



Certificate of Analysis

Work Order: TO115726

To: **Gordon Richards**
Gordon Richards
6410 Holly Park Drive
DELTA
BC V4K 4W6

Date: Aug 12, 2011

P.O. No. : -
Project No. : -
No. Of Samples : 67
Date Submitted : Jul 27, 2011
Report Comprises : Pages 1 to 13
(Inclusive of Cover Sheet)

Distribution of unused material:

Discard after 90 days:

Certified By :

Lawrence Ng
Regional Business Manager (GEOCHEM)

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

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

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
G201	3	131	<10	0.1	1340	<1	50	4	394	50
G202	3	168	10	0.2	1290	<1	20	4	146	410
G203	2	226	<10	0.1	1680	<1	10	8	391	179
G204	4	221	<10	0.2	1990	<1	10	6	109	240
G205	11	238	<10	0.1	2170	<1	10	5	359	83
G206	10	138	20	0.2	16200	<1	200	4	1370	51
G207	36	142	10	0.3	2670	<1	30	4	690	164
G208	28	237	20	0.2	9050	<1	120	17	249	554
G209	48	83	<10	0.2	2800	<1	40	2	527	66
G210	19	128	10	0.2	4660	<1	110	4	655	46
G211	5	146	20	0.6	15000	<1	240	6	2010	231
G212	9	280	70	0.1	2340	<1	10	14	159	475
G213	9	289	20	0.1	2830	<1	10	22	99	303
G214	6	153	20	0.2	2660	<1	80	5	526	32
G215	8	241	20	0.3	2690	<1	50	13	213	136
G216	13	162	20	0.3	5300	<1	110	6	798	302
G217	5	212	30	0.2	2950	<1	40	11	553	192
G218	7	251	30	0.2	2500	<1	70	21	232	104
G219	16	199	<10	0.3	870	<1	10	15	625	91
G220	7	252	<10	<0.1	1160	<1	<10	43	35	293
G221	11	215	20	0.4	1540	<1	20	9	250	164
G222	18	278	<10	0.1	1470	<1	<10	55	172	195
G223	17	196	10	0.2	660	<1	20	13	70	176
Y183	13	193	<10	0.4	1370	<1	20	4	68	173
Y184	39	183	<10	0.4	2780	<1	120	16	465	116
Y185	15	200	20	0.4	3300	<1	60	5	471	116
Y186	9	156	<10	0.3	3120	<1	190	8	755	21
Y187	18	108	10	0.8	7110	<1	170	1	739	39
Y188	5	76	<10	0.4	5500	<1	130	3	113	24
Y189	1	92	<10	<0.1	6470	<1	270	5	260	10
Y191	7	89	10	0.4	12100	<1	280	12	1460	20
Y192	4	170	60	0.2	3040	<1	100	1	669	75
Y193	18	183	<10	0.2	2650	<1	20	3	98	123
Y194	6	166	50	0.6	2520	<1	70	2	320	93
Y195	48	167	100	1.4	3330	<1	160	4	230	67
Y196	16	149	20	0.7	5600	<1	190	5	515	47
Y197	4	92	<10	0.3	10200	<1	210	1	894	49
Y198	18	160	20	0.2	1650	<1	40	3	282	100
Y199	10	153	20	0.3	4820	<1	90	2	871	53
Y200	3	91	<10	0.3	9320	<1	410	2	1470	14
Y201	4	107	<10	0.2	6520	<1	270	5	1700	152
Y202	14	107	<10	0.3	3790	<1	130	3	409	47
Y203	7	165	20	0.2	3820	<1	80	4	630	153

