



Date Submitted: 25-Feb-15
Invoice No.: A15-01184
Invoice Date: 13-Mar-15
Your Reference: CORDILLERA

Geological Survey of Canada
475-601 BOOTH ST
OTTAWA ON K1A0E8
Canada

ATTN: Alex Zagorevski

CERTIFICATE OF ANALYSIS

117 Pulp samples were submitted for analysis.

The following analytical package was requested:

Code 4LITHORES (11+) Major Elements Fusion ICP(WRA)/Trace Elements Fusion ICP/MS(WRA4B2)

REPORT **A15-01184**

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Notes:

We recommend using option 4B1 for accurate levels of the base metals Cu, Pb, Zn, Ni and Ag. Option 4B-INAA for As, Sb, high W >100ppm, Cr >1000ppm and Sn >50ppm by Code 5D. Values for these elements provided by Fusion ICP/MS, are order of magnitude only and are provided for general information. Mineralized samples should have the Quant option selected or request assays for values which exceed the range of option 4B1. Total includes all elements in % oxide to the left of total. Zr is now being reported from FUS-ICP instead of FUS-MS.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	0.5	5
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
GAT-77-1	60.30	16.27	7.29	0.136	2.60	5.91	2.80	1.95	0.703	0.19	2.57	100.7	19	1	156	< 20	17	< 20	30	70	17	1.6	< 5
GAT-77-100C	72.66	10.11	1.41	0.028	0.39	5.41	3.80	1.58	0.188	0.04	5.09	100.7	2	1	41	20	2	< 20	20	< 30	10	0.6	< 5
GAT-77-12	49.37	19.19	9.00	0.185	3.91	9.36	3.36	1.91	0.719	0.12	3.78	100.9	35	1	301	60	27	< 20	20	70	18	1.7	< 5
GAT-77-141A	81.69	2.67	1.24	0.201	2.35	6.01	0.12	0.16	0.102	0.02	6.17	100.7	4	< 1	28	< 20	5	< 20	< 10	30	4	0.6	< 5
GAT-77-141C	47.64	16.02	11.23	0.141	5.55	10.96	1.60	0.31	2.112	0.25	3.35	99.16	29	1	251	100	41	70	50	110	22	1.5	< 5
GAT-77-147A	68.63	13.42	4.51	0.080	2.30	2.41	2.89	2.08	0.566	0.12	2.41	99.42	18	1	130	< 20	8	< 20	50	< 30	13	1.3	< 5
GAT-77-148B	81.74	2.05	0.77	0.181	0.78	7.80	0.03	0.52	0.086	0.02	6.75	100.7	4	< 1	39	30	7	30	50	< 30	4	0.8	< 5
GAT-77-149D	70.02	16.34	2.13	0.029	0.67	0.84	4.19	3.49	0.259	0.08	2.23	100.3	1	3	30	< 20	3	< 20	< 10	60	24	1.0	< 5
GAT-77-150C	65.42	15.11	3.35	0.048	0.99	4.27	3.19	3.68	0.377	0.14	4.42	101.0	4	3	63	< 20	4	< 20	< 10	80	23	1.1	< 5
GAT-77-150D	76.15	14.34	0.64	0.076	0.10	0.69	4.34	3.19	0.040	< 0.01	1.17	100.7	3	8	< 5	< 20	< 1	< 20	< 10	40	23	2.3	< 5
GAT-77-150G	82.11	4.30	1.76	0.044	0.35	5.34	0.30	1.22	0.451	0.09	4.45	100.4	4	< 1	34	50	7	30	10	30	6	0.8	18
GAT-77-151C	56.60	17.56	7.28	0.125	3.22	6.87	5.47	0.78	0.796	0.15	1.90	100.8	23	< 1	255	< 20	22	< 20	40	50	13	1.2	< 5
GAT-77-154	68.53	16.98	2.58	0.148	0.96	2.73	5.07	1.30	0.293	0.10	1.71	100.4	4	1	48	< 20	3	< 20	20	180	19	1.4	< 5
GAT-77-155C	69.72	15.99	1.85	0.047	0.19	1.28	5.40	1.67	0.233	0.06	2.34	98.78	3	1	36	< 20	3	< 20	< 10	40	19	0.9	< 5
GAT-77-156G	49.32	17.95	8.66	0.196	3.74	13.80	2.07	0.19	0.951	0.15	3.47	100.5	39	< 1	312	180	15	50	< 10	70	17	1.4	< 5
GAT-77-158B	57.02	14.65	9.79	0.085	5.28	7.52	2.91	0.07	0.463	0.04	2.79	100.6	41	< 1	352	100	32	50	10	< 30	11	1.4	< 5
GAT-77-159B	54.62	13.27	8.49	0.160	8.71	6.53	4.64	0.02	1.315	0.10	2.42	100.3	34	< 1	190	140	38	70	60	90	8	1.0	< 5
GAT-77-159E	55.44	13.54	7.56	0.110	8.31	11.41	1.09	0.06	0.493	0.04	2.63	100.7	34	< 1	241	230	36	110	20	30	14	1.8	< 5
GAT-77-159F	48.15	12.22	8.86	0.150	12.77	12.79	0.98	0.71	0.628	0.07	3.29	100.6	56	< 1	240	1120	49	200	60	40	11	1.6	< 5
GAT-77-161A	55.58	15.96	8.71	0.190	4.96	6.11	4.07	0.65	0.965	0.16	3.13	100.5	32	< 1	208	200	16	90	< 10	120	15	1.1	< 5
GAT-77-166E	53.11	13.66	8.38	0.113	4.98	11.40	1.73	0.42	0.380	0.03	6.28	100.5	36	< 1	223	320	25	80	50	50	12	2.2	< 5
GAT-77-167D	54.58	16.88	7.31	0.138	6.22	5.28	5.90	0.05	0.468	0.03	2.84	99.69	34	< 1	200	80	28	60	< 10	< 30	12	0.9	< 5
GAT-77-183	49.60	14.79	8.87	0.162	5.01	8.10	3.30	2.79	0.617	0.70	6.73	100.7	18	2	210	110	30	30	170	80	14	1.4	< 5
GAT-77-183A	50.26	15.60	9.01	0.164	4.97	8.37	3.70	2.04	0.629	0.73	5.15	100.6	22	2	248	130	29	40	250	80	16	1.9	< 5
GAT-77-183B	48.63	17.40	9.48	0.109	5.31	4.63	2.74	3.57	0.707	0.80	6.72	100.1	21	2	279	110	27	30	310	100	19	1.7	< 5
GAT-77-183C	47.46	15.77	9.79	0.175	6.15	7.05	2.82	1.49	0.700	0.84	8.61	100.9	20	1	225	130	32	40	260	110	16	1.4	< 5
GAT-77-185C	63.13	12.94	5.69	0.067	2.44	2.35	0.81	3.47	0.451	0.05	8.26	99.68	19	1	106	< 20	6	< 20	10	130	15	0.9	< 5
GAT-77-185G	62.91	14.67	5.07	0.073	2.40	4.27	2.52	2.10	0.535	0.07	6.11	100.7	21	1	133	40	12	< 20	30	70	16	1.1	< 5
GAT-77-186C	69.58	14.07	3.95	0.043	2.12	4.84	2.01	1.03	0.305	0.04	2.33	100.3	14	< 1	37	< 20	5	< 20	10	40	15	1.7	< 5
GAT-77-186E	68.88	13.45	4.70	0.041	2.89	1.75	2.62	0.80	0.326	0.04	4.44	99.94	12	< 1	47	< 20	10	< 20	20	50	12	1.1	< 5
GAT-77-186I	53.07	15.05	5.90	0.294	1.87	7.27	2.24	2.62	0.324	0.04	11.41	100.1	18	< 1	111	170	12	< 20	< 10	70	17	1.3	< 5
GAT-77-187A	60.43	16.21	3.46	0.088	2.63	3.66	0.79	3.47	0.376	0.06	8.85	100.0	25	1	118	< 20	1	< 20	< 10	120	22	1.5	< 5
GAT-77-189D	51.46	18.37	8.35	0.204	3.32	5.10	3.77	3.57	0.663	0.66	5.13	100.6	15	2	191	< 20	24	< 20	200	100	19	1.4	< 5
GAT-77-189G	36.38	15.14	9.81	0.222	6.76	14.19	3.87	0.08	1.065	0.11	12.55	100.2	57	< 1	346	60	34	30	30	80	16	1.5	< 5
GAT-77-190C	64.41	15.24	6.93	0.165	2.54	1.72	5.62	1.17	0.622	0.08	2.25	100.7	27	< 1	149	< 20	13	< 20	< 10	80	15	1.1	< 5
GAT-77-192D	52.35	14.39	6.57	0.411	4.44	10.33	2.95	0.44	0.463	0.13	7.80	100.3	32	< 1	215	80	26	< 20	50	60	12	0.8	< 5
GAT-77-195A	46.74	13.72	11.03	0.155	5.14	7.50	0.11	4.07	0.756	0.95	9.48	99.65	32	2	303	250	43	70	230	120	16	1.7	< 5
GAT-77-195E	54.21	17.83	6.96	0.080	2.73	4.19	2.91	5.46	0.580	0.67	4.93	100.5	15	1	165	< 20	12	< 20	10	100	17	1.1	< 5
GAT-77-196B	50.73	16.64	8.57	0.173	3.08	8.34	3.71	3.11	0.600	0.80	4.07	99.81	15	2	203	30	28	< 20	290	80	16	1.7	< 5
GAT-77-196C	52.74	16.62	7.90	0.164	3.50	5.87	4.50	2.95	0.597	0.79	4.58	100.2	14	2	168	30	24	< 20	390	80	14	1.4	< 5
GAT-77-19B	44.80	12.26	11.14	0.198	13.38	8.35	2.20	0.01	1.068	0.10	5.88	99.40	29	< 1	247	860	61	340	30	70	13	1.0	< 5
GAT-77-2	79.41	12.82	0.42	0.005	0.38	0.19	4.75	1.59	0.068	< 0.01	1.13	100.8	1	1	19	< 20	< 1	< 20	< 10	< 30	14	0.5	< 5
GAT-77-205A	49.87	14.27	14.38	0.201	6.85	4.62	1.57	0.47	2.094	0.26	6.20	100.8	50	< 1	468	120	58	60	310	100	18	1.1	< 5
GAT-77-208C	53.39	18.28	8.67	0.148	3.06	7.89	4.15	1.18	0.806	0.18	2.80	100.5	27	1	269	< 20	20	< 20	30	60	17	1.4	< 5
GAT-77-209B	54.07	13.02	11.00	0.166	6.93	7.53	3.15	0.76	0.829	0.07	2.42	99.94	49	< 1	354	80	42	60	120	70	13	1.5	< 5
GAT-77-210A	49.68	15.52	11.96	0.201	6.58	8.13	3.19	0.68	1.440	0.25	3.07	100.7	28	2	229	170	45	70	70	90	19	1.5	< 5
GAT-77-210B	56.47	16.08	6.41	0.061	1.91	4.00	8.90	0.22	0.813	0.31	5.09	100.3	10	< 1	189	50	3	< 20	< 10	< 30	18	0.6	< 5
GAT-77-211C	42.38	14.52	10.26	0.146	5.03	14.06	3.71	0.07	1.641	0.15	7.31	99.27	36	< 1	298	280	51	110	60	80	18	1.1	7

