

Koshnaw et al. supplemental data

Appendix A:

Zircon U-Pb geochronology method

After the standard mineral separation procedure of getting the samples through jaw-crusher, water table, heavy liquid, and magnetic separation, the separated zircon grains from the Red Bed Series samples were put on a double-sided tape mount. The zircon U-Pb data were collected by the laser ablation inductively coupled plasma mass spectrometry (LA-ICP-MS) by PhotonMachine Analyte G.2, using a 30 μ m diameter beam, with a Helex sample cell and Thermo Element2 ICP-MS. The reference standard GJ-1 zircon (601.7 ± 1.3 Ma $^{206}\text{Pb}/^{238}\text{U}$ age; Jackson et al., 2004)* was used to check the fractionation correction of the unknown grains. The reported zircon U-Pb age in this study represent discordance age <20 % with 2σ analytical uncertainty. The age concordance was determined based on the age of $^{206}\text{Pb}/^{238}\text{U}$ for zircon grains <950 Ma, and the $^{207}\text{Pb}/^{206}\text{Pb}$ age for grains >950 Ma.

* Jackson, S.E., Pearson, N.J., Griffin, W.L. and Belousova, E.A., 2004, The application of laser ablation-inductively coupled plasma-mass spectrometry to in situ U–Pb zircon geochronology. *Chemical Geology*, 211(1-2), pp.47-69.

Appendix B

Table 1: Sample information

| Site | Sample | Stratigraphic unit | Age | Longitude | Latitude |
|--------|---------|--------------------|----------------|-----------|-----------|
| Choman | CH17M4 | Merga | Miocene (?) | 44.717972 | 36.67625 |
| Choman | CH17M5 | Merga | Miocene (?) | 44.710444 | 36.671417 |
| Choman | CH17M6 | Merga | Miocene (?) | 44.710472 | 36.669361 |
| Choman | CH17S10 | Suwais | late oligocene | 44.820389 | 36.547861 |
| Shetna | SH17S4 | Suwais | late oligocene | 36.815122 | 44.39811 |
| Mawat | MT17S5 | Suwais | late oligocene | 35.797444 | 45.459639 |

Appendix B
Table 2: U-Pb data

| Grain # | [U] ppm | U/Th | 207/235 | | 206/238 | | RHO | 207/235 | | 206/238 | | 207/206 | | Best age | | % Disc. |
|------------|---------|--------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|-----|---------|
| | | | 2σ error | 2σ error | Age Ma | 2σ error | | Age (Ma) | 2σ error | Age (Ma) | 2σ error | Age (Ma) | 2σ error | | | |