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
Y204	10	228	20	0.2	2940	<1	20	7	243	151
Y205	4	77	<10	0.6	12300	<1	390	1	884	31
Y206	18	247	<10	0.1	2430	<1	20	23	142	182
Y207	40	234	20	0.1	3460	<1	40	3	247	65
Y208	54	202	10	0.2	1560	<1	100	3	191	56
Y209	17	89	<10	0.3	6440	<1	220	2	141	45
Y210	8	80	<10	0.6	9250	<1	370	5	1030	119
Y211	16	132	10	0.2	7600	<1	190	2	2510	29
Y212	15	127	40	0.2	5130	<1	90	2	959	106
Y213	10	201	30	0.1	3900	<1	90	2	414	53
Y214	25	175	<10	0.2	2500	<1	40	6	120	203
Y215	3	131	10	0.2	14400	<1	240	3	1870	72
Y216	3	171	20	0.3	9560	<1	180	3	740	53
Y217	4	105	<10	0.5	8710	<1	250	2	724	24
Y218	15	90	<10	0.7	5080	<1	190	2	386	23
Y219	8	134	20	0.4	7840	<1	190	3	1220	214
Y220	13	124	10	0.2	3400	<1	120	5	204	34
Y221	9	126	10	0.4	4860	<1	180	4	334	78
Y223	18	257	20	0.3	2210	<1	40	9	421	113
Y224	16	148	20	0.3	2330	<1	60	3	506	91
Y225	11	128	20	0.3	6470	<1	140	4	325	60
Y226	8	79	<10	0.6	10200	<1	250	3	693	21
Y227	13	134	<10	<0.1	1580	<1	200	5	125	26
Y228	15	237	<10	0.2	2040	<1	40	10	261	95
*Rep G209	29	110	<10	0.2	4870	<1	70	2	571	79
*Rep Y184	29	174	10	0.4	2210	<1	110	15	420	195
*Rep Y199	11	153	20	0.3	4890	<1	80	2	813	47
*Rep Y211	17	134	10	0.2	7320	<1	200	2	2550	36
*Rep Y218	11	95	<10	0.6	4980	<1	210	3	465	26
*Rep Y227	11	113	<10	0.2	3460	<1	240	3	93	34
*Std MMISRM16	19	45	20	32.2	50	<1	230	4	15	70
*Std AMISO169	7	59	10	0.4	670	<1	40	1	649	99
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
G201	<100	17.2	360	94	42.4	27.1	37	10	103	<1
G202	<100	7.6	580	32	15.2	8.7	83	7	32	<1
G203	<100	5.8	240	71	32.9	17.6	58	10	73	<1
G204	<100	8.7	440	34	19.9	5.1	122	8	23	<1
G205	<100	10.0	260	95	45.9	20.6	55	9	86	<1
G206	<100	6.7	470	171	76.6	48.4	29	9	212	1
G207	<100	2.7	690	156	76.8	48.3	49	11	201	<1
G208	<100	5.8	370	49	29.8	9.9	133	7	41	<1
G209	<100	2.8	500	123	57.7	41.5	12	7	153	<1
G210	<100	7.3	640	220	114	55.6	21	8	239	1
G211	<100	2.1	590	348	176	94.4	36	13	428	<1
G212	200	1.2	160	17	8.6	4.9	180	18	19	<1
G213	100	4.2	370	24	12.4	4.7	97	12	19	<1
G214	<100	3.2	410	118	54.0	39.7	47	11	159	<1
G215	<100	3.6	580	70	34.9	16.3	97	12	68	<1
G216	<100	2.6	710	169	84.5	49.6	56	11	212	<1
G217	<100	4.0	540	97	43.6	30.5	72	13	119	<1
G218	100	7.0	270	26	11.4	8.9	73	12	32	<1
G219	<100	3.1	710	116	44.7	32.9	31	10	125	<1
G220	<100	1.4	270	25	14.6	3.0	100	9	14	<1
G221	<100	4.4	740	113	56.2	26.0	77	11	110	<1
G222	<100	9.8	680	69	32.6	11.9	50	7	51	<1
G223	<100	9.5	420	36	19.4	5.5	81	14	25	<1
Y183	<100	8.0	500	20	14.2	2.8	131	4	12	<1
Y184	<100	9.9	500	70	28.9	21.9	56	9	88	<1
Y185	<100	10.2	550	122	61.2	28.1	80	11	123	<1
Y186	<100	12.8	300	63	25.2	22.0	27	7	95	<1
Y187	<100	1.9	1060	214	105	61.3	29	8	267	2
Y188	<100	2.4	860	164	84.3	52.5	7	4	212	2
Y189	<100	13.3	110	26	12.8	8.5	9	5	35	<1
Y191	<100	2.9	380	155	72.3	51.4	21	8	226	2
Y192	100	7.6	620	136	63.8	42.4	112	20	174	<1
Y193	<100	3.7	190	46	30.6	6.5	188	5	28	<1
Y194	<100	6.9	630	150	77.7	31.9	73	15	144	<1
Y195	<100	10.8	480	62	30.5	15.9	79	10	68	<1
Y196	<100	5.2	860	170	88.0	40.2	61	8	184	<1
Y197	<100	3.0	740	235	114	72.9	7	7	323	2
Y198	<100	3.8	840	148	75.2	28.2	56	12	127	<1
Y199	<100	3.5	600	179	85.8	58.5	43	11	244	2
Y200	<100	8.9	310	124	58.8	39.1	9	6	174	1
Y201	<100	6.5	420	283	148	78.8	7	8	349	3
Y202	<100	2.9	560	137	69.4	39.5	25	7	164	<1
Y203	<100	4.7	640	193	104	46.1	61	13	206	<1

