4	3.33	5.0	0.06
312436	0.03	30.0	9.9	16	5.7	3.44	6.6	<0.01
312437	0.03	30.3	9.9	15	7.5	3.28	6.0	<0.01
312438	0.05	31.3	9.6	15	6.1	3.38	6.2	0.02
312439	0.03	33.7	9.9	18	6.0	3.37	6.9	<0.01
312440	0.04	31.5	8.8	16	9.4	2.96	5.2	0.03
312441	0.06	33.1	8.7	16	5.6	3.16	6.2	<0.01
312442	0.10	45.4	10.4	12	8.4	3.33	4.5	<0.01
312443	0.04	39.0	11.1	21	14.3	3.38	5.9	0.02
*Rep 312365	0.04	47.4	8.7	13	10.0	3.50	6.0	<0.01
*Rep 312403	0.04	48.4	8.1	10	4.3	3.34	5.8	<0.01
*Rep 312418	0.05	71.7	9.3	17	9.0	3.65	5.8	<0.01
*Rep 312440	0.04	31.6	9.0	17	9.6	2.94	5.4	0.03
*Std OREAS210	0.21	19.3	28.2	71	162	9.85	6.9	<0.01
*Std OREAS922	0.27	62.1	20.3	41	2130	5.18	8.1	<0.01
*Std OREAS922	0.23	61.8	18.4	44	2140	5.12	7.5	<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
*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 0.01 %	GE_IMS14B 0.1 ppm	GE_IMS14B 0.01 %	GE_IMS14B 2 ppm	GE_IMS14B 0.05 ppm	GE_IMS14B 0.01 %	GE_IMS14B 0.5 ppm	GE_IMS14B 50 ppm
312351	0.62	25.4	0.84	856	0.65	0.15	4.1	670
312352	0.50	23.9	0.71	748	0.74	0.15	3.9	630
312353	0.48	23.7	0.75	819	0.67	0.14	4.2	680
312354	0.45	22.1	0.67	796	0.72	0.15	4.3	650
312355	0.48	22.1	0.69	803	0.58	0.15	3.9	670
312356	0.36	23.8	0.64	745	0.53	0.11	4.6	600
312357	0.47	25.2	0.68	812	0.71	0.14	4.5	610
312358	0.47	22.6	0.65	745	0.67	0.14	4.5	610
312359	0.31	20.0	0.60	692	0.67	0.10	5.7	530
312360	0.39	7.9	1.23	639	6.98	0.28	48.0	720
312361	0.33	19.7	0.57	705	0.62	0.10	5.5	510
312362	0.31	23.1	0.52	893	0.65	0.08	5.8	560
312363	0.29	20.7	0.46	787	0.58	0.07	5.3	590
312365	0.29	22.0	0.59	802	0.75	0.09	6.4	610
312366	0.21	21.8	0.53	804	0.64	0.07	6.9	530
312367	0.25	22.7	0.54	868	0.86	0.08	6.9	530
312372	0.35	23.5	0.72	746	0.66	0.10	4.5	570
312373	0.24	10.5	0.39	526	0.68	0.08	2.8	340
312374	0.25	11.1	0.44	673	0.59	0.08	3.4	390
312375	0.22	12.2	0.35	410	0.87	0.08	5.4	380
312376	0.34	15.5	0.42	544	0.54	0.11	2.8	410
312377	0.45	19.2	0.66	844	0.52	0.13	3.8	600
312378	0.32	18.0	0.56	769	0.64	0.09	5.5	590
312379	0.25	23.5	0.43	662	0.78	0.08	5.1	540
312380	0.19	6.4	0.73	403	2.04	0.16	5.7	610
312381	0.25	19.3	0.40	648	0.81	0.07	5.7	490
312382	0.28	17.8	0.36	733	0.73	0.06	4.2	530
312383	0.44	18.1	0.49	762	0.69	0.12	3.3	520
312384	0.29	17.8	0.35	680	0.89	0.06	4.4	460
312385	0.65	24.5	0.96	1080	0.75	0.11	6.6	880
312386	0.34	33.3	0.60	887	0.70	0.09	5.1	690
312387	0.33	24.5	0.64	828	0.75	0.09	4.8	700
312388	0.46	22.7	0.70	857	0.69	0.14	3.9	690