| CH17M4_36 | 623 | 0.559 | 0.0417 | 0.0032 | 0.00554 | 0.00013 | 0.31185 | 41.4 | 3.1 | 35.59 | 0.85 | 410 | 170 | 35.6 | 0.9 | 14.0 |
| CH17M4_2 | 192.4 | 0.894 | 0.0351 | 0.003 | 0.00556 | 0.00014 | 0.055786 | 35 | 2.9 | 35.76 | 0.9 | 20 | 150 | 35.8 | 0.9 | 2.2 |
| CH17M4_58 | 167.8 | 0.93 | 0.036 | 0.0037 | 0.00565 | 0.00016 | 0.14113 | 35.8 | 3.6 | 36.3 | 1 | 20 | 170 | 36.3 | 1.0 | 1.4 |
| CH17M4_59 | 180.4 | 0.7586 | 0.0393 | 0.0031 | 0.00565 | 0.00013 | 0.079265 | 39 | 3 | 36.31 | 0.81 | 160 | 140 | 36.3 | 0.8 | 6.9 |
| CH17M4_80 | 560 | 0.591 | 0.0396 | 0.0023 | 0.00566 | 0.00011 | 0.016825 | 39.4 | 2.2 | 36.39 | 0.71 | 210 | 120 | 36.4 | 0.7 | 7.6 |
| CH17M4_82 | 257 | 0.6202 | 0.0394 | 0.0033 | 0.00572 | 0.00016 | 0.044862 | 39.1 | 3.2 | 36.8 | 1 | 190 | 170 | 36.8 | 1.0 | 5.9 |
| CH17M4_49 | 167 | 1.012 | 0.0406 | 0.0042 | 0.00575 | 0.00021 | 0.12858 | 40.3 | 4.1 | 36.9 | 1.3 | 210 | 200 | 36.9 | 1.3 | 8.4 |
| CH17M4_107 | 131.4 | 1.035 | 0.0402 | 0.0032 | 0.00576 | 0.00016 | 0.086664 | 39.8 | 3.1 | 37 | 1.1 | 180 | 150 | 37.0 | 1.1 | 7.0 |
| CH17M4_83 | 770 | 0.624 | 0.0398 | 0.002 | 0.00581 | 0.00011 | 0.06763 | 39.6 | 1.9 | 37.31 | 0.69 | 170 | 100 | 37.3 | 0.7 | 5.8 |
| CH17M4_54 | 130.4 | 1.269 | 0.0383 | 0.0032 | 0.00582 | 0.00014 | 0.12074 | 38 | 3.1 | 37.38 | 0.91 | 80 | 150 | 37.4 | 0.9 | 1.6 |
| CH17M4_46 | 265.9 | 0.7437 | 0.0398 | 0.0031 | 0.00582 | 0.00015 | 0.27475 | 39.6 | 3.1 | 37.43 | 0.97 | 160 | 150 | 37.4 | 1.0 | 5.5 |
| CH17M4_53 | 484 | 0.637 | 0.0371 | 0.0017 | 0.005832 | 0.000087 | 0.038904 | 37.2 | 1.6 | 37.48 | 0.56 | 35 | 88 | 37.5 | 0.6 | 0.8 |
| CH17M4_18 | 150.4 | 0.779 | 0.0409 | 0.006 | 0.00583 | 0.00028 | 0.031109 | 40.6 | 5.8 | 37.5 | 1.8 | 190 | 270 | 37.5 | 1.8 | 7.6 |
| CH17M4_35 | 194.9 | 0.936 | 0.0387 | 0.0077 | 0.00583 | 0.00028 | 0.28999 | 38.4 | 7.6 | 37.5 | 1.8 | 60 | 340 | 37.5 | 1.8 | 2.3 |
| CH17M4_38 | 427 | 0.792 | 0.0375 | 0.0034 | 0.00584 | 0.00013 | 0.030527 | 37.3 | 3.3 | 37.52 | 0.81 | 80 | 180 | 37.5 | 0.8 | 0.6 |
| CH17M4_117 | 953 | 0.781 | 0.0375 | 0.0024 | 0.00584 | 0.00013 | 0.21795 | 37.3 | 2.3 | 37.53 | 0.85 | 40 | 120 | 37.5 | 0.9 | 0.6 |