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
Y204	<100	4.6	480	90	45.7	16.1	140	8	70	<1
Y205	<100	<0.5	810	202	102	52.5	8	5	259	2
Y206	<100	6.2	220	94	49.4	14.0	92	6	65	<1
Y207	<100	4.7	250	38	17.3	10.9	45	8	43	<1
Y208	<100	24.9	210	27	12.3	7.1	45	7	30	<1
Y209	<100	4.1	890	74	38.3	20.0	6	2	88	<1
Y210	<100	0.9	570	248	127	69.1	6	6	321	3
Y211	<100	9.1	460	304	124	106	18	15	415	<1
Y212	<100	15.7	330	146	66.7	46.7	61	12	186	<1
Y213	100	2.1	180	50	20.9	13.3	85	12	62	<1
Y214	<100	2.5	310	38	22.3	7.7	60	7	33	<1
Y215	<100	1.5	550	275	114	78.2	17	10	328	<1
Y216	<100	2.7	430	129	58.4	33.1	40	9	144	<1
Y217	<100	1.5	680	136	65.6	42.2	10	5	185	2
Y218	<100	1.7	1030	110	56.8	34.7	10	4	146	2
Y219	<100	2.6	750	289	155	76.6	34	10	348	<1
Y220	<100	2.8	500	63	28.4	17.3	27	6	69	1
Y221	<100	2.6	760	108	55.7	29.9	39	5	124	<1
Y223	<100	7.1	560	114	54.5	25.4	72	13	110	<1
Y224	<100	3.8	580	167	90.5	45.7	65	16	204	<1
Y225	<100	4.5	630	109	55.8	38.6	35	8	154	1
Y226	<100	2.4	1810	194	94.0	53.8	6	4	262	10
Y227	<100	15.7	240	14	6.5	3.8	23	4	16	<1
Y228	<100	11.7	380	55	22.8	12.5	118	12	53	<1
*Rep G209	<100	3.4	430	142	67.0	46.8	13	7	179	<1
*Rep Y184	<100	10.2	510	60	25.2	19.8	49	8	76	<1
*Rep Y199	<100	3.7	500	155	74.5	54.4	38	10	223	2
*Rep Y211	<100	9.9	530	315	130	115	21	15	444	<1
*Rep Y218	<100	2.2	940	101	49.5	35.7	14	5	148	1
*Rep Y227	<100	15.9	150	9	4.4	3.4	24	4	13	<1
*Std MMISRM16	<100	12.0	840	2	1.0	1.0	2	<1	4	14
*Std AMISO169	<100	7.4	3720	25	10.8	9.6	39	12	39	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
G201	<0.5	2.5	160	<5	12	390	<5	5.0	356	166
G202	<0.5	3.3	62	<5	2	12000	<5	8.8	97	87
G203	<0.5	4.7	151	<5	3	560	<5	5.2	277	195
G204	<0.5	4.2	50	<5	4	1640	<5	10.0	66	268