312389	0.45	23.0	0.71	767	0.54	0.13	4.9	650
*Dup 312389	0.43	21.5	0.69	736	0.71	0.12	5.1	630
312390	0.37	7.6	1.17	622	7.09	0.26	46.1	760
312391	0.37	18.8	0.72	739	0.66	0.11	6.2	690
312392	0.36	17.7	0.70	735	0.75	0.13	4.7	640
312393	0.42	18.1	0.70	696	0.68	0.12	4.5	590
312394	0.46	17.2	0.68	771	0.62	0.14	3.6	630

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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
312395	0.35	24.1	0.43	827	1.05	0.08	5.0	680
312396	0.34	19.0	0.45	747	0.97	0.07	6.3	620
312397	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
312398	0.37	20.2	0.39	771	0.84	0.08	3.9	580
312399	0.44	21.7	0.67	807	0.56	0.13	4.7	600
312400	0.25	21.2	0.53	751	0.90	0.09	8.2	440
312401	0.37	25.5	0.57	686	0.54	0.12	5.0	540
312402	0.35	23.1	0.62	787	0.71	0.11	6.3	540
312403	0.34	21.7	0.59	745	0.56	0.10	5.5	610
312404	0.49	34.9	0.72	833	0.54	0.14	5.5	650
312405	0.43	21.2	0.72	981	0.69	0.12	5.4	660
312406	0.35	17.1	0.69	810	0.65	0.11	5.6	550
312407	0.52	22.1	0.78	852	0.54	0.15	3.9	610
312408	0.56	19.9	0.81	855	0.60	0.15	4.7	640
312409	0.40	24.8	0.70	796	0.55	0.11	5.8	640
312410	0.35	27.0	0.67	742	0.65	0.12	6.1	580
312411	0.28	26.2	0.59	734	0.57	0.08	5.4	570
312412	0.47	23.6	0.67	771	0.48	0.15	3.4	670
312413	0.51	24.1	0.66	744	0.54	0.16	3.3	610
312414	0.56	23.9	0.66	756	0.63	0.17	3.9	700
312415	0.37	20.2	0.54	752	0.63	0.13	3.9	540
312416	0.41	25.2	0.61	829	0.57	0.11	4.1	570
312417	0.35	38.6	0.54	938	0.81	0.08	5.5	670
312418	0.32	37.6	0.48	917	0.80	0.09	6.4	630
312419	0.25	26.2	0.47	663	0.65	0.07	7.7	540
312420	0.19	6.8	0.72	385	1.75	0.16	5.5	570
312421	0.37	24.7	0.57	835	0.75	0.12	4.7	600
312422	0.44	19.4	0.61	892	0.65	0.16	5.3	640
312423	0.52	17.8	0.68	703	0.67	0.23	6.0	640
312424	0.46	16.0	0.61	876	0.61	0.18	4.6	660
*Dup 312424	0.46	16.2	0.60	878	0.74	0.18	5.2	660
312425	0.37	22.2	0.29	907	0.75	0.06	5.2	610
312426	0.55	18.5	0.62	839	0.74	0.20	5.6	640
312427	0.48	16.9	0.58	716	0.79	0.20	5.6	580
312428	0.42	17.3	0.53	726	0.82	0.15	6.1	570
312429	0.38	17.5	0.59	641	0.96	0.15	6.5	540
312430	0.36	8.0	1.15	585	6.69	0.27	43.7	710
312431	0.40	16.6	0.56	593	0.84	0.15	6.4	500
312432	0.54	15.3	0.77	568	0.77	0.23	5.0	630
312433	0.50	16.2	0.65	517	0.85	0.19	4.5	650

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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
312434	0.37	15.7	0.93	776	0.67	0.14	6.4	650