| CH17M4_50 | 179.2 | 1.176 | 0.0381 | 0.003 | 0.00583 | 0.00013 | 0.017551 | 37.8 | 2.9 | 37.57 | 0.87 | 50 | 140 | 37.6 | 0.9 | 0.6 |
| CH17M4_6 | 305 | 1.004 | 0.0378 | 0.0024 | 0.00586 | 0.0001 | 0.083708 | 37.5 | 2.3 | 37.64 | 0.67 | 40 | 110 | 37.6 | 0.7 | 0.4 |
| CH17M4_7 | 505.3 | 1.264 | 0.0386 | 0.0022 | 0.00586 | 0.00012 | 0.24804 | 38.4 | 2.2 | 37.64 | 0.76 | 130 | 120 | 37.6 | 0.8 | 2.0 |
| CH17M4_1 | 138.1 | 1.097 | 0.0386 | 0.0033 | 0.00587 | 0.00015 | 0.069084 | 38.3 | 3.3 | 37.7 | 0.96 | 80 | 160 | 37.7 | 1.0 | 1.6 |
| CH17M4_44 | 177.2 | 0.6534 | 0.0399 | 0.004 | 0.00586 | 0.00018 | 0.034495 | 39.6 | 3.9 | 37.7 | 1.2 | 190 | 200 | 37.7 | 1.2 | 4.8 |
| CH17M4_19 | 463 | 0.867 | 0.0383 | 0.0023 | 0.00588 | 0.00012 | 0.036831 | 38.1 | 2.2 | 37.77 | 0.75 | 80 | 120 | 37.8 | 0.8 | 0.9 |
| CH17M4_39 | 373 | 0.888 | 0.0392 | 0.0022 | 0.00588 | 0.00012 | 0.1784 | 39 | 2.2 | 37.79 | 0.76 | 130 | 120 | 37.8 | 0.8 | 3.1 |
| CH17M4_3 | 137.6 | 1.117 | 0.0399 | 0.0044 | 0.00588 | 0.00021 | 0.025244 | 39.6 | 4.3 | 37.8 | 1.3 | 180 | 220 | 37.8 | 1.3 | 4.5 |
| CH17M4_9 | 111.2 | 1.067 | 0.0396 | 0.0036 | 0.00588 | 0.00018 | 0.029254 | 39.2 | 3.5 | 37.8 | 1.1 | 130 | 160 | 37.8 | 1.1 | 3.6 |
| CH17M4_42 | 424 | 0.6369 | 0.0395 | 0.004 | 0.00589 | 0.00019 | 0.14914 | 39.3 | 3.9 | 37.8 | 1.2 | 120 | 190 | 37.8 | 1.2 | 3.8 |
| CH17M4_45 | 476 | 0.719 | 0.0392 | 0.0019 | 0.00588 | 0.0001 | 0.05147 | 39 | 1.9 | 37.82 | 0.66 | 120 | 100 | 37.8 | 0.7 | 3.0 |
| CH17M4_32 | 369 | 1.103 | 0.0377 | 0.0022 | 0.00589 | 0.0001 | 0.024723 | 37.5 | 2.2 | 37.83 | 0.65 | 30 | 110 | 37.8 | 0.7 | 0.9 |
| CH17M4_84 | 140.7 | 0.857 | 0.0359 | 0.004 | 0.0059 | 0.0002 | 0.11034 | 35.6 | 3.9 | 37.9 | 1.3 | -50 | 190 | 37.9 | 1.3 | 6.5 |
| CH17M4_22 | 325.6 | 0.869 | 0.0396 | 0.0041 | 0.00591 | 0.00023 | 0.0026778 | 39.3 | 4 | 38 | 1.5 | 130 | 210 | 38.0 | 1.5 | 3.3 |
| CH17M4_111 | 201 | 1.261 | 0.0393 | 0.0024 | 0.00592 | 0.00013 | 0.023005 | 39 | 2.4 | 38.07 | 0.81 | 110 | 120 | 38.1 | 0.8 | 2.4 |
| CH17M4_100 | 292 | 1.023 | 0.0408 | 0.0031 | 0.00595 | 0.00014 | 0.30643 | 40.5 | 3 | 38.24 | 0.87 | 200 | 140 | 38.2 | 0.9 | 5.6 |