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	0.5	5
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
GAT-77-211D	46.22	16.60	9.97	0.161	5.28	7.57	2.07	2.64	0.880	0.30	7.30	98.99	26	2	270	< 20	36	30	40	90	18	1.4	< 5
GAT-77-213A	76.88	12.63	1.96	0.023	2.01	0.16	3.73	1.37	0.154	0.01	1.97	100.9	5	2	15	< 20	3	< 20	< 10	30	14	1.1	< 5
GAT-77-213B	60.74	21.60	3.34	0.132	0.08	0.07	8.51	2.58	0.023	0.02	1.43	98.52	< 1	9	7	< 20	< 1	< 20	< 10	140	45	1.8	5
GAT-77-215	62.76	17.13	8.50	0.067	1.96	2.10	1.01	2.96	1.262	0.34	2.62	100.7	24	2	222	50	23	30	60	90	24	1.9	< 5
GAT-77-218D	40.90	17.64	17.32	0.228	6.05	5.59	3.38	0.04	2.824	0.25	4.44	98.67	56	< 1	519	< 20	35	20	20	140	27	1.7	< 5
GAT-77-227A	58.59	11.60	1.74	0.043	0.78	12.01	4.90	1.08	0.233	0.09	9.30	100.4	3	1	44	< 20	2	< 20	10	< 30	12	0.6	< 5
GAT-77-232E	65.65	13.49	1.51	0.037	0.65	6.42	5.72	1.09	0.250	0.09	4.58	99.50	2	1	38	< 20	3	< 20	10	< 30	14	0.6	< 5
GAT-77-243	87.26	0.64	11.83	0.016	0.16	0.22	0.02	< 0.01	0.002	0.03	0.65	100.8	< 1	< 1	82	< 20	< 1	< 20	10	< 30	2	0.8	< 5
GAT-77-7	50.19	18.20	8.03	0.196	3.24	9.60	3.93	0.54	1.012	0.25	4.33	99.50	20	1	170	< 20	20	< 20	20	80	19	1.2	< 5
GAT-77-8	81.34	11.12	0.95	0.007	0.06	0.21	5.93	0.12	0.121	< 0.01	0.78	100.6	2	1	< 5	< 20	< 1	< 20	20	70	19	1.0	< 5
GAT-77-83	46.90	15.15	10.93	0.231	6.50	7.55	3.85	0.06	1.591	0.12	6.28	99.16	46	< 1	355	140	35	40	50	120	18	1.3	< 5
GAT-77-85C	51.37	13.89	11.34	0.184	3.88	10.98	2.54	0.10	1.534	0.18	3.71	99.70	31	< 1	362	< 20	32	< 20	40	90	18	1.7	< 5
GAT-77-86C	75.19	12.20	3.79	0.059	1.92	0.49	4.28	0.33	0.421	0.05	2.17	100.9	12	< 1	33	< 20	3	< 20	< 10	< 30	14	1.0	< 5
GAT-77-88B	48.35	16.03	10.19	0.215	9.01	6.67	3.39	0.03	0.940	0.09	4.68	99.59	43	< 1	309	230	42	60	< 10	80	17	1.8	< 5
GAT-77-98D	46.77	15.92	9.95	0.139	8.04	10.35	3.20	0.03	1.054	0.07	4.10	99.63	43	< 1	288	290	43	80	60	70	16	1.5	< 5
GAT-78-301E	49.40	18.28	10.98	0.183	4.23	8.53	2.95	1.14	1.109	0.24	2.32	99.35	29	1	314	< 20	31	< 20	60	110	20	1.5	< 5
GAT-78-309	94.33	2.45	0.33	0.004	0.15	0.03	0.03	0.43	0.060	< 0.01	0.78	98.59	3	< 1	25	< 20	1	< 20	10	< 30	5	1.5	< 5
GAT-78-310A	93.98	0.44	0.03	0.004	0.03	3.47	0.01	< 0.01	0.003	0.01	2.97	101.0	< 1	< 1	< 5	< 20	< 1	< 20	< 10	< 30	< 1	< 0.5	< 5
GAT-78-311A	49.99	15.12	8.90	0.205	7.11	8.20	3.36	1.15	1.391	0.13	5.12	100.7	45	2	294	90	42	60	70	70	16	1.2	< 5
GAT-78-311E	43.22	15.10	11.33	0.193	6.47	7.65	3.40	1.36	2.959	0.42	6.77	98.86	19	2	298	< 20	33	20	10	120	22	1.3	< 5
GAT-78-314A	85.82	4.50	3.28	0.064	3.19	1.95	1.49	0.37	0.193	0.02	0.09	101.0	6	< 1	49	30	8	20	10	30	5	0.6	< 5
GAT-78-314C	81.65	6.14	3.09	0.069	2.40	2.12	2.44	0.31	0.271	0.04	0.21	98.75	8	< 1	70	30	6	< 20	20	40	6	1.0	< 5
GAT-78-315A	46.72	11.61	12.16	0.186	13.09	8.28	1.21	3.67	0.524	0.45	2.00	99.90	32	< 1	284	1150	80	260	180	120	14	1.4	< 5
GAT-78-317A	88.17	6.52	0.77	0.072	1.45	0.23	0.32	1.45	0.291	0.02	1.65	100.9	9	< 1	33	< 20	< 1	< 20	< 10	< 30	10	1.1	< 5
GAT-78-318D	71.04	16.45	1.33	0.054	0.36	2.53	5.97	1.37	0.146	0.06	1.58	100.9	2	2	21	< 20	1	< 20	10	30	20	1.2	7
GAT-78-321	73.00	13.34	2.96	0.105	1.11	2.47	5.28	0.48	0.381	0.07	1.67	100.9	6	< 1	49	< 20	5	< 20	< 10	40	14	1.4	< 5
GAT-78-325D	62.38	15.77	4.28	0.084	2.04	4.41	4.31	1.71	0.526	0.15	4.98	100.6	9	1	90	20	10	< 20	< 10	60	19	1.0	< 5
GAT-78-331C	51.64	16.15	8.48	0.123	4.40	4.91	4.98	0.82	1.751	0.40	5.53	99.19	18	3	158	40	30	40	30	90	20	1.3	25
GAT-78-331E	62.24	16.60	2.02	0.047	0.49	12.42	2.79	0.46	0.170	0.05	3.15	100.4	3	3	58	< 20	< 1	< 20	< 10	< 30	30	6.2	17
GAT-78-331F	50.37	16.67	8.43	0.133	6.67	7.62	3.62	1.33	1.505	0.37	3.53	100.2	22	2	169	210	34	70	30	80	17	1.3	9
GAT-78-332C	67.26	15.79	2.51	0.036	0.69	2.68	4.45	2.74	0.260	0.08	3.95	100.4	3	2	38	< 20	2	< 20	20	40	19	1.2	< 5
GAT-78-334	48.71	14.85	10.40	0.177	8.85	9.88	1.67	1.68	0.378	0.03	4.13	100.8	49	< 1	249	290	52	90	90	70	13	1.3	< 5
GAT-78-337B	72.11	13.94	3.46	0.028	0.86	2.60	5.92	0.12	0.382	0.07	1.39	100.9	14	< 1	51	< 20	6	< 20	< 10	< 30	13	0.8	< 5
GAT-78-341A	79.03	13.33	0.61	0.048	0.06	0.10	5.50	1.19	0.033	0.02	1.00	100.9	4	3	< 5	< 20	< 1	< 20	< 10	70	24	2.4	26
GAT-78-344C	50.55	16.38	10.76	0.153	4.92	7.99	2.40	3.66	0.686	0.68	2.46	100.6	26	2	275	70	33	20	180	100	20	2.1	< 5
GAT-78-345E	51.10	15.84	8.80	0.149	4.63	6.68	3.06	3.86	0.619	0.61	5.48	100.8	23	2	247	60	31	20	200	80	18	2.0	< 5
GAT-78-348	46.02	15.48	9.46	0.177	5.21	7.40	1.44	3.65	0.653	0.67	9.69	99.84	28	2	304	90	34	30	380	90	20	1.8	< 5
GAT-78-348B	55.03	16.34	6.75	0.070	4.00	2.73	2.77	5.69	0.614	0.71	5.92	100.6	10	3	218	60	15	20	90	140	21	1.2	< 5
GAT-78-349	52.01	18.06	8.48	0.146	3.23	6.70	3.41	4.10	0.624	0.93	3.16	100.8	15	3	222	30	25	< 20	370	120	19	1.6	< 5
GAT-78-349B	48.78	14.45	11.07	0.184	6.40	7.77	2.04	4.50	0.722	0.91	3.97	100.8	32	2	339	130	40	30	200	100	19	1.7	< 5
GAT-78-351	46.88	15.16	12.19	0.164	15.34	0.13	0.02	< 0.01	0.914	0.08	8.19	99.08	38	< 1	301	390	35	100	440	340	20	0.7	< 5
GAT-78-352	69.09	13.59	5.47	0.163	2.68	1.73	4.02	0.28	0.571	0.13	2.79	100.5	16	< 1	51	< 20	7	< 20	70	50	15	1.3	< 5
GAT-78-357	82.28	9.59	0.34	0.013	0.28	0.16	5.31	0.11	0.156	0.01	0.58	98.83	4	< 1	< 5	< 20	< 1	< 20	< 10	< 30	8	0.9	< 5
GAT-78-357B	50.71	15.04	9.00	0.254	5.23	12.64	1.98	0.02	0.849	0.11	4.96	100.8	37	< 1	335	190	24	50	< 10	150	19	3.3	< 5
GAT-78-358B	46.17	18.65	10.52	0.181	9.02	7.44	3.23	0.22	0.817	0.07	4.40	100.7	47	< 1	350	180	44	50	20	160	18	1.4	< 5
GAT-78-360	79.60	12.17	1.03	0.011	0.51	0.15	6.24	0.05	0.157	0.03	0.70	100.6	7	< 1	< 5	< 20	2	< 20	< 10	< 30	11	0.7	< 5
GAT-78-360A	52.76	14.41	13.79	0.154	6.29	5.83	0.69	0.07	0.523	0.03	4.38	98.93	73	< 1	310	30	28	< 20	< 10	40	19	2.8	< 5
GAT-78-362C	73.08	12.60	4.36	0.116	2.09	1.22	4.33	0.67	0.508	0.09	1.84	100.9	14	< 1	30	20	5	< 20	20	100	11	1.1	< 5
GAT-78-368A	50.64	16.26	9.36	0.137	7.59	8.78	4.06	0.05	1.103	0.07	2.90	100.9	43	< 1	278	200	37	60	90	60	16	1.5	< 5
GAT-78-368B	45.62	12.70	10.96	0.185	14.36	8.72	1.65	0.56	0.989	0.06	4.75	100.6	33	< 1	255	1040	56	410	50	70	14	1.2	< 5