312435	0.38	18.3	0.58	538	0.69	0.10	6.0	530
312436	0.46	15.5	0.86	596	0.63	0.23	5.7	590
312437	0.41	15.6	0.81	634	0.66	0.20	6.0	580
312438	0.42	15.8	0.82	635	0.59	0.20	6.4	540
312439	0.48	17.3	0.80	633	0.67	0.25	7.4	590
312440	0.37	15.7	0.57	592	0.98	0.15	7.7	460
312441	0.51	17.5	0.66	571	0.99	0.22	5.7	550
312442	0.41	23.6	0.45	782	1.02	0.11	5.7	570
312443	0.29	21.6	0.63	623	0.69	0.12	10.9	480
*Rep 312365	0.29	22.4	0.59	803	0.75	0.09	6.5	580
*Rep 312403	0.36	22.3	0.62	785	0.58	0.10	4.3	640
*Rep 312418	0.33	38.8	0.48	854	0.86	0.09	7.0	650
*Rep 312440	0.37	15.8	0.56	586	0.98	0.15	7.6	470
*Std OREAS210	0.12	11.3	2.18	3480	3.49	0.16	97.4	2250
*Std OREAS922	0.36	31.7	1.29	741	0.67	0.02	37.0	690
*Std OREAS922	0.40	32.6	1.35	740	0.60	0.02	32.6	630
*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
*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 ppm	0.2 ppm	0.05 ppm	0.1 ppm	0.3 ppm	0.5 ppm	0.1 ppm	0.01 %
312351	5.4	46.9	2.81	6.6	1.2	35.3	14.8	0.15
312352	7.2	37.9	2.41	5.6	1.1	34.8	14.4	0.13
312353	5.8	36.4	2.82	5.5	0.9	34.3	14.5	0.12
312354	5.4	35.5	3.09	5.6	1.3	33.8	13.9	0.11
312355	5.9	38.3	2.17	5.3	1.1	35.2	13.5	0.12
312356	5.5	31.8	3.78	5.5	1.0	25.9	13.3	0.10
312357	5.8	35.2	5.07	5.0	1.4	32.4	14.7	0.11
312358	5.3	37.4	5.78	5.2	1.1	33.0	14.1	0.12
312359	6.1	26.8	5.37	5.0	1.0	25.1	11.5	0.09
312360	43.9	15.2	4.33	4.4	1.0	94.2	4.0	0.20
312361	6.6	28.2	9.23	4.8	1.3	25.2	11.8	0.10
312362	8.5	29.6	11.8	6.0	0.9	23.9	13.4	0.08
312363	7.8	27.6	10.6	5.5	0.8	18.1	12.2	0.07
312365	7.3	27.2	12.1	5.5	1.4	25.6	11.8	0.09
312366	7.9	19.5	11.9	5.4	0.9	24.5	11.1	0.08
312367	8.2	23.0	12.6	5.9	1.0	27.2	11.5	0.09
312372	7.0	21.6	5.53	5.0	1.2	23.6	13.8	0.13
312373	8.3	14.2	8.26	3.0	0.6	14.6	13.9	0.05
312374	7.1	16.9	9.70	3.4	0.6	14.9	11.8	0.05
312375	6.5	16.8	7.26	3.2	1.1	20.1	9.0	0.10
312376	5.9	21.4	5.24	3.5	0.8	23.4	13.3	0.08
312377	5.5	30.1	5.23	4.8	1.1	32.4	13.9	0.11
312378	6.7	25.8	6.00	5.2	0.9	26.6	11.2	0.09
312379	7.5	20.9	5.81	4.9	0.8	24.9	11.9	0.06
312380	3.8	6.5	0.06	2.6	0.4	68.3	2.5	0.13
312381	7.6	20.2	4.80	4.1	1.1	19.1	11.8	0.05
312382	7.8	22.0	6.16	4.7	0.7	16.2	11.8	0.04
312383	5.4	29.0	3.23	4.7	0.8	25.9	11.8	0.09
312384	8.6	22.1	4.08	4.8	0.9	11.5	15.3	0.05
312385	6.2	45.4	4.57	9.0	1.3	24.2	13.4	0.14
312386	7.4	26.6	3.27	6.9	0.9	25.8	16.5	0.08
312387	7.6	23.1	2.15	5.7	1.1	22.9	13.0	0.06
312388	5.7	32.3	1.65	5.7	1.0	35.3	14.4	0.11
312389	5.9	32.4	1.75	5.9	1.1	32.3	14.0	0.13