G205	<0.5	4.5	120	<5	3	650	<5	3.6	288	227
G206	<0.5	5.5	715	<5	43	2560	<5	2.3	823	91
G207	<0.5	3.8	286	<5	9	4440	<5	9.2	669	89
G208	<0.5	6.1	119	<5	42	17200	<5	4.0	136	351
G209	<0.5	2.4	251	<5	9	1090	<5	1.0	538	43
G210	<0.5	6.0	348	<5	29	610	<5	3.1	693	76
G211	<0.5	4.5	1080	<5	61	5650	<5	2.7	1570	164
G212	<0.5	7.4	50	<5	3	18600	12	10.7	65	170
G213	<0.5	5.2	43	<5	3	10300	<5	8.8	52	198
G214	<0.5	5.1	251	<5	15	1010	<5	7.9	513	65
G215	<0.5	4.2	82	<5	9	3980	<5	10.0	183	389
G216	<0.5	3.3	418	<5	25	7730	<5	8.3	713	117
G217	<0.5	4.0	229	<5	5	7040	6	11.5	405	116
G218	<0.5	7.1	92	<5	7	4390	6	5.4	119	119
G219	<0.5	7.2	248	<5	1	790	<5	7.5	410	123
G220	<0.5	10.3	13	<5	3	3180	<5	5.0	27	168
G221	<0.5	2.6	94	<5	3	6460	5	9.9	262	265
G222	<0.5	8.5	63	<5	1	3940	<5	2.3	133	246
G223	<0.5	7.5	26	<5	3	6090	5	14.3	59	174
Y183	<0.5	5.0	28	<5	6	520	<5	5.2	40	327
Y184	<0.5	4.3	231	<5	15	2180	<5	4.3	344	234
Y185	<0.5	4.1	207	<5	13	5180	<5	6.8	393	122
Y186	<0.5	12.6	411	<5	24	1440	<5	2.2	507	106
Y187	<0.5	1.7	452	<5	25	540	<5	2.6	839	219
Y188	<0.5	6.0	265	<5	33	230	<5	<0.5	593	65
Y189	<0.5	6.5	109	<5	39	1530	<5	<0.5	158	44
Y191	<0.5	5.5	538	<5	48	1120	<5	0.9	864	332
Y192	<0.5	3.3	314	<5	17	2080	10	21.4	584	92
Y193	<0.5	2.7	39	<5	3	190	<5	5.8	72	227
Y194	<0.5	4.2	139	<5	14	3190	6	13.1	327	173
Y195	<0.5	3.8	109	<5	19	1800	<5	9.3	202	191
Y196	<0.5	3.3	257	<5	33	1050	<5	5.5	527	352
Y197	<0.5	4.1	461	<5	41	1410	<5	<0.5	941	63
Y198	<0.5	12.3	106	<5	5	2420	<5	9.6	287	135
Y199	<0.5	9.3	382	<5	13	1680	6	5.2	844	42
Y200	<0.5	4.0	464	<5	91	360	<5	<0.5	623	132
Y201	<0.5	6.1	519	<5	54	4840	<5	<0.5	1030	143
Y202	<0.5	6.2	234	<5	17	1060	<5	3.4	486	109
Y203	<0.5	10.0	278	<5	10	7420	<5	10.3	544	170