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	0.5	5
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
GAT-78-369A	75.18	13.03	3.80	0.070	0.22	0.23	7.13	0.11	0.463	0.06	0.38	100.7	13	1	10	< 20	< 1	< 20	< 10	40	20	1.1	< 5
GA-79-102A	58.32	17.58	7.24	0.122	3.00	6.89	4.30	0.87	0.768	0.33	1.41	100.8	15	2	161	40	16	< 20	50	80	22	1.2	< 5
GA-79-102B	74.82	13.28	1.88	0.032	0.03	0.50	4.71	4.21	0.054	< 0.01	0.36	99.87	< 1	12	< 5	20	< 1	< 20	20	40	33	2.5	< 5
GA-79-103	62.67	15.83	5.33	0.132	1.80	4.59	3.53	3.57	0.620	0.49	0.84	99.39	9	2	79	30	10	< 20	20	50	19	1.6	< 5
GA-79-67	69.53	12.50	7.52	0.145	0.71	2.18	2.70	4.09	0.900	0.28	-0.09	100.5	12	3	34	30	8	< 20	40	80	20	1.5	< 5
GA-79-81	56.83	16.03	7.64	0.129	4.46	6.79	3.84	1.94	1.077	0.53	1.71	101.0	19	2	154	30	24	30	40	80	19	1.5	< 5
GA-80-29	75.60	12.75	2.67	0.047	0.41	1.62	2.53	4.65	0.206	0.16	0.12	100.8	5	2	19	30	4	< 20	20	30	14	1.5	< 5
GA-80-29A	72.38	13.94	3.47	0.045	0.62	2.03	2.65	4.97	0.316	0.18	0.34	100.9	7	3	28	40	5	< 20	30	50	16	1.4	< 5
GA-80-29b	69.91	14.17	3.78	0.059	0.59	1.83	2.61	5.00	0.350	0.12	0.10	98.51	9	1	30	30	6	< 20	30	50	17	1.5	< 5
GGA-81-14E2	50.16	12.51	11.16	0.254	7.92	11.11	2.41	0.65	1.683	0.14	2.19	100.2	43	< 1	340	270	40	100	30	80	20	2.0	< 5
GGA-81-15B4	48.58	15.42	9.79	0.153	7.64	10.50	1.54	0.49	1.144	0.18	5.28	100.7	40	< 1	294	250	36	80	110	70	16	1.3	< 5
GGA-81-15C1	48.81	13.03	8.86	0.164	11.76	10.81	2.07	0.32	0.630	0.06	3.95	100.5	52	< 1	244	680	48	170	40	60	12	1.6	< 5
GGA-81-16B1	48.10	12.44	9.33	0.172	10.75	13.10	0.75	0.55	0.679	0.06	4.25	100.2	47	< 1	241	500	43	130	170	120	14	2.0	< 5
GGA-81-18A3	47.57	15.12	9.91	0.165	10.17	8.68	2.14	1.54	1.241	0.26	3.93	100.7	44	< 1	284	480	44	160	50	80	16	1.4	< 5
GGA-81-19A3	55.37	14.77	10.66	0.169	3.88	7.08	3.91	0.23	1.177	0.24	2.92	100.4	33	1	364	20	27	< 20	210	100	19	1.3	< 5
GGA-81-4D1	49.00	13.97	11.52	0.182	5.48	11.99	2.50	0.21	1.879	0.20	3.94	100.9	43	< 1	344	180	37	60	70	90	20	1.8	< 5
GGA-81-8A1	50.63	14.83	10.54	0.196	5.44	9.17	3.17	1.74	1.529	0.38	3.30	100.9	32	2	343	190	33	70	180	100	17	1.3	< 5
GAT-77-211C	54.02	14.88	12.51	0.160	3.99	2.56	5.37	0.16	2.620	0.61	3.85	100.7	29	2	242	20	26	< 20	< 10	70	21	1.8	6
GAT-78-348A	48.51	13.84	8.58	0.154	4.53	7.08	2.77	3.51	0.601	0.75	10.27	100.6	20	2	202	120	25	30	300	110	16	1.0	< 5

Results

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.5	1	0.2	2	0.5	0.1	1	0.2	0.1	3	0.05	0.05	0.01	0.05	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FUS-MS	FUS-ICP	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
GAT-77-1	48	599	26.7	124	5.1	< 2	0.8	< 0.1	< 1	0.8	1.7	791	17.5	35.1	4.41	18.2	4.52	1.28	4.41	0.73	4.54	0.96	2.79
GAT-77-100C	29	181	5.7	45	2.6	2	0.5	< 0.1	< 1	0.8	0.4	849	5.26	9.92	1.37	5.40	1.17	0.324	1.06	0.15	0.92	0.20	0.57
GAT-77-12	35	539	19.1	56	2.3	< 2	< 0.5	< 0.1	< 1	0.7	0.7	681	6.92	14.5	2.04	9.11	2.68	0.973	2.93	0.49	3.18	0.68	2.03
GAT-77-141A	4	161	6.4	28	2.4	< 2	< 0.5	< 0.1	< 1	0.6	0.2	461	5.78	13.8	1.44	5.33	1.24	0.305	1.04	0.15	1.03	0.21	0.65
GAT-77-141C	3	338	25.4	136	15.3	< 2	0.5	< 0.1	2	0.5	< 0.1	98	17.2	38.5	4.89	21.1	5.02	2.02	5.04	0.79	4.76	0.93	2.54
GAT-77-147A	35	125	16.6	213	4.3	< 2	0.7	< 0.1	1	0.9	0.6	1023	8.89	20.2	2.49	10.4	2.54	0.717	2.61	0.44	2.84	0.60	1.79
GAT-77-148B	15	158	7.9	23	2.0	< 2	< 0.5	< 0.1	< 1	0.6	0.6	864	5.21	11.3	1.24	4.78	1.06	0.254	1.14	0.18	1.14	0.25	0.76
GAT-77-149D	139	312	3.0	126	10.7	< 2	< 0.5	< 0.1	1	0.7	2.6	1163	15.6	28.6	3.26	11.5	2.27	0.530	1.58	0.16	0.61	0.09	0.21
GAT-77-150C	132	522	6.6	160	11.8	< 2	0.6	< 0.1	2	1.1	3.1	1023	26.4	50.7	5.75	21.0	4.10	1.05	2.89	0.35	1.47	0.24	0.59
GAT-77-150D	212	85	27.8	47	29.4	< 2	< 0.5	< 0.1	2	0.6	9.5	239	5.39	11.6	1.49	5.94	2.58	0.365	3.24	0.68	4.47	0.88	2.54
GAT-77-150G	47	263	9.1	170	11.3	< 2	< 0.5	< 0.1	< 1	0.8	0.8	267	17.3	34.5	3.72	13.3	2.48	0.583	1.88	0.27	1.59	0.33	0.97
GAT-77-151C	18	498	21.0	64	2.8	< 2	< 0.5	< 0.1	< 1	0.4	0.3	249	6.12	13.9	1.99	8.88	2.58	0.806	2.95	0.52	3.49	0.75	2.22
GAT-77-154	29	741	8.0	90	4.3	< 2	< 0.5	< 0.1	< 1	1.0	1.2	1198	11.7	23.0	2.71	9.66	2.00	0.649	1.52	0.24	1.34	0.27	0.76
GAT-77-155C	36	598	6.6	90	3.8	< 2	< 0.5	< 0.1	< 1	2.0	8.2	1257	8.86	17.6	2.05	7.78	1.56	0.473	1.30	0.18	1.06	0.20	0.60
GAT-77-156G	3	241	19.6	53	3.6	< 2	< 0.5	< 0.1	< 1	0.6	< 0.1	111	4.93	11.8	1.71	8.27	2.52	0.961	3.05	0.53	3.41	0.71	2.10
GAT-77-158B	< 1	74	12.5	26	1.1	< 2	< 0.5	< 0.1	< 1	0.4	< 0.1	23	1.16	3.09	0.50	2.25	0.79	0.422	1.27	0.25	1.84	0.46	1.50
GAT-77-159B	< 1	33	21.9	80	2.3	< 2	< 0.5	< 0.1	< 1	0.4	< 0.1	10	3.23	10.2	1.66	8.60	2.85	0.619	3.53	0.67	4.24	0.89	2.56
GAT-77-159E	< 1	19	13.4	28	0.8	< 2	< 0.5	< 0.1	< 1	0.4	< 0.1	25	1.32	3.56	0.60	3.02	1.18	0.416	1.60	0.31	2.15	0.49	1.52
GAT-77-159F	14	254	13.9	33	1.1	< 2	< 0.5	< 0.1	< 1	0.7	0.9	337	2.83	7.24	1.13	5.44	1.82	0.615	2.04	0.37	2.40	0.50	1.45
GAT-77-161A	13	493	28.7	102	3.7	< 2	< 0.5	< 0.1	< 1	0.6	0.4	353	7.61	18.5	2.71	12.5	3.77	1.23	4.32	0.76	4.95	1.04	3.08
GAT-77-166E	7	221	10.6	14	0.6	< 2	< 0.5	< 0.1	< 1	0.5	0.1	190	0.83	1.74	0.34	1.82	0.67	0.327	0.93	0.21	1.50	0.35	1.12
GAT-77-167D	< 1	21	7.9	12	0.4	< 2	< 0.5	< 0.1	< 1	0.3	< 0.1	3	0.55	1.55	0.26	1.42	0.62	0.355	0.91	0.18	1.26	0.29	0.88
GAT-77-183	68	309	13.2	50	1.7	< 2	< 0.5	< 0.1	< 1	0.4	1.1	646	9.29	19.9	2.59	11.0	2.69	0.954	2.66	0.38	2.33	0.47	1.35
GAT-77-183A	61	349	14.1	51	1.7	< 2	< 0.5	< 0.1	< 1	0.5	1.2	288	8.64	19.1	2.57	10.6	2.64	0.869	2.63	0.41	2.46	0.51	1.47
GAT-77-183B	68	215	12.3	58	2.0	< 2	< 0.5	< 0.1	< 1	0.5	0.3	622	9.51	20.3	2.65	11.2	2.69	0.862	2.52	0.39	2.26	0.44	1.28
GAT-77-183C	26	127	14.3	56	2.1	< 2	< 0.5	< 0.1	< 1	0.4	0.1	204	8.23	17.9	2.41	10.2	2.41	0.850	2.38	0.40	2.43	0.49	1.39
GAT-77-185C	56	150	27.8	119	1.6	< 2	< 0.5	< 0.1	< 1	< 0.2	0.4	849	7.83	15.8	2.60	11.5	3.35	0.950	3.80	0.66	4.26	0.96	3.04
GAT-77-185G	39	129	36.5	159	1.8	< 2	< 0.5	< 0.1	< 1	0.4	0.3	629	9.61	18.7	3.26	14.6	4.01	1.18	4.71	0.88	5.76	1.27	4.08
GAT-77-186C	17	199	45.8	150	1.7	< 2	< 0.5	< 0.1	< 1	0.4	< 0.1	147	6.69	19.9	2.98	14.1	4.21	0.838	5.42	1.06	7.22	1.59	5.10
GAT-77-186E	13	28	36.9	155	1.5	< 2	< 0.5	< 0.1	< 1	0.3	< 0.1	123	4.43	14.4	2.27	10.7	3.38	0.611	4.09	0.82	5.67	1.27	4.21
GAT-77-186I	37	84	20.1	70	1.1	< 2	< 0.5	< 0.1	< 1	0.3	0.2	664	2.49	7.32	1.14	5.55	1.67	0.347	2.22	0.46	3.02	0.66	2.13
GAT-77-187A	44	146	52.3	156	1.7	< 2	< 0.5	0.2	1	0.4	0.3	2023	8.15	22.6	3.67	18.6	5.82	1.57	6.52	1.19	8.00	1.80	5.79
GAT-77-189D	67	272	22.0	88	2.7	2	< 0.5	< 0.1	< 1	0.3	1.8	808	13.2	28.6	3.81	16.5	4.02	1.22	3.82	0.59	3.68	0.77	2.35
GAT-77-189G	< 1	140	16.4	34	0.8	< 2	< 0.5	< 0.1	< 1	0.5	< 0.1	15	2.36	6.70	1.15	6.32	2.20	0.903	2.47	0.45	2.85	0.60	1.82
GAT-77-190C	8	58	23.8	80	1.0	< 2	< 0.5	< 0.1	< 1	0.5	< 0.1	132	3.28	9.67	1.48	7.08	2.42	0.649	2.97	0.55	3.82	0.84	2.59
GAT-77-192D	8	103	21.7	41	0.6	< 2	< 0.5	< 0.1	< 1	0.4	< 0.1	107	4.83	12.2	1.67	7.29	2.03	0.641	2.54	0.45	3.17	0.72	2.25
GAT-77-195A	59	239	16.2	51	1.4	2	< 0.5	< 0.1	< 1	0.4	0.1	1009	8.69	19.2	2.66	11.8	2.95	1.06	3.15	0.47	2.92	0.58	1.71
GAT-77-195E	79	359	23.6	77	1.9	< 2	< 0.5	< 0.1	< 1	0.2	1.2	1033	11.7	25.8	3.48	15.6	3.75	1.24	3.65	0.61	3.92	0.82	2.45
GAT-77-196B	64	1117	15.4	59	2.2	< 2	< 0.5	< 0.1	< 1	0.4	1.3	601	12.6	26.1	3.34	13.5	3.05	1.10	2.86	0.44	2.71	0.53	1.63
GAT-77-196C	66	638	14.7	59	2.1	< 2	< 0.5	< 0.1	< 1	0.3	1.3	574	12.0	24.7	3.21	12.9	2.97	0.933	2.63	0.42	2.51	0.51	1.53
GAT-77-19B	< 1	47	20.5	50	1.0	< 2	< 0.5	< 0.1	< 1	0.3	< 0.1	9	1.91	6.63	1.16	6.37	2.30	0.977	2.98	0.50	3.46	0.78	2.21
GAT-77-2	27	466	1.1	30	0.9	< 2	< 0.5	< 0.1	< 1	0.2	0.5	734	2.34	4.20	0.53	1.88	0.42	0.144	0.32	0.03	0.19	0.05	0.14
GAT-77-205A	9	64	35.1	127	13.4	2	< 0.5	0.1	< 1	0.3	0.1	283	11.1	27.3	4.01	18.3	4.82	1.99	5.36	0.93	5.82	1.26	3.74
GAT-77-208C	23	494	20.6	74	2.2	< 2	< 0.5	< 0.1	< 1	0.9	0.5	448	8.79	18.4	2.52	11.3	2.98	1.15	3.22	0.55	3.42	0.74	2.21
GAT-77-209B	14	63	23.5	40	2.0	< 2	< 0.5	< 0.1	< 1	0.3	0.1	441	1.72	4.93	0.83	4.76	1.83	0.678	2.70	0.53	3.65	0.83	2.53
GAT-77-210A	9	440	33.1	225	7.6	< 2	< 0.5	0.1	2	0.6	< 0.1	358	16.8	38.5	5.09	21.4	5.27	1.81	5.56	0.91	5.88	1.18	3.45
GAT-77-210B	2	141	21.4	130	4.5	15	< 0.5	< 0.1	< 1	1.3	< 0.1	165	21.3	45.9	5.81	24.0	5.67	1.79	4.79	0.69	3.85	0.73	2.10
GAT-77-211C	< 1	209	34.8	94	1.2	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	22	3.15	11.2	2.12	11.8	4.14	1.48	5.82	1.02	6.48	1.34	4.00
GAT-77-211D	55	435	23.7	85	3.8	< 2	< 0.5	< 0.1	< 1	0.3	0.9	698	19.3	39.9	5.32	22.2	5.16	1.50	5.30	0.78	4.65	0.92	2.70