*Dup 312389	5.6	31.1	1.88	5.6	1.4	30.0	13.1	0.12
312390	43.1	14.4	3.94	4.5	1.0	101	4.0	0.19
312391	5.8	27.7	2.75	6.2	1.1	28.9	11.4	0.12
312392	5.4	25.5	1.93	5.3	1.0	32.5	10.9	0.10
312393	5.6	29.8	1.33	4.8	1.3	24.1	11.4	0.13
312394	5.3	33.1	1.10	5.1	1.0	28.0	11.6	0.13

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	Element	Pb	Rb	Sb	Sc	Sn	Sr	Th	Ti
	Method	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	Det.Lim. Units	0.2 ppm	0.2 ppm	0.05 ppm	0.1 ppm	0.3 ppm	0.5 ppm	0.1 ppm	0.01 %
312395		8.5	28.0	2.73	5.3	0.7	17.8	12.1	0.06
312396		7.2	24.1	2.45	4.7	0.9	17.4	9.1	0.09
312397		LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
312398		7.1	23.2	2.03	3.9	0.6	18.6	12.5	0.07
312399		5.9	33.3	1.32	5.4	1.0	32.7	13.4	0.13
312400		8.1	24.6	3.19	5.7	0.8	27.8	11.5	0.10
312401		5.9	31.6	1.42	5.5	1.0	30.2	13.3	0.12
312402		7.1	31.2	1.74	5.8	1.4	27.5	13.2	0.11
312403		7.3	28.7	1.08	6.0	0.8	23.6	13.2	0.07
312404		5.6	40.1	0.83	6.7	1.1	36.3	18.4	0.14
312405		6.3	34.2	0.90	5.8	1.5	31.9	14.1	0.11
312406		6.4	28.4	1.07	5.3	1.1	25.3	11.8	0.12
312407		5.8	39.1	0.52	5.6	1.3	32.8	14.4	0.13
312408		5.8	43.9	0.53	6.2	1.5	31.3	14.0	0.15
312409		6.6	37.0	0.92	5.8	1.2	30.3	14.1	0.11
312410		6.7	31.4	1.06	5.7	1.1	28.3	14.1	0.12
312411		8.0	23.9	0.86	5.1	1.1	19.8	14.1	0.07
312412		6.3	34.9	0.44	5.1	1.1	37.0	14.7	0.11
312413		5.9	38.8	0.33	5.1	1.1	39.5	15.5	0.13
312414		5.7	42.8	0.38	5.4	1.5	39.1	15.0	0.14
312415		6.3	32.1	0.68	5.1	1.1	31.2	13.9	0.10
312416		6.5	32.6	0.87	5.8	1.1	23.6	16.5	0.11
312417		7.5	31.6	1.46	8.3	3.2	20.4	18.5	0.08
312418		7.4	30.1	1.87	8.5	1.1	23.0	17.5	0.08
312419		8.8	20.7	2.08	6.1	0.8	19.4	15.0	0.07
312420		3.5	6.5	0.06	2.5	0.4	61.1	2.5	0.13
312421		8.1	27.9	1.37	7.0	1.0	27.0	15.0	0.05
312422		7.5	34.6	1.37	8.5	0.9	40.0	12.6	0.08
312423		6.0	38.9	1.33	7.8	1.0	57.7	12.5	0.12
312424		5.5	35.8	1.30	7.5	0.9	52.1	11.9	0.10
*Dup 312424		5.6	35.6	1.30	7.4	1.1	51.7	11.8	0.09
312425		11.1	24.1	6.78	8.3	0.5	23.4	11.7	0.02
312426		6.4	44.5	1.48	8.2	1.0	48.2	12.3	0.11
312427		7.0	34.9	2.22	7.3	15.0	43.5	11.6	0.10
312428		5.7	31.8	1.97	7.0	0.9	37.6	11.5	0.09
312429		6.1	30.4	1.62	6.4	0.9	35.7	11.8	0.11
312430		41.6	13.9	4.41	4.5	0.9	88.9	3.7	0.20
312431		6.0	30.8	2.07	6.5	1.1	36.1	11.0	0.09
312432		5.7	40.8	0.78	6.3	1.2	56.1	12.0	0.16
312433		7.3	36.9	2.70	5.7	0.9	59.9	12.0	0.12