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
Y204	<0.5	3.4	85	<5	4	2030	<5	5.9	192	267
Y205	<0.5	3.9	235	<5	104	850	<5	<0.5	573	149
Y206	<0.5	3.2	43	<5	4	1390	<5	2.1	142	272
Y207	<0.5	17.3	115	<5	11	2080	<5	3.2	154	75
Y208	<0.5	38.9	97	<5	16	1620	<5	6.0	110	72
Y209	<0.5	9.3	80	<5	36	680	<5	<0.5	187	68
Y210	<0.5	6.0	337	<5	101	4840	<5	<0.5	771	330
Y211	<0.5	3.9	1590	<5	36	230	<5	1.9	1930	44
Y212	<0.5	7.4	603	<5	13	5770	7	10.9	740	50
Y213	<0.5	38.8	220	<5	45	810	8	9.0	267	218
Y214	<0.5	6.8	47	<5	16	19900	<5	7.6	84	162
Y215	<0.5	9.9	1010	<5	49	240	<5	0.9	1260	94
Y216	<0.5	6.3	402	<5	27	540	<5	3.1	491	83
Y217	<0.5	6.5	258	<5	45	530	<5	0.5	542	139
Y218	<0.5	2.8	178	<5	33	300	<5	1.1	406	110
Y219	<0.5	3.7	628	<5	30	4850	<5	3.1	1160	258
Y220	<0.5	6.3	106	<5	18	510	<5	4.4	194	44
Y221	<0.5	3.5	155	<5	34	2730	<5	3.2	339	365
Y223	<0.5	3.3	160	<5	8	1400	<5	10.7	343	234
Y224	<0.5	3.6	209	<5	10	2920	5	14.9	567	55
Y225	<0.5	3.8	228	<5	19	1680	<5	4.4	505	52
Y226	<0.5	11.9	260	<5	50	350	<5	<0.5	671	35
Y227	<0.5	8.4	59	<5	12	770	<5	2.3	74	31
Y228	<0.5	15.0	99	<5	10	1930	<5	6.6	192	286
*Rep G209	<0.5	2.6	331	<5	17	1420	<5	1.2	633	66
*Rep Y184	<0.5	4.1	189	<5	12	4110	<5	4.6	296	226
*Rep Y199	<0.5	7.4	373	<5	11	1480	6	5.3	808	38
*Rep Y211	<0.5	5.5	1510	<5	37	410	<5	2.3	2050	50
*Rep Y218	<0.5	3.4	203	<5	33	640	<5	2.3	450	123
*Rep Y227	<0.5	10.3	53	<5	20	720	7	2.3	64	20
*Std MMISRM16	<0.5	41.1	4	<5	34	120	61	<0.5	14	398
*Std AMISO169	<0.5	40.9	334	<5	29	3550	<5	3.4	323	432
*Blk BLANK	<0.5	0.1	1	<5	<1	<10	<5	<0.5	1	<5
*Blk BLANK	<0.5	0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
G201	0.9	100	<1	67	<1	94	<1	99	85	<1
G202	1.6	140	1	20	<1	174	<1	85	28	1
G203	4.5	110	<1	59	<1	138	<1	82	63	<1
G204	11.3	70	<1	14	<1	136	<1	79	17	<1
G205	5.1	210	<1	58	<1	122	<1	107	71	<1
G206	0.9	240	<1	184	<1	135	2	248	182	1
G207	0.9	150	<1	124	<1	80	1	175	166	<1
G208	2.1	150	<1	31	<1	133	2	92	32	<1
G209	0.2	130	<1	103	<1	66	<1	171	137	<1
G210	0.6	300	<1	131	<1	134	<1	255	188	<1
G211	0.6	270	<1	336	<1	80	2	447	356	<1
G212	13.4	180	<1	14	<1	71	3	47	16	1
G213	11.4	170	<1	12	<1	155	2	52	15	1
G214	1.9	210	<1	97	<1	131	1	130	134	<1
G215	5.8	130	1	34	<1	110	1	129	52	<1
G216	1.6	210	<1	143	<1	85	2	240	173	<1
G217	3.9	190	1	83	<1	113	2	171	103	1
G218	9.0	230	1	26	<1	251	2	71	29	1
G219	0.9	160	<1	86	<1	159	<1	136	108	<1
G220	4.9	190	<1	5	<1	150	<1	36	9	<1
G221	4.6	180	1	45	<1	103	2	171	82	1
G222	5.5	170	<1	26	<1	193	<1	50	38	<1
G223	4.4	150	<1	11	<1	122	1	60	18	<1
Y183	1.8	60	<1	9	<1	101	<1	36	10	<1
Y184	2.4	3520	<1	73	<1	159	1	121	83	<1
Y185	3.0	550	1	78	<1	125	2	161	100	<1
Y186	1.3	120	<1	119	<1	291	1	63	103	<1
Y187	0.7	170	<1	162	<1	64	2	241	217	<1
Y188	0.2	130	<1	105	<1	155	<1	204	168	<1
Y189	0.6	100	<1	34	<1	212	<1	19	33	<1
Y191	0.8	130	<1	176	<1	102	2	79	197	<1
Y192	4.4	300	1	116	<1	124	3	167	154	1
Y193	9.0	120	<1	15	<1	67	1	79	21	<1
Y194	2.9	260	<1	57	<1	113	2	199	100	<1
Y195	2.9	140	<1	40	<1	124	2	136	56	<1
Y196	1.5	170	<1	100	<1	94	2	197	144	<1
Y197	0.3	140	<1	176	<1	86	<1	215	258	<1
Y198	1.4	300	<1	49	<1	109	1	169	88	<1
Y199	1.3	390	<1	162	<1	127	2	216	215	<1
Y200	0.3	30	<1	129	<1	82	<1	84	140	<1
Y201	0.2	170	<1	194	<1	143	<1	333	282	<1
Y202	0.5	180	<1	91	<1	89	1	188	132	<1
Y203	1.6	240	<1	104	<1	147	2	270	159	<1