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.5	1	0.2	2	0.5	0.1	1	0.2	0.1	3	0.05	0.05	0.01	0.05	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FUS-MS	FUS-ICP	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
GAT-77-213A	19	69	16.8	76	2.9	< 2	< 0.5	< 0.1	< 1	< 0.2	0.2	1192	17.0	32.5	3.91	14.0	2.67	0.463	2.69	0.44	2.87	0.62	1.97
GAT-77-213B	46	129	36.5	1528	140	< 2		< 0.1	9	0.5	0.3	85	121	208	20.3	56.4	8.11	0.332	6.09	1.01	6.15	1.32	4.40
GAT-77-215	68	162	51.8	257	14.6	< 2	0.6	0.1	2	< 0.2	1.0	928	21.7	50.5	7.11	29.4	7.13	1.78	8.03	1.40	9.54	2.05	6.64
GAT-77-218D	< 1	168	47.7	127	2.6	< 2	< 0.5	0.2	2	< 0.2	< 0.1	35	5.37	17.9	3.48	17.9	6.44	2.83	8.59	1.46	9.28	1.91	5.47
GAT-77-227A	23	466	7.7	62	3.4	< 2	< 0.5	< 0.1	< 1	0.6	0.4	525	9.48	18.9	2.46	9.37	1.93	0.526	1.65	0.24	1.30	0.25	0.73
GAT-77-232E	22	373	7.3	74	2.8	< 2	< 0.5	< 0.1	< 1	0.6	0.4	593	8.66	18.6	2.47	9.87	2.00	0.570	1.79	0.25	1.38	0.26	0.73
GAT-77-243	< 1	10	2.0	4	< 0.2	< 2	< 0.5	< 0.1	< 1	0.5	< 0.1	158	0.17	0.45	0.10	0.47	0.29	0.077	0.38	0.08	0.47	0.08	0.21
GAT-77-7	11	541	31.8	123	3.4	< 2	< 0.5	< 0.1	< 1	0.3	0.3	345	11.5	25.7	3.84	17.6	4.51	1.52	5.70	0.99	6.14	1.24	3.66
GAT-77-8	2	32	56.7	233	22.2	< 2	< 0.5	0.1	5	< 0.2	0.2	34	30.9	84.8	9.86	39.2	9.28	1.14	9.69	1.71	11.1	2.35	7.52
GAT-77-83	< 1	130	25.1	65	1.3	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	18	3.56	10.0	1.82	9.57	3.13	1.64	4.23	0.75	4.82	0.98	2.86
GAT-77-85C	< 1	262	27.3	75	1.7	< 2	< 0.5	< 0.1	2	< 0.2	< 0.1	24	4.44	13.5	2.26	11.0	3.56	1.33	4.62	0.81	5.27	1.05	3.10
GAT-77-86C	2	54	39.0	117	1.2	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	77	4.87	13.4	2.20	11.1	3.58	0.903	4.87	0.93	6.35	1.45	4.70
GAT-77-88B	< 1	140	19.7	36	0.3	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	14	2.33	5.46	1.06	5.79	1.96	0.809	2.91	0.49	3.21	0.67	2.04
GAT-77-98D	< 1	49	21.7	47	0.3	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	26	1.88	6.31	1.23	6.93	2.31	0.982	3.64	0.64	4.16	0.87	2.54
GAT-78-301E	22	554	26.4	76	1.9	< 2	< 0.5	< 0.1	< 1	< 0.2	0.5	423	12.1	27.8	4.04	18.2	4.59	1.50	5.09	0.81	5.07	1.03	3.07
GAT-78-309	21	14	2.4	13	0.5	< 2	< 0.5	< 0.1	< 1	1.5	0.7	241	3.31	7.30	0.91	3.56	0.66	0.136	0.49	0.07	0.43	0.09	0.28
GAT-78-310A	< 1	10	0.9	< 1	< 0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	12	0.57	0.27	0.11	0.34	0.08	0.022	0.06	0.02	0.10	0.02	0.05
GAT-78-311A	23	194	23.7	82	8.3	< 2	< 0.5	< 0.1	< 1	0.3	1.2	180	9.10	19.3	2.78	12.1	3.45	1.15	4.30	0.75	4.75	0.96	2.80
GAT-78-311E	15	388	29.3	206	44.1	< 2	< 0.5	< 0.1	1	< 0.2	0.9	484	34.9	73.1	9.26	35.6	7.59	2.32	7.42	1.13	6.39	1.21	3.30
GAT-78-314A	6	82	6.7	34	2.7	< 2	< 0.5	< 0.1	< 1	< 0.2	0.2	203	6.20	13.1	1.77	6.33	1.29	0.279	1.39	0.24	1.50	0.30	0.92
GAT-78-314C	3	119	8.1	40	1.7	< 2	< 0.5	< 0.1	< 1	< 0.2	0.1	295	4.92	10.9	1.68	6.66	1.72	0.417	1.77	0.28	1.69	0.33	1.03
GAT-78-315A	67	230	12.7	27	0.4	< 2	< 0.5	< 0.1	< 1	0.3	2.0	659	3.21	8.09	1.31	6.46	1.86	0.617	2.39	0.40	2.50	0.49	1.43
GAT-78-317A	52	26	21.1	109	2.4	3	< 0.5	< 0.1	< 1	0.6	1.5	2258	11.8	29.1	3.96	16.3	3.86	0.657	4.09	0.67	4.19	0.88	2.85
GAT-78-318D	22	792	4.1	76	2.7	< 2	< 0.5	< 0.1	< 1	0.4	1.3	2152	4.83	9.49	1.19	4.27	0.84	0.280	0.81	0.11	0.59	0.13	0.46
GAT-78-321	7	170	15.4	116	2.0	< 2	< 0.5	< 0.1	< 1	0.3	< 0.1	93	9.53	19.5	2.42	9.64	2.20	0.812	2.41	0.41	2.64	0.56	1.79
GAT-78-325D	39	407	12.5	122	5.7	< 2	< 0.5	< 0.1	< 1	1.1	1.4	1702	15.9	32.6	4.10	15.0	2.77	0.821	2.50	0.39	2.38	0.49	1.49
GAT-78-331C	17	493	34.3	271	16.0	< 2	0.6	< 0.1	2	1.2	1.1	479	25.5	56.3	7.37	28.9	6.42	1.91	6.57	1.09	6.81	1.32	3.96
GAT-78-331E	8	398	6.2	63	3.4	< 2	< 0.5	< 0.1	< 1	1.0	0.6	1862	8.73	17.0	2.06	7.25	1.34	0.545	1.25	0.18	1.07	0.21	0.60
GAT-78-331F	27	485	25.5	192	12.2	< 2	< 0.5	< 0.1	< 1	0.9	0.6	609	19.1	41.5	5.55	22.2	4.83	1.64	5.36	0.83	4.88	1.02	2.95
GAT-78-332C	64	370	6.6	100	4.0	< 2	< 0.5	< 0.1	< 1	0.9	2.0	1699	10.1	20.4	2.51	8.95	1.74	0.543	1.52	0.21	1.24	0.25	0.72
GAT-78-334	43	83	12.8	15	< 0.2	< 2	< 0.5	< 0.1	< 1	0.4	1.9	310	0.57	1.54	0.29	1.63	0.78	0.312	1.47	0.31	2.33	0.51	1.58
GAT-78-337B	< 1	133	25.7	69	0.3	< 2	< 0.5	< 0.1	< 1	< 0.2	0.1	296	2.07	6.11	1.08	6.13	2.10	0.589	3.57	0.66	4.49	0.98	3.14
GAT-78-341A	73	137	21.3	53	33.4	< 2	< 0.5	< 0.1	3	0.7	1.5	169	1.68	3.65	0.58	2.20	1.14	0.168	1.84	0.41	2.97	0.64	1.99
GAT-78-344C	77	761	17.2	62	1.9	< 2	< 0.5	< 0.1	< 1	< 0.2	2.0	564	11.9	26.2	3.72	15.7	3.65	1.23	3.88	0.56	3.34	0.66	1.99
GAT-78-345E	80	591	16.1	61	1.5	2	< 0.5	< 0.1	< 1	< 0.2	2.2	503	9.10	20.9	3.04	12.6	3.07	1.00	3.34	0.52	3.07	0.61	1.79
GAT-78-348	56	447	12.6	49	1.2	< 2	< 0.5	< 0.1	< 1	0.3	0.4	714	9.41	22.0	3.18	13.6	3.09	0.991	3.22	0.48	2.73	0.52	1.48
GAT-78-348B	111	145	20.7	83	2.7	2	< 0.5	< 0.1	< 1	< 0.2	1.8	800	16.5	32.0	4.75	19.6	4.28	0.990	4.37	0.65	3.93	0.78	2.41
GAT-78-349	91	862	14.7	63	1.7	< 2	< 0.5	< 0.1	< 1	< 0.2	2.4	1039	13.4	28.0	3.73	15.1	3.38	1.08	3.60	0.52	2.92	0.57	1.68
GAT-78-349B	105	525	15.8	50	1.2	< 2	< 0.5	< 0.1	2	0.4	3.4	880	10.6	23.6	3.32	14.4	3.56	1.09	3.63	0.52	3.23	0.60	1.75
GAT-78-351	< 1	2	7.9	36	< 0.2	< 2	< 0.5	0.2	< 1	0.6	< 0.1	6	2.46	6.86	1.25	6.14	2.10	0.843	2.36	0.33	1.85	0.35	1.00
GAT-78-352	3	72	29.5	94	0.8	< 2	< 0.5	< 0.1	< 1	0.4	0.3	31	3.83	11.1	1.81	8.73	2.96	0.837	4.25	0.79	5.26	1.13	3.67
GAT-78-357	< 1	28	20.7	61	< 0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	38	2.66	6.84	1.51	7.27	2.44	0.791	3.13	0.55	3.51	0.77	2.31
GAT-78-357B	< 1	440	23.4	35	< 0.2	< 2	< 0.5	0.1	< 1	1.2	< 0.1	18	3.44	9.62	1.64	8.68	2.92	1.20	4.12	0.68	4.28	0.87	2.59
GAT-78-358B	< 1	118	15.7	28	< 0.2	< 2	< 0.5	< 0.1	< 1	0.3	< 0.1	30	1.65	4.92	0.88	4.45	1.66	0.767	2.47	0.46	3.08	0.65	1.99
GAT-78-360	< 1	24	27.2	130	0.6	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	19	0.88	4.59	0.52	2.91	1.24	0.264	2.33	0.54	4.30	1.09	4.05
GAT-78-360A	< 1	261	42.4	21	0.3	< 2	< 0.5	0.6	1	0.7	< 0.1	18	2.98	9.21	1.66	8.15	2.77	1.38	4.09	0.91	6.70	1.52	4.40
GAT-78-362C	4	66	29.4	93	0.9	< 2	< 0.5	< 0.1	< 1	0.5	0.1	52	5.12	13.5	2.13	10.3	3.25	0.923	4.04	0.74	5.19	1.09	3.38
GAT-78-368A	< 1	129	20.9	48	0.5	< 2	< 0.5	< 0.1	< 1	0.4	< 0.1	41	2.58	7.83	1.41	7.14	2.36	0.925	3.10	0.58	3.88	0.79	2.39
GAT-78-368B	5	31	18.3	45	0.5	< 2	< 0.5	< 0.1	< 1	0.3	0.2	222	2.13	6.31	1.18	6.35	2.15	0.932	2.72	0.49	3.22	0.69	2.04
GAT-78-369A	2	17	61.6	232	3.1	< 2	< 0.5	0.1	2	0.6	0.1	32	10.7	31.9	4.56	22.5	6.88	2.01	8.02	1.50	10.6	2.28	7.09

