Quality Analysis ... *Innovative Technologies*

Date Submitted:	24-Sep-18
Invoice No.:	A18-13705-TD Final
Invoice Date:	31-Oct-18
Your Reference:	BMK-2017

MacDonald Mines Exploration Ltd.
145 Wellington Street West
Suite 1001
Toronto ON M5J 1H8
Canada

ATTN: Vice President of Exploration Quentin Yarie (INV+CERT)

CERTIFICATE OF ANALYSIS

212 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code ME-MS61-RedPine Total Digestion ICP & ICP/MS

REPORT **A18-13705-TD Final**

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
709201	0.04	3.21	1.6	30	0.65	0.04	22.9	< 0.02	30.6	9.6	35	1.19	2.2	1.16	7.43	< 0.05	1.2	< 0.005	0.68	15.6	6.6	0.97	549
709202	0.02	3.55	0.7	30	0.84	0.04	20.8	< 0.02	23.2	6.4	40	1.80	1.4	1.41	8.69	< 0.05	0.2	< 0.005	1.19	12.3	10.4	1.35	526
709203	0.02	3.97	< 0.2	30	0.60	0.03	19.7	< 0.02	37.6	5.3	51	1.44	0.6	1.12	8.30	< 0.05	0.3	0.007	0.76	18.3	7.9	1.19	533
709204	0.02	3.61	0.3	30	0.61	0.03	19.3	< 0.02	25.0	2.5	52	1.39	0.6	0.95	8.49	< 0.05	1.1	0.014	0.64	11.9	6.2	1.06	592
709205	0.02	3.19	0.4	20	0.40	0.03	20.7	< 0.02	24.7	5.5	50	0.67	0.8	0.83	6.94	< 0.05	1.2	0.008	0.31	12.3	2.8	0.65	590
709206	0.08	4.01	< 0.2	10	0.60	0.04	14.2	< 0.02	37.0	2.0	68	0.40	0.9	1.32	9.06	< 0.05	2.2	0.009	0.49	18.2	3.0	3.12	767
709207	0.06	4.95	0.5	30	0.74	0.03	14.5	< 0.02	34.3	2.8	86	1.02	0.7	1.10	12.0	0.07	2.7	0.014	0.69	16.7	5.1	1.82	503
709208	0.04	3.17	0.3	20	0.63	0.02	13.4	< 0.02	44.2	3.2	53	0.87	0.8	1.99	7.43	< 0.05	1.9	0.006	0.76	21.9	4.7	4.90	1100
709209	0.01	3.55	0.4	30	0.65	0.02	13.3	< 0.02	21.4	3.9	36	1.21	0.8	2.27	8.39	0.15	2.0	0.010	1.01	10.5	6.4	5.83	1120
709210	0.02	4.13	< 0.2	30	0.81	0.03	19.8	< 0.02	39.3	3.3	42	1.61	1.1	1.16	9.89	0.21	2.1	< 0.005	0.89	19.2	6.4	1.52	578
709211	0.02	3.53	< 0.2	20	0.56	0.02	21.5	< 0.02	30.7	2.1	43	0.99	0.6	0.85	7.82	0.17	1.8	0.019	0.52	15.1	4.2	1.00	648
709212	0.04	7.90	< 0.2	20	1.25	0.04	2.48	< 0.02	86.7	2.5	105	0.12	6.6	1.46	21.1	0.22	3.3	< 0.005	0.38	47.5	4.3	1.22	223
709213	0.05	7.31	< 0.2	20	1.13	0.03	3.87	< 0.02	45.4	3.9	69	0.08	4.6	1.74	16.3	0.11	3.5	< 0.005	0.32	23.8	1.9	1.86	318
709214	0.03	5.72	2.2	10	0.77	0.03	3.83	< 0.02	13.4	22.3	97	< 0.05	4.8	2.22	13.8	< 0.05	0.3	< 0.005	0.19	5.8	0.5	1.68	260
709215	0.05	6.88	1.1	10	1.56	0.02	3.36	< 0.02	39.5	1.5	50	< 0.05	1.6	1.08	14.3	< 0.05	3.0	< 0.005	0.15	22.8	0.6	1.58	153
709216	0.10	6.56	0.3	10	0.99	0.02	3.08	< 0.02	113	2.5	61	< 0.05	5.9	1.32	15.2	< 0.05	3.6	< 0.005	0.17	67.6	0.7	1.44	190
709217	0.03	7.22	0.5	20	0.91	0.03	4.76	< 0.02	12.0	3.0	63	< 0.05	2.1	2.02	17.5	0.05	2.9	< 0.005	0.29	6.7	0.6	2.16	297
709218	0.02	7.43	< 0.2	20	0.85	0.03	3.16	< 0.02	46.3	2.1	78	0.20	1.9	1.39	18.5	0.22	2.9	< 0.005	0.41	25.2	8.2	1.81	157
709219	0.02	7.64	0.6	20	0.99	0.03	3.39	< 0.02	37.7	2.0	81	0.08	8.6	1.33	18.4	0.18	2.7	< 0.005	0.27	20.0	4.2	1.74	175
709220	0.02	7.59	0.3	20	0.92	0.03	4.38	< 0.02	19.6	2.5	75	< 0.05	2.0	1.98	19.0	0.09	2.4	< 0.005	0.27	10.5	1.4	1.98	292
709221	0.02	6.55	0.5	20	0.90	0.03	5.08	< 0.02	34.4	3.0	67	0.06	2.7	2.20	17.8	0.22	2.7	0.009	0.31	18.5	1.9	2.34	334
709222	0.03	6.42	< 0.2	20	0.75	0.03	5.40	< 0.02	45.6	3.7	82	0.15	2.3	2.46	18.5	0.06	3.4	0.005	0.37	24.7	5.2	2.67	359
709223	0.04	4.99	2.0	10	0.68	0.03	4.71	< 0.02	118	3.6	101	< 0.05	4.1	2.09	12.0	< 0.05	2.3	< 0.005	0.16	67.2	0.6	2.12	308
709224	0.04	7.56	2.4	20	0.67	0.03	2.83	< 0.02	23.3	1.8	81	< 0.05	5.1	1.38	17.6	0.18	3.3	< 0.005	0.21	14.5	0.6	1.28	189
709225	0.02	7.55	0.9	20	0.86	0.02	3.89	< 0.02	59.5	1.8	79	< 0.05	3.3	1.45	18.6	0.11	3.0	< 0.005	0.23	33.6	1.2	1.89	197
709226	0.07	6.83	3.9	20	0.79	0.03	3.74	< 0.02	55.2	57.3	60	< 0.05	18.2	2.78	15.4	< 0.05	3.4	< 0.005	0.17	33.6	0.6	1.71	283
709227	0.02	2.55	3.0	30	0.36	0.21	5.75	< 0.02	29.2	29.8	86	0.07	8.0	2.14	5.68	< 0.05	1.2	0.028	0.60	18.0	0.7	3.18	614
709228	0.02	2.60	3.5	20	0.40	0.03	4.02	< 0.02	30.7	32.1	89	< 0.05	13.5	2.00	5.98	< 0.05	0.7	0.027	0.91	17.1	0.7	2.16	556
709229	0.04	3.14	9.8	10	0.30	0.03	2.77	< 0.02	29.0	153	51	< 0.05	6.0	3.20	7.13	< 0.05	1.9	0.012	0.33	15.5	0.6	1.37	246
709230	0.02	0.49	8.6	< 10	0.10	0.03	5.20	< 0.02	15.1	141	53	0.05	3.2	2.71	1.17	0.08	0.4	0.015	0.30	7.0	0.5	2.83	391
709231	0.04	3.07	6.9	20	0.29	0.04	9.26	< 0.02	54.9	113	46	< 0.05	12.1	3.05	7.83	< 0.05	2.1	0.016	1.77	25.5	0.6	5.07	678
709232	0.01	4.17	0.3	20	0.52	0.03	17.7	< 0.02	33.3	5.1	46	0.14	0.7	1.75	9.40	0.05	1.1	0.008	0.83	17.0	1.7	2.19	491
709233	0.03	5.18	< 0.2	30	1.09	0.03	15.3	< 0.02	38.0	12.7	63	0.87	0.9	2.90	12.4	0.17	2.4	0.010	0.65	18.4	6.4	1.30	307
709234	0.01	4.93	< 0.2	40	1.38	0.03	15.7	< 0.02	41.1	11.1	60	1.38	0.6	2.84	12.8	0.35	2.0	0.012	0.78	20.9	6.1	1.42	234
709235	0.03	4.27	0.8	20	0.86	0.04	19.7	< 0.02	36.9	10.0	48	0.66	4.4	2.07	9.37	< 0.05	2.2	0.006	0.42	18.5	2.6	1.17	302
709236	< 0.01	5.70	< 0.2	< 10	0.93	0.03	14.6	< 0.02	26.2	2.6	65	0.06	0.4	1.63	12.0	0.07	1.3	< 0.005	0.22	12.8	0.8	1.91	339
709237	0.02	4.78	0.7	< 10	0.85	0.04	16.4	< 0.02	36.3	7.7	57	0.13	< 0.2	1.52	11.0	< 0.05	2.5	0.007	0.20	18.0	1.1	1.36	296
709238	0.04	3.36	0.7	20	0.81	0.03	20.8	< 0.02	27.1	9.7	62	0.61	0.8	1.83	7.91	< 0.05	2.0	0.008	0.37	14.1	2.2	0.93	311
709239	0.02	3.85	0.3	40	1.03	0.03	19.6	< 0.02	26.7	8.7	50	1.26	0.9	2.04	9.02	< 0.05	1.1	0.015	0.72	13.8	3.4	1.26	289
709240	0.25	7.21	621	340	1.10	0.09	5.56	0.12	33.3	43.8	128	1.37	77.7	8.73	17.4	0.09	1.7	0.081	0.66	17.9	8.7	3.83	1850
709241	0.05	4.98	0.5	40	1.15	0.03	15.8	< 0.02	34.8	11.3	91	1.61	7.1	2.76	12.1	0.29	2.3	0.008	0.82	17.5	3.7	1.40	240
709242	0.04	3.57	0.4	30	0.89	0.03	20.8	< 0.02	30.4	9.4	47	1.16	1.0	1.85	8.57	0.18	1.9	0.012	0.61	15.2	2.6	1.12	306

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
709243	0.02	5.34	< 0.2	50	1.23	0.04	14.6	< 0.02	41.3	17.1	53	1.48	2.6	2.41	11.8	0.27	2.1	0.008	0.83	20.9	3.5	1.34	225
709244	0.03	3.86	0.2	30	0.93	0.03	19.5	< 0.02	41.8	9.7	62	1.10	0.4	2.22	9.28	< 0.05	1.9	0.009	0.67	21.4	3.6	1.22	304
709245	0.04	5.13	1.5	50	1.02	0.03	14.8	< 0.02	29.4	14.2	91	1.32	4.2	2.90	11.8	< 0.05	2.5	< 0.005	0.75	15.4	4.7	1.43	271
709246	0.02	4.44	0.6	30	0.72	0.03	17.6	< 0.02	24.0	10.5	55	0.91	1.9	2.65	9.85	0.14	2.0	0.020	0.64	11.9	4.1	1.42	294
709247	0.06	4.64	4.3	10	0.74	0.03	12.1	< 0.02	26.2	77.6	42	< 0.05	12.0	2.51	10.0	< 0.05	2.3	0.009	0.23	13.3	0.9	1.72	323
709248	0.08	7.27	3.0	20	0.91	0.03	3.04	< 0.02	101	43.4	74	< 0.05	5.1	1.60	19.9	< 0.05	4.5	0.007	0.10	58.3	0.7	1.40	125
709249	0.06	6.82	3.9	20	1.06	0.04	4.02	< 0.02	78.0	66.8	77	0.08	1.9	2.23	15.1	< 0.05	3.6	< 0.005	0.14	45.0	2.1	2.03	166
709250	0.02	11.8	0.6	30	0.62	0.04	0.24	< 0.02	3.39	0.2	4	0.77	1.1	0.74	23.0	< 0.05	0.4	< 0.005	3.57	1.4	25.7	0.05	134
709251	0.11	6.90	1.1	20	1.17	0.04	4.02	< 0.02	77.9	20.6	60	0.23	6.8	1.65	15.6	0.07	3.8	0.009	0.32	40.3	6.0	2.54	179
709252	0.07	7.12	1.3	20	1.59	0.04	2.65	< 0.02	50.6	25.9	97	0.37	1.8	2.28	19.0	0.14	3.6	0.006	0.32	24.7	5.8	2.37	150
709253	0.07	7.01	2.0	20	1.68	0.04	3.37	< 0.02	58.6	27.3	83	0.24	0.9	1.86	18.3	0.18	3.8	< 0.005	0.28	30.6	7.2	2.10	161
709254	0.04	7.49	2.3	30	1.10	0.03	2.44	< 0.02	30.5	18.8	73	0.54	2.2	1.34	19.3	0.21	3.5	< 0.005	0.57	15.6	8.2	2.03	107
709255	0.04	7.43	1.3	20	0.88	0.03	4.69	< 0.02	41.5	12.3	60	0.09	1.6	1.34	17.6	0.10	3.5	< 0.005	0.19	23.0	2.2	2.54	171
709256	0.06	7.54	1.3	20	1.07	0.04	3.29	< 0.02	52.6	20.9	72	0.39	1.3	1.29	18.8	0.30	3.6	0.009	0.45	27.0	8.8	2.30	118
709257	0.04	4.52	8.1	20	0.83	0.04	1.99	< 0.02	36.9	144	64	0.13	2.4	3.87	10.9	< 0.05	2.4	0.008	0.15	19.5	2.3	1.00	273
709258	0.06	7.33	0.6	30	0.95	0.03	4.06	0.03	88.9	13.9	62	0.59	0.9	1.37	20.0	0.40	3.5	< 0.005	0.77	48.3	32.6	3.29	142
709259	0.05	4.23	3.7	10	0.79	0.03	4.48	< 0.02	77.1	49.7	61	< 0.05	1.4	2.57	10.5	< 0.05	2.0	0.011	0.11	44.1	0.7	2.04	276
709260	0.06	5.76	4.3	20	0.98	0.03	3.76	< 0.02	251	66.2	63	< 0.05	2.3	2.50	13.0	< 0.05	2.8	< 0.005	0.16	153	0.8	1.76	230
709261	0.07	7.44	2.0	30	1.34	0.04	1.89	< 0.02	61.4	29.3	83	0.37	1.4	1.52	19.7	0.15	4.3	< 0.005	0.64	31.9	11.0	1.61	115
709262	0.07	7.44	1.3	30	1.43	0.04	3.37	< 0.02	63.1	21.0	77	0.29	1.8	1.65	19.1	0.21	4.1	< 0.005	0.52	31.7	5.7	2.12	186
709263	0.03	7.21	1.2	20	1.05	0.03	3.69	< 0.02	92.1	13.2	64	0.16	2.2	1.50	15.9	0.17	3.9	< 0.005	0.23	56.6	3.2	1.97	189
709264	0.03	7.27	1.3	30	1.04	0.04	3.10	< 0.02	43.5	18.4	71	0.35	2.3	1.32	18.1	0.23	3.4	< 0.005	0.51	21.7	9.7	2.22	154
709265	0.06	7.54	2.0	30	0.95	0.04	3.44	0.04	41.0	13.9	72	0.20	1.0	1.36	17.2	0.15	3.6	0.006	0.36	23.0	11.8	2.03	172
709266	0.04	7.28	1.2	20	1.00	0.03	2.14	< 0.02	92.3	15.9	79	0.18	4.4	1.25	17.4	0.26	4.1	0.011	0.30	55.4	9.1	1.25	144
709267	0.05	6.74	1.7	20	0.73	0.03	2.14	< 0.02	30.4	8.6	82	< 0.05	7.0	1.31	14.0	< 0.05	3.7	< 0.005	0.13	18.7	0.7	0.94	181
709268	0.06	6.90	2.1	20	0.74	0.02	2.47	< 0.02	29.2	23.8	89	< 0.05	4.4	1.78	14.6	0.08	3.6	< 0.005	0.13	16.6	0.6	1.10	213
709269	< 0.01	0.03	2.1	< 10	< 0.05	0.02	0.29	< 0.02	2.16	0.3	57	0.07	4.3	0.37	0.21	< 0.05	< 0.1	< 0.005	< 0.01	1.3	0.3	0.13	51
709270	0.04	7.16	1.1	30	0.92	0.03	1.18	0.02	19.8	7.9	141	< 0.05	32.8	2.14	16.4	0.14	1.0	0.007	0.37	10.3	1.0	0.45	397
709551	0.06	8.08	2.5	860	1.94	0.33	0.32	< 0.02	31.1	14.4	137	2.64	49.2	3.98	22.5	0.46	4.8	0.045	2.85	12.8	21.5	2.07	269
709552	0.10	6.93	6.6	580	1.31	0.52	0.20	< 0.02	12.2	13.8	150	1.63	24.3	3.74	17.5	0.26	4.4	0.041	1.80	5.0	14.8	1.63	243
709553	0.04	7.23	2.4	630	1.42	0.33	0.65	< 0.02	49.3	13.6	120	1.78	28.7	3.12	17.7	0.27	4.5	0.033	2.02	23.5	14.7	1.48	304
709554	0.04	7.40	3.7	590	1.48	0.41	0.69	< 0.02	55.8	12.2	136	2.45	29.6	3.54	17.5	0.26	4.4	0.041	2.21	23.4	14.9	1.62	316
709555	0.02	4.69	3.8	390	1.03	0.18	0.19	< 0.02	25.5	8.8	142	1.22	9.4	2.52	11.9	< 0.05	0.5	0.028	1.16	9.1	10.2	1.25	215
709556	0.05	6.78	4.5	480	1.29	0.44	0.51	0.04	49.9	16.8	175	1.54	33.6	3.56	15.6	0.12	4.2	0.044	1.54	23.7	12.1	1.55	351
709557	0.07	7.30	3.5	650	1.54	0.40	0.46	< 0.02	52.4	19.4	148	2.52	38.2	3.71	18.6	0.13	4.4	0.041	1.97	25.9	15.2	1.63	295
709558	0.04	7.38	2.2	660	1.55	0.41	0.46	0.04	46.7	16.6	149	2.71	32.3	3.79	18.8	0.31	5.0	0.047	2.08	21.9	14.9	1.57	296
709559	0.06	7.08	2.9	670	1.47	0.51	0.36	< 0.02	49.9	20.3	157	3.10	34.3	3.81	19.2	0.15	4.8	0.060	2.16	24.0	15.2	1.65	308
709560	0.09	7.26	2.4	690	1.60	0.38	0.40	< 0.02	52.4	20.5	144	2.81	38.0	3.87	17.9	0.12	4.7	0.063	2.14	25.8	15.3	1.65	324
709561	0.09	7.26	3.0	700	1.67	0.53	0.37	< 0.02	59.4	23.8	154	3.04	43.7	4.14	18.8	< 0.05	4.7	0.058	1.91	28.5	16.4	1.71	304
709562	0.10	7.51	1.7	710	1.87	0.49	0.29	< 0.02	51.5	19.7	147	2.61	45.4	3.99	20.2	0.08	5.4	0.078	1.63	23.5	18.5	1.78	307
709563	0.21	5.72	35.2	330	1.01	0.93	0.20	< 0.02	44.5	24.8	143	1.44	104	4.90	13.3	< 0.05	3.6	0.037	1.24	23.4	11.8	1.22	202
709564	0.06	6.49	4.7	500	1.17	0.29	1.41	0.05	47.4	15.4	131	2.06	27.7	2.56	15.0	0.18	4.4	0.051	1.94	23.3	13.8	1.04	279