| CH17M4_25 | 571 | 0.838 | 0.0388 | 0.0015 | 0.005987 | 0.000081 | 0.17062 | 38.6 | 1.5 | 38.48 | 0.52 | 60 | 74 | 38.5 | 0.5 | 0.3 |
| CH17M4_17 | 281.2 | 0.904 | 0.044 | 0.0027 | 0.00599 | 0.00012 | 0.021737 | 43.7 | 2.6 | 38.52 | 0.8 | 330 | 130 | 38.5 | 0.8 | 11.9 |
| CH17M4_112 | 673 | 0.955 | 0.039 | 0.0022 | 0.006 | 0.00015 | 0.021948 | 38.8 | 2.1 | 38.55 | 0.96 | 90 | 120 | 38.6 | 1.0 | 0.6 |
| CH17M4_23 | 255 | 1.051 | 0.0409 | 0.0029 | 0.00601 | 0.00014 | 0.017559 | 40.6 | 2.8 | 38.6 | 0.87 | 160 | 130 | 38.6 | 0.9 | 4.9 |
| CH17M4_90 | 607 | 0.848 | 0.042 | 0.0038 | 0.00602 | 0.00015 | 0.40953 | 41.7 | 3.7 | 38.68 | 0.95 | 220 | 210 | 38.7 | 1.0 | 7.2 |
| CH17M4_81 | 305 | 0.7416 | 0.0417 | 0.0038 | 0.00602 | 0.00017 | 0.029409 | 41.4 | 3.7 | 38.7 | 1.1 | 180 | 170 | 38.7 | 1.1 | 6.5 |
| CH17M4_11 | 330 | 1.012 | 0.042 | 0.0023 | 0.00602 | 0.00011 | 0.032466 | 42.3 | 2.4 | 38.72 | 0.7 | 220 | 110 | 38.7 | 0.7 | 8.5 |
| CH17M4_21 | 389 | 0.821 | 0.0437 | 0.0042 | 0.00602 | 0.00012 | 0.67804 | 41.7 | 2.7 | 38.72 | 0.76 | 180 | 110 | 38.7 | 0.8 | 7.1 |
| CH17M4_113 | 275 | 1.131 | 0.039 | 0.0022 | 0.00604 | 0.00013 | 0.069564 | 38.7 | 2.1 | 38.81 | 0.83 | 70 | 110 | 38.8 | 0.8 | 0.3 |
| CH17M4_114 | 2360 | 3.18 | 0.0424 | 0.0031 | 0.00607 | 0.00019 | 0.60077 | 42.2 | 3 | 39 | 1.2 | 210 | 130 | 39.0 | 1.2 | 7.6 |
| CH17M4_5 | 188 | 1.156 | 0.0417 | 0.0031 | 0.00607 | 0.00014 | 0.076951 | 41.4 | 3 | 39.01 | 0.91 | 180 | 140 | 39.0 | 0.9 | 5.8 |
| CH17M4_108 | 414 | 1.53 | 0.044 | 0.0031 | 0.00607 | 0.00011 | 0.48622 | 43.5 | 3 | 39.03 | 0.69 | 250 | 110 | 39.0 | 0.7 | 10.3 |
| CH17M4_55 | 461 | 1.325 | 0.0439 | 0.0027 | 0.00608 | 0.00012 | 0.17949 | 43.6 | 2.6 | 39.08 | 0.79 | 270 | 130 | 39.1 | 0.8 | 10.4 |
| CH17M4_69 | 510 | 0.868 | 0.0431 | 0.0034 | 0.00609 | 0.00014 | 0.3244 | 42.8 | 3.3 | 39.13 | 0.92 | 230 | 170 | 39.1 | 0.9 | 8.6 |
| CH17M4_103 | 122.3 | 1.007 | 0.0426 | 0.005 | 0.0061 | 0.00021 | 0.014879 | 42 | 4.9 | 39.2 | 1.3 | 140 | 210 | 39.2 | 1.3 | 6.7 |
| CH17M4_85 | 659.4 | 0.6211 | 0.0406 | 0.002 | 0.00611 | 0.00014 | 0.041294 | 40.4 | 1.9 | 39.27 | 0.9 | 120 | 100 | 39.3 | 0.9 | 2.8 |
| CH17M4_87 | 231 | 0.986 | 0.0388 | 0.0031 | 0.00611 | 0.00014 | 0.033612 | 38.5 | 3 | 39.29 | 0.92 | 10 | 140 | 39.3 | 0.9 | 2.1 |