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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 ppm	0.2 ppm	0.05 ppm	0.1 ppm	0.3 ppm	0.5 ppm	0.1 ppm	0.01 %
312434	6.4	26.4	1.36	7.2	1.1	46.3	11.6	0.09
312435	8.8	25.1	5.08	6.4	0.8	34.0	10.9	0.07
312436	5.8	33.6	2.20	7.0	4.3	52.1	11.5	0.12
312437	6.2	30.4	1.03	6.5	1.6	46.5	11.6	0.11
312438	5.6	30.7	1.75	6.9	1.1	50.2	11.6	0.10
312439	6.6	36.6	0.89	7.2	1.0	64.3	12.5	0.13
312440	6.8	30.8	1.78	5.5	0.9	40.4	10.2	0.10
312441	18.8	42.9	0.85	5.8	1.0	55.6	12.6	0.12
312442	10.7	29.5	2.88	7.5	0.7	31.5	13.1	0.05
312443	6.8	23.7	1.67	8.1	0.9	37.0	10.9	0.11
*Rep 312365	7.5	27.2	12.1	5.6	1.3	27.1	12.1	0.09
*Rep 312403	7.3	28.7	1.11	5.9	0.8	25.2	13.7	0.08
*Rep 312418	7.4	30.6	2.03	8.5	1.1	23.5	17.7	0.09
*Rep 312440	6.9	31.3	1.89	5.7	1.0	40.4	10.2	0.10
*Std OREAS210	9.2	6.4	3.96	7.5	0.8	92.7	2.5	0.11
*Std OREAS922	60.6	23.8	0.48	3.4	4.0	15.0	14.9	0.11
*Std OREAS922	57.6	23.7	0.49	3.1	3.9	13.6	14.7	0.13
*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
*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	Tl	U	V	W	Y	Zn
	GE_IMS14B 0.02 ppm	GE_IMS14B 0.05 ppm	GE_IMS14B 1 ppm	GE_IMS14B 0.1 ppm	GE_IMS14B 0.05 ppm	GE_IMS14B 1 ppm
312351	0.40	2.71	58	0.1	10.8	75
312352	0.33	1.70	52	0.2	9.37	53
312353	0.34	1.81	51	0.1	9.53	60
312354	0.32	1.69	50	0.2	9.25	55
312355	0.36	1.28	52	0.2	9.34	55
312356	0.28	1.19	51	0.2	8.98	58
312357	0.32	1.76	48	0.2	9.57	49
312358	0.34	1.83	50	0.1	9.66	51
312359	0.25	1.70	50	0.1	9.17	50
312360	0.11	0.96	125	22.3	6.37	76
312361	0.28	1.62	48	0.4	8.43	48
312362	0.31	1.96	49	0.2	11.5	51
312363	0.32	1.66	44	0.2	11.3	51
312365	0.26	1.58	55	0.2	10.9	50
312366	0.23	1.95	49	0.2	11.5	52
312367	0.26	2.50	53	0.2	11.4	61
312372	0.21	1.73	50	0.1	10.5	51
312373	0.14	4.52	28	0.2	11.2	36
312374	0.17	1.39	32	<0.1	6.64	40
312375	0.15	3.37	43	0.2	9.08	33
312376	0.20	1.85	32	<0.1	7.54	37
312377	0.28	1.26	45	<0.1	9.35	51
312378	0.27	1.28	47	<0.1	9.09	54
312379	0.21	1.73	42	0.1	10.3	45
312380	0.05	0.79	97	2.7	4.37	38
312381	0.21	1.27	39	0.2	7.87	43
312382	0.24	1.24	39	<0.1	8.21	59
312383	0.27	1.18	41	<0.1	7.58	50
312384	0.19	2.76	37	0.1	9.32	42
312385	0.40	4.67	74	<0.1	12.2	79
312386	0.24	1.42	53	<0.1	10.2	57
312387	0.22	1.16	45	<0.1	8.91	52
312388	0.29	0.99	49	<0.1	9.28	56
312389	0.29	1.40	53	0.3	10.0	51
*Dup 312389	0.27	1.26	52	0.1	9.70	51
312390	0.09	0.98	122	22.0	6.16	72
312391	0.25	1.23	63	0.2	9.47	58
312392	0.22	1.14	49	<0.1	8.86	47