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
709565	0.11	6.80	5.4	630	1.48	0.33	0.19	0.08	34.1	18.7	116	2.97	42.6	3.21	16.5	0.11	4.5	0.074	2.27	16.9	15.4	1.26	142
709566	0.07	6.54	5.9	590	1.39	0.27	0.19	0.08	37.1	16.4	118	2.84	39.4	3.06	16.1	0.39	4.6	0.064	2.27	19.1	14.5	1.21	132
709567	0.05	6.11	14.1	450	1.35	0.65	0.20	0.26	97.3	17.5	109	2.17	22.8	3.02	15.7	0.17	4.2	0.057	1.80	47.5	15.7	1.44	156
709568	0.05	6.77	8.0	510	1.68	0.33	0.25	< 0.02	57.4	18.2	130	2.16	35.6	3.24	18.3	0.31	4.2	0.049	2.06	28.9	18.1	1.51	165
709569	0.08	7.47	13.6	560	1.83	0.35	0.28	0.07	52.5	20.4	123	2.30	43.4	3.54	19.3	0.26	4.3	0.051	2.17	25.8	18.6	1.62	149
709570	0.07	6.96	15.8	440	1.47	0.35	0.32	0.25	62.9	25.0	161	1.61	50.7	3.44	17.3	0.10	3.7	0.032	1.58	28.9	18.0	1.65	192
709571	0.10	6.86	4.8	340	1.22	0.25	0.27	1.14	45.6	16.9	152	1.49	44.9	3.51	15.4	0.11	3.8	0.043	1.55	21.2	17.4	1.64	213
709572	0.05	6.25	1.9	290	1.21	0.17	0.31	0.38	48.1	8.9	141	1.33	37.0	2.76	13.0	0.12	3.3	0.031	1.42	22.5	14.0	1.34	271
709573	0.05	5.14	2.7	330	0.94	0.22	0.21	0.25	38.5	13.9	140	0.80	39.8	2.97	12.1	0.29	2.8	0.020	1.47	11.9	16.1	1.33	221
709574	0.03	6.83	3.2	680	1.40	0.40	0.17	< 0.02	21.9	14.5	91	2.36	40.5	3.57	17.4	0.25	3.5	0.098	2.43	5.8	18.9	1.30	226
709575	0.08	6.49	12.4	370	0.87	0.38	0.38	0.60	54.1	20.0	138	0.68	37.8	2.38	13.1	0.12	3.8	0.048	1.57	24.3	12.5	0.88	302
709576	0.05	6.66	11.2	400	0.83	0.33	0.80	0.05	52.5	13.8	126	0.83	25.4	2.04	13.0	0.19	3.6	0.046	1.62	23.3	9.9	0.68	331
709577	0.05	6.69	14.0	310	0.89	0.38	1.11	0.06	63.2	17.9	140	0.85	25.1	2.09	12.1	0.12	2.8	0.035	1.16	28.3	8.5	0.59	507
709578	0.07	7.66	20.7	630	1.67	1.20	0.29	< 0.02	35.5	25.3	160	3.04	49.7	4.53	19.9	0.20	5.0	0.115	2.32	17.9	20.9	1.77	386
709579	0.07	6.75	10.6	470	1.33	0.41	0.54	0.21	52.6	19.7	139	1.89	37.7	3.83	14.8	0.12	3.6	0.070	1.77	26.5	16.0	1.33	409
709580	0.09	7.02	12.2	580	1.61	0.41	0.41	< 0.02	52.3	22.8	144	2.31	46.1	4.13	17.0	0.09	4.0	0.074	2.05	26.0	18.6	1.48	401
709581	0.06	6.81	6.1	550	1.49	0.38	0.39	< 0.02	59.9	14.6	136	2.20	33.8	3.58	16.2	0.15	3.6	0.067	1.95	29.7	17.2	1.30	385
709582	0.09	6.97	8.3	610	1.48	0.46	0.31	< 0.02	51.9	17.6	129	2.72	36.5	3.81	17.6	0.10	4.8	0.083	1.91	24.5	20.2	1.45	378
709583	0.09	7.85	4.4	760	1.62	0.60	0.34	< 0.02	37.6	23.1	162	2.91	53.2	4.53	19.6	0.11	4.1	0.080	2.00	16.3	22.8	1.75	414
709584	0.10	7.68	0.7	520	1.55	0.45	0.52	< 0.02	64.9	20.9	132	1.67	53.4	4.60	18.7	0.09	4.4	0.095	1.80	32.5	20.6	1.72	448
709585	0.08	7.60	2.1	410	1.36	0.45	0.63	< 0.02	64.4	18.9	134	1.34	44.6	4.28	15.9	0.08	3.5	0.069	1.42	32.2	16.7	1.63	515
709586	0.09	8.20	5.1	1050	2.23	0.60	0.42	< 0.02	61.0	27.4	154	3.30	40.9	4.54	25.5	0.34	4.8	0.160	3.48	28.5	33.0	1.73	413
709587	0.08	7.03	3.5	520	1.50	0.70	0.51	< 0.02	65.9	20.4	126	1.63	48.2	4.07	15.1	0.07	4.2	0.076	1.66	31.5	20.7	1.60	512
709588	0.10	7.31	4.7	540	1.50	0.88	0.47	0.04	55.9	24.9	140	1.71	53.3	4.46	16.7	0.10	4.3	0.036	1.72	25.1	19.9	1.71	559
709589	0.11	7.90	3.0	820	2.12	0.54	0.36	< 0.02	71.0	24.2	153	2.89	53.3	4.61	22.7	0.08	4.6	0.102	2.47	33.9	30.8	1.86	442
709590	0.93	6.06	2590	60	0.74	0.19	5.30	0.16	27.2	32.8	159	2.56	152	11.3	14.2	0.07	1.3	0.080	0.57	16.9	13.2	3.08	3570
709591	0.14	8.51	5.0	890	2.56	0.76	0.42	< 0.02	75.1	24.3	150	3.15	62.5	4.61	25.7	0.11	5.0	0.139	3.17	36.7	33.1	1.70	416
709592	0.11	8.31	5.6	650	2.29	0.78	0.37	< 0.02	61.3	29.2	138	3.28	71.1	4.70	24.2	0.09	4.8	0.122	2.60	29.1	29.5	1.72	409
709593	0.11	8.69	3.9	1020	2.18	0.51	0.40	< 0.02	70.4	26.1	138	3.22	60.5	4.85	24.0	0.13	4.5	0.120	3.06	33.9	28.5	1.77	437
709594	0.08	8.87	4.0	1150	2.28	0.53	0.35	< 0.02	65.5	21.6	149	3.14	42.2	4.33	23.6	0.26	4.2	0.116	3.25	29.1	29.4	1.75	434
709595	0.11	8.00	14.5	840	1.77	0.66	0.30	< 0.02	24.6	22.3	156	2.66	49.4	4.75	20.4	0.18	4.5	0.069	2.61	11.6	25.0	1.80	459
709596	0.05	5.98	5.4	350	1.14	0.39	0.41	< 0.02	88.3	15.0	133	0.80	22.1	2.00	11.2	0.28	4.4	0.036	1.10	30.4	10.8	0.65	588
709597	0.05	5.99	7.0	370	1.03	0.41	0.40	0.03	78.4	16.8	139	0.79	32.4	2.49	10.7	0.13	3.3	0.054	1.17	37.4	11.3	0.79	381
709598	0.08	7.20	1.4	460	1.15	0.32	0.37	< 0.02	63.5	15.4	141	0.65	44.0	3.82	14.4	0.07	4.1	0.062	1.43	31.6	19.9	1.56	419
709599	0.11	8.46	14.0	990	2.01	0.52	0.32	< 0.02	42.6	27.8	155	3.79	46.7	4.74	22.3	0.25	4.5	0.096	2.73	19.2	30.4	1.95	447
709600	0.03	9.07	1.0	10	0.61	0.04	0.24	< 0.02	1.50	0.3	6	0.77	1.0	0.81	22.0	0.09	0.5	< 0.005	3.97	0.7	25.0	0.01	141
709301	0.11	7.92	7.0	1100	1.86	0.51	0.33	< 0.02	52.7	20.5	144	3.64	41.0	4.53	21.7	0.20	4.5	0.101	3.30	24.5	28.8	1.85	417
709302	0.07	7.61	7.4	1000	1.77	0.36	0.49	0.04	79.0	18.3	131	3.15	38.6	3.66	19.9	0.31	4.5	0.102	2.88	38.4	25.8	1.56	455
709303	0.06	5.99	2.5	400	0.85	0.25	0.52	0.05	56.3	15.3	135	0.48	48.1	3.48	11.1	0.07	4.0	0.026	1.58	28.2	13.3	1.31	427
709304	0.07	6.43	2.2	540	1.04	0.31	0.45	0.07	31.4	16.6	136	1.12	53.3	3.71	13.6	0.09	3.7	0.041	1.55	14.7	17.0	1.58	410
709305	0.09	7.34	3.7	1030	1.96	0.49	0.30	< 0.02	36.0	23.3	176	3.55	59.1	4.42	21.6	0.19	4.1	0.103	1.95	17.0	30.3	1.82	422
709306	0.06	7.37	3.2	850	1.84	0.54	0.43	< 0.02	73.0	19.9	135	3.21	35.4	4.34	19.2	0.21	4.3	0.068	1.93	35.7	26.9	1.98	481

