

ESI Table S2. Analytical results of standard reference materials^a

Sample ID	$\delta^7\text{Li}$	2SE	Sample ID	$\delta^{11}\text{B}$	2SE
BCR-2G(11)_1	2.77	1.93	JB-2(11)_6	7.84	0.49
BCR-2G(11)_2	8.50	1.91	JB-2(11)_7	7.79	0.29
BCR-2G(11)_3	7.70	1.91	JB-2(11)_8	7.69	0.67
BCR-2G(11)_4	5.23	1.66	JB-2(11)_9	7.38	0.46
BCR-2G(11)_5	7.71	1.94	JB-2(11)_10	7.57	0.32
BCR-2G(11-12)_1	3.22	1.31	JB-2(11)_11	7.54	0.65
BCR-2G(11-12)_2	3.40	1.37	JB-2(11)_12	8.42	0.86
BCR-2G(11-12)_3	3.96	1.29	JB-2(11)_13	8.65	0.35
BCR-2G(11-12)_4	4.58	1.21	JB-2(11)_14	9.28	0.88
BCR-2G(11-12)_5	5.61	1.18	JB-2_1	7.95	1.26
BCR-2G(11-12)_6	1.53	1.43	JB-2_2	9.56	1.74
BCR-2G(11-12)_7	0.46	1.30	JB-2_3	7.64	1.11
BCR-2G(11-12)_8	2.78	1.32	JB-2_4	9.27	1.02
BCR-2G(11-12)_9	0.31	1.29	JB-2_5	7.98	1.04
BCR-2G(11-12)_10	3.19	1.32	JB-2(11)_1	4.78	2.86
BCR-2G(11-12)_11	3.03	1.40	JB-2(11)_2	7.73	0.81
BCR-2G(11-12)_12	5.93	1.05	JB-2(11)_3	7.96	0.60
BCR-2G(11-12)_13	3.37	1.15	JB-2(11)_4	8.81	0.48
Average	4.07	4.70	JB-2(11)_5	8.32	0.65
BCR-2G(Ref)	3.48	1.71	JB-2(11)_6	6.87	1.46
			JB-2(11)_7	8.93	1.12
BHVO-2G_1	7.24	2.34	JB-2(11)_8	6.54	0.75
BHVO-2G_2	10.85	2.34	JB-2(11)_9	8.32	0.63
BHVO-2G_3	4.88	1.89	JB-2(11)_10	6.67	0.92
BHVO-2G_4	8.65	2.36	Average	7.90	2.06
BHVO-2G_5	6.08	2.11	JB-2(Ref)	7.24	0.33
Average	7.54	4.64			
BHVO-2G(Ref)	5.90	5.66	BCR-2G(11)_1	-2.09	1.36
			BCR-2G(11)_2	-3.11	2.31
JB-3(11)_1	8.22	2.27	BCR-2G(11)_3	-3.66	2.17
JB-3(11)_2	7.87	1.55	BCR-2G(11)_4	-4.86	2.69
JB-3(11)_3	-1.24	1.04	BCR-2G(11)_5	-3.91	2.99
JB-3(11)_4	-0.66	0.79	BCR-2G(11)_6	-6.06	1.55
JB-3(11)_5	5.63	2.01	BCR-2G(11)_7	-3.70	1.57
Average	3.96	9.20	BCR-2G(11)_8	-3.13	1.71
JB-3(Ref)	3.94	1.00	BCR-2G(11)_9	-2.32	1.15
			BCR-2G(11)_10	-5.45	1.67
GSD-1G_1	33.22	0.61	Average	-3.83	2.58
GSD-1G_2	34.00	0.93	BCR-2G(Ref)	N/A	N/A
GSD-1G_3	33.56	0.74			
GSD-1G_4	34.21	0.71	GSD-1G_1	11.22	0.48
GSD-1G_5	32.90	0.72	GSD-1G_2	9.82	0.48
GSD-1G_3	27.18	0.84	GSD-1G_3	10.28	0.36
GSD-1G_8	27.04	0.65	GSD-1G_4	10.21	0.42
GSD-1G_4	28.63	0.67	GSD-1G_5	9.49	0.44
GSD-1G_5	28.94	0.52	GSD-1G_6	9.04	0.46
GSD-1G_1	27.54	0.55	GSD-1G_7	10.31	0.42
GSD-1G_2	28.21	0.59	GSD-1G_8	10.91	0.34
GSD-1G_3	27.60	0.58	GSD-1G_9	11.53	0.40
GSD-1G_4	26.25	0.66	GSD-1G_10	12.13	0.45
GSD-1G_5	27.18	0.59	Average	10.49	1.91
GSD-1G_6	28.09	0.56	GSD-1G(Ref)	10.27	1.33
GSD-1G_7	28.81	0.52			
GSD-1G_8	27.20	0.54	SRM610(11)_1	-0.19	0.13
GSD-1G_9	27.13	0.67	SRM610(11)_2	-0.29	0.12
GSD-1G_10	26.35	0.63	SRM610(11)_3	-0.22	0.16
Average	29.16	5.64	SRM610(11)_4	-0.41	0.16
GSD-1G(Ref)	30.95	2.26	SRM610(11)_5	-0.52	0.14
			Average	-0.33	0.28
SRM610(11-12)_1	31.88	0.85	SRM610(Ref)	-0.52	0.53
SRM610(11-12)_2	31.20	0.78			
SRM610(11-12)_3	30.97	0.81			
Average	31.35	0.94			
SRM610(Ref)	32.50	1.50			

^a: Ref: reference values from Brand et al. (2014), N/A: not available, 2SE: 2-standard error. Averages are given in 2-standard deviation.