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
Y204	7.3	200	<1	38	<1	122	2	175	53	<1
Y205	0.2	60	<1	100	<1	33	<1	113	184	<1
Y206	6.6	570	<1	25	<1	169	<1	114	44	<1
Y207	2.4	540	<1	34	<1	154	2	67	38	<1
Y208	2.0	190	<1	25	<1	346	<1	59	26	<1
Y209	0.2	120	<1	32	<1	133	<1	121	61	<1
Y210	0.2	70	<1	138	<1	74	<1	141	238	<1
Y211	0.4	360	<1	443	<1	59	<1	250	381	<1
Y212	1.8	310	<1	172	<1	296	3	159	165	1
Y213	2.8	380	<1	62	<1	254	2	71	60	<1
Y214	2.4	90	<1	17	<1	144	<1	145	24	<1
Y215	0.3	380	<1	277	<1	89	<1	316	283	<1
Y216	1.1	360	<1	106	<1	122	2	184	120	<1
Y217	0.3	120	<1	100	<1	79	<1	146	151	<1
Y218	0.3	80	<1	73	<1	63	1	167	116	<1
Y219	0.8	200	<1	234	<1	90	1	367	293	<1
Y220	0.5	310	<1	37	<1	93	<1	134	57	<1
Y221	0.9	170	<1	63	<1	86	1	173	98	<1
Y223	2.5	300	<1	67	<1	104	1	145	91	<1
Y224	1.5	300	<1	97	<1	86	1	184	164	<1
Y225	1.0	310	<1	94	<1	101	1	188	132	<1
Y226	0.2	120	<1	120	<1	117	<1	149	201	<1
Y227	0.4	80	<1	17	<1	217	<1	29	16	<1
Y228	8.7	320	<1	41	<1	116	<1	73	45	<1
*Rep G209	0.2	170	<1	122	<1	88	<1	205	155	1
*Rep Y184	1.9	3340	<1	62	<1	156	1	103	72	<1
*Rep Y199	1.1	350	<1	155	<1	123	2	189	203	<1
*Rep Y211	0.5	340	<1	459	<1	69	1	286	417	<1
*Rep Y218	0.4	70	<1	83	<1	76	1	131	123	<1
*Rep Y227	0.5	90	<1	15	<1	226	<1	18	13	<1
*Std MMISRM16	0.4	100	27	2	<1	340	<1	9	4	<1
*Std AMISO169	3.0	100	<1	84	<1	230	1	53	53	<1
*Bik BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Bik BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
G201	320	<1	16	<10	11.5	690	0.6	17	<1	529
G202	80	<1	5	<10	25.7	1270	0.7	21	<1	132
G203	150	<1	12	<10	21.3	772	<0.5	21	<1	356
G204	130	<1	5	<10	34.0	1270	0.7	33	<1	163
G205	140	<1	15	<10	26.2	505	1.0	49	<1	461
G206	1050	<1	30	<10	46.5	799	0.7	60	1	907
G207	130	<1	27	<10	19.1	1420	<0.5	31	<1	950
G208	980	<1	7	<10	32.3	840	0.9	21	<1	302
G209	150	<1	22	<10	9.2	123	<0.5	24	<1	658
G210	530	<1	36	<10	28.1	572	0.7	40	<1	1200
G211	1680	<1	59	<10	36.1	1060	0.6	53	1	2180
G212	70	<1	3	<10	36.2	2850	<0.5	15	2	74
G213	100	<1	4	<10	34.9	1700	<0.5	17	<1	109
G214	270	<1	21	<10	17.9	1530	<0.5	22	1	646
G215	280	<1	11	<10	29.5	1650	<0.5	23	<1	360
G216	540	<1	29	<10	26.8	2020	0.6	34	1	1000
G217	180	<1	17	<10	37.3	2330	0.7	33	2	466
G218	220	<1	5	<10	34.2	1410	0.6	17	1	111
G219	80	<1	20	<10	17.1	1110	<0.5	27	<1	480
G220	90	<1	3	<10	21.1	750	<0.5	13	<1	119
G221	90	<1	18	<10	24.0	1620	0.8	39	<1	556
G222	70	<1	10	<10	21.9	349	0.5	17	<1	295
G223	90	<1	5	<10	27.6	1990	0.6	23	<1	170
Y183	200	<1	3	<10	26.2	615	0.8	21	<1	95
Y184	480	<1	13	<10	47.8	693	0.9	37	<1	318
Y185	420	<1	20	<10	48.9	1280	1.1	29	<1	651
Y186	640	<1	12	<10	85.8	425	0.7	26	<1	288
Y187	820	<1	37	<10	27.0	537	0.6	60	<1	1220
Y188	800	<1	28	<10	6.3	50	<0.5	36	<1	999
Y189	2020	<1	5	<10	14.2	12	<0.5	14	<1	145
Y191	1930	<1	28	<10	31.3	203	0.7	72	<1	1010
Y192	380	1	24	<10	78.9	4440	0.7	63	2	643
Y193	170	<1	6	<10	28.9	496	0.7	25	<1	227
Y194	310	<1	23	<10	28.7	2260	0.7	55	1	876
Y195	800	<1	10	<10	38.3	1520	0.7	39	<1	314
Y196	1150	<1	27	<10	28.7	817	0.6	62	<1	984
Y197	1280	<1	42	<10	11.0	59	0.6	46	<1	1340
Y198	170	<1	22	<10	22.0	1680	0.5	34	<1	802
Y199	320	<1	32	<10	39.3	1650	0.8	42	1	956
Y200	2640	<1	22	<10	23.4	9	0.5	45	<1	803
Y201	1470	<1	48	<10	17.9	13	0.9	58	<1	1570
Y202	670	<1	23	<10	21.8	603	<0.5	36	<1	784
Y203	330	<1	31	<10	43.8	2010	0.6	52	1	1070