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
709307	0.08	8.12	3.5	1220	2.39	0.81	0.31	< 0.02	31.4	22.1	161	3.61	48.0	4.72	25.7	0.36	5.1	0.085	2.98	15.6	31.9	2.07	464
709308	0.12	7.25	2.6	920	1.87	0.39	0.33	< 0.02	32.1	16.8	139	3.08	40.5	4.02	19.5	0.21	5.3	0.058	2.41	14.3	27.2	1.77	410
709309	0.10	7.32	2.6	900	1.77	0.42	0.32	< 0.02	32.3	16.0	145	3.12	40.3	4.26	19.3	0.27	5.1	0.050	2.34	14.3	26.1	1.84	460
709310	0.07	7.10	4.0	830	1.63	0.64	0.33	< 0.02	33.2	18.0	129	3.73	46.5	3.91	17.3	0.27	4.8	0.082	2.30	16.6	24.3	1.67	415
709311	0.07	6.28	1.8	500	1.02	0.53	1.00	0.06	92.6	15.8	133	1.87	37.2	3.39	12.0	< 0.05	4.3	0.043	1.37	48.0	16.7	1.27	466
709312	0.07	7.11	6.8	790	1.58	0.57	0.32	< 0.02	48.4	22.5	158	2.31	39.9	4.14	17.6	0.10	3.6	0.058	1.70	24.5	24.2	2.02	572
709313	0.06	6.64	4.7	810	1.32	0.34	0.31	< 0.02	32.3	18.2	171	1.86	38.3	3.89	16.8	0.11	3.7	0.065	1.34	12.9	22.0	1.81	560
709314	0.10	7.11	4.4	900	1.64	0.39	0.58	0.04	47.4	19.9	155	2.14	48.2	4.10	17.7	0.13	3.8	0.094	1.85	21.6	23.9	1.81	538
709315	0.10	6.97	5.8	930	1.64	0.38	1.05	< 0.02	55.3	22.2	141	2.02	42.4	3.93	17.6	0.12	4.0	0.095	1.82	26.2	23.7	1.62	550
709316	0.09	7.02	10.3	810	1.54	0.58	0.39	0.07	44.9	25.4	152	2.49	42.7	4.18	18.7	0.16	3.8	0.066	1.72	19.8	24.6	1.89	576
709317	0.11	7.63	13.9	800	1.68	0.87	0.54	< 0.02	51.3	28.1	160	2.56	45.8	4.60	19.0	0.31	3.8	0.080	1.80	26.3	26.1	2.11	709
709318	0.06	7.50	7.4	780	1.58	0.39	0.45	< 0.02	52.5	26.9	161	2.12	50.3	4.59	18.7	0.25	3.4	0.070	1.69	26.7	24.8	2.21	716
709319	0.05	7.34	6.0	780	1.73	0.47	0.32	< 0.02	44.9	21.8	165	1.93	46.9	4.40	18.5	0.43	3.5	0.036	1.74	20.7	24.2	1.93	611
709320	0.07	7.12	4.7	1100	1.46	0.31	0.31	0.08	45.2	16.8	140	1.44	26.9	3.68	18.4	0.15	4.0	0.044	1.74	21.6	26.5	1.64	487
709321	0.09	6.55	4.3	860	1.49	0.39	0.28	< 0.02	37.5	17.9	152	1.27	26.7	3.87	17.0	0.18	4.0	0.041	1.39	18.8	23.2	1.61	503
709322	0.09	7.00	3.6	890	1.31	0.37	0.27	< 0.02	45.4	15.2	137	0.94	22.5	3.45	17.0	0.21	3.8	0.036	1.85	23.5	22.3	1.50	467
709323	0.10	7.22	3.9	950	1.53	0.43	0.29	< 0.02	43.1	18.2	135	1.43	50.7	3.87	18.0	0.17	4.2	0.061	2.04	21.5	25.6	1.55	482
709324	0.08	7.17	4.6	960	1.64	0.41	0.31	< 0.02	39.9	18.5	121	2.17	34.3	3.51	17.5	0.20	4.3	0.036	2.22	18.5	23.5	1.46	461
709325	0.06	7.06	4.0	860	1.71	0.35	0.31	0.04	44.6	15.3	112	2.32	35.5	3.49	17.5	0.34	4.1	0.060	1.96	22.1	21.1	1.39	458
709326	0.10	7.01	4.6	1130	1.54	0.39	0.35	< 0.02	45.5	22.7	148	1.85	40.1	3.52	17.7	0.21	4.2	0.054	2.78	22.0	19.4	1.48	475
709327	0.08	6.79	4.4	750	1.35	0.35	0.56	< 0.02	48.0	19.8	152	1.90	39.1	4.08	16.2	0.29	3.5	0.052	1.81	23.3	21.0	1.66	575
709328	0.09	6.93	6.2	780	1.37	0.36	0.50	< 0.02	36.8	19.2	140	0.71	34.8	3.63	17.1	0.18	3.8	0.061	1.45	15.6	24.1	1.59	571
709329	0.08	6.95	6.6	770	1.37	0.36	0.43	< 0.02	53.9	21.6	144	0.72	38.7	3.67	17.3	0.22	3.6	0.048	1.72	24.7	24.8	1.60	586
709330	0.09	7.11	5.2	770	1.19	0.34	0.65	0.10	57.0	21.5	152	0.71	33.6	4.06	16.8	0.24	3.6	0.042	1.83	27.1	24.9	1.82	648
709331	0.04	6.78	6.7	600	1.58	0.34	0.33	0.10	41.9	14.0	72	1.99	25.6	2.69	16.5	0.31	3.7	0.054	2.36	17.1	18.5	1.32	194
709332	0.07	6.82	5.1	560	1.29	0.33	0.19	0.61	47.7	11.9	99	2.26	31.2	2.77	15.4	0.29	4.3	0.069	2.29	19.0	17.2	1.17	205
709271	0.11	6.48	1.4	340	1.61	0.07	0.95	< 0.02	59.6	18.5	78	2.72	0.9	2.72	15.9	0.10	5.8	0.030	1.68	29.4	7.8	2.23	145
709272	0.07	7.17	0.9	380	1.61	0.08	1.43	< 0.02	59.7	20.9	80	2.08	2.8	3.06	16.4	0.16	4.3	0.024	2.02	30.7	8.2	2.54	238
709273	0.08	7.58	1.6	430	2.18	0.17	0.47	< 0.02	70.5	22.9	90	3.53	2.2	3.07	20.5	0.38	4.7	0.047	2.47	34.9	10.7	2.66	102
709274	0.05	6.85	1.2	290	1.54	0.08	0.85	< 0.02	42.2	13.1	73	2.29	3.4	2.17	15.4	0.18	3.4	0.024	2.21	20.9	6.8	2.04	130
709275	0.03	6.85	1.0	280	1.52	0.06	0.69	< 0.02	43.4	8.1	58	1.86	5.0	1.76	14.7	0.15	2.9	0.018	2.71	21.9	6.8	1.69	126
709276	0.07	7.65	1.6	190	1.63	0.08	1.26	< 0.02	57.0	20.1	89	2.50	4.6	1.92	17.6	0.50	4.5	0.011	2.48	27.6	8.0	2.82	116
709277	0.08	7.90	1.4	150	1.87	0.07	1.32	< 0.02	79.2	22.1	81	2.28	2.4	1.78	19.5	0.46	4.7	0.021	2.29	38.6	8.3	3.07	99
709278	0.06	7.22	0.9	50	1.20	0.04	1.21	< 0.02	60.5	9.8	68	0.61	5.0	0.98	14.3	0.35	3.8	0.009	1.02	29.8	4.6	1.54	108
709279	0.04	6.41	1.2	60	1.50	0.05	0.38	< 0.02	40.8	13.1	63	1.12	3.8	0.81	15.7	0.18	3.2	0.006	1.19	19.8	5.6	1.57	50
709280	0.06	6.90	0.9	70	1.32	0.04	0.28	< 0.02	58.0	8.5	72	0.82	6.7	0.78	16.2	< 0.05	4.2	< 0.005	1.59	28.1	6.7	1.26	77
709281	< 0.01	7.24	2.0	90	0.92	0.05	0.19	< 0.02	29.7	7.2	65	0.44	8.3	0.91	10.6	0.07	0.2	0.015	3.38	12.5	5.0	0.71	216
709282	0.05	7.69	0.3	130	1.71	0.04	0.17	< 0.02	42.6	6.2	66	2.00	1.2	1.02	19.4	0.11	2.9	0.008	2.52	20.8	7.7	2.22	30
709283	0.02	6.99	0.6	110	1.46	0.04	0.23	< 0.02	40.4	8.5	55	1.14	3.2	1.02	17.4	0.44	3.0	0.010	2.73	19.4	11.0	2.15	39
709284	0.05	7.27	< 0.2	30	1.44	0.04	0.59	< 0.02	81.4	7.9	62	1.14	1.8	0.80	15.3	0.22	3.8	0.015	1.85	39.6	6.7	1.97	41
709285	0.04	7.10	0.3	40	1.38	0.04	0.66	< 0.02	60.7	9.4	62	0.98	4.3	0.93	15.6	0.43	4.1	< 0.005	3.19	30.0	10.6	2.18	48
709286	0.06	7.88	1.0	40	1.78	0.07	1.37	< 0.02	74.1	21.8	73	1.36	1.6	1.28	19.5	0.22	4.3	0.011	1.78	36.4	8.6	2.93	71

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
709287	0.05	7.06	< 0.2	40	1.30	0.05	1.05	< 0.02	82.8	18.6	86	0.95	3.5	0.95	15.6	0.14	4.0	0.008	1.79	40.3	7.4	2.00	93
709288	0.02	7.44	< 0.2	40	1.16	0.03	1.50	< 0.02	116	6.6	49	0.27	22.3	0.64	12.3	0.17	0.8	0.011	1.48	57.4	2.4	1.15	128
709289	0.01	7.37	< 0.2	30	1.53	0.03	0.35	< 0.02	139	10.8	85	0.73	3.8	0.75	16.0	0.12	0.3	0.007	1.20	69.7	5.5	1.36	55
709290	0.17	7.00	2.5	140	0.35	0.08	6.48	0.09	9.31	43.3	122	0.16	141	7.97	14.4	0.42	1.7	0.090	0.18	3.5	10.8	4.04	1330
709291	0.01	7.32	< 0.2	40	1.33	0.04	0.26	< 0.02	44.4	2.5	64	0.92	1.4	0.67	17.3	0.10	2.2	0.006	1.21	21.6	5.6	1.69	49
709292	0.03	7.56	0.8	30	0.92	0.03	0.51	< 0.02	20.8	3.4	53	0.23	2.4	0.42	12.5	0.26	1.6	< 0.005	1.00	9.8	3.8	0.60	72
709293	0.02	7.95	< 0.2	20	0.88	0.03	1.23	< 0.02	48.5	1.4	49	0.18	2.2	0.39	13.4	0.36	2.3	< 0.005	0.50	23.9	2.7	0.90	62
709294	0.01	6.28	0.8	20	0.70	0.04	0.98	< 0.02	20.1	1.5	49	0.19	3.9	0.35	9.69	0.30	0.4	< 0.005	0.48	9.8	1.9	0.66	72
709295	0.02	6.42	1.8	20	0.70	0.04	1.89	< 0.02	21.3	9.0	72	0.18	5.8	0.70	11.4	0.11	0.4	< 0.005	0.48	10.0	2.2	1.17	123
709296	0.03	7.75	< 0.2	30	1.51	0.04	0.40	< 0.02	97.2	16.7	90	1.17	4.3	0.85	17.3	0.34	2.6	0.006	1.36	48.0	6.7	1.94	70
709297	< 0.01	5.39	0.6	20	0.71	0.03	0.89	< 0.02	41.1	2.2	69	0.13	3.0	0.41	9.48	0.06	0.3	< 0.005	0.40	20.1	1.7	0.58	77
709298	0.02	7.11	0.7	10	0.76	0.02	1.94	< 0.02	5.60	0.6	53	0.07	1.9	0.36	12.8	0.36	2.1	< 0.005	0.36	2.3	0.7	1.00	65
709299	0.03	8.16	< 0.2	20	1.19	0.04	0.60	< 0.02	39.5	12.2	72	0.64	4.4	0.70	15.6	0.39	3.9	< 0.005	0.97	19.0	5.7	1.21	57
709300	0.02	11.9	1.0	30	0.77	0.04	0.25	< 0.02	3.34	0.1	6	0.72	0.7	0.69	22.1	0.10	0.5	< 0.005	3.78	1.4	26.1	0.05	118
709351	0.02	7.65	1.5	60	1.34	0.04	0.38	< 0.02	4.70	8.1	58	0.49	9.4	0.62	14.1	0.10	1.0	< 0.005	1.15	2.1	4.4	1.11	47
709352	0.04	6.83	1.6	50	1.26	0.04	0.68	< 0.02	4.07	6.3	85	0.21	5.1	0.48	10.5	0.08	2.7	0.014	1.10	1.8	2.8	0.83	62
709353	0.03	7.10	0.8	90	1.20	0.04	0.26	0.03	9.19	5.2	46	0.96	7.0	0.85	14.0	0.08	1.8	0.012	1.51	4.5	5.7	1.30	72
709354	0.02	7.41	1.5	50	1.34	0.03	0.38	< 0.02	5.17	7.1	59	0.65	12.6	0.76	14.1	0.12	0.6	0.016	0.93	2.7	5.5	1.17	59
709355	0.06	7.44	1.3	20	1.04	0.03	1.26	< 0.02	6.24	8.9	52	< 0.05	4.5	0.55	9.38	0.30	3.0	0.005	0.42	3.0	0.6	0.63	88
709356	0.04	6.93	1.4	50	0.98	0.05	0.75	< 0.02	6.59	7.8	46	0.15	5.9	0.56	9.02	0.20	1.9	< 0.005	0.82	3.8	1.5	0.38	85
709357	0.07	7.20	1.7	320	1.89	0.06	0.17	< 0.02	9.78	10.4	82	2.20	5.2	1.13	17.3	0.33	4.4	0.026	2.48	5.5	7.7	1.75	39
709358	0.05	6.61	1.0	190	1.63	0.04	0.20	< 0.02	12.1	11.0	74	1.88	2.8	0.93	15.1	0.31	4.2	0.014	1.83	6.6	8.0	1.78	35
709359	0.02	6.86	0.6	230	1.77	0.04	0.13	< 0.02	10.3	3.8	57	1.68	1.9	0.82	15.6	0.17	2.4	0.013	2.01	5.4	7.6	1.58	25
709360	0.03	6.68	0.5	80	1.48	0.03	0.26	< 0.02	31.2	7.7	109	1.46	3.4	0.94	16.6	0.10	2.8	0.010	1.50	15.9	8.5	1.84	30
709361	< 0.01	7.22	1.3	40	1.49	0.03	0.47	< 0.02	10.7	7.3	59	0.65	5.0	0.82	13.3	0.11	0.2	< 0.005	0.99	6.1	5.2	1.12	95
709362	0.03	6.92	1.2	40	1.35	0.04	0.37	< 0.02	5.76	5.4	68	0.63	4.0	0.64	13.1	0.11	2.5	0.012	0.93	3.9	5.3	1.04	50
709363	0.04	7.18	1.2	20	1.43	0.05	0.89	< 0.02	4.96	11.9	74	0.17	3.8	0.61	10.6	0.34	4.0	< 0.005	0.36	3.4	2.0	0.66	66
709364	0.04	7.06	1.5	250	1.63	0.05	0.15	< 0.02	6.95	9.2	65	1.87	11.0	1.30	16.5	0.40	4.1	0.011	2.36	3.4	8.8	1.92	34
709365	0.05	7.28	1.2	240	1.78	0.05	0.16	< 0.02	12.8	8.3	60	2.06	7.1	1.51	16.0	0.33	3.6	0.014	2.48	6.0	8.4	2.11	28
709366	0.03	7.59	0.7	400	2.09	0.10	0.15	< 0.02	60.0	16.0	77	2.74	3.5	1.89	18.7	0.32	4.2	0.024	3.43	28.4	10.9	2.17	26
709367	0.08	7.20	2.2	470	2.08	0.09	0.11	< 0.02	27.7	12.5	72	3.42	2.7	2.17	16.4	0.11	5.1	0.036	2.81	13.2	11.8	2.23	25
709368	0.08	7.03	1.5	480	1.95	0.09	0.22	< 0.02	103	13.7	73	2.85	2.1	2.04	14.9	0.19	5.5	0.027	3.16	48.2	10.4	2.23	34
709369	0.05	7.12	1.2	450	1.95	0.06	0.17	< 0.02	37.1	9.9	70	2.96	1.6	2.13	15.3	0.10	3.9	0.035	3.22	17.0	12.0	2.49	31
709370	0.03	6.58	1.2	360	1.57	0.04	0.14	< 0.02	14.2	5.0	70	2.33	2.4	1.67	13.4	0.12	2.3	0.030	2.49	6.5	9.1	2.02	27
709371	0.03	7.18	0.9	360	1.48	0.07	0.27	< 0.02	43.7	10.5	140	2.66	2.5	2.29	14.0	0.40	2.6	0.029	2.50	20.5	10.4	2.38	57
709372	0.02	6.60	1.3	350	1.52	0.04	0.15	< 0.02	15.0	4.5	59	2.18	2.1	1.70	13.6	0.09	2.3	0.014	2.36	6.7	8.5	1.99	51
709373	0.04	7.12	1.2	330	1.66	0.06	0.17	< 0.02	49.4	11.6	76	1.94	3.7	1.75	15.5	0.11	2.8	0.022	2.44	24.0	9.1	1.77	57
709374	0.05	7.12	1.0	280	1.70	0.06	0.37	< 0.02	48.0	16.2	74	2.69	2.0	1.82	16.1	0.17	3.6	0.029	2.05	23.8	9.7	2.25	57
709375	0.04	7.21	1.7	320	1.68	0.07	0.37	0.03	23.4	13.7	72	1.97	3.3	1.85	16.1	0.14	2.9	0.018	1.85	11.2	9.1	1.96	78
709376	0.04	7.38	0.9	360	1.60	0.06	0.17	< 0.02	9.85	8.0	53	1.69	6.6	1.68	15.0	0.09	2.4	0.017	1.72	4.6	8.3	1.59	50
709377	0.05	6.65	0.5	330	1.51	0.06	0.13	< 0.02	28.6	6.3	68	2.06	9.2	2.03	14.4	0.09	2.8	0.025	1.66	13.9	9.6	1.85	51
709378	0.04	6.76	1.5	320	1.39	0.06	0.16	< 0.02	15.6	5.8	62	1.84	4.4	1.75	14.0	0.11	2.3	0.024	1.66	7.4	9.1	1.67	47

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
709379	0.03	7.26	1.1	320	1.45	0.07	0.16	< 0.02	22.3	8.1	78	2.56	3.2	2.36	14.7	0.10	2.5	0.028	1.65	10.3	10.9	2.23	59
709380	0.18	7.39	1.0	410	1.86	0.10	0.17	< 0.02	63.8	11.7	120	3.13	3.0	2.25	18.5	0.10	4.0	0.023	1.69	30.6	12.1	2.13	39

