

Supplementary Table 2. Zircon mount SHRIMP U-Pb data of CA14-4 biotitite schist (blackwall).

Spot	U (ppm)	Th (ppm)	²³² Th / ²³⁸ U	% ²⁰⁶ Pb _{bc}	²⁰⁴ Pb / ²⁰⁶ Pb	±%	(1) ²⁰⁷ Pb* / ²⁰⁶ Pb*	±%	(1) ²⁰⁷ Pb* / ²³⁵ U	±%	(1) ²⁰⁶ Pb* / ²³⁸ U	±%	(1) ²⁰⁶ Pb / ²³⁸ U Age		(2) ²⁰⁶ Pb / ²³⁸ U Age		(1) ²⁰⁷ Pb / ²⁰⁶ Pb Age		% Discordant
CA14-4z2	1902	60	0.03	0	1.20E-06	100	0.205	0.3	14.99	1.6	0.531	1.6	2744	±35	2693	±48	2866	±5	5
CA14-4z3c	39	93	2.46	0.88	5.30E-04	71	0.079	7.9	2.03	8.5	0.185	3.1	1097	±31	1093	±32	1183	±156	8
CA14-4z6	269	213	0.82	0.11	6.20E-05	100	0.058	3.9	0.66	4.4	0.082	1.9	510	±9	510	±10	544	±86	6
CA14-4z7	543	319	0.61	0.01	9.10E-06	100	0.105	2.2	4.37	3.2	0.302	2.3	1699	±34	1697	±38	1716	±41	1
CA14-4z8c	321	288	0.93	--	-2.80E-05	71	0.106	0.7	4.55	1.5	0.311	1.3	1747	±20	1749	±23	1730	±14	-1
CA14-4z8r	310	204	0.68	0.1	6.50E-05	50	0.105	0.9	4.46	2	0.307	1.8	1725	±28	1725	±31	1721	±16	0
CA14-4z9	529	288	0.56	0	---	100	0.055	1.6	0.52	2.1	0.069	1.2	430	±5	430	±5	415	±37	-4
CA14-4z10r	523	89	0.18	0.96	5.40E-04	27	0.059	4	0.56	4.2	0.069	1.2	428	±5	426	±5	564	±86	25
CA14-4z11	587	528	0.93	0.86	4.80E-04	30	0.058	4.1	0.47	4.4	0.059	1.7	368	±6	367	±6	518	±90	30
CA14-4z12	548	179	0.34	0.29	1.60E-04	50	0.052	2.8	0.46	3.1	0.064	1.3	400	±5	401	±5	299	±64	-35
CA14-4z1c	862	485	0.58	0	---	---	0.061	3.2	0.76	3.7	0.089	1.9	551	±10	549	±10	654	±69	16
CA14-4z1r	525	173	0.34	0.05	3.10E-05	100	0.057	1.5	0.62	1.9	0.079	1.2	490	±6	489	±6	494	±32	1
CA14-4z4c	721	410	0.59	0.15	9.10E-05	33	0.073	0.9	1.81	1.4	0.18	1.2	1064	±11	1066	±12	1016	±18	-5
CA14-4z5	80	105	1.36	0	---	100	0.082	1.8	2.37	2.7	0.21	2.1	1229	±23	1228	±25	1243	±35	1
CA14-4z4r	654	439	0.69	0.48	2.70E-04	29	0.063	2.1	0.85	3.7	0.099	3	606	±18	604	±18	705	±45	15

(1) Common Pb corrected using ²⁰⁴Pb and (2) Common Pb corrected assuming ²⁰⁶Pb/²³⁸U-²⁰⁷Pb/²³⁵U age-concordance