| CH17M4_72 | 244 | 0.926 | 0.0395 | 0.0028 | 0.00612 | 0.00012 | 0.064622 | 39.2 | 2.7 | 39.31 | 0.79 | 70 | 130 | 39.3 | 0.8 | 0.3 |
| CH17M4_86 | 130 | 0.89 | 0.0455 | 0.0086 | 0.00612 | 0.00034 | 0.073593 | 44.8 | 8.3 | 39.4 | 2.2 | 230 | 340 | 39.4 | 2.2 | 12.1 |
| CH17M4_13 | 518 | 0.85 | 0.04 | 0.0027 | 0.00614 | 0.00013 | 0.17568 | 39.7 | 2.6 | 39.44 | 0.8 | 60 | 120 | 39.4 | 0.8 | 0.7 |
| CH17M4_30 | 173.8 | 1.298 | 0.0417 | 0.0047 | 0.00615 | 0.00021 | 0.057134 | 41.3 | 4.5 | 39.5 | 1.4 | 140 | 210 | 39.5 | 1.4 | 4.4 |
| CH17M4_4 | 388 | 0.641 | 0.0412 | 0.0033 | 0.00616 | 0.00031 | 0.35451 | 41 | 3.2 | 39.6 | 2 | 140 | 150 | 39.6 | 2.0 | 3.4 |
| CH17M4_66 | 383 | 0.829 | 0.0397 | 0.0019 | 0.006166 | 0.000099 | 0.0077177 | 39.5 | 1.8 | 39.62 | 0.63 | 47 | 90 | 39.6 | 0.6 | 0.3 |
| CH17M4_51 | 699 | 1.027 | 0.0414 | 0.0035 | 0.00617 | 0.00014 | 0.14891 | 41.1 | 3.4 | 39.66 | 0.9 | 110 | 180 | 39.7 | 0.9 | 3.5 |
| CH17M4_8 | 215 | 1.245 | 0.041 | 0.0027 | 0.00618 | 0.00014 | 0.1981 | 40.6 | 2.6 | 39.68 | 0.91 | 140 | 120 | 39.7 | 0.9 | 2.3 |
| CH17M4_75 | 1270 | 0.3163 | 0.0394 | 0.0018 | 0.00619 | 0.00013 | 0.28634 | 39.2 | 1.8 | 39.79 | 0.8 | 31 | 81 | 39.8 | 0.8 | 1.5 |
| CH17M4_63 | 557 | 0.872 | 0.0434 | 0.002 | 0.006194 | 0.00009 | 0.17254 | 43 | 1.9 | 39.8 | 0.57 | 240 | 100 | 39.8 | 0.6 | 7.4 |
| CH17M4_10 | 339 | 0.897 | 0.0416 | 0.0024 | 0.00621 | 0.00013 | 0.13234 | 41.3 | 2.3 | 39.89 | 0.82 | 130 | 110 | 39.9 | 0.8 | 3.4 |
| CH17M4_115 | 97.5 | 0.834 | 0.0411 | 0.0045 | 0.00624 | 0.00021 | 0.039587 | 40.6 | 4.2 | 40.1 | 1.3 | 40 | 160 | 40.1 | 1.3 | 1.2 |
| CH17M4_101 | 421 | 0.767 | 0.0407 | 0.0019 | 0.006252 | 0.00009 | 0.096131 | 40.5 | 1.8 | 40.18 | 0.58 | 85 | 88 | 40.2 | 0.6 | 0.8 |
| CH17M4_106 | 4580 | 2.58 | 0.0423 | 0.0016 | 0.006277 | 0.000093 | 0.37686 | 42.1 | 1.5 | 40.34 | 0.6 | 138 | 70 | 40.3 | 0.6 | 4.2 |
| CH17M4_67 | 293 | 0.888 | 0.042 | 0.0026 | 0.0063 | 0.00012 | 0.0006525 | 41.6 | 2.6 | 40.51 | 0.79 | 90 | 120 | 40.5 | 0.8 | 2.6 |
| CH17M4_47 | 176 | 1.217 | 0.046 | 0.0032 | 0.00632 | 0.00014 | 0.01752 | 45.5 | 3.1 | 40.59 | 0.91 | 250 | 130 | 40.6 | 0.9 | 10.8 |