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
709201	0.43	2.01	4.8	25.7	200	1.1	31.4	< 0.002	0.06	0.05	5.6	< 1	1.2	185	0.16	0.08	5.2	0.123	0.06	1.8	40	0.6	8.0
709202	0.26	1.75	1.8	33.9	210	0.7	45.0	< 0.002	0.02	< 0.05	6.9	< 1	0.7	142	0.06	0.07	5.3	0.139	0.10	1.7	49	0.3	8.8
709203	0.75	2.55	1.9	29.8	220	0.8	41.1	< 0.002	0.03	< 0.05	5.9	< 1	0.8	159	0.06	0.07	5.7	0.155	0.11	2.0	46	0.2	8.7
709204	0.37	2.41	1.8	41.0	220	1.0	36.6	< 0.002	< 0.01	< 0.05	5.8	< 1	0.9	153	0.09	< 0.05	6.2	0.141	0.07	2.8	42	0.2	10.6
709205	0.31	2.29	2.8	16.9	190	0.8	16.6	< 0.002	0.03	0.09	5.7	< 1	1.0	165	0.13	0.10	4.6	0.121	< 0.02	1.9	33	1.2	8.2
709206	0.15	2.84	4.2	28.9	250	1.0	14.0	< 0.002	< 0.01	0.17	6.2	< 1	1.0	69.8	0.29	0.11	6.0	0.149	< 0.02	2.0	40	3.1	10.0
709207	0.37	3.42	6.2	55.4	300	0.9	31.7	< 0.002	< 0.01	0.23	7.3	< 1	1.3	106	0.50	0.16	8.2	0.194	0.06	2.8	68	3.3	8.8
709208	0.17	2.01	2.9	36.1	210	0.6	24.6	< 0.002	< 0.01	0.06	6.2	< 1	0.6	55.5	0.16	< 0.05	5.4	0.108	0.03	1.6	38	1.4	8.8
709209	0.60	2.16	1.5	43.8	230	0.7	36.6	< 0.002	< 0.01	0.07	6.1	< 1	0.5	52.0	0.09	< 0.05	5.2	0.122	0.06	1.8	49	0.4	7.6
709210	1.27	2.68	1.2	42.5	240	0.7	45.8	< 0.002	< 0.01	< 0.05	7.2	< 1	0.6	151	0.11	< 0.05	6.2	0.145	0.12	2.3	48	0.4	9.6
709211	0.93	2.54	0.7	27.2	240	1.1	28.4	< 0.002	< 0.01	< 0.05	6.9	< 1	0.6	165	0.05	< 0.05	5.7	0.124	0.03	1.9	39	< 0.1	11.1
709212	0.12	5.84	1.6	51.1	580	1.2	7.5	< 0.002	< 0.01	0.18	13.4	< 1	1.0	46.5	0.15	< 0.05	11.8	0.244	< 0.02	2.6	92	1.1	12.3
709213	0.90	5.22	2.9	34.3	590	1.2	4.6	< 0.002	0.02	0.21	7.2	< 1	1.8	37.5	0.26	< 0.05	10.1	0.254	< 0.02	2.3	76	2.1	8.9
709214	0.71	4.16	4.7	72.6	1010	0.8	1.4	< 0.002	0.40	0.59	7.1	< 1	2.1	30.4	0.06	< 0.05	9.1	0.220	< 0.02	2.1	72	5.0	6.9
709215	4.23	5.10	5.6	20.0	670	0.9	1.3	0.004	< 0.01	0.26	6.6	< 1	1.4	34.2	0.29	< 0.05	8.2	0.242	< 0.02	2.1	57	3.6	7.2
709216	42.5	4.88	9.3	29.0	530	1.0	1.3	0.040	0.01	0.44	4.9	< 1	2.4	36.5	0.59	< 0.05	11.1	0.241	< 0.02	2.4	57	5.2	5.1
709217	0.22	5.28	0.5	37.4	450	0.8	1.9	< 0.002	< 0.01	< 0.05	10.9	< 1	0.8	45.0	< 0.05	< 0.05	10.3	0.198	< 0.02	2.3	59	0.3	8.2
709218	0.14	5.41	1.0	72.8	480	0.9	13.4	< 0.002	< 0.01	< 0.05	12.3	< 1	0.7	45.3	< 0.05	< 0.05	10.0	0.157	< 0.02	1.9	66	0.5	8.3
709219	0.09	5.52	0.6	56.1	440	0.9	7.4	< 0.002	< 0.01	0.06	11.3	< 1	0.8	47.1	0.07	0.08	11.0	0.119	< 0.02	2.3	50	0.4	8.3
709220	< 0.05	5.45	0.1	52.8	420	0.9	4.2	< 0.002	< 0.01	< 0.05	10.6	< 1	0.3	42.0	< 0.05	< 0.05	11.4	0.093	< 0.02	2.7	35	< 0.1	8.4
709221	0.07	4.69	0.2	58.0	430	0.8	5.2	< 0.002	< 0.01	0.05	10.7	< 1	0.7	48.2	< 0.05	< 0.05	10.2	0.147	< 0.02	2.2	51	0.2	8.4
709222	0.25	4.52	1.2	94.2	450	1.1	11.3	< 0.002	< 0.01	0.10	12.3	< 1	1.2	48.0	0.10	< 0.05	9.9	0.229	< 0.02	2.8	101	0.6	8.7
709223	0.91	3.65	3.9	46.5	430	1.4	1.6	< 0.002	0.02	0.35	8.0	< 1	1.4	38.3	0.24	0.08	15.1	0.155	< 0.02	1.6	61	2.9	6.6
709224	0.50	5.41	3.4	32.1	520	1.0	3.2	< 0.002	< 0.01	0.35	8.1	< 1	2.0	44.7	0.31	< 0.05	10.0	0.251	< 0.02	1.9	78	2.2	8.9
709225	0.11	5.46	0.9	37.4	440	1.0	4.5	< 0.002	< 0.01	0.10	12.2	< 1	0.9	48.5	0.09	< 0.05	10.9	0.183	< 0.02	2.3	69	0.6	10.9
709226	7.53	5.05	6.4	127	500	1.1	2.3	0.010	0.83	0.35	7.3	3	5.2	38.4	0.55	0.10	10.6	0.213	< 0.02	2.5	72	5.7	8.0
709227	2.88	1.61	2.3	56.2	270	0.8	4.7	< 0.002	0.12	0.25	20.2	< 1	0.7	20.5	0.13	0.09	2.9	0.091	< 0.02	0.7	48	1.6	21.8
709228	1.85	1.47	2.2	64.6	500	0.7	5.9	< 0.002	0.20	0.26	16.0	< 1	0.6	14.7	0.11	0.06	4.4	0.078	< 0.02	0.6	50	1.5	18.7
709229	2.10	2.28	3.1	254	410	0.9	2.7	< 0.002	2.28	0.20	5.8	5	1.6	19.0	0.31	0.50	5.0	0.085	< 0.02	1.1	32	2.8	9.4
709230	2.35	0.24	0.8	219	140	0.7	1.8	< 0.002	2.00	0.16	10.0	4	0.8	16.5	0.07	0.42	1.1	0.030	< 0.02	0.3	16	1.8	16.4
709231	1.22	1.29	3.9	187	300	0.8	9.9	< 0.002	1.62	0.29	10.9	3	1.0	22.5	0.35	0.28	4.5	0.115	< 0.02	1.1	44	4.6	18.0
709232	0.55	2.84	1.6	33.1	260	0.8	7.8	< 0.002	0.02	0.08	7.3	< 1	0.7	83.0	0.10	< 0.05	6.2	0.159	< 0.02	2.0	66	0.6	10.2
709233	0.73	3.46	2.4	51.1	320	0.8	28.1	< 0.002	0.05	< 0.05	9.5	< 1	1.0	93.2	0.14	< 0.05	7.6	0.187	< 0.02	2.5	78	0.6	9.4
709234	0.47	3.21	0.7	51.9	300	0.8	47.5	< 0.002	0.05	< 0.05	10.4	< 1	1.0	114	< 0.05	< 0.05	8.0	0.162	0.06	2.5	69	0.3	9.2
709235	0.56	3.10	3.5	32.3	260	0.8	19.7	< 0.002	0.06	0.08	7.9	< 1	1.2	121	0.20	0.08	6.7	0.154	< 0.02	2.1	57	0.8	10.7
709236	0.09	4.15	< 0.1	23.5	320	0.9	1.9	< 0.002	< 0.01	< 0.05	7.8	< 1	0.5	70.0	< 0.05	< 0.05	6.6	0.095	< 0.02	2.3	37	< 0.1	8.5
709237	0.31	3.49	1.5	27.7	270	0.8	4.8	< 0.002	0.04	0.05	7.5	< 1	1.0	98.5	0.08	0.07	7.5	0.184	< 0.02	2.4	59	0.4	8.7
709238	0.64	2.40	3.3	30.2	220	0.8	19.3	< 0.002	0.05	< 0.05	6.3	< 1	1.2	133	0.21	< 0.05	4.9	0.131	< 0.02	2.0	46	0.6	11.3
709239	0.33	2.59	1.8	39.3	270	0.7	37.4	< 0.002	0.04	< 0.05	6.8	< 1	1.0	123	0.09	< 0.05	5.2	0.153	0.03	1.8	57	0.3	10.2
709240	0.66	2.01	0.6	141	1280	5.0	17.5	< 0.002	0.77	0.72	18.0	< 1	1.1	340	< 0.05	< 0.05	3.2	0.374	0.02	0.9	79	< 0.1	19.3
709241	0.92	3.19	3.8	49.8	320	0.8	46.0	< 0.002	0.05	0.10	8.9	< 1	1.5	109	0.23	< 0.05	7.2	0.201	0.05	2.4	81	0.5	10.1
709242	0.51	2.46	3.8	35.7	230	0.6	34.6	< 0.002	0.04	0.07	8.5	< 1	1.3	134	0.27	< 0.05	5.6	0.149	0.03	1.9	48	0.4	9.2

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
709243	0.31	3.44	0.6	47.6	290	0.8	42.5	< 0.002	0.09	< 0.05	8.7	< 1	1.3	92.1	< 0.05	< 0.05	7.8	0.154	0.07	2.6	56	< 0.1	9.2
709244	0.34	2.58	2.3	38.8	240	0.7	33.7	< 0.002	0.03	0.06	9.5	< 1	1.1	113	0.16	< 0.05	5.9	0.154	0.03	1.8	56	0.4	10.7
709245	0.72	3.33	4.0	53.2	350	0.8	38.3	< 0.002	0.06	0.09	9.0	< 1	2.2	86.9	0.31	< 0.05	6.6	0.185	0.07	2.2	77	1.3	9.2
709246	0.51	3.01	1.8	47.4	280	0.6	28.0	< 0.002	0.06	0.07	7.1	< 1	1.2	91.2	0.13	< 0.05	5.8	0.152	< 0.02	2.1	68	0.5	7.6
709247	0.96	3.36	4.9	145	390	0.8	1.9	< 0.002	1.22	0.18	6.7	2	3.8	55.4	0.45	0.28	8.5	0.168	< 0.02	1.9	58	2.5	7.2
709248	4.00	5.74	8.2	81.4	500	1.4	1.8	0.005	0.55	0.39	6.6	1	2.6	39.6	0.79	0.38	13.6	0.227	< 0.02	2.7	76	3.0	8.8
709249	3.73	4.97	6.0	131	510	1.3	4.2	0.004	1.07	0.25	9.1	2	1.4	40.9	0.57	0.27	9.9	0.181	< 0.02	2.3	68	3.3	8.7
709250	0.15	6.96	0.4	0.5	10	4.2	57.4	< 0.002	< 0.01	0.14	0.2	< 1	0.7	30.6	0.07	< 0.05	0.2	< 0.005	0.80	0.1	< 1	0.2	2.6
709251	1.16	4.83	11.5	52.0	520	1.4	13.4	< 0.002	0.23	0.34	8.9	< 1	2.0	51.8	0.83	0.43	8.8	0.223	< 0.02	2.3	69	2.2	11.1
709252	1.42	4.62	6.2	67.7	510	1.2	14.1	< 0.002	0.19	0.29	11.6	1	1.7	48.4	0.34	0.43	10.0	0.257	< 0.02	3.0	92	1.1	10.5
709253	1.43	5.05	7.3	64.8	490	1.6	13.9	0.002	0.27	0.26	11.0	1	1.8	50.3	0.21	0.20	12.1	0.269	< 0.02	3.6	85	1.1	11.5
709254	1.50	5.13	3.6	78.1	480	1.1	28.2	0.002	0.16	0.33	10.3	< 1	1.1	48.5	0.13	0.22	10.5	0.253	< 0.02	3.1	110	1.4	9.8
709255	2.67	5.46	5.7	31.7	440	1.4	6.1	0.004	0.14	0.27	7.9	< 1	1.6	52.5	0.48	0.09	12.4	0.245	< 0.02	3.2	58	2.2	10.8
709256	1.33	5.44	5.8	63.7	500	1.4	24.4	< 0.002	0.16	0.36	10.5	< 1	1.5	51.7	0.42	0.10	12.6	0.251	< 0.02	3.3	95	1.7	11.4
709257	1.47	3.26	4.1	268	700	1.0	5.4	< 0.002	2.27	0.20	8.7	4	1.2	26.3	0.37	0.16	4.9	0.123	< 0.02	1.4	52	3.1	8.8
709258	1.04	5.05	3.6	95.7	480	1.3	43.9	< 0.002	0.12	0.29	11.2	< 1	1.4	50.6	0.22	0.05	11.6	0.227	< 0.02	2.7	112	0.7	11.3
709259	3.66	3.16	4.6	115	740	1.0	1.4	0.005	0.79	0.31	6.6	1	1.1	29.0	0.35	0.09	9.0	0.131	< 0.02	1.6	48	2.8	7.0
709260	4.57	4.19	5.7	136	670	2.0	2.0	0.008	1.03	0.30	7.5	2	1.3	32.8	0.44	0.15	19.2	0.165	< 0.02	1.6	51	4.7	6.9
709261	1.19	5.34	5.3	86.6	460	1.2	22.1	< 0.002	0.20	0.34	11.1	< 1	1.3	37.4	0.23	0.11	10.2	0.248	< 0.02	3.5	107	1.4	11.2
709262	1.52	4.93	5.6	58.2	460	1.3	17.4	< 0.002	0.16	0.25	13.6	< 1	1.5	43.8	0.33	0.10	13.4	0.230	< 0.02	3.9	117	1.1	13.0
709263	0.43	5.28	1.4	50.6	460	1.5	9.2	< 0.002	0.16	0.27	8.4	< 1	1.7	42.0	0.11	< 0.05	10.3	0.191	< 0.02	3.9	65	0.7	11.2
709264	0.55	5.25	1.3	75.0	460	1.2	24.5	< 0.002	0.13	0.13	11.7	< 1	1.2	41.4	0.11	< 0.05	11.8	0.180	< 0.02	3.4	92	0.5	10.6
709265	2.50	5.43	5.6	56.8	520	1.2	16.5	0.003	0.11	0.29	9.2	< 1	1.3	37.4	0.49	0.06	11.2	0.234	< 0.02	3.5	90	2.1	10.3
709266	1.43	5.50	1.6	48.0	470	1.5	13.9	< 0.002	0.09	0.13	8.5	< 1	1.0	37.9	< 0.05	< 0.05	14.9	0.245	< 0.02	3.8	85	0.8	10.9
709267	1.53	4.95	3.4	33.0	410	1.3	2.6	< 0.002	0.05	0.23	6.2	< 1	2.0	33.1	0.12	0.13	8.0	0.232	< 0.02	3.4	74	2.2	8.7
709268	2.30	4.96	6.2	58.4	480	0.9	2.3	< 0.002	0.28	0.42	7.6	< 1	1.8	30.7	0.48	0.09	7.5	0.227	< 0.02	2.0	82	4.0	6.9
709269	2.87	0.09	< 0.1	4.3	< 10	0.7	0.4	< 0.002	< 0.01	0.15	0.6	< 1	0.7	7.2	0.06	< 0.05	0.4	< 0.005	< 0.02	< 0.1	4	< 0.1	0.2
709270	1.52	5.06	3.7	46.3	750	0.9	3.0	< 0.002	0.03	0.32	10.3	< 1	4.4	24.6	0.26	0.07	7.5	0.238	< 0.02	2.1	100	2.6	9.6
709551	0.76	2.27	0.8	46.2	590	9.2	96.7	< 0.002	0.08	< 0.05	12.6	< 1	1.3	62.3	< 0.05	< 0.05	12.9	0.268	0.50	3.7	102	0.2	11.7
709552	1.49	2.15	7.5	38.7	480	23.1	65.7	< 0.002	0.12	0.15	10.0	< 1	1.6	61.8	0.42	0.17	10.6	0.290	0.32	3.4	89	1.3	9.7
709553	0.81	2.73	1.1	52.3	540	18.1	69.2	< 0.002	0.11	0.23	10.8	< 1	1.5	78.3	< 0.05	< 0.05	11.0	0.258	0.33	3.5	81	0.2	15.7
709554	0.41	2.59	0.9	51.1	540	29.6	77.7	< 0.002	0.11	0.11	10.5	< 1	1.8	74.8	0.08	0.07	11.3	0.199	0.46	3.5	73	0.3	14.0
709555	2.53	1.42	2.8	29.9	290	3.4	46.7	< 0.002	0.06	0.36	7.1	< 1	1.0	45.1	0.19	0.05	6.9	0.196	0.22	2.0	70	1.3	6.5
709556	1.42	2.87	5.2	63.8	490	3.4	56.8	< 0.002	0.25	0.12	10.4	< 1	1.6	72.6	0.14	0.07	9.7	0.290	0.30	3.5	89	0.8	13.6
709557	1.87	2.49	6.3	79.3	470	3.0	84.0	< 0.002	0.31	0.41	12.1	< 1	1.6	76.0	0.38	0.09	11.5	0.294	0.48	3.9	101	2.0	16.6
709558	1.12	2.64	2.3	60.6	510	2.6	91.4	< 0.002	0.24	0.21	11.9	< 1	2.1	79.7	< 0.05	< 0.05	11.9	0.288	0.55	4.0	90	0.4	17.3
709559	1.60	2.41	5.1	68.3	490	2.5	93.2	< 0.002	0.30	0.21	11.9	1	1.9	76.7	0.08	0.12	11.8	0.296	0.57	4.0	96	0.8	17.0
709560	1.90	2.44	9.2	77.9	530	2.7	90.6	0.002	0.38	0.26	11.7	1	2.0	77.4	0.49	0.08	11.3	0.316	0.54	3.9	99	2.1	17.0
709561	1.73	2.24	8.8	86.8	480	3.2	90.9	0.002	0.53	0.41	11.3	1	2.1	73.1	0.61	0.21	11.6	0.302	0.64	3.9	101	2.3	18.2
709562	1.40	2.42	11.2	70.1	540	8.2	79.3	0.003	0.32	0.46	12.6	< 1	2.3	83.0	0.80	0.19	13.4	0.336	0.56	4.3	106	2.6	19.0
709563	2.09	2.24	6.0	164	430	10.9	47.2	< 0.002	0.45	0.83	9.7	5	1.5	73.4	0.50	0.54	7.3	0.244	0.29	3.2	78	1.3	10.8
709564	1.67	2.38	4.0	43.8	420	6.6	68.7	< 0.002	0.20	0.22	9.2	< 1	1.6	85.9	0.13	0.09	9.9	0.254	0.39	3.9	72	1.0	12.4