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.5	1	0.2	2	0.5	0.1	1	0.2	0.1	3	0.05	0.05	0.01	0.05	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FUS-MS	FUS-ICP	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
GA-79-102A	15	667	17.1	159	5.3	4	< 0.5	< 0.1	3	0.5	0.5	1118	13.2	29.5	3.87	16.2	3.71	1.18	3.20	0.50	3.01	0.62	1.84
GA-79-102B	521	5	87.9	253	181	4	< 0.5	< 0.1	12	1.1	10.6	19	30.4	72.4	8.05	26.3	6.81	0.063	6.41	1.41	9.88	2.32	8.32
GA-79-103	108	551	22.0	180	23.6	3	< 0.5	< 0.1	3	0.6	4.2	1028	33.3	66.5	8.11	31.3	6.21	1.55	4.82	0.71	3.88	0.78	2.36
GA-79-67	183	186	52.8	290	25.3	5	< 0.5	0.1	6	0.6	2.6	948	65.7	136	15.9	60.3	11.9	2.66	10.00	1.63	9.96	1.97	5.56
GA-79-81	50	536	29.5	268	17.5	3	< 0.5	< 0.1	3	0.6	1.2	1413	43.4	83.5	9.51	34.7	6.36	1.68	5.33	0.84	5.32	1.06	3.14
GA-80-29	184	115	45.8	149	8.9	4	< 0.5	< 0.1	3	0.5	2.5	588	47.6	98.0	11.2	38.2	8.10	1.08	6.43	1.21	7.97	1.73	5.37
GA-80-29A	215	136	42.1	197	11.7	5	< 0.5	< 0.1	4	0.6	5.3	684	50.9	104	12.1	42.2	8.53	1.24	7.11	1.25	7.59	1.55	4.84
GA-80-29b	226	103	42.6	138	13.2	4	< 0.5	< 0.1	4	0.5	3.6	660	66.4	139	16.0	54.1	10.6	1.00	8.18	1.28	7.81	1.52	4.45
GGA-81-14E2	22	92	38.8	118	3.0	< 2	< 0.5	0.1	1	0.7	0.5	1855	4.82	14.3	2.42	12.5	4.26	1.57	5.34	1.00	6.90	1.51	4.42
GGA-81-15B4	9	178	16.8	87	7.1	< 2	< 0.5	< 0.1	< 1	0.6	1.0	190	13.0	28.2	3.70	15.8	3.63	1.14	3.35	0.54	3.27	0.67	1.93
GGA-81-15C1	6	269	12.1	37	2.7	< 2	< 0.5	< 0.1	< 1	0.7	0.5	179	3.76	8.42	1.21	5.61	1.61	0.638	1.83	0.33	2.19	0.47	1.36
GGA-81-16B1	12	65	13.7	45	4.1	< 2	< 0.5	< 0.1	< 1	0.4	0.7	185	5.26	11.3	1.52	6.72	1.87	0.689	2.24	0.41	2.56	0.52	1.54
GGA-81-18A3	30	69	17.5	97	10.8	< 2	< 0.5	< 0.1	< 1	0.3	1.3	574	20.3	41.6	4.93	19.7	3.88	1.01	3.48	0.53	3.31	0.69	1.89
GGA-81-19A3	4	352	24.9	114	4.8	< 2	< 0.5	< 0.1	1	0.6	1.0	232	12.6	27.9	3.86	16.8	4.21	1.30	4.09	0.70	4.55	0.96	2.90
GGA-81-4D1	4	421	31.2	114	8.0	< 2	< 0.5	< 0.1	1	0.4	0.2	83	7.97	19.9	3.07	14.3	4.49	1.68	4.98	0.90	5.72	1.19	3.60
GGA-81-8A1	46	241	26.0	185	17.5	< 2	< 0.5	< 0.1	2	0.5	4.7	929	23.3	47.8	5.94	24.3	5.43	1.45	4.48	0.76	4.76	0.97	2.91
GAT-77-211C	4	128	51.8	345	16.2	< 2	0.5	0.2	7	0.6	1.0	307	27.0	63.4	8.50	36.4	9.45	2.92	9.42	1.53	9.65	2.01	5.89
GAT-78-348A	71	486	11.5	52	1.7	< 2	< 0.5	< 0.1	< 1	0.4	1.3	612	10.3	21.6	2.90	12.2	2.79	0.842	2.43	0.38	2.28	0.44	1.31