| CH17M4_116 | 264.8 | 1.395 | 0.0436 | 0.004 | 0.00632 | 0.00017 | 0.11392 | 43.2 | 3.9 | 40.6 | 1.1 | 160 | 170 | 40.6 | 1.1 | 6.0 |
| CH17M4_60 | 628 | 0.941 | 0.0442 | 0.0043 | 0.00632 | 0.00014 | 0.023225 | 43.9 | 4.2 | 40.64 | 0.9 | 200 | 190 | 40.6 | 0.9 | 7.4 |
| CH17M4_120 | 313 | 0.733 | 0.0422 | 0.0039 | 0.00637 | 0.00018 | 0.24337 | 41.9 | 3.8 | 40.9 | 1.1 | 80 | 160 | 40.9 | 1.1 | 2.4 |
| CH17M4_94 | 119.7 | 0.97 | 0.0426 | 0.0062 | 0.00639 | 0.00026 | 0.19912 | 42.1 | 6 | 41 | 1.6 | 70 | 250 | 41.0 | 1.6 | 2.6 |
| CH17M4_110 | 341 | 1.73 | 0.0429 | 0.0026 | 0.00639 | 0.00013 | 0.03339 | 42.6 | 2.5 | 41.07 | 0.84 | 160 | 120 | 41.1 | 0.8 | 3.6 |
| CH17M4_79 | 268 | 1.213 | 0.0421 | 0.0031 | 0.00639 | 0.00013 | 0.11158 | 41.7 | 3.1 | 41.08 | 0.82 | 9 | | | | |

| | | | | | | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|--------|--------|---------|--------|-----|------|----|------|----|--------|------|-----|
| CH17M4_37 | 353.1 | 4.74 | 5.93 | 0.12 | 0.3521 | 0.0033 | 0.88135 | 1960 | 17 | 1944 | 16 | 1970 | 22 | 1970.0 | 22.0 | 1.3 |
| CH17M4_20 | 115.6 | 1.324 | 7.236 | 0.077 | 0.392 | 0.0034 | 0.82837 | 2139.2 | 9.6 | 2131 | 16 | 2149 | 14 | 2149.0 | 14.0 | 0.8 |

| Grain # | [U] ppm | U/Th | 207/235 | | 206/238 | | RHO | 207/235 | | 206/238 | | 207/206 | | Best age | | % Disc. |
|------------|---------|--------|---------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| | | | 207/235 | 2σ error | 206/238 | 2σ error | | Age (Ma) | 2σ error | Age (Ma) | 2σ error | Age (Ma) | 2σ error | (Ma) | 2σ error | |
| CH17M5_109 | 161.9 | 1.098 | 0.0403 | 0.0033 | 0.0055 | 0.0015 | 0.024432 | 39.9 | 3.3 | 35.39 | 0.99 | 280 | 160 | 35.4 | 1.0 | 11.3 |
| CH17M5_13 | 308 | 0.827 | 0.0383 | 0.0032 | 0.00551 | 0.00017 | 0.052495 | 38.1 | 1.1 | 35.4 | 1.1 | 210 | 160 | 35.4 | 1.1 | 7.1 |
| CH17M5_65 | 251 | 1.752 | 0.0353 | 0.0022 | 0.00558 | 0.00013 | 0.11992 | 35.2 | 2.2 | 35.89 | 0.84 | 30 | 120 | 35.9 | 0.8 | 2.0 |
| CH17M5_87 | 384 | 0.897 | 0.0432 | 0.0035 | 0.00562 | 0.00017 | 0.053422 | 42.9 | 3.4 | 36.1 | 1.1 | 410 | 170 | 36.1 | 1.1 | 15.9 |
| CH17M5_15 | 81.7 | 1.065 | 0.0419 | 0.0043 | 0.00588 | 0.00021 | 0.084643 | 41.4 | 4.2 | 37.8 | 1.3 | 170 | 190 | 37.8 | 1.3 | 8.7 |