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
709565	1.82	2.08	7.7	56.7	390	12.7	90.5	0.002	0.38	0.40	10.8	1	1.8	76.3	0.62	0.14	13.3	0.274	0.55	4.5	86	2.4	10.5
709566	1.82	2.16	6.0	52.0	380	14.6	89.5	0.002	0.33	0.38	9.8	1	1.8	79.3	0.25	0.13	13.7	0.265	0.57	4.9	81	1.4	9.9
709567	1.81	1.90	3.3	45.2	360	5.5	74.2	< 0.002	0.23	0.16	9.5	< 1	1.7	66.6	0.06	0.17	12.9	0.246	0.42	3.7	78	0.7	11.0
709568	1.11	2.22	1.5	64.6	450	6.4	80.1	< 0.002	0.25	0.29	11.5	1	1.9	76.2	< 0.05	0.06	12.4	0.249	0.50	3.8	82	0.3	12.3
709569	2.41	2.49	8.2	62.5	470	6.4	87.5	0.004	0.45	0.36	12.2	2	2.1	81.6	0.55	0.15	12.0	0.316	0.49	4.1	104	2.7	13.7
709570	2.18	2.30	4.9	68.8	410	10.1	59.8	< 0.002	0.33	0.44	12.6	< 1	1.5	74.3	0.31	0.16	10.1	0.282	0.34	3.5	101	2.2	12.7
709571	1.55	2.50	6.0	60.0	480	9.9	52.0	< 0.002	0.22	0.33	11.3	< 1	1.8	86.8	0.31	< 0.05	8.7	0.302	0.31	2.7	94	2.0	10.9
709572	1.31	2.53	2.2	48.5	430	6.0	44.5	< 0.002	0.11	0.06	9.8	< 1	1.2	78.4	< 0.05	< 0.05	7.4	0.242	0.22	2.4	77	0.5	12.8
709573	2.08	1.39	2.6	74.1	480	3.7	38.2	< 0.002	0.19	0.37	11.0	1	1.7	53.5	0.10	0.08	6.1	0.217	0.15	1.5	73	0.8	11.1
709574	0.51	1.79	0.5	33.4	420	5.0	82.1	< 0.002	0.13	0.07	10.5	< 1	1.8	77.3	< 0.05	< 0.05	12.0	0.160	0.49	4.1	64	0.2	8.0
709575	1.22	2.96	3.9	65.5	550	6.6	39.4	< 0.002	0.26	0.29	9.3	< 1	0.9	99.3	0.22	0.07	7.4	0.268	0.18	2.8	73	0.9	11.8
709576	1.15	3.25	2.6	47.2	560	7.9	47.4	< 0.002	0.13	0.24	9.3	< 1	0.7	108	< 0.05	0.11	7.6	0.284	0.23	2.8	83	0.7	11.6
709577	1.40	3.43	2.7	51.3	560	6.2	37.8	< 0.002	0.13	0.20	9.4	< 1	0.7	121	0.09	0.13	7.8	0.284	0.17	3.1	70	1.0	14.2
709578	1.17	2.45	4.2	53.0	650	12.4	105	0.004	0.29	0.37	15.2	1	2.0	91.3	0.06	0.14	13.0	0.348	0.74	4.4	108	1.1	14.1
709579	1.75	2.35	6.3	66.5	500	8.3	69.4	< 0.002	0.29	0.31	11.3	< 1	1.6	90.9	0.33	0.08	7.9	0.273	0.43	3.0	86	1.8	14.6
709580	1.85	2.10	8.2	75.9	490	6.7	85.9	0.002	0.49	0.41	11.8	1	1.9	88.1	0.69	0.14	10.2	0.304	0.53	3.7	100	2.7	15.2
709581	1.93	2.16	5.1	62.0	460	4.7	78.4	0.003	0.27	0.29	10.9	1	1.6	91.7	0.12	0.05	9.0	0.276	0.47	3.3	89	1.5	14.1
709582	1.77	2.10	7.1	65.0	500	5.4	83.9	< 0.002	0.20	0.25	11.8	< 1	2.1	86.7	0.33	0.10	12.2	0.303	0.67	4.4	95	1.8	13.2
709583	2.28	2.34	7.0	62.3	550	13.8	89.9	0.003	0.43	0.61	13.2	1	1.8	81.6	0.59	0.22	11.4	0.350	0.72	3.9	131	3.0	14.3
709584	1.57	2.47	9.3	86.2	610	2.5	73.6	0.004	0.55	0.35	14.2	1	2.1	100	0.73	0.13	11.7	0.335	0.42	3.9	111	3.1	18.0
709585	1.35	2.90	6.7	74.6	660	2.7	52.6	0.003	0.41	0.35	13.5	1	1.6	109	0.46	0.08	10.4	0.327	0.27	3.5	101	1.9	17.8
709586	1.88	1.42	7.1	77.3	590	6.8	140	0.003	0.41	0.75	18.5	2	3.1	75.1	0.18	0.10	15.9	0.395	0.93	5.5	149	2.4	21.3
709587	1.64	2.40	8.5	72.7	650	3.4	64.2	< 0.002	0.45	0.35	12.9	2	1.6	90.6	0.76	0.20	10.4	0.307	0.37	3.3	87	2.8	14.2
709588	1.54	2.38	9.0	83.1	650	3.1	69.4	0.003	0.50	0.42	11.6	1	1.6	88.0	0.78	0.32	10.7	0.313	0.40	3.4	89	2.9	13.9
709589	1.94	1.69	10.2	87.5	620	5.7	109	0.004	0.63	0.66	15.6	1	2.5	68.6	0.83	0.13	13.6	0.377	0.82	4.8	133	4.7	20.8
709590	3.15	1.35	1.4	106	1860	9.0	17.2	0.002	2.88	6.19	16.8	3	1.2	224	< 0.05	0.20	3.3	0.480	0.10	1.3	167	3.0	19.8
709591	2.37	1.48	12.0	99.2	590	5.9	139	0.006	0.67	0.47	16.7	2	3.2	69.7	1.04	0.25	15.8	0.410	0.96	5.4	147	5.4	25.0
709592	1.92	1.62	11.2	108	600	5.1	121	0.004	0.77	0.61	15.9	2	2.8	73.0	0.93	0.19	14.5	0.378	0.91	4.9	138	4.9	21.1
709593	2.00	1.68	10.6	96.0	610	4.0	124	0.004	0.67	0.44	15.5	2	2.7	71.0	0.89	0.15	14.1	0.393	0.89	4.8	143	4.4	21.4
709594	2.11	1.65	6.1	71.4	570	8.1	129	0.003	0.39	0.45	15.7	1	2.0	70.7	0.31	0.17	14.7	0.378	0.90	5.1	144	3.7	19.8
709595	1.81	2.18	8.3	63.1	650	10.0	101	0.002	0.40	0.61	14.2	1	2.1	87.0	0.46	0.22	11.4	0.364	0.65	3.9	123	3.1	10.9
709596	1.11	2.99	0.6	39.7	570	4.8	38.1	< 0.002	0.10	0.23	8.8	1	0.9	113	< 0.05	0.08	9.2	0.218	0.19	3.5	53	0.2	15.7
709597	1.68	2.83	3.8	59.1	570	5.4	39.3	< 0.002	0.25	0.25	8.1	< 1	0.9	96.7	0.14	0.12	7.6	0.263	0.20	3.0	72	1.4	12.1
709598	1.70	2.71	5.8	66.6	660	8.9	49.4	< 0.002	0.41	0.52	10.5	1	1.3	96.3	0.42	0.09	9.0	0.282	0.25	3.2	81	1.9	13.1
709599	2.53	1.76	9.2	90.2	630	10.2	122	0.003	0.49	0.59	15.8	1	2.3	73.7	0.65	0.15	13.4	0.386	0.99	4.5	139	4.0	14.8
709600	0.54	7.43	0.4	0.7	< 10	4.2	56.0	< 0.002	< 0.01	0.17	< 0.1	< 1	0.7	13.3	0.06	0.06	0.2	< 0.005	0.85	< 0.1	< 1	< 0.1	1.5
709301	1.59	1.55	10.3	68.6	580	7.4	128	0.003	0.47	0.64	13.3	1	2.5	66.8	0.91	0.17	13.4	0.368	0.95	4.7	136	4.3	18.5
709302	1.27	2.04	3.4	61.7	570	5.1	117	0.002	0.29	0.41	14.1	< 1	2.2	90.1	0.06	0.06	12.6	0.304	0.86	4.7	101	0.8	22.7
709303	1.55	2.37	4.6	62.8	600	5.1	46.9	< 0.002	0.31	0.27	8.6	< 1	0.8	94.0	0.32	0.12	7.6	0.255	0.25	3.1	73	2.4	10.6
709304	1.57	2.37	5.7	75.8	590	8.5	59.5	< 0.002	0.41	0.39	9.7	< 1	1.2	103	0.43	0.10	8.3	0.263	0.43	2.9	80	1.9	11.9
709305	2.43	1.78	8.0	77.4	530	10.9	101	0.004	0.40	0.58	14.6	2	2.1	75.4	0.58	0.15	12.5	0.336	0.91	4.2	130	3.5	14.3
709306	1.65	1.97	4.2	76.1	480	5.7	94.6	0.002	0.30	0.33	12.6	1	1.1	81.5	0.24	0.19	13.2	0.284	0.80	4.7	104	2.2	16.8