312393	0.26	1.68	53	0.1	9.45	51
312394	0.28	1.34	50	<0.1	9.68	56

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Element Method Det.Lim. Units	Tl	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
312395	0.26	1.87	43	0.1	9.51	52
312396	0.22	2.00	47	0.2	9.03	49
312397	LNR	LNR	LNR	LNR	LNR	LNR
312398	0.23	2.33	35	<0.1	8.59	44
312399	0.31	1.67	50	<0.1	9.20	49
312400	0.24	1.29	56	0.1	8.06	47
312401	0.30	1.62	50	<0.1	9.94	49
312402	0.29	1.49	54	<0.1	9.14	52
312403	0.27	1.46	45	<0.1	9.61	50
312404	0.35	1.82	56	<0.1	12.2	54
312405	0.33	1.30	57	0.1	9.30	57
312406	0.28	1.45	55	<0.1	8.22	53
312407	0.36	1.43	54	<0.1	10.1	56
312408	0.39	2.31	58	<0.1	11.0	56
312409	0.33	1.31	55	<0.1	8.89	53
312410	0.29	1.52	57	<0.1	9.28	53
312411	0.23	1.58	49	<0.1	9.28	50
312412	0.31	1.25	50	<0.1	9.54	49
312413	0.35	1.98	49	<0.1	9.99	47
312414	0.40	1.84	57	<0.1	9.91	55
312415	0.29	1.65	45	<0.1	8.88	45
312416	0.32	1.64	52	<0.1	9.67	53
312417	0.28	2.45	61	<0.1	13.2	60
312418	0.26	2.76	62	<0.1	13.6	58
312419	0.22	2.57	54	<0.1	10.6	49
312420	0.04	0.83	100	2.5	4.45	38
312421	0.27	3.20	50	<0.1	9.70	51
312422	0.32	1.68	68	<0.1	8.33	55
312423	0.33	1.83	77	<0.1	8.01	52
312424	0.29	1.66	71	<0.1	7.35	53
*Dup 312424	0.30	1.65	70	<0.1	7.41	53
312425	0.66	2.87	45	0.3	11.4	52
312426	0.41	2.03	73	<0.1	10.7	54
312427	0.33	2.03	69	0.2	8.71	50
312428	0.29	1.60	65	<0.1	7.70	50
312429	0.27	1.58	69	<0.1	7.41	48
312430	0.09	1.00	117	21.2	6.08	71
312431	0.29	1.61	64	0.4	7.11	46
312432	0.35	1.86	81	0.2	7.50	50
312433	0.32	2.06	68	0.2	7.93	44

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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
312434	0.24	1.30	73	0.1	7.39	57
312435	0.28	1.78	60	0.3	8.09	41
312436	0.27	1.48	78	<0.1	7.10	49
312437	0.24	1.66	74	<0.1	6.78	48
312438	0.27	1.68	74	<0.1	7.03	50
312439	0.31	1.93	78	<0.1	7.95	51
312440	0.26	1.65	58	<0.1	6.58	40
312441	0.36	2.00	63	<0.1	7.26	44
312442	0.28	1.81	55	0.1	8.42	42
312443	0.22	1.54	73	<0.1	10.7	49
*Rep 312365	0.27	1.72	55	0.2	11.0	51
*Rep 312403	0.26	1.39	46	<0.1	9.62	51
*Rep 312418	0.26	2.77	64	<0.1	14.0	57
*Rep 312440	0.27	1.64	61	<0.1	6.66	42
*Std OREAS210	0.07	0.87	88	1.2	14.2	96
*Std OREAS922	0.15	2.00	29	1.1	15.6	261
*Std OREAS922	0.15	2.05	29	1.0	15.7	254
*Blk BLANK	<0.02	<0.05	<1	<0.1	<0.05	<1
*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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