

APPENDIX 4

SHRIMP data for the pale Stachów gneiss (sample 310C)

Spot	$^{206}\text{Pb}_c$ [%]	U [ppm]	Th [ppm]	$\frac{^{232}\text{Th}}{^{238}\text{U}}$	$^{206}\text{Pb}^*$ [ppm]	$\frac{^{206}\text{Pb}}{^{238}\text{U}}$ (1) Age	$\frac{^{207}\text{Pb}}{^{206}\text{Pb}}$ (1) Age	D	Total $\frac{^{238}\text{U}}{^{206}\text{Pb}}$ ± [%]	Total $\frac{^{207}\text{Pb}^*}{^{206}\text{Pb}^*}$ ± [%]	$\frac{^{207}\text{Pb}}{^{235}\text{U}}$ (1) ± [%]	$\frac{^{206}\text{Pb}}{^{238}\text{U}}$ (1) ± [%]	Err corr
310C 1.1	--	222	260	1.21	19.2	617 ±11	677 ± 57	10	9.98 1.8	0.0602 2.1	0.860 3.2	0.1005 1.8	0.561
310C 1.2	0.00	680	114	0.17	55.0	579.6 ± 9.6	585 ± 32	1	10.63 1.7	0.05948 1.5	0.772 2.3	0.0941 1.7	0.757
310C 2.1	0.00	705	115	0.17	51.0	520.8 ± 8.6	517 ± 30	-1	11.89 1.7	0.05765 1.4	0.669 2.2	0.0841 1.7	0.782
310C 3.1	--	353	54	0.16	25.1	512.7 ± 8.8	527 ± 58	3	12.10 1.8	0.05670 2.0	0.661 3.2	0.0828 1.8	0.559
310C 3.2	0.04	829	116	0.15	51.9	453.3 ± 7.5	458 ± 34	1	13.72 1.7	0.05646 1.4	0.564 2.3	0.0728 1.7	0.744
310C 4.1	--	525	117	0.23	38.9	533 ± 8.9	523 ± 44	-2	11.61 1.7	0.05698 1.6	0.687 2.6	0.0862 1.7	0.658
310C 4.2	0.00	568	194	0.35	37.3	474.6 ± 8	442 ± 39	-7	13.09 1.7	0.05574 1.8	0.587 2.5	0.0764 1.7	0.705
310C 5.1	0.23	549	286	0.54	35.1	460.7 ± 7.8	481 ± 57	4	13.47 1.7	0.05859 1.7	0.580 3.1	0.0741 1.8	0.561
310C 6.1	0.00	420	16	0.04	32.6	556.9 ± 9.6	524 ± 40	-6	11.08 1.8	0.05780 1.8	0.720 2.6	0.0902 1.8	0.700
310C 6.2	0.44	459	80	0.18	44.2	683 ±13	463 ± 77	-32	8.90 1.9	0.05980 1.8	0.867 4.0	0.1118 2.0	0.493
310C 7.1	0.00	545	65	0.12	38.7	512.1 ± 8.7	511 ± 37	0	12.10 1.8	0.05751 1.7	0.656 2.4	0.0827 1.8	0.727
310C 7.2	0.00	136	55	0.42	9.13	486.3 ± 9.5	545 ± 81	12	12.76 2.0	0.05840 3.7	0.631 4.2	0.0784 2.0	0.483
310C 8.1	0.09	762	443	0.60	52.9	500.7 ± 8.3	506 ± 36	1	12.37 1.7	0.05808 1.4	0.639 2.4	0.0808 1.7	0.729
310C 9.1	0.16	740	532	0.74	56.8	550.8 ± 9.2	541 ± 42	-2	11.19 1.7	0.05959 1.4	0.717 2.6	0.0892 1.7	0.669
310C 10.1	--	1538	1560	1.05	112.0	526.4 ± 8.5	521 ± 24	-1	11.76 1.7	0.05734 1.0	0.678 2.0	0.0851 1.7	0.839
310C 11.1	0.00	747	112	0.15	52.5	507 ± 8.5	504 ± 36	-1	12.22 1.7	0.05732 1.7	0.647 2.4	0.0818 1.7	0.725
310C 12.1	0.13	632	353	0.58	43.8	499 ± 8.5	500 ± 43	0	12.41 1.8	0.05828 1.6	0.635 2.6	0.0805 1.8	0.671
310C 13.1	1.60	260	46	0.18	20.7	563 ±10	671 ±150	19	10.78 1.8	0.07510 2.1	0.779 7.3	0.0912 1.9	0.261

Errors – 1σ; Pb_c and Pb* – the common and radiogenic portions, respectively; error in standard calibration was 0.58% (not included in above errors but required when comparing data from different mounts; (1) common Pb corrected using measured ^{204}Pb)