

APPENDIX 7

SHRIMP data for fine-grained Bt granite (sample 300 IV)

Spot	$^{206}\text{Pb}_c$ [%]	U [ppm]	Th [ppm]	$^{232}\text{Th}/$ ^{238}U	$^{206}\text{Pb}^*$ [ppm]	(1) $^{206}\text{Pb}/^{238}\text{U}$ Age	(1) $^{207}\text{Pb}/^{206}\text{Pb}$ Age	Discor- dant [%]	Total $^{238}\text{U}/$ ^{206}Pb ± [%]	Total $^{207}\text{Pb}/$ ^{206}Pb ± [%]	(1) $^{207}\text{Pb}^*/$ $^{206}\text{Pb}^*$ ± [%]	(1) $^{207}\text{Pb}^*/$ ^{235}U ± [%]	(1) $^{206}\text{Pb}^*/$ ^{238}U ± [%]	Err corr
300 IV 1.1	0.55	1422	431	0.31	54.1	277.7 ±9.7	420 ±98	51	22.59 ±3.5	0.0596 ±2.3	0.0552 ±4.4	0.335 ±5.6	0.0440 ±3.6	0.630
300 IV 2.1	1.45	376	241	0.66	15.0	288.0 ±11	43 ±320	-85	21.58 ±3.7	0.0583 ±3.9	0.0469 ±13	0.295 ±14.0	0.0457 ±3.8	0.272
300 IV 3.1	0.55	233	54	0.24	66.3	1836 ±58	2010 ±34	10	3.01 ±3.6	0.1286 ±1.2	0.1237 ±1.9	5.620 ±4.1	0.3300 ±3.6	0.884
300 IV 4.1	2.82	98	90	0.95	4.09	297.0 ±13	-69 ±760	-123	20.58 ±4.2	0.0671 ±6.5	0.0450 ±31.0	0.291 ±32.0	0.0472 ±4.5	0.142
300 IV 5.1	1.58	1209	1170	1.00	44.7	267.2 ±9.1	306 ±130	15	23.25 ±3.5	0.0651 ±1.3	0.0525 ±5.6	0.306 ±6.6	0.0423 ±3.5	0.531
300 IV 6.1	1.58	489	37	0.08	18.4	271.0 ±10	70 ±220	-74	22.89 ±3.8	0.0600 ±2.1	0.0474 ±9.4	0.281 ±10.0	0.0430 ±3.8	0.377
300 IV 6.2	0.02	2638	452	0.18	102	282.8 ±9.6	281 ±22	-1	22.30 ±3.5	0.0520 ±0.94	0.0519 ±0.98	0.321 ±3.6	0.0448 ±3.5	0.962
300 IV 7.1	0.92	51	22	0.44	2.09	297.0 ±12	766 ±220	158	20.98 ±4.0	0.0723 ±7.0	0.0647 ±10	0.421 ±11.0	0.0472 ±4.0	0.358
300 IV 8.1	0.00	593	208	0.36	27.5	339.0 ±12	431 ±40	27	18.55 ±3.5	0.0550 ±1.7	0.0555 ±1.8	0.412 ±3.9	0.0539 ±3.5	0.891
300 IV 9.1	0.16	417	138	0.34	26.2	454.0 ±15	519 ±58	14	13.69 ±3.5	0.0590 ±1.7	0.0577 ±2.6	0.581 ±4.4	0.0729 ±3.5	0.801
300 IV 10.1	0.16	635	420	0.68	33.5	383.0 ±13	360 ±61	-6	16.29 ±3.5	0.0551 ±1.6	0.0537 ±2.7	0.454 ±4.4	0.0613 ±3.5	0.789
300 IV 11.1	1.14	319	185	0.60	13.2	300.0 ±10	-81 ±210	-127	20.77 ±3.5	0.0536 ±2.5	0.0440 ±8.5	0.292 ±9.2	0.0476 ±3.6	0.387
300 IV 12.1	3.72	80	69	0.89	3.2	284.0 ±13	-710 ±1700	-350	21.37 ±3.8	0.0648 ±4.9	0.0350 ±63.0	0.220 ±63.0	0.0450 ±4.7	0.075
300 IV 13.1	0.07	344	314	0.94	14.1	301.0 ±10	377 ±61	25	20.94 ±3.5	0.0547 ±2.5	0.0541 ±2.7	0.356 ±4.5	0.0477 ±3.5	0.793
300 IV 14.1	1.49	177	251	1.47	7.23	296.0 ±11	-13 ±380	-104	21.00 ±3.6	0.0575 ±3.9	0.0458 ±16.0	0.296 ±16.0	0.0469 ±3.7	0.233
300 IV 15.1	0.06	813	67	0.09	167	1384 ±43	2643 ±15	91	4.17 ±3.5	0.1794 ±0.88	0.1789 ±0.91	5.910 ±3.6	0.2394 ±3.5	0.967
300 IV 15.2	0.29	881	85	0.10	34.2	284.3 ±9.7	298 ±100	5	22.11 ±3.5	0.0546 ±1.7	0.0523 ±4.5	0.325 ±5.7	0.0451 ±3.5	0.614
300 IV 16.1	0.13	358	213	0.61	14.0	287.4 ±10	438 ±81	52	21.90 ±3.5	0.0567 ±3.0	0.0556 ±3.6	0.350 ±5.1	0.0456 ±3.5	0.699
300 IV 17.1	0.50	88	106	1.24	6.57	533.0 ±19	487 ±180	-9	11.55 ±3.7	0.0609 ±3.4	0.0569 ±7.9	0.676 ±8.8	0.0862 ±3.7	0.423
300 IV 17.2	1.02	3028	412	0.14	117	281.4 ±9.6	112 ±77	-60	22.18 ±3.5	0.0564 ±0.98	0.0483 ±3.3	0.297 ±4.8	0.0446 ±3.5	0.728

Errors are 1 σ ; Pb_c and Pb^* indicate the common and radiogenic portions, respectively; error in standard calibration was 1.09% (not included in above errors but required when comparing data from different mounts); (1) – common Pb corrected using measured ^{204}Pb