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
Y204	160	<1	13	<10	48.3	899	0.7	39	<1	456
Y205	2640	<1	34	<10	14.9	5	<0.5	194	<1	1280
Y206	220	<1	13	<10	22.1	297	0.6	24	<1	476
Y207	160	<1	6	<10	81.6	1000	0.5	24	<1	189
Y208	340	<1	5	<10	44.8	1070	0.5	15	<1	133
Y209	780	<1	12	<10	6.7	40	0.6	34	<1	452
Y210	2010	<1	43	<10	11.9	<3	<0.5	55	<1	1470
Y211	1000	<1	56	<10	28.4	760	0.8	46	<1	1740
Y212	400	<1	26	<10	55.0	3770	2.0	42	2	805
Y213	490	<1	9	<10	128	2110	<0.5	26	2	227
Y214	220	<1	6	<10	35.0	1240	<0.5	75	<1	223
Y215	1590	<1	48	<10	42.2	287	0.6	80	<1	1420
Y216	1110	<1	22	<10	55.0	1340	0.7	37	1	727
Y217	1270	<1	24	<10	13.3	79	<0.5	24	<1	806
Y218	890	<1	19	<10	10.2	126	<0.5	29	<1	674
Y219	900	<1	48	<10	44.9	633	0.6	110	1	1840
Y220	430	<1	11	<10	32.6	834	0.6	41	<1	301
Y221	750	<1	18	<10	24.3	503	0.5	58	<1	598
Y223	270	<1	18	<10	44.5	1700	0.8	44	<1	588
Y224	170	<1	28	<10	37.8	2660	0.7	52	1	995
Y225	490	<1	19	<10	27.7	1040	0.5	33	<1	655
Y226	1540	<1	34	<10	7.7	<3	0.5	529	<1	1080
Y227	540	<1	2	<10	24.3	390	0.6	17	<1	69
Y228	280	<1	9	<10	40.2	659	1.1	37	<1	255
*Rep G209	320	<1	25	<10	13.8	190	<0.5	29	<1	788
*Rep Y184	390	<1	11	<10	45.1	729	0.9	31	<1	266
*Rep Y199	300	<1	28	<10	33.1	1520	0.7	35	1	852
*Rep Y211	1000	<1	58	<10	30.5	882	0.8	49	1	1710
*Rep Y218	900	<1	18	<10	11.9	295	<0.5	26	<1	605
*Rep Y227	830	<1	2	<10	17.1	414	0.7	11	<1	45
*Std MMISRM16	470	<1	<1	<10	18.5	11	<0.5	51	<1	10
*Std AMISO169	80	<1	5	<10	69.6	417	1.3	24	2	111
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5