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
709307	2.09	1.96	4.6	70.1	620	10.9	128	0.004	0.38	0.52	17.8	2	2.6	81.5	0.07	0.18	15.5	0.381	0.89	5.2	139	1.5	17.1
709308	1.52	2.03	9.2	69.0	560	7.3	101	< 0.002	0.36	0.40	13.2	< 1	1.9	79.2	0.57	0.09	12.5	0.335	0.79	4.6	104	3.3	13.4
709309	1.54	2.17	6.4	69.5	570	6.4	102	0.002	0.32	0.26	12.8	1	1.9	79.0	0.17	0.06	12.5	0.324	0.74	4.4	102	1.5	13.3
709310	1.45	2.17	4.3	65.8	540	7.0	101	< 0.002	0.32	0.24	12.5	1	1.7	78.6	0.10	0.06	12.4	0.301	0.78	4.3	92	0.9	13.0
709311	1.34	2.54	7.1	57.3	510	4.2	54.0	< 0.002	0.31	0.30	8.8	< 1	1.2	93.6	0.60	0.24	9.0	0.263	0.34	3.6	70	1.7	12.7
709312	1.55	2.40	5.1	80.5	460	10.0	63.2	< 0.002	0.27	0.43	13.5	1	1.2	111	0.40	0.32	9.7	0.298	0.54	3.4	109	1.9	11.9
709313	1.77	2.42	4.0	62.0	490	8.3	53.3	< 0.002	0.16	0.13	13.2	< 1	1.8	118	0.08	< 0.05	9.4	0.306	0.43	3.3	100	0.9	9.4
709314	2.13	2.24	7.7	84.9	470	6.9	66.8	< 0.002	0.40	0.49	12.2	1	1.8	106	0.61	0.20	10.4	0.299	0.49	3.7	103	2.6	13.6
709315	2.31	2.29	8.5	78.7	440	5.4	65.8	0.002	0.49	0.34	11.9	1	1.9	119	0.69	0.15	11.4	0.296	0.42	4.3	97	2.4	16.2
709316	2.03	2.32	7.8	94.6	480	7.2	69.6	0.002	0.42	0.43	13.3	1	1.7	125	0.58	0.25	10.2	0.299	0.51	3.5	105	2.2	13.1
709317	1.77	2.60	7.8	104	580	8.5	71.4	< 0.002	0.29	0.52	14.7	1	1.8	131	0.53	0.30	10.2	0.330	0.58	3.4	111	1.6	16.1
709318	1.11	2.50	1.6	108	530	9.0	64.2	< 0.002	0.26	0.32	14.4	1	1.7	123	< 0.05	0.10	10.1	0.297	0.49	3.3	104	0.3	14.1
709319	1.00	2.48	1.5	78.3	500	5.6	61.8	< 0.002	0.13	0.09	13.3	< 1	1.7	118	0.09	0.06	9.7	0.272	0.46	3.2	99	0.5	12.0
709320	1.64	2.12	6.5	58.6	440	7.6	67.9	< 0.002	0.26	0.37	12.7	< 1	1.6	130	0.30	0.09	11.8	0.299	0.53	4.0	103	1.9	13.8
709321	1.69	2.30	6.6	55.2	430	5.4	53.6	< 0.002	0.30	0.38	11.1	1	1.6	112	0.36	0.17	10.0	0.289	0.44	3.6	98	1.6	11.4
709322	1.49	2.24	6.3	58.5	420	6.1	64.0	< 0.002	0.23	0.39	11.6	< 1	1.4	127	0.35	0.20	11.2	0.291	0.49	4.0	96	1.7	11.8
709323	1.99	2.30	8.2	72.5	430	6.3	71.8	0.003	0.40	0.48	11.7	1	1.8	131	0.71	0.16	11.4	0.297	0.56	4.0	99	2.2	12.6
709324	1.72	2.29	7.6	53.0	430	6.3	81.9	< 0.002	0.31	0.47	10.5	1	1.7	143	0.51	0.10	11.1	0.300	0.69	4.1	94	2.3	12.6
709325	1.39	2.39	2.8	43.9	370	5.6	78.0	0.002	0.25	0.37	11.8	< 1	1.8	140	0.05	0.06	11.4	0.260	0.55	4.3	78	0.7	12.0
709326	1.94	2.10	8.4	64.8	420	10.3	85.8	< 0.002	0.41	0.64	11.2	< 1	1.7	155	0.65	0.15	11.6	0.301	0.65	4.1	103	2.2	14.4
709327	1.75	2.46	5.5	82.0	460	5.2	66.1	< 0.002	0.40	0.30	10.9	< 1	1.4	144	0.24	0.08	9.2	0.292	0.50	3.3	104	1.4	13.7
709328	1.51	2.28	6.9	62.8	440	6.5	52.2	< 0.002	0.24	0.30	11.1	1	1.5	138	0.42	0.13	10.9	0.280	0.34	3.5	97	2.3	12.1
709329	1.65	2.45	4.8	66.0	490	6.9	59.3	< 0.002	0.22	0.17	11.2	< 1	1.3	155	0.17	0.08	10.2	0.284	0.39	3.4	95	1.6	12.9
709330	1.50	2.51	5.3	79.5	500	7.9	58.8	< 0.002	0.39	0.57	11.7	1	1.5	146	0.15	0.14	9.3	0.313	0.37	3.3	102	2.0	15.1
709331	0.71	2.11	0.6	35.1	380	4.4	78.8	< 0.002	0.11	0.10	10.0	< 1	1.8	94.7	< 0.05	0.06	11.0	0.197	0.46	3.4	62	0.2	8.9
709332	1.16	2.12	2.8	36.3	470	7.2	75.0	< 0.002	0.13	0.14	10.3	< 1	1.8	74.9	0.16	< 0.05	11.1	0.270	0.49	3.6	84	0.9	8.8
709271	1.45	1.25	9.5	38.3	460	1.8	81.2	< 0.002	0.21	0.31	9.0	< 1	2.1	15.0	0.59	0.12	13.5	0.239	0.27	4.8	65	2.4	12.0
709272	1.41	1.17	6.4	41.2	500	1.5	80.3	< 0.002	0.22	0.28	10.5	< 1	2.3	17.4	0.35	< 0.05	10.7	0.260	0.20	3.6	83	2.4	11.0
709273	1.41	1.20	7.3	58.2	470	1.7	110	< 0.002	0.23	0.24	12.7	< 1	2.4	14.5	0.21	< 0.05	14.4	0.303	0.36	4.9	100	2.2	13.0
709274	1.18	2.11	4.6	37.0	450	1.3	84.3	< 0.002	0.16	0.16	8.5	< 1	2.0	22.1	0.19	0.09	8.3	0.208	0.25	2.8	64	1.5	7.7
709275	1.11	2.17	2.5	28.1	350	1.2	79.2	< 0.002	0.06	0.11	6.6	< 1	1.9	24.0	0.22	< 0.05	7.1	0.170	0.16	2.3	51	1.3	7.0
709276	0.94	3.12	5.2	56.6	530	1.6	90.7	< 0.002	0.21	0.22	11.7	< 1	2.2	24.6	0.21	0.07	13.0	0.282	0.20	4.0	93	0.9	11.1
709277	1.39	3.52	7.2	60.9	530	1.8	92.0	< 0.002	0.22	0.18	13.1	1	2.3	23.8	0.27	0.05	14.4	0.294	0.18	4.9	99	0.9	12.9
709278	2.27	4.50	4.3	25.8	430	1.5	30.5	< 0.002	0.06	0.22	6.5	< 1	1.5	27.0	0.18	0.06	9.4	0.190	< 0.02	2.6	52	1.1	8.8
709279	1.14	4.14	2.8	36.4	430	1.5	43.5	< 0.002	0.07	0.16	6.2	< 1	0.9	24.4	0.05	< 0.05	8.8	0.180	0.06	2.8	52	0.8	8.4
709280	0.88	3.81	6.4	36.8	410	1.3	36.9	< 0.002	0.04	0.20	6.7	< 1	2.4	22.2	0.43	< 0.05	8.6	0.201	< 0.02	2.2	70	1.4	8.5
709281	0.88	2.23	0.9	18.8	390	1.2	27.8	< 0.002	0.01	0.15	5.5	< 1	0.4	20.7	< 0.05	< 0.05	5.8	0.151	< 0.02	1.5	52	1.1	6.5
709282	0.43	3.41	0.7	50.9	370	1.0	80.0	< 0.002	0.02	< 0.05	7.6	< 1	1.7	18.5	< 0.05	< 0.05	6.5	0.188	0.11	2.1	76	0.2	6.7
709283	0.47	2.99	1.5	52.1	420	1.4	56.3	< 0.002	0.03	0.17	8.1	< 1	1.7	28.6	0.10	< 0.05	6.6	0.164	0.07	1.9	73	0.3	6.7
709284	0.73	4.22	4.4	43.1	410	1.3	48.2	< 0.002	0.05	0.16	7.7	< 1	1.0	24.0	0.27	< 0.05	9.2	0.196	0.03	1.9	90	1.5	7.5
709285	0.47	3.09	2.5	52.6	470	1.2	53.6	< 0.002	0.03	0.14	7.8	< 1	1.1	19.7	0.08	< 0.05	7.8	0.199	< 0.02	1.8	67	0.5	8.7
709286	1.48	4.61	4.0	64.7	420	1.8	61.6	< 0.002	0.20	0.14	12.0	< 1	0.7	27.1	0.15	0.09	12.0	0.269	0.10	3.4	98	1.1	12.8

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
709287	0.91	3.68	3.1	48.2	440	1.9	38.7	< 0.002	0.11	0.15	9.2	< 1	0.5	24.2	0.07	0.10	11.4	0.260	0.03	2.5	90	1.3	11.4
709288	1.23	4.68	2.0	15.3	510	1.6	19.3	< 0.002	0.05	0.13	4.8	< 1	0.4	32.4	0.18	0.06	12.4	0.218	< 0.02	1.8	37	1.6	10.1
709289	0.88	4.51	0.6	42.4	460	1.9	36.7	< 0.002	0.03	< 0.05	7.0	< 1	0.3	28.5	0.07	< 0.05	15.0	0.223	< 0.02	2.5	82	0.4	11.7
709290	0.59	2.10	2.3	92.1	380	3.0	3.0	< 0.002	0.15	0.12	39.4	< 1	0.4	101	0.12	< 0.05	0.4	0.541	< 0.02	0.1	286	0.4	19.1
709291	0.74	4.25	0.3	48.4	290	1.0	44.7	< 0.002	< 0.01	< 0.05	7.6	< 1	0.7	21.1	< 0.05	< 0.05	5.5	0.137	0.03	1.4	74	< 0.1	7.2
709292	1.17	5.24	2.1	17.1	490	1.0	13.6	< 0.002	0.01	0.18	3.7	< 1	0.6	21.0	0.13	< 0.05	4.2	0.118	< 0.02	0.9	52	0.8	4.6
709293	1.34	5.72	2.1	15.8	450	0.9	11.1	< 0.002	< 0.01	0.08	2.9	< 1	0.6	24.3	0.12	< 0.05	5.7	0.124	< 0.02	1.0	48	0.7	6.3
709294	2.97	4.42	1.7	11.9	440	0.9	9.4	< 0.002	< 0.01	0.08	2.8	< 1	0.5	22.6	< 0.05	0.06	2.8	0.090	< 0.02	0.6	37	0.8	4.3
709295	1.84	4.33	1.3	14.5	490	1.0	8.5	< 0.002	0.08	0.22	4.7	< 1	0.7	26.1	0.09	< 0.05	3.8	0.162	< 0.02	1.1	36	2.0	7.7
709296	1.94	4.68	2.3	64.7	470	1.6	54.1	< 0.002	0.09	0.15	11.4	1	0.8	24.8	< 0.05	< 0.05	11.6	0.224	0.05	2.2	138	0.9	9.7
709297	2.39	3.65	1.2	8.9	380	1.0	8.3	< 0.002	< 0.01	0.15	3.0	< 1	0.3	20.5	0.07	< 0.05	5.1	0.110	< 0.02	0.9	56	0.9	5.3
709298	1.13	5.14	0.8	5.8	470	0.7	3.6	< 0.002	< 0.01	< 0.05	3.7	< 1	0.2	25.2	< 0.05	< 0.05	2.6	0.086	< 0.02	1.3	20	1.0	6.8
709299	0.48	5.70	0.3	40.0	460	1.5	32.0	< 0.002	0.04	0.09	6.2	< 1	0.6	26.2	< 0.05	< 0.05	7.7	0.146	< 0.02	2.2	83	0.2	8.8
709300	0.15	7.09	0.5	0.6	10	5.0	57.7	< 0.002	< 0.01	0.14	0.1	< 1	0.7	27.8	0.06	< 0.05	0.3	< 0.005	0.88	0.2	1	0.1	2.9
709351	1.08	4.77	1.3	28.2	430	0.9	28.5	< 0.002	0.02	0.06	5.9	< 1	1.4	37.0	0.05	< 0.05	6.7	0.173	< 0.02	1.6	51	0.5	6.3
709352	1.06	4.91	3.4	15.4	420	0.9	17.2	< 0.002	0.02	0.17	3.0	< 1	0.8	41.6	0.32	< 0.05	3.5	0.134	< 0.02	1.2	29	1.6	4.7
709353	1.53	3.85	3.2	29.5	450	1.0	40.0	< 0.002	0.01	0.15	5.2	< 1	1.5	35.1	0.12	0.05	3.5	0.131	0.04	1.0	36	0.9	5.3
709354	1.64	4.40	1.2	32.2	430	1.1	30.0	< 0.002	0.01	0.06	5.3	< 1	1.6	43.4	< 0.05	< 0.05	5.8	0.155	0.02	1.5	52	0.6	5.8
709355	1.78	5.45	4.7	4.4	470	1.1	4.3	< 0.002	0.05	0.17	2.4	< 1	0.7	41.7	0.17	< 0.05	4.6	0.120	< 0.02	1.3	12	1.9	5.3
709356	1.48	4.92	3.8	5.6	680	1.0	11.3	< 0.002	0.03	0.18	2.1	< 1	0.7	44.9	0.19	< 0.05	3.1	0.111	< 0.02	1.1	14	2.0	5.3
709357	1.50	2.64	6.8	30.1	440	1.4	89.0	< 0.002	0.08	0.25	8.4	< 1	2.4	23.3	0.56	< 0.05	9.7	0.202	0.17	3.5	60	1.2	10.3
709358	0.98	3.17	4.4	34.9	490	1.1	62.5	< 0.002	0.05	0.15	6.2	< 1	1.4	21.0	0.27	< 0.05	8.2	0.171	0.10	2.4	50	0.7	8.1
709359	1.19	2.89	1.3	28.9	330	0.9	67.9	< 0.002	< 0.01	< 0.05	5.9	< 1	1.4	23.4	< 0.05	0.07	5.4	0.133	0.11	1.7	41	0.2	6.8
709360	0.96	3.82	1.2	49.4	580	1.1	50.8	< 0.002	0.02	0.10	7.6	< 1	0.2	32.8	< 0.05	< 0.05	7.7	0.213	0.09	1.6	66	0.5	7.3
709361	1.57	4.60	1.3	32.4	540	0.9	31.5	< 0.002	0.03	0.11	5.9	< 1	0.4	43.4	< 0.05	< 0.05	6.3	0.150	0.02	1.3	49	0.9	6.4
709362	1.25	4.44	2.4	29.5	360	0.9	28.8	< 0.002	0.02	0.11	5.4	< 1	1.0	42.5	0.18	< 0.05	5.2	0.124	< 0.02	1.2	61	0.8	5.3
709363	1.89	5.37	1.9	12.8	490	0.9	8.5	< 0.002	0.09	0.23	3.0	< 1	0.5	47.5	< 0.05	< 0.05	8.2	0.145	< 0.02	2.2	26	0.7	5.9
709364	1.03	2.65	2.8	33.6	400	1.5	85.3	< 0.002	0.04	0.09	6.8	< 1	1.8	25.0	0.12	< 0.05	8.8	0.199	0.17	3.1	57	0.4	9.2
709365	1.02	2.75	3.1	34.8	450	1.2	91.3	< 0.002	0.04	0.11	7.5	< 1	1.5	26.3	0.19	0.07	8.4	0.204	0.18	2.8	63	0.5	8.2
709366	0.65	1.85	1.0	32.3	440	1.7	121	< 0.002	0.13	0.16	10.8	< 1	2.2	20.0	0.07	< 0.05	11.6	0.202	0.26	4.1	69	0.2	10.7
709367	1.44	0.06	8.8	31.9	450	1.9	122	< 0.002	0.12	0.45	7.8	< 1	2.5	5.9	0.78	0.05	11.7	0.230	0.40	4.6	63	2.1	11.4
709368	1.30	0.35	7.4	28.0	470	2.0	112	< 0.002	0.16	0.26	7.3	< 1	1.9	7.8	0.56	< 0.05	12.1	0.235	0.32	4.6	59	1.8	12.6
709369	1.22	0.52	5.1	32.1	500	1.3	117	< 0.002	0.12	0.30	7.2	< 1	1.7	9.8	0.42	< 0.05	8.0	0.214	0.34	2.8	57	1.7	8.4
709370	1.27	1.37	2.9	26.5	460	0.9	89.3	< 0.002	0.04	0.18	6.4	< 1	1.4	17.3	0.13	< 0.05	4.8	0.177	0.24	1.4	53	1.1	4.7
709371	0.87	1.68	1.7	31.0	780	2.2	90.1	< 0.002	0.18	0.20	10.1	< 1	0.3	21.1	< 0.05	< 0.05	12.6	0.329	0.25	3.4	87	1.2	7.9
709372	0.76	1.72	3.2	25.8	430	0.7	81.0	< 0.002	0.04	0.16	5.6	< 1	1.2	19.8	0.19	0.06	4.5	0.157	0.20	1.4	44	1.2	4.6
709373	1.34	2.18	3.5	28.3	390	1.2	78.7	< 0.002	0.07	0.09	7.7	< 1	1.6	24.6	0.15	< 0.05	7.2	0.211	0.19	2.4	68	0.7	8.1
709374	1.45	2.25	5.2	39.8	420	1.2	87.1	< 0.002	0.14	0.26	8.4	< 1	1.6	25.0	0.34	0.08	8.1	0.209	0.26	2.7	67	1.1	8.6
709375	1.39	2.10	4.7	30.4	370	1.2	70.9	< 0.002	0.08	0.19	7.0	< 1	1.7	26.3	0.20	< 0.05	6.7	0.186	0.20	2.4	59	1.2	8.2
709376	1.83	2.06	4.0	23.6	370	0.8	63.6	< 0.002	0.06	0.26	5.1	< 1	1.3	30.0	0.30	< 0.05	5.1	0.146	0.16	1.8	42	1.2	5.8
709377	1.11	1.80	4.5	27.4	390	1.2	69.8	< 0.002	0.04	0.28	5.6	< 1	1.4	26.4	0.25	< 0.05	5.6	0.160	0.19	2.2	45	1.0	6.4
709378	1.21	1.98	4.2	25.3	370	0.9	63.8	< 0.002	0.04	0.23	6.2	< 1	1.2	28.6	0.28	< 0.05	4.9	0.157	0.17	2.0	45	1.1	6.2

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
709379	1.33	2.18	4.2	31.8	480	0.8	71.2	< 0.002	0.07	0.18	6.1	< 1	1.0	30.7	0.33	< 0.05	5.5	0.179	0.25	1.9	53	1.0	6.4
709380	1.36	1.69	5.5	32.5	550	1.5	85.9	< 0.002	0.08	0.24	10.8	< 1	1.6	27.5	0.17	< 0.05	9.3	0.265	0.32	3.4	84	1.1	10.2

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
709201	0.9	< 2	45.2
709202	0.9	4	18.4
709203	0.9	< 2	15.4
709204	1.0	< 2	48.7
709205	1.0	< 2	45.5
709206	1.0	< 2	73.8
709207	1.0	< 2	89.9
709208	0.9	< 2	65.4
709209	0.8	< 2	67.7
709210	1.1	< 2	70.3
709211	1.1	< 2	61.9
709212	1.5	< 2	115
709213	1.0	< 2	124
709214	0.7	< 2	19.3
709215	0.9	< 2	105
709216	0.8	< 2	122
709217	1.1	< 2	102
709218	1.0	< 2	100
709219	1.1	< 2	94.4
709220	1.1	< 2	85.9
709221	1.0	< 2	90.3
709222	1.0	< 2	115
709223	0.6	4	75.8
709224	1.0	< 2	113
709225	1.4	< 2	99.6
709226	1.0	< 2	110
709227	2.8	< 2	40.3
709228	2.2	< 2	27.6
709229	1.0	4	69.5
709230	1.9	< 2	15.3
709231	2.1	< 2	63.3
709232	1.0	< 2	43.9
709233	1.1	< 2	77.1
709234	1.1	< 2	68.3
709235	1.2	< 2	69.7
709236	0.9	< 2	43.1
709237	1.1	< 2	86.2
709238	1.3	< 2	65.5
709239	1.1	< 2	42.3
709240	1.7	105	55.7
709241	1.1	< 2	75.7
709242	1.1	< 2	60.1