Results

Analyte Symbol	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.01	0.002	0.1	0.01	0.5	0.05	5	0.1	0.05	0.01
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
GAT-77-1	0.431	2.90	0.439	2.8	0.22	1.1	0.32	7	0.1	3.76	1.26
GAT-77-100C	0.081	0.51	0.091	0.8	0.11	1.9	0.10	6	< 0.1	1.07	0.73
GAT-77-12	0.303	1.98	0.286	1.3	0.06	1.0	< 0.05	< 5	< 0.1	0.88	0.54
GAT-77-141A	0.096	0.64	0.098	0.5	0.15	1.3	< 0.05	< 5	< 0.1	1.35	0.57
GAT-77-141C	0.350	2.21	0.308	2.6	0.98	0.9	< 0.05	< 5	< 0.1	1.51	0.42
GAT-77-147A	0.282	1.94	0.283	4.3	0.23	0.8	< 0.05	< 5	< 0.1	4.87	1.44
GAT-77-148B	0.106	0.63	0.094	0.5	0.07	1.1	< 0.05	< 5	< 0.1	1.09	0.44
GAT-77-149D	0.031	0.19	0.023	2.9	0.75	1.5	0.31	< 5	< 0.1	4.72	1.11
GAT-77-150C	0.070	0.39	0.057	3.5	0.75	1.3	0.39	10	0.2	7.70	3.06
GAT-77-150D	0.393	2.71	0.419	2.2	3.69	1.9	0.91	27	0.4	14.7	7.59
GAT-77-150G	0.157	0.99	0.142	3.4	0.79	1.7	0.10	6	< 0.1	4.95	1.08
GAT-77-151C	0.328	2.15	0.346	1.5	0.08	0.7	< 0.05	< 5	< 0.1	1.11	1.11
GAT-77-154	0.109	0.70	0.113	2.0	0.20	0.9	< 0.05	6	0.2	1.57	1.04
GAT-77-155C	0.088	0.59	0.097	1.9	0.18	1.3	< 0.05	5	< 0.1	1.43	0.97
GAT-77-156G	0.317	2.11	0.326	1.2	0.19	1.8	< 0.05	< 5	< 0.1	0.70	0.70
GAT-77-158B	0.233	1.59	0.254	0.6	< 0.01	< 0.5	< 0.05	< 5	< 0.1	< 0.05	0.09
GAT-77-159B	0.373	2.43	0.354	1.8	0.07	< 0.5	< 0.05	< 5	< 0.1	0.30	0.18
GAT-77-159E	0.228	1.53	0.231	0.7	< 0.01	1.4	< 0.05	< 5	< 0.1	< 0.05	0.10
GAT-77-159F	0.209	1.38	0.223	0.7	< 0.01	1.5	< 0.05	< 5	< 0.1	0.44	0.39
GAT-77-161A	0.443	2.88	0.458	2.1	0.18	< 0.5	< 0.05	6	< 0.1	1.07	1.10
GAT-77-166E	0.177	1.18	0.179	0.4	< 0.01	1.3	< 0.05	< 5	< 0.1	0.06	0.18
GAT-77-167D	0.128	0.83	0.130	0.3	< 0.01	1.5	< 0.05	< 5	< 0.1	< 0.05	0.02
GAT-77-183	0.209	1.40	0.211	1.1	0.04	1.6	< 0.05	< 5	< 0.1	1.55	0.85
GAT-77-183A	0.214	1.39	0.224	1.2	0.04	< 0.5	0.07	10	< 0.1	1.77	0.85
GAT-77-183B	0.183	1.15	0.179	1.2	0.06	0.5	< 0.05	6	< 0.1	1.71	0.68
GAT-77-183C	0.203	1.31	0.210	1.3	0.05	0.8	< 0.05	7	< 0.1	1.66	0.84
GAT-77-185C	0.489	3.41	0.597	2.6	0.05	1.1	< 0.05	< 5	< 0.1	0.78	1.13
GAT-77-185G	0.638	4.49	0.713	3.9	0.08	< 0.5	< 0.05	7	< 0.1	1.27	1.30
GAT-77-186C	0.796	5.47	0.851	4.0	0.07	0.5	< 0.05	< 5	< 0.1	1.20	1.09
GAT-77-186E	0.686	4.72	0.743	3.9	0.05	1.6	< 0.05	< 5	< 0.1	1.08	0.96
GAT-77-186I	0.335	2.28	0.391	1.9	0.03	1.0	1.68	< 5	< 0.1	0.42	0.90
GAT-77-187A	0.903	5.98	0.958	3.9	0.05	1.0	7.75	7	< 0.1	0.60	1.36
GAT-77-189D	0.338	2.22	0.336	2.0	0.09	< 0.5	0.68	< 5	< 0.1	2.34	1.51
GAT-77-189G	0.268	1.63	0.254	0.9	< 0.01	1.7	< 0.05	< 5	< 0.1	< 0.05	0.10
GAT-77-190C	0.401	2.73	0.422	2.0	< 0.01	1.1	< 0.05	< 5	< 0.1	0.48	0.52
GAT-77-192D	0.346	2.32	0.384	1.1	< 0.01	1.9	< 0.05	< 5	< 0.1	1.31	2.80
GAT-77-195A	0.247	1.58	0.244	1.3	0.05	2.2	< 0.05	< 5	< 0.1	1.34	0.54
GAT-77-195E	0.341	2.07	0.297	1.7	0.04	1.7	< 0.05	< 5	< 0.1	2.11	0.86
GAT-77-196B	0.244	1.51	0.217	1.4	0.06	1.4	< 0.05	10	< 0.1	2.53	1.13
GAT-77-196C	0.230	1.42	0.215	1.2	0.05	< 0.5	< 0.05	8	< 0.1	2.48	1.21
GAT-77-19B	0.295	2.04	0.286	1.1	< 0.01	2.1	< 0.05	< 5	< 0.1	< 0.05	0.05
GAT-77-2	0.020	0.13	0.021	0.6	0.01	0.9	< 0.05	< 5	< 0.1	0.43	0.36
GAT-77-205A	0.535	3.42	0.542	2.6	0.76	< 0.5	< 0.05	< 5	< 0.1	0.73	0.61
GAT-77-208C	0.322	2.06	0.333	1.7	0.04	< 0.5	< 0.05	< 5	< 0.1	1.25	0.70
GAT-77-209B	0.392	2.51	0.407	1.0	0.03	< 0.5	< 0.05	< 5	< 0.1	0.06	0.06
GAT-77-210A	0.528	3.37	0.499	4.3	0.43	1.1	< 0.05	< 5	< 0.1	1.45	0.59
GAT-77-210B	0.311	2.19	0.362	2.6	0.19	11.1	< 0.05	< 5	< 0.1	2.65	1.20
GAT-77-211C	0.568	3.49	0.527	2.6	0.07	1.0	< 0.05	< 5	< 0.1	0.11	0.33
GAT-77-211D	0.379	2.33	0.345	2.3	0.19	3.5	0.16	6	< 0.1	2.94	1.10

Analyte Symbol	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.01	0.002	0.1	0.01	0.5	0.05	5	0.1	0.05	0.01
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
GAT-77-213A	0.311	2.14	0.348	2.5	0.26	1.5	0.07	< 5	< 0.1	4.50	1.37
GAT-77-213B	0.701	4.89	0.735	26.0	16.5	2.0	0.11	< 5	< 0.1	20.2	5.45
GAT-77-215	1.00	6.46	0.965	6.7	0.89	1.0	0.13	< 5	< 0.1	3.59	1.39
GAT-77-218D	0.767	4.78	0.704	3.8	0.10	0.5	< 0.05	< 5	< 0.1	0.20	0.14
GAT-77-227A	0.116	0.76	0.114	2.0	0.20	2.2	0.12	7	< 0.1	2.12	0.97
GAT-77-232E	0.108	0.66	0.103	2.3	0.21	0.9	0.08	8	< 0.1	1.57	0.77
GAT-77-243	0.026	0.14	0.018	< 0.1	< 0.01	10.2	< 0.05	< 5	< 0.1	< 0.05	1.02
GAT-77-7	0.536	3.53	0.516	3.3	0.24	0.8	< 0.05	< 5	< 0.1	1.15	0.85
GAT-77-8	1.19	8.19	1.22	8.1	1.98	0.5	< 0.05	< 5	< 0.1	6.46	0.88
GAT-77-83	0.407	2.46	0.361	1.8	0.08	0.7	< 0.05	< 5	< 0.1	0.14	0.13
GAT-77-85C	0.456	2.90	0.425	2.1	0.11	< 0.5	< 0.05	< 5	< 0.1	0.28	0.17
GAT-77-86C	0.753	4.96	0.799	3.8	0.07	< 0.5	< 0.05	< 5	< 0.1	0.67	0.63
GAT-77-88B	0.287	1.76	0.266	1.2	0.03	< 0.5	< 0.05	< 5	< 0.1	0.11	0.12
GAT-77-98D	0.367	2.28	0.356	1.5	0.03	0.8	< 0.05	< 5	0.2	0.07	0.06
GAT-78-301E	0.437	2.83	0.422	2.2	0.16	< 0.5	< 0.05	< 5	< 0.1	2.58	0.60
GAT-78-309	0.043	0.27	0.042	0.3	0.06	0.6	0.06	< 5	< 0.1	0.81	0.34
GAT-78-310A	0.007	0.04	0.007	< 0.1	< 0.01	< 0.5	< 0.05	< 5	< 0.1	< 0.05	0.69
GAT-78-311A	0.394	2.48	0.382	2.3	0.61	2.4	0.06	< 5	< 0.1	0.80	0.39
GAT-78-311E	0.444	2.61	0.392	5.1	3.16	1.1	< 0.05	< 5	< 0.1	3.82	3.20
GAT-78-314A	0.136	0.88	0.136	0.9	0.16	< 0.5	< 0.05	< 5	< 0.1	2.02	0.47
GAT-78-314C	0.157	0.97	0.147	1.0	0.13	< 0.5	< 0.05	< 5	< 0.1	1.49	0.37
GAT-78-315A	0.206	1.30	0.206	0.8	0.02	< 0.5	0.13	< 5	< 0.1	0.59	0.35
GAT-78-317A	0.437	3.05	0.503	3.1	0.17	1.3	0.61	< 5	0.1	1.61	0.54
GAT-78-318D	0.069	0.44	0.072	2.3	0.21	0.9	0.20	7	0.1	0.84	0.73
GAT-78-321	0.282	2.03	0.350	3.2	0.24	< 0.5	< 0.05	< 5	< 0.1	2.18	0.65
GAT-78-325D	0.227	1.53	0.228	3.2	0.59	< 0.5	0.19	6	< 0.1	3.13	1.65
GAT-78-331C	0.570	3.72	0.552	6.0	1.13	1.5	0.10	5	< 0.1	3.92	1.71
GAT-78-331E	0.089	0.64	0.101	1.9	0.29	2.2	< 0.05	13	< 0.1	1.41	0.89
GAT-78-331F	0.403	2.41	0.382	4.1	0.76	0.6	0.09	< 5	< 0.1	1.97	0.83
GAT-78-332C	0.108	0.75	0.116	2.8	0.24	8.0	0.34	< 5	< 0.1	1.54	0.71
GAT-78-334	0.243	1.66	0.280	0.5	0.01	< 0.5	0.27	< 5	< 0.1	0.05	0.04
GAT-78-337B	0.471	3.27	0.509	2.1	0.02	1.1	< 0.05	< 5	< 0.1	0.12	0.12
GAT-78-341A	0.328	2.28	0.375	3.5	3.85	2.3	0.27	45	< 0.1	13.4	5.17
GAT-78-344C	0.295	1.88	0.283	1.9	0.11	0.9	0.11	8	< 0.1	2.42	1.20
GAT-78-345E	0.246	1.54	0.243	1.8	0.11	1.1	0.08	5	< 0.1	2.16	1.09
GAT-78-348	0.211	1.39	0.219	1.6	0.11	2.3	< 0.05	< 5	< 0.1	1.75	0.91
GAT-78-348B	0.352	2.28	0.339	2.4	0.21	1.2	0.11	< 5	< 0.1	3.73	2.35
GAT-78-349	0.252	1.56	0.231	1.7	0.14	1.6	< 0.05	8	< 0.1	2.92	1.35
GAT-78-349B	0.246	1.48	0.235	1.7	0.10	3.0	0.06	6	< 0.1	2.12	1.00
GAT-78-351	0.153	1.02	0.175	1.2	0.03	2.9	< 0.05	< 5	0.2	0.10	0.42
GAT-78-352	0.570	3.81	0.598	3.0	0.10	1.1	< 0.05	< 5	< 0.1	0.61	0.62
GAT-78-357	0.338	2.18	0.335	2.1	0.04	1.3	< 0.05	< 5	< 0.1	0.28	0.60
GAT-78-357B	0.362	2.22	0.337	1.1	0.02	1.7	< 0.05	9	0.3	0.09	0.19
GAT-78-358B	0.286	1.67	0.251	0.9	< 0.01	1.0	< 0.05	< 5	< 0.1	0.11	0.10
GAT-78-360	0.704	5.08	0.828	4.0	0.07	2.4	< 0.05	< 5	< 0.1	0.49	0.54
GAT-78-360A	0.612	3.60	0.547	0.6	< 0.01	2.2	< 0.05	7	0.4	0.09	2.31
GAT-78-362C	0.510	3.55	0.570	2.2	0.06	1.8	< 0.05	< 5	< 0.1	0.61	0.66
GAT-78-368A	0.350	2.19	0.349	1.3	0.03	1.4	< 0.05	< 5	< 0.1	0.10	0.08
GAT-78-368B	0.296	1.80	0.293	1.1	0.02	1.1	0.13	< 5	< 0.1	0.10	0.05
GAT-78-369A	1.06	7.03	1.15	5.3	0.28	2.7	< 0.05	< 5	< 0.1	1.13	0.85