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Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
G201	25	40	74
G202	11	80	233
G203	23	110	109
G204	14	90	187
G205	31	30	114
G206	47	40	123
G207	50	90	135
G208	22	200	67
G209	37	30	57
G210	78	30	71
G211	114	30	111
G212	6	310	185
G213	9	300	163
G214	35	30	136
G215	25	210	196
G216	57	110	147
G217	29	160	280
G218	8	240	250
G219	27	60	154
G220	11	1090	110
G221	38	160	232
G222	23	360	84
G223	14	150	183
Y183	11	30	92
Y184	18	90	206
Y185	43	160	210
Y186	16	140	122
Y187	67	30	73
Y188	55	30	39
Y189	9	220	25
Y191	43	90	68
Y192	47	50	290
Y193	23	30	97
Y194	53	30	171
Y195	22	50	151
Y196	64	80	122
Y197	72	<20	60
Y198	51	40	108
Y199	59	50	174
Y200	36	20	30
Y201	104	20	37
Y202	47	20	89
Y203	79	40	194

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Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
Y204	32	40	200
Y205	64	<20	24
Y206	34	120	70
Y207	12	40	213
Y208	8	40	160
Y209	25	40	47
Y210	86	<20	23
Y211	68	30	78
Y212	47	60	157
Y213	15	30	257
Y214	17	50	291
Y215	66	50	100
Y216	38	30	153
Y217	42	<20	63
Y218	38	<20	77
Y219	115	30	114
Y220	19	20	138
Y221	39	40	132
Y223	38	50	222
Y224	66	50	162
Y225	39	50	101
Y226	59	30	19
Y227	5	30	41
Y228	13	80	125
*Rep G209	44	30	64
*Rep Y184	16	80	213
*Rep Y199	51	40	175
*Rep Y211	75	40	84
*Rep Y218	33	30	88
*Rep Y227	3	20	33
*Std MMISRM16	<1	330	17
*Std AMISO169	9	210	50
*BIK BLANK	<1	<20	<5
*BIK BLANK	<1	<20	<5

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