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
709243	1.0	< 2	68.6
709244	1.3	< 2	62.1
709245	1.0	< 2	81.6
709246	0.9	< 2	65.2
709247	0.9	< 2	76.0
709248	1.2	< 2	142
709249	1.1	< 2	121
709250	0.5	26	20.4
709251	1.3	< 2	124
709252	1.2	< 2	123
709253	1.4	< 2	125
709254	1.2	< 2	123
709255	1.4	< 2	117
709256	1.4	< 2	123
709257	0.9	2	82.6
709258	1.3	< 2	118
709259	0.7	6	65.0
709260	0.7	5	97.2
709261	1.5	2	140
709262	1.6	< 2	136
709263	1.3	3	121
709264	1.3	17	105
709265	1.3	10	123
709266	1.4	6	142
709267	1.1	4	123
709268	0.9	< 2	119
709269	< 0.1	< 2	0.7
709270	1.1	5	54.1
709551	2.0	25	162
709552	1.6	28	151
709553	2.0	33	153
709554	2.0	48	139
709555	1.0	24	20.8
709556	1.8	29	140
709557	2.1	31	153
709558	2.2	30	151
709559	2.1	35	153
709560	2.1	33	159
709561	2.0	33	162
709562	2.4	35	184
709563	1.3	17	124
709564	1.5	25	151

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
709565	1.5	29	148
709566	1.4	35	154
709567	1.2	95	137
709568	1.6	26	128
709569	1.8	25	143
709570	1.6	119	127
709571	1.4	376	129
709572	1.4	152	109
709573	1.4	94	87.8
709574	1.4	25	104
709575	1.2	266	140
709576	1.3	31	137
709577	1.5	33	115
709578	2.1	43	167
709579	1.6	100	119
709580	1.8	35	134
709581	1.6	45	116
709582	1.7	37	159
709583	1.9	41	133
709584	2.1	48	144
709585	2.0	46	125
709586	2.4	44	151
709587	1.8	47	132
709588	1.8	54	137
709589	2.3	51	147
709590	1.8	111	65.4
709591	2.7	47	165
709592	2.3	49	154
709593	2.4	50	146
709594	2.4	50	146
709595	1.8	47	141
709596	1.7	17	157
709597	1.2	24	124
709598	1.5	62	134
709599	2.0	48	147
709600	0.3	26	20.2
709301	2.2	47	140
709302	2.4	50	139
709303	1.2	71	139
709304	1.4	73	123
709305	2.0	54	135
709306	2.1	57	155

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
709307	2.3	49	158
709308	2.0	54	170
709309	1.9	49	159
709310	1.8	48	151
709311	1.5	52	141
709312	1.6	58	119
709313	1.4	61	120
709314	1.7	59	119
709315	1.8	55	132
709316	1.7	88	120
709317	1.9	68	123
709318	1.8	76	105
709319	1.6	51	111
709320	1.7	48	128
709321	1.6	43	123
709322	1.5	40	123
709323	1.7	43	136
709324	1.7	34	136
709325	1.6	41	123
709326	1.8	62	134
709327	1.5	72	110
709328	1.6	46	124
709329	1.5	45	119
709330	1.7	98	116
709331	1.4	68	114
709332	1.4	150	140
709271	1.6	< 2	198
709272	1.4	< 2	142
709273	1.7	< 2	154
709274	1.0	< 2	112
709275	0.9	< 2	90.7
709276	1.4	< 2	142
709277	1.7	2	146
709278	1.1	< 2	125
709279	1.1	< 2	129
709280	1.0	< 2	131
709281	0.7	< 2	17.9
709282	0.9	< 2	90.9
709283	0.9	3	93.0
709284	0.9	< 2	120
709285	1.0	4	131
709286	1.6	< 2	144

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
709287	1.3	< 2	137
709288	1.1	< 2	62.9
709289	1.3	< 2	45.1
709290	2.2	76	49.0
709291	0.8	< 2	73.9
709292	0.6	2	57.2
709293	0.8	< 2	68.0
709294	0.4	< 2	12.7
709295	0.9	< 2	39.7
709296	1.1	< 2	109
709297	0.6	< 2	10.1
709298	0.8	< 2	74.5
709299	1.1	< 2	121
709300	0.5	25	20.9
709351	0.8	< 2	52.7
709352	0.6	2	86.8
709353	0.6	2	64.4
709354	0.7	2	41.1
709355	0.7	< 2	100
709356	0.6	< 2	72.1
709357	1.4	3	145
709358	1.0	< 2	135
709359	0.9	< 2	76.3
709360	0.8	< 2	130
709361	0.7	< 2	22.6
709362	0.6	2	81.9
709363	0.8	< 2	134
709364	1.2	< 2	126
709365	1.1	< 2	113
709366	1.4	< 2	126
709367	1.5	< 2	163
709368	1.6	< 2	178
709369	1.0	< 2	124
709370	0.6	< 2	74.3
709371	0.9	< 2	137
709372	0.5	< 2	71.8
709373	1.0	< 2	91.3
709374	1.1	< 2	111
709375	0.9	< 2	95.5
709376	0.7	< 2	78.3
709377	0.7	< 2	95.2
709378	0.7	< 2	77.4

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
709379	0.8	< 2	85.4
709380	1.3	< 2	128

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
GXR-4 Meas	3.45	6.72	97.7	160	1.80	18.0	0.99	0.14	103	13.8	52	2.31	5960	2.99	16.2		1.3	0.215	3.40	55.1	10.7	1.69	143
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	102	14.6	64.0	2.80	6520	3.09	20.0		6.30	0.270	4.01	64.5	11.1	1.66	155
GXR-4 Meas	3.24	7.04	91.0	100	1.80	17.8	0.98	0.31	93.4	13.6	52	2.46	5510	2.96	15.8		1.2	0.205	2.98	51.2	10.2	1.66	150
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	102	14.6	64.0	2.80	6520	3.09	20.0		6.30	0.270	4.01	64.5	11.1	1.66	155
SDC-1 Meas		8.10	< 0.2	630	2.42		1.01		77.9	16.1	52	3.46	27.0	4.72	19.2		1.2		1.90	35.7	32.3	1.00	868
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		8.19	< 0.2	650	2.61		1.01		85.7	17.7	47	4.01	28.2	4.61	22.8		0.7		2.56	41.2	33.8	0.99	852
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
GXR-6 Meas	0.32	12.9	238	1340	1.06	0.21	0.16	0.09	33.8	13.6	69	4.11	66.4	5.57	28.3		2.1	0.058	1.72	12.6	32.6	0.61	1070
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	36.0	13.8	96.0	4.20	66.0	5.58	35.0		4.30	0.260	1.87	13.9	32.0	0.609	1010
GXR-6 Meas	0.30		230		0.99	0.19		0.07	32.0	13.3		4.10	66.0		28.7		1.8	0.067		12.2	31.3		
GXR-6 Cert	1.30		330		1.40	0.290		1.00	36.0	13.8		4.20	66.0		35.0		4.30	0.260		13.9	32.0		
OREAS 97 (4 Acid) Meas	18.6					38.2				62.8			> 10000										
OREAS 97 (4 Acid) Cert	19.6					40.1				62.9			63100.00										
OREAS 97 (4 Acid) Meas	19.3					42.5				63.2			> 10000										
OREAS 97 (4 Acid) Cert	19.6					40.1				62.9			63100.00										
OREAS 97 (4 Acid) Meas	19.3					39.9				63.8			> 10000										
OREAS 97 (4 Acid) Cert	19.6					40.1				62.9			63100.00										
OREAS 98 (4 Acid) Meas	44.0					91.2				124			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			148000.0										
OREAS 98 (4 Acid) Meas	44.1					94.4				128			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			148000.0										
DNC-1a Meas				100			7.39			54.8	144		90.4	6.82	12.9					3.3	4.5		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
SBC-1 Meas			25.1	770	2.51	0.70		0.32	100	22.1	95	8.10	28.2		27.2		3.4			49.6	146		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
OREAS 45d (4-Acid) Meas		7.33	6.2	180	0.64	0.33	0.17		32.2	28.2	498	3.24	341	13.4	19.1		1.6	0.077	0.37	14.8	21.0	0.23	471
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		8.05	6.9	190	0.61	0.35	0.18		34.8	30.0	531	3.51	362	13.7	20.4		1.6	0.090	0.38	16.5	21.2	0.24	497
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4	11.1					27.7				50.3			> 10000										

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
Acid) Meas																							
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	10.9					26.4				48.9			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
709201 Orig	0.03	3.28	1.6	30	0.69	0.04	23.0	< 0.02	30.7	9.7	36	1.14	2.5	1.17	7.37	< 0.05	0.6	0.013	0.69	15.6	6.5	0.98	553
709201 Dup	0.05	3.14	1.6	30	0.62	0.04	22.7	< 0.02	30.5	9.4	34	1.25	1.8	1.16	7.48	0.05	1.8	< 0.005	0.68	15.6	6.6	0.97	545
709218 Orig	0.02	7.50	0.4	20	0.87	0.03	3.14	< 0.02	47.4	2.1	76	0.21	2.0	1.39	18.7	0.25	2.9	< 0.005	0.41	25.7	8.3	1.82	158
709218 Dup	0.02	7.37	< 0.2	20	0.83	0.04	3.18	< 0.02	45.2	2.0	79	0.19	1.8	1.39	18.4	0.20	2.9	0.007	0.40	24.7	8.0	1.79	156
709233 Orig	0.02	5.14	< 0.2	30	1.11	0.03	15.1	< 0.02	37.4	12.2	62	0.86	0.7	2.87	12.2	0.09	2.3	0.007	0.65	18.5	6.3	1.29	303
709233 Dup	0.04	5.23	< 0.2	30	1.07	0.04	15.5	< 0.02	38.5	13.2	65	0.88	1.2	2.94	12.6	0.26	2.5	0.014	0.66	18.4	6.5	1.32	311
709239 Orig	0.01	3.87	0.2	40	1.09	0.03	19.7	< 0.02	26.9	9.2	49	1.25	0.6	2.07	9.16	< 0.05	0.3	0.016	0.73	13.8	3.4	1.27	294
709239 Dup	0.02	3.83	0.3	40	0.97	0.03	19.4	< 0.02	26.4	8.3	51	1.27	1.2	2.02	8.88	0.22	2.0	0.014	0.71	13.8	3.3	1.25	283
709249 Orig	0.06	6.82	3.9	20	1.06	0.04	4.02	< 0.02	78.0	66.8	77	0.08	1.9	2.23	15.1	< 0.05	3.6	< 0.005	0.14	45.0	2.1	2.03	166
709249 Split PREP DUP	0.06	6.62	3.7	20	0.99	0.04	3.92	< 0.02	75.4	63.2	86	0.11	1.0	2.06	15.0	< 0.05	3.5	< 0.005	0.17	43.8	3.0	2.05	156
709557 Orig	0.07	7.15	3.5	630	1.64	0.42	0.45	< 0.02	53.0	19.7	141	2.62	38.9	3.61	18.8	0.12	4.5	0.035	1.82	26.4	15.5	1.59	289
709557 Dup	0.08	7.44	3.4	670	1.45	0.39	0.47	< 0.02	51.7	19.2	155	2.42	37.5	3.80	18.4	0.14	4.3	0.046	2.13	25.5	14.9	1.66	301
709560 Orig	0.09	7.23	2.3	690	1.57	0.37	0.40	< 0.02	51.9	20.1	141	2.79	38.8	3.89	17.8	0.12	4.7	0.070	2.11	25.2	15.2	1.65	328
709560 Dup	0.09	7.28	2.4	690	1.64	0.40	0.40	< 0.02	52.9	20.9	147	2.82	37.2	3.86	18.0	0.13	4.7	0.056	2.16	26.4	15.4	1.65	321
709577 Orig	0.05	6.71	14.0	310	0.95	0.38	1.11	0.07	62.3	17.6	149	0.82	24.4	2.08	11.8	0.07	4.0	0.044	1.16	27.6	8.4	0.59	513
709577 Dup	0.05	6.66	14.0	310	0.83	0.38	1.11	0.06	64.1	18.1	131	0.88	25.8	2.09	12.4	0.17	1.6	0.025	1.17	28.9	8.7	0.59	502
709580 Orig	0.09	7.02	12.2	580	1.61	0.41	0.41	< 0.02	52.3	22.8	144	2.31	46.1	4.13	17.0	0.09	4.0	0.074	2.05	26.0	18.6	1.48	401
709580 Split PREP DUP	0.09	7.00	8.7	560	1.53	0.43	0.42	< 0.02	51.2	19.9	139	2.31	44.2	4.33	16.5	0.09	3.9	0.074	1.98	25.1	18.4	1.48	430
709586 Orig	0.09	8.23	5.1	1050	2.26	0.58	0.43	< 0.02	60.9	27.0	154	3.29	41.1	4.56	25.3	0.33	4.7	0.140	3.53	28.4	32.8	1.73	418
709586 Dup	0.10	8.16	5.0	1040	2.20	0.62	0.42	< 0.02	61.1	27.8	154	3.31	40.6	4.53	25.6	0.36	4.9	0.180	3.44	28.6	33.2	1.72	409
709599 Orig	0.11	8.50	13.4	920	1.96	0.53	0.32	< 0.02	43.3	27.4	146	3.87	47.9	4.72	22.6	0.18	4.4	0.097	2.33	19.6	31.0	1.95	450
709599 Dup	0.12	8.43	14.7	1070	2.05	0.51	0.31	< 0.02	42.0	28.3	163	3.72	45.6	4.76	22.1	0.31	4.6	0.094	3.14	18.8	29.9	1.95	445
709326 Orig	0.11	7.05	5.1	1120	1.56	0.41	0.35	< 0.02	47.2	23.7	149	1.88	42.1	3.52	18.7	0.23	4.4	0.047	2.74	22.7	20.2	1.47	475
709326 Dup	0.09	6.98	4.1	1130	1.53	0.37	0.35	0.03	43.8	21.7	147	1.82	38.0	3.52	16.7	0.19	4.1	0.062	2.82	21.3	18.6	1.48	475
709330 Orig	0.09	7.11	5.2	770	1.19	0.34	0.65	0.10	57.0	21.5	152	0.71	33.6	4.06	16.8	0.24	3.6	0.042	1.83	27.1	24.9	1.82	648
709330 Split PREP DUP	0.10	7.05	5.7	760	1.28	0.38	0.60	0.14	57.6	22.0	159	0.68	34.0	4.13	17.5	0.27	3.7	0.044	1.83	26.9	24.8	1.80	640
709298 Orig	0.02	7.10	0.9	10	0.78	0.02	1.91	< 0.02	5.28	0.5	57	0.08	1.3	0.36	12.8	0.32	1.7	< 0.005	0.36	2.3	0.7	0.98	66
709298 Dup	0.02	7.11	0.4	10	0.74	0.02	1.97	< 0.02	5.93	0.6	50	0.07	2.5	0.37	12.9	0.39	2.4	0.009	0.37	2.4	0.7	1.01	65
709361 Orig	< 0.01	7.49	1.0	40	1.33	0.03	0.48	< 0.02	10.6	7.2	56	0.63	4.2	0.84	13.0	0.11	0.2	< 0.005	0.98	6.0	5.0	1.13	96
709361 Dup	0.01	6.95	1.6	40	1.65	0.04	0.47	< 0.02	10.8	7.4	62	0.66	5.8	0.80	13.5	0.12	0.3	0.012	1.00	6.1	5.3	1.10	94
709379 Orig	0.03	7.58	1.2	330	1.45	0.07	0.17	< 0.02	21.7	8.0	74	2.45	3.0	2.43	14.3	0.09	2.3	0.027	1.74	10.0	10.4	2.28	58
709379 Dup	0.04	6.95	1.0	310	1.46	0.07	0.16	< 0.02	22.8	8.2	82	2.66	3.3	2.29	15.1	0.11	2.8	0.029	1.57	10.5	11.4	2.17	61
709380 Orig	0.18	7.39	1.0	410	1.86	0.10	0.17	< 0.02	63.8	11.7	120	3.13	3.0	2.25	18.5	0.10	4.0	0.023	1.69	30.6	12.1	2.13	39
709380 Split	0.06	7.58	0.4	440	1.74	0.10	0.17	< 0.02	60.7	12.1	89	3.03	2.6	2.41	17.9	0.11	4.1	0.034	2.05	28.8	11.7	2.15	56