Analyte Symbol	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.01	0.002	0.1	0.01	0.5	0.05	5	0.1	0.05	0.01
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
GA-79-102A	0.285	1.89	0.299	3.5	0.30	2.0	0.08	5	< 0.1	1.21	1.03
GA-79-102B	1.61	12.5	2.12	13.2	46.4	10.7	1.22	16	< 0.1	76.5	13.7
GA-79-103	0.360	2.33	0.376	4.5	1.64	1.4	1.01	5	0.1	14.1	4.17
GA-79-67	0.816	5.09	0.746	6.2	2.31	1.5	0.80	30	0.2	22.5	6.98
GA-79-81	0.466	3.08	0.491	5.4	0.87	2.3	0.43	8	0.1	7.58	2.88
GA-80-29	0.812	5.16	0.793	3.8	0.54	1.3	0.78	27	< 0.1	22.7	4.20
GA-80-29A	0.700	4.15	0.650	4.7	0.68	2.2	0.95	30	< 0.1	22.5	3.17
GA-80-29b	0.631	3.84	0.554	3.4	0.69	2.6	1.01	24	< 0.1	32.0	3.66
GGA-81-14E2	0.656	4.03	0.650	2.8	0.15	1.8	0.23	< 5	< 0.1	0.31	0.18
GGA-81-15B4	0.265	1.61	0.255	1.8	0.45	1.8	0.07	< 5	< 0.1	1.20	0.53
GGA-81-15C1	0.208	1.33	0.211	0.9	0.15	0.8	< 0.05	< 5	< 0.1	0.37	0.26
GGA-81-16B1	0.231	1.47	0.235	1.1	0.26	1.5	< 0.05	< 5	< 0.1	0.68	0.29
GGA-81-18A3	0.288	1.81	0.286	1.9	0.70	1.5	0.12	< 5	< 0.1	1.49	0.57
GGA-81-19A3	0.424	2.74	0.431	2.5	0.31	2.1	0.05	10	< 0.1	2.91	1.51
GGA-81-4D1	0.507	3.15	0.473	2.5	0.58	5.3	< 0.05	< 5	< 0.1	0.60	0.24
GGA-81-8A1	0.411	2.58	0.396	3.8	1.23	0.9	0.15	< 5	< 0.1	4.12	1.33
GAT-77-211C	0.838	5.37	0.838	6.8	1.15	2.6	< 0.05	< 5	< 0.1	3.42	1.56
GAT-78-348A	0.190	1.23	0.198	1.3	0.07	1.2	0.10	13	< 0.1	2.02	1.36

QC

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	0.5	5
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas	11.28	1.91	0.76	0.013	0.34	42.95	0.89	0.54	0.117	30.21					1662								
NIST 694 Cert	11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740								
DNC-1 Meas	47.13	18.58	9.75	0.146	9.88	11.40	1.88	0.22	0.477	0.07			31		159	270	55		110				
DNC-1 Cert	47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148	270	57		100				
GBW 07113 Meas	72.16	13.02	3.22	0.142	0.15	0.60	2.47	5.41	0.283	0.04			5	4	6								
GBW 07113 Cert	72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			5.00	4.00	5.00								
LKSD-3 Meas																	29	50					
LKSD-3 Cert																	30.0	47.0					
TDB-1 Meas																260		90		160			
TDB-1 Cert																251		92		155			
W-2a Meas	52.95	15.47	10.79	0.166	6.28	11.08	2.17	0.61	1.064	0.14			35	< 1	280	90	42	70	120	80	18	1.6	
W-2a Cert	52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.130			36.0	1.30	262	92.0	43.0	70.0	110	80.0	17.0	1.00	
DTS-2b Meas																> 10000	135	3930					
DTS-2b Cert																15500	120	3780					
SY-4 Meas	50.54	20.95	6.23	0.108	0.50	8.13	6.97	1.65	0.289	0.12			2	3	7								
SY-4 Cert	49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0								
CTA-AC-1 Meas																			60	40			
CTA-AC-1 Cert																			54.0	38.0			
BIR-1a Meas	48.30	15.55	11.25	0.169	9.38	13.36	1.81	0.04	0.955	0.03			43	< 1	333	370	50	170	130		15		
BIR-1a Cert	47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	370	52	170	125		16		
NCS DC86312 Meas																							
NCS DC86312 Cert																							
ZW-C Meas																							
ZW-C Cert																							
NCS DC70009 (GBW07241) Meas																50	4		970		18	10.5	65
NCS DC70009 (GBW07241) Cert																30	3.7		960		16.5	11.2	69.9
OREAS 100a (Fusion) Meas																	19		180				
OREAS 100a (Fusion) Cert																	18.1		169				
OREAS 101a (Fusion) Meas																	44		440				
OREAS 101a (Fusion) Cert																	48.8		434				
OREAS 101b (Fusion) Meas																	46	< 20					
OREAS 101b (Fusion) Cert																	47	9					
JR-1 Meas																	< 1	< 20					17
JR-1 Cert																	0.83	1.67					16.3
GAT-77-156G Orig	49.18	17.81	8.65	0.195	3.72	13.76	2.08	0.19	0.945	0.15	3.47	100.2	39	< 1	312	170	16	50	< 10	70	17	1.5	< 5
GAT-77-156G Dup	49.47	18.09	8.67	0.197	3.76	13.84	2.07	0.19	0.957	0.14	3.47	100.8	39	< 1	313	180	15	40	< 10	70	17	1.4	< 5
GAT-77-210B Orig	56.57	16.03	6.40	0.061	1.92	4.02	8.91	0.22	0.823	0.32	5.09	100.4	10	1	189	50	3	< 20	< 10	< 30	18	0.6	< 5
GAT-77-210B Dup	56.36	16.12	6.43	0.061	1.91	3.99	8.90	0.22	0.804	0.30	5.09	100.2	10	< 1	189	50	3	< 20	10	< 30	18	0.6	< 5
GAT-77-88B Orig	48.13	15.82	9.97	0.212	8.91	6.68	3.38	0.03	0.929	0.09	4.68	98.83	43	< 1	310	230	42	60	< 10	80	17	1.8	< 5
GAT-77-88B Dup	48.58	16.23	10.41	0.217	9.10	6.66	3.40	0.03	0.951	0.09	4.68	100.3	43	< 1	309	230	42	60	< 10	70	17	1.8	< 5
GAT-78-332C Orig	67.21	15.80	2.50	0.036	0.69	2.70	4.35	2.69	0.259	0.08	3.95	100.3	3	2	37	< 20	2	< 20	20	40	19	1.1	< 5
GAT-78-332C Dup	67.31	15.77	2.52	0.036	0.68	2.67	4.54	2.78	0.260	0.08	3.95	100.6	3	2	39	< 20	2	< 20	20	40	19	1.2	< 5

Analyte Symbol	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	20	1	20	10	30	1	0.5	5
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
GAT-78-360 Orig	79.76	12.25	1.04	0.011	0.51	0.15	6.27	0.05	0.157	0.03	0.70	100.9	7	< 1	7	< 20	2	< 20	< 10	< 30	11	0.8	< 5
GAT-78-360 Dup	79.43	12.09	1.03	0.011	0.51	0.14	6.21	0.05	0.156	0.03	0.70	100.4	7	< 1	< 5	< 20	1	< 20	< 10	< 30	11	0.7	< 5
GGA-81-15B4 Orig	48.55	15.53	9.82	0.153	7.67	10.51	1.54	0.49	1.150	0.18	5.28	100.9	40	< 1	296	250	36	80	110	70	16	1.3	< 5
GGA-81-15B4 Dup	48.62	15.32	9.76	0.153	7.61	10.48	1.53	0.48	1.138	0.19	5.28	100.6	40	< 1	293	250	36	80	110	80	16	1.3	< 5
GAT-78-348A Orig	48.46	13.84	8.67	0.154	4.52	7.07	2.78	3.51	0.600	0.74	10.27	100.6	20	2	200	120	25	30	300	110	16	1.1	< 5
GAT-78-348A Dup	48.56	13.84	8.48	0.154	4.53	7.09	2.77	3.50	0.602	0.76	10.27	100.6	20	2	204	120	25	30	290	110	16	0.9	< 5
Method Blank																< 20	< 1	< 20	< 10	< 30	< 1	< 0.5	< 5

QC

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.5	1	0.2	2	0.5	0.1	1	0.2	0.1	3	0.05	0.05	0.01	0.05	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FUS-MS	FUS-ICP	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas		141	17.1	33								105				5.13		0.627					
DNC-1 Cert		144.0	18.0	38								118				5.20		0.59					
GBW 07113 Meas		41		388								497											
GBW 07113 Cert		43.0		403								506											
LKSD-3 Meas	72		28.9			< 2							53.1	96.8		43.9	8.29	1.52			4.96		
LKSD-3 Cert	78.0		30.0		2.00								52.0	90.0		44.0	8.00	1.50			4.90		
TDB-1 Meas	21		36.7										18.4	42.4		25.1		2.18					
TDB-1 Cert	23		36										17	41		23		2.1					
W-2a Meas	19	193	20.8	88	7.4	< 2	< 0.5					171		24.0		12.7	3.23			0.61	3.79	0.79	2.30
W-2a Cert	21.0	190	24.0	94.0	7.90	0.600	0.0460					182		23.0		13.0	3.30			0.630	3.60	0.760	2.50
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas		1208		539								348											
SY-4 Cert		1191		517								340											
CTA-AC-1 Meas													> 2000	> 3000		1140	164	45.5	128	14.6			
CTA-AC-1 Cert													2176	3326		1087	162	46.7	124	13.9			
BIR-1a Meas		106	15.0	15	0.3							9				2.37	1.11	0.524	1.85				
BIR-1a Cert		110	16	18	0.6							6				2.5	1.1	0.55	2.0				
NCS DC86312 Meas			1000										> 2000	184		1560			219	31.8	183	34.9	98.7
NCS DC86312 Cert			976										2360	190		1600			225.0	34.6	183	36	96.2
ZW-C Meas					205																		
ZW-C Cert					198																		
NCS DC70009 (GBW07241) Meas							1.3		> 1000		44.5		23.6	58.9	8.07	32.5	12.4		14.9	3.08	21.2	4.37	13.8
NCS DC70009 (GBW07241) Cert							1.8		1701		41		23.7	60.3	7.9	32.9	12.5		14.8	3.3	20.7	4.5	13.4
OREAS 100a (Fusion) Meas			149										258	460	46.5	150	24.3	3.71	21.3	3.57	23.4	5.00	15.7
OREAS 100a (Fusion) Cert			142										260	463	47.1	152	23.6	3.71	23.6	3.80	23.2	4.81	14.9
OREAS 101a (Fusion) Meas			177			20							832	1400	129	389	50.0	8.10			31.0	6.26	19.2
OREAS 101a (Fusion) Cert			183			21.9							816	1396	134	403	48.8	8.06			33.3	6.46	19.5
OREAS 101b (Fusion) Meas			186			22							828	1410	131	392	50.1	8.52		5.33	33.0	6.71	20.3

Analyte Symbol	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	0.5	1	0.2	2	0.5	0.1	1	0.2	0.1	3	0.05	0.05	0.01	0.05	0.01	0.005	0.01	0.01	0.01	0.01	0.01
Method Code	FUS-MS	FUS-ICP	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
OREAS 101b (Fusion) Cert			178			20.9							789	1331	127	378	48	7.77		5.37	32.1	6.34	18.7
JR-1 Meas	273		44.7		16.0	4	1.3	< 0.1	3		21.8		20.5	47.6	6.09	23.9	5.91	0.300		0.99			
JR-1 Cert	257		45.1		15.2	3.25	0.031	0.028	2.86		20.8		19.7	47.2	5.58	23.3	6.03	0.30		1.01			
GAT-77-156G Orig	3	239	19.7	53	3.7	< 2	< 0.5	< 0.1	< 1	0.7	0.1	111	4.85	11.8	1.73	8.19	2.51	0.949	3.04	0.53	3.44	0.72	2.10
GAT-77-156G Dup	3	242	19.6	53	3.5	< 2	< 0.5	< 0.1	< 1	0.6	< 0.1	111	5.00	11.8	1.69	8.35	2.54	0.972	3.06	0.53	3.38	0.71	2.10
GAT-77-210B Orig	2	141	21.2	131	4.5	15	< 0.5	< 0.1	< 1	1.3	< 0.1	166	21.0	44.9	5.71	23.6	5.57	1.74	4.81	0.69	3.83	0.72	2.09
GAT-77-210B Dup	2	141	21.5	130	4.5	15	< 0.5	< 0.1	< 1	1.4	< 0.1	165	21.5	47.0	5.91	24.3	5.76	1.84	4.76	0.69	3.87	0.73	2.11
GAT-77-88B Orig	< 1	138	19.8	35	0.3	< 2	< 0.5	< 0.1	< 1	0.2	< 0.1	14	2.36	5.42	1.05	5.99	1.93	0.832	2.96	0.49	3.23	0.67	2.00
GAT-77-88B Dup	< 1	141	19.6	36	0.3	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	14	2.29	5.50	1.08	5.60	1.99	0.786	2.85	0.49	3.19	0.67	2.08
GAT-78-332C Orig	65	368	6.7	99	4.1	< 2	< 0.5	< 0.1	< 1	0.9	2.0	1667	10.2	20.3	2.55	9.12	1.78	0.538	1.55	0.21	1.28	0.25	0.73
GAT-78-332C Dup	64	373	6.5	100	3.8	< 2	< 0.5	< 0.1	< 1	1.0	2.0	1731	10.0	20.4	2.47	8.77	1.69	0.548	1.50	0.21	1.20	0.24	0.71
GAT-78-360 Orig	< 1	24	27.4	131	0.6	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	19	0.89	4.59	0.52	2.90	1.27	0.256	2.36	0.53	4.33	1.08	4.08
GAT-78-360 Dup	< 1	24	27.1	130	0.6	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1	19	0.87	4.60	0.52	2.91	1.21	0.273	2.31	0.55	4.27	1.10	4.01
GGA-81-15B4 Orig	9	179	16.8	86	7.1	< 2	< 0.5	< 0.1	< 1	0.6	1.0	191	12.8	28.0	3.68	16.0	3.67	1.10	3.31	0.55	3.23	0.67	1.92
GGA-81-15B4 Dup	9	176	16.7	88	7.1	< 2	< 0.5	< 0.1	1	0.6	1.0	189	13.1	28.4	3.71	15.7	3.58	1.18	3.39	0.53	3.32	0.66	1.93
GAT-78-348A Orig	70	484	11.5	53	1.7	< 2	< 0.5	< 0.1	< 1	0.4	1.3	611	10.6	22.1	2.97	12.2	2.82	0.860	2.47	0.39	2.28	0.44	1.28
GAT-78-348A Dup	71	489	11.5	52	1.6	< 2	< 0.5	< 0.1	< 1	0.3	1.3	612	9.96	21.1	2.82	12.2	2.75	0.825	2.39	0.38	2.28	0.45	1.34
Method Blank	< 1		< 0.5		< 0.2	< 2	< 0.5	< 0.1	< 1	< 0.2	< 0.1		< 0.05	< 0.05	< 0.01	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

QC

Analyte Symbol	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.01	0.002	0.1	0.01	0.5	0.05	5	0.1	0.05	0.01
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas											
NIST 694 Cert											
DNC-1 Meas		1.93									
DNC-1 Cert		2.0									
GBW 07113 Meas											
GBW 07113 Cert											
LKSD-3 Meas		2.78	0.438							11.1	4.96
LKSD-3 Cert		2.70	0.400							11.4	4.60
TDB-1 Meas		3.45								2.76	
TDB-1 Cert		3.4								2.7	
W-2a Meas		2.03	0.316			0.6	< 0.05		< 0.1	2.21	0.53
W-2a Cert		2.10	0.330			0.300	0.200		0.0300	2.40	0.530
DTS-2b Meas											
DTS-2b Cert											
SY-4 Meas											
SY-4 Cert											
CTA-AC-1 Meas		10.8	1.14		2.68						4.27
CTA-AC-1 Cert		11.4	1.08		2.65						4.4
BIR-1a Meas		1.71	0.285	0.5							
BIR-1a Cert		1.7	0.3	0.60							
NCS DC86312 Meas	13.7	85.5	12.6							25.9	
NCS DC86312 Cert	15.1	87.79	11.96							23.6	
ZW-C Meas					83.7	334	33.7				

Analyte Symbol	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.01	0.002	0.1	0.01	0.5	0.05	5	0.1	0.05	0.01
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
ZW-C Cert					82	320	34				
NCS DC70009 (GBW07241) Meas	2.28	16.2	2.38			2250				29.6	
NCS DC70009 (GBW07241) Cert	2.2	14.9	2.4			2200				28.3	
OREAS 100a (Fusion) Meas	2.34	15.1	2.25							53.6	143
OREAS 100a (Fusion) Cert	2.31	14.9	2.26							51.6	135
OREAS 101a (Fusion) Meas	2.77	17.4	2.55							35.6	424
OREAS 101a (Fusion) Cert	2.90	17.5	2.66							36.6	422
OREAS 101b (Fusion) Meas		18.7	2.71							38.9	425
OREAS 101b (Fusion) Cert		17.6	2.58							37.1	396
JR-1 Meas	0.712	4.69	0.736	4.1			1.37	20	0.5	27.6	9.29
JR-1 Cert	0.67	4.55	0.71	4.51			1.56	19.3	0.56	26.7	8.88
GAT-77-156G Orig	0.312	2.04	0.318	1.2	0.15	1.3	< 0.05	< 5	< 0.1	0.69	0.70
GAT-77-156G Dup	0.323	2.19	0.334	1.2	0.22	2.3	< 0.05	< 5	< 0.1	0.71	0.69
GAT-77-210B Orig	0.312	2.26	0.375	2.6	0.18	10.6	< 0.05	< 5	< 0.1	2.59	1.20
GAT-77-210B Dup	0.310	2.13	0.348	2.6	0.19	11.5	< 0.05	< 5	< 0.1	2.71	1.21
GAT-77-88B Orig	0.281	1.74	0.269	1.2	0.03	< 0.5	< 0.05	< 5	< 0.1	0.11	0.11
GAT-77-88B Dup	0.293	1.79	0.263	1.1	0.04	< 0.5	< 0.05	< 5	< 0.1	0.11	0.12
GAT-78-332C Orig	0.110	0.76	0.118	2.8	0.25	7.8	0.31	< 5	< 0.1	1.54	0.72
GAT-78-332C Dup	0.105	0.74	0.115	2.8	0.24	8.2	0.37	< 5	< 0.1	1.54	0.69
GAT-78-360 Orig	0.703	5.01	0.818	4.0	0.07	3.6	< 0.05	< 5	< 0.1	0.49	0.55
GAT-78-360 Dup	0.705	5.15	0.837	4.1	0.07	1.1	< 0.05	< 5	< 0.1	0.49	0.53
GGA-81-15B4 Orig	0.262	1.57	0.251	1.8	0.45	1.0	0.08	< 5	< 0.1	1.20	0.55
GGA-81-15B4 Dup	0.269	1.65	0.260	1.9	0.46	2.7	0.06	< 5	< 0.1	1.20	0.52
GAT-78-348A Orig	0.189	1.24	0.197	1.3	0.06	1.8	0.10	14	< 0.1	2.06	1.36
GAT-78-348A Dup	0.191	1.22	0.200	1.2	0.07	0.7	0.11	12	< 0.1	1.98	1.35
Method Blank	< 0.005	< 0.01	< 0.002	< 0.1	< 0.01	< 0.5	< 0.05	< 5	< 0.1	< 0.05	< 0.01