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
PREP DUP																							
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.03	< 0.01	< 0.02	< 0.01	< 0.1	< 1	< 0.05	0.5	< 0.01	0.07	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	< 5
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.02	< 0.01	< 0.02	< 0.01	< 0.1		< 0.05	< 0.2	< 0.01	0.08	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	< 5
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.02	< 0.01	< 0.02	< 0.01	< 0.1	2	< 0.05	0.5	< 0.01	0.08	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	< 5
Method Blank	< 0.01	< 0.01	0.3	< 10	< 0.05	0.02	< 0.01	< 0.02	< 0.01	< 0.1		< 0.05	0.4	< 0.01	0.09	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	< 5
Method Blank	< 0.01	< 0.01	0.3	< 10	< 0.05	0.02	< 0.01	< 0.02	< 0.01	< 0.1		< 0.05	1.3	< 0.01	0.10	< 0.05	< 0.1	0.010	< 0.01	< 0.5	< 0.2	< 0.01	
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.03	< 0.01	< 0.02	< 0.01	< 0.1	2	< 0.05	1.1	< 0.01	0.11	0.06	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	< 5
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.03	< 0.01	< 0.02	< 0.01	< 0.1	1	< 0.05	0.4	< 0.01	0.08	0.07	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.02	< 0.01	< 0.02	< 0.01	< 0.1		< 0.05	0.3	< 0.01	0.07	0.08	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	< 5

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
GXR-4 Meas	293	0.51	9.3	36.8	1360	45.7	118		1.82	4.44	7.1	6	6.6	190	0.66	0.93	19.0	0.260	3.94	5.6	90	35.0	12.2
GXR-4 Cert	310	0.564	10.0	42.0	1200	52.0	160		1.77	4.80	7.70	5.60	5.60	221	0.790	0.970	22.5	0.29	3.20	6.20	87.0	30.8	14.0
GXR-4 Meas	273	0.50	8.4	35.8	1310	43.9	102		1.80	4.26	6.0	5	6.3	178	0.62	0.93	17.5	0.260	3.62	5.2	89	36.0	11.5
GXR-4 Cert	310	0.564	10.0	42.0	1200	52.0	160		1.77	4.80	7.70	5.60	5.60	221	0.790	0.970	22.5	0.29	3.20	6.20	87.0	30.8	14.0
SDC-1 Meas		1.51	0.1	30.6	560	21.7	86.9			< 0.05	12.1		0.5	150	< 0.05		11.0	0.270	0.69	2.5	67	0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.48	0.1	35.0	540	23.6	111			< 0.05	13.9		0.3	177	< 0.05		12.4	0.058	0.76	2.9	28	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
GXR-6 Meas	0.59	0.09	0.3	24.4	360	98.8	71.9		0.02	0.90	24.0	< 1	0.8	34.7	< 0.05	0.10	5.5		2.70	1.4	112	0.1	11.7
GXR-6 Cert	2.40	0.104	7.50	27.0	350	101	90.0		0.0160	3.60	27.6	0.940	1.70	35.0	0.485	0.0180	5.30		2.20	1.54	186	1.90	14.0
GXR-6 Meas	0.36		0.3	23.7		95.1	66.8			0.55	22.1	< 1	0.5	32.6	< 0.05	< 0.05	5.1		2.61	1.4		0.1	11.2
GXR-6 Cert	2.40		7.50	27.0		101	90.0			3.60	27.6	0.940	1.70	35.0	0.485	0.0180	5.30		2.20	1.54		1.90	14.0
OREAS 97 (4 Acid) Meas						128			6.83	6.16		66	86.5										
OREAS 97 (4 Acid) Cert						147			6.07	9.23		71.4	95.7										
OREAS 97 (4 Acid) Meas						139			6.77	6.30		68	92.3										
OREAS 97 (4 Acid) Cert						147			6.07	9.23		71.4	95.7										
OREAS 97 (4 Acid) Meas						136			6.69	8.48		68	92.6										
OREAS 97 (4 Acid) Cert						147			6.07	9.23		71.4	95.7										
OREAS 98 (4 Acid) Meas						299			> 10.0	5.21		161	190										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
OREAS 98 (4 Acid) Meas						312			> 10.0	13.3		160	191										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.39	1.4	252		5.7	2.9			0.73	27.1			128				0.256			146		14.9
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
SBC-1 Meas	2.01		15.5	82.0		34.2	121			1.00	18.1		3.4	160	1.08		15.8	0.464	1.07	5.7	219	1.6	28.5
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
OREAS 45d (4-Acid) Meas	0.22	0.09	0.7	216	340	19.6	32.9		0.04	< 0.05	42.1		0.5	28.0	< 0.05		13.4	0.188	0.23	2.7	114	0.1	9.3
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	0.34	0.09	0.3	232	350	20.6	35.9		0.04	< 0.05	44.2		0.5	28.5	< 0.05		15.3	0.169	0.24	2.7	112	< 0.1	10.3
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4						94.1			4.16	4.33		40	62.1										

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
Acid) Meas																							
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						91.0			4.20	4.50		38	58.9										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
709201 Orig	0.44	2.02	6.1	26.0	190	1.3	31.1	< 0.002	0.06	0.05	5.5	< 1	1.1	182	0.09	0.09	5.2	0.125	0.07	1.8	40	0.5	8.0
709201 Dup	0.42	2.00	3.5	25.3	200	0.9	31.8	< 0.002	0.06	0.05	5.8	< 1	1.3	188	0.22	0.07	5.3	0.121	0.06	1.9	40	0.7	8.0
709218 Orig	0.18	5.44	1.6	73.7	490	1.0	13.4	< 0.002	< 0.01	0.16	12.9	< 1	0.8	44.6	0.13	< 0.05	10.1	0.186	< 0.02	1.9	74	0.8	8.3
709218 Dup	0.10	5.38	0.4	72.0	470	0.8	13.4	< 0.002	< 0.01	< 0.05	11.8	< 1	0.5	46.1	< 0.05	< 0.05	9.9	0.128	< 0.02	1.9	58	0.3	8.3
709233 Orig	0.69	3.40	1.1	49.3	320	0.8	27.9	< 0.002	0.05	< 0.05	9.3	< 1	0.8	91.6	0.07	< 0.05	7.5	0.183	< 0.02	2.4	77	0.3	9.3
709233 Dup	0.77	3.52	3.7	52.9	330	0.9	28.4	< 0.002	0.06	0.10	9.7	< 1	1.2	94.9	0.20	0.10	7.7	0.190	< 0.02	2.5	79	0.9	9.6
709239 Orig	0.32	2.62	1.9	39.9	260	0.7	37.4	< 0.002	0.04	< 0.05	6.9	< 1	1.0	124	0.07	< 0.05	5.1	0.157	0.03	1.8	57	0.4	10.3
709239 Dup	0.34	2.56	1.6	38.7	280	0.6	37.3	< 0.002	0.04	< 0.05	6.6	< 1	1.0	122	0.11	< 0.05	5.2	0.150	0.04	1.8	56	0.2	10.0
709249 Orig	3.73	4.97	6.0	131	510	1.3	4.2	0.004	1.07	0.25	9.1	2	1.4	40.9	0.57	0.27	9.9	0.181	< 0.02	2.3	68	3.3	8.7
709249 Split PREP DUP	3.90	4.82	5.7	128	490	1.2	5.8	0.005	0.99	0.23	8.2	2	1.3	38.9	0.53	0.29	9.8	0.188	< 0.02	2.3	71	3.3	8.4
709557 Orig	1.86	2.43	6.3	79.7	460	3.1	82.9	0.003	0.30	0.43	12.7	1	1.5	78.6	0.43	0.12	11.6	0.286	0.50	4.0	99	2.0	16.9
709557 Dup	1.88	2.55	6.3	78.8	490	2.9	85.1	< 0.002	0.32	0.39	11.5	< 1	1.6	73.4	0.33	0.06	11.3	0.301	0.47	3.9	103	1.9	16.2
709560 Orig	1.88	2.44	9.4	78.0	530	2.6	90.0	0.002	0.38	0.26	11.5	1	2.0	75.4	0.56	0.09	11.1	0.313	0.54	3.9	99	2.1	16.7
709560 Dup	1.92	2.44	9.1	77.8	530	2.7	91.1	0.002	0.37	0.26	11.9	1	1.9	79.5	0.43	0.07	11.4	0.319	0.55	3.9	99	2.1	17.2
709577 Orig	1.39	3.42	2.6	50.2	560	6.1	37.1	< 0.002	0.12	0.20	9.4	< 1	0.6	117	0.08	0.14	7.6	0.282	0.18	3.1	70	1.0	13.9
709577 Dup	1.40	3.43	2.7	52.3	560	6.4	38.4	< 0.002	0.13	0.19	9.3	< 1	0.7	125	0.09	0.11	8.1	0.285	0.16	3.2	70	0.9	14.4
709580 Orig	1.85	2.10	8.2	75.9	490	6.7	85.9	0.002	0.49	0.41	11.8	1	1.9	88.1	0.69	0.14	10.2	0.304	0.53	3.7	100	2.7	15.2
709580 Split PREP DUP	2.06	2.10	8.0	77.2	510	6.6	83.5	0.004	0.48	0.40	11.6	2	1.9	88.6	0.72	0.15	9.9	0.304	0.54	3.7	99	2.6	14.8
709586 Orig	1.82	1.42	5.1	76.8	590	6.8	139	0.003	0.41	0.67	18.5	1	3.1	74.7	0.07	0.06	15.9	0.388	0.93	5.5	148	1.7	21.2
709586 Dup	1.95	1.42	9.1	77.9	580	6.8	141	0.002	0.41	0.82	18.5	2	3.1	75.5	0.29	0.14	15.9	0.402	0.93	5.6	150	3.1	21.4
709599 Orig	2.61	1.76	8.5	90.3	620	10.2	115	0.004	0.48	0.57	16.4	1	2.2	73.2	0.59	0.19	13.7	0.378	1.01	4.6	138	4.0	14.9
709599 Dup	2.45	1.77	9.9	90.2	640	10.2	128	0.002	0.50	0.60	15.3	1	2.3	74.3	0.72	0.10	13.1	0.394	0.97	4.4	140	4.0	14.7
709326 Orig	1.82	2.09	8.6	67.9	420	10.9	88.9	0.003	0.41	0.63	11.8	< 1	1.8	163	0.64	0.16	11.9	0.301	0.67	4.3	103	2.2	15.1
709326 Dup	2.05	2.11	8.1	61.6	410	9.8	82.8	< 0.002	0.41	0.66	10.6	1	1.7	147	0.65	0.15	11.2	0.301	0.63	3.9	103	2.2	13.7
709330 Orig	1.50	2.51	5.3	79.5	500	7.9	58.8	< 0.002	0.39	0.57	11.7	1	1.5	146	0.15	0.14	9.3	0.313	0.37	3.3	102	2.0	15.1
709330 Split PREP DUP	1.76	2.49	6.3	77.6	480	7.7	61.2	< 0.002	0.36	0.53	12.5	1	1.4	153	0.27	0.16	9.6	0.316	0.42	3.3	102	2.1	15.1
709298 Orig	1.26	5.03	0.7	5.4	450	0.7	3.6	< 0.002	< 0.01	< 0.05	3.8	< 1	0.2	25.6	< 0.05	< 0.05	2.7	0.092	< 0.02	1.3	21	1.0	6.8
709298 Dup	1.01	5.25	0.9	6.1	500	0.7	3.5	< 0.002	< 0.01	0.08	3.5	< 1	0.3	24.8	0.07	< 0.05	2.6	0.080	< 0.02	1.3	19	1.0	6.7
709361 Orig	1.38	4.71	1.3	32.2	550	0.9	31.1	< 0.002	0.04	0.11	5.8	< 1	0.4	43.5	< 0.05	< 0.05	6.4	0.153	0.02	1.3	50	0.8	6.4
709361 Dup	1.77	4.50	1.2	32.6	540	0.9	31.9	< 0.002	0.03	0.12	6.0	< 1	0.5	43.3	< 0.05	0.07	6.1	0.147	0.02	1.2	49	1.1	6.3
709379 Orig	1.17	2.24	4.0	31.1	500	0.8	70.4	< 0.002	0.07	0.18	5.9	< 1	1.0	28.6	0.32	< 0.05	5.5	0.179	0.24	1.8	54	1.0	6.2
709379 Dup	1.49	2.12	4.4	32.5	470	0.9	71.9	< 0.002	0.06	0.19	6.3	< 1	1.0	32.9	0.34	< 0.05	5.6	0.179	0.25	1.9	52	1.0	6.6
709380 Orig	1.36	1.69	5.5	32.5	550	1.5	85.9	< 0.002	0.08	0.24	10.8	< 1	1.6	27.5	0.17	< 0.05	9.3	0.265	0.32	3.4	84	1.1	10.2
709380 Split	1.82	1.72	5.3	32.6	550	1.3	87.0	< 0.002	0.08	0.18	9.5	< 1	1.4	28.6	0.37	0.09	9.3	0.266	0.33	3.3	84	1.1	10.3

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
PREP DUP																							
Method Blank	0.08	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank	0.06	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank	0.06	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank	< 0.05	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank	0.07	< 0.01	< 0.1	< 0.2	< 10	0.6	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	0.07	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank	< 0.05	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank	0.07	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	0.1	< 0.1
Method Blank	< 0.05	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
GXR-4 Meas	1.0	77	36.7
GXR-4 Cert	1.60	73.0	186
GXR-4 Meas	1.0	73	35.9
GXR-4 Cert	1.60	73.0	186
SDC-1 Meas	3.0	104	38.7
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.4	104	20.2
SDC-1 Cert	4.00	103.00	290.00
GXR-6 Meas	1.7	135	64.1
GXR-6 Cert	2.40	118	110
GXR-6 Meas	1.6		54.4
GXR-6 Cert	2.40		110
OREAS 97 (4 Acid) Meas		621	
OREAS 97 (4 Acid) Cert		646	
OREAS 97 (4 Acid) Meas		623	
OREAS 97 (4 Acid) Cert		646	
OREAS 97 (4 Acid) Meas		614	
OREAS 97 (4 Acid) Cert		646	
OREAS 98 (4 Acid) Meas		1290	
OREAS 98 (4 Acid) Cert		1360	
OREAS 98 (4 Acid) Meas		1300	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas	1.9	62	34.7
DNC-1a Cert	2.0	70	38.0
SBC-1 Meas	3.3	193	118
SBC-1 Cert	3.64	186	134.0
OREAS 45d (4-Acid) Meas	1.4	43	53.0
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.4	43	52.8
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4		442	

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
Acid) Meas			
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		447	
OREAS 96 (4 Acid) Cert		457	
709201 Orig	0.9	< 2	28.6
709201 Dup	0.8	< 2	61.8
709218 Orig	1.0	< 2	101
709218 Dup	1.0	< 2	100.0
709233 Orig	1.1	< 2	71.5
709233 Dup	1.1	5	82.7
709239 Orig	1.1	< 2	19.3
709239 Dup	1.1	< 2	65.2
709249 Orig	1.1	< 2	121
709249 Split PREP DUP	1.1	2	114
709557 Orig	2.1	32	155
709557 Dup	2.0	30	151
709560 Orig	2.1	35	158
709560 Dup	2.2	32	160
709577 Orig	1.5	33	151
709577 Dup	1.5	33	78.4
709580 Orig	1.8	35	134
709580 Split PREP DUP	1.7	35	130
709586 Orig	2.5	44	149
709586 Dup	2.4	45	153
709599 Orig	2.0	48	145
709599 Dup	2.0	49	149
709326 Orig	1.8	61	139
709326 Dup	1.7	63	130
709330 Orig	1.7	98	116
709330 Split PREP DUP	1.7	97	124
709298 Orig	0.8	< 2	67.8
709298 Dup	0.8	< 2	81.2
709361 Orig	0.7	3	19.9
709361 Dup	0.7	< 2	25.3
709379 Orig	0.7	< 2	80.9
709379 Dup	0.8	< 2	89.8
709380 Orig	1.3	< 2	128
709380 Split	1.3	< 2	132

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
PREP DUP			
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1	< 2	< 0.5