| CH17M5_54 | 116.7 | 0.79 | 0.0414 | 0.0067 | 0.00595 | 0.00028 | 0.19189 | 41 | 6.5 | 38.3 | 1.8 | 190 | 300 | 38.3 | 1.8 | 6.6 |
| CH17M5_1 | 379 | 1.291 | 0.0379 | 0.0018 | 0.005967 | 0.00009 | 0.10346 | 37.8 | 1.8 | 38.35 | 0.57 | 55 | 94 | 38.4 | 0.6 | 1.5 |
| CH17M5_10 | 246.6 | 1.279 | 0.0431 | 0.0028 | 0.00609 | 0.00011 | 0.16485 | 42.7 | 2.7 | 39.16 | 0.69 | 210 | 120 | 39.2 | 0.7 | 8.3 |
| CH17M5_72 | 109.4 | 0.745 | 0.042 | 0.0067 | 0.0061 | 0.00027 | 0.0042507 | 41.5 | 6.5 | 39.2 | 1.7 | 130 | 280 | 39.2 | 1.7 | 5.5 |
| CH17M5_98 | 157.8 | 0.702 | 0.0463 | 0.0036 | 0.0063 | 0.00016 | 0.11669 | 45.7 | 3.5 | 40.5 | 1 | 270 | 150 | 40.5 | 1.0 | 11.4 |
| CH17M5_120 | 342 | 0.972 | 0.0473 | 0.0061 | 0.00638 | 0.00036 | 0.13801 | 46.8 | 5.9 | 41 | 2.3 | 310 | 250 | 41.0 | 2.3 | 12.4 |
| CH17M5_83 | 159.5 | 0.3825 | 0.0461 | 0.0052 | 0.00642 | 0.00022 | 0.11048 | 45.5 | 5 | 41.2 | 1.4 | 190 | 220 | 41.2 | 1.4 | 9.5 |
| CH17M5_6 | 146.5 | 0.6939 | 0.0438 | 0.0035 | 0.00644 | 0.00015 | 0.20415 | 43.3 | 3.4 | 41.35 | 0.94 | 100 | 140 | 41.4 | 0.9 | 4.5 |
| CH17M5_86 | 257.9 | 0.59 | 0.0428 | 0.0025 | 0.00647 | 0.00014 | 0.10346 | 42.4 | 2.4 | 41.57 | 0.87 | 110 | 100 | 41.6 | 0.9 | 2.0 |
| CH17M5_24 | 129.7 | 0.777 | 0.0445 | 0.0037 | 0.00683 | 0.00017 | 0.019012 | 44 | 3.6 | 43.8 | 1.1 | 80 | 150 | 43.8 | 1.1 | 0.5 |
| CH17M5_85 | 315 | 0.662 | 0.05 | 0.0028 | 0.00698 | 0.00015 | 0.05608 | 49.4 | 2.7 | 44.84 | 0.94 | 270 | 110 | 44.8 | 0.9 | 9.2 |
| CH17M5_113 | 486 | 0.735 | 0.0525 | 0.0021 | 0.00776 | 0.00011 | 0.10701 | 51.9 | 2.1 | 49.81 | 0.67 | 150 | 80 | 49.8 | 0.7 | 4.0 |
| CH17M5_57 | 566 | 0.24 | 0.0592 | 0.0039 | 0.00811 | 0.00017 | 0.059007 | 58.3 | 3.7 | 52.1 | 1.1 | 290 | 130 | 52.1 | 1.1 | 10.6 |
| CH17M5_78 | 521 | 0.599 | 0.0592 | 0.0025 | 0.00841 | 0.00012 | 0.13747 | 58.3 | 2.4 | 53.99 | 0.77 | 215 | 78 | 54.0 | 0.8 | 7.4 |
| CH17M5_29 | 327.9 | 0.8509 | 0.0585 | 0.0026 | 0.00848 | 0.00013 | 0.0834 | 57.6 | 2.5 | 54.41 | 0.86 | 187 | 88 | 54.4 | 0.9 | 5.5 |
| CH17M5_44 | 590.8 | 0.686 | 0.0577 | 0.0021 | 0.00859 | 0.00011 | 0.12037 | 56.9 | 2 | 55.11 | 0.72 | 135 | 72 | 55.1 | 0.7 | 3.1 |
| CH17M5_2 | 440 | 0.793 | 0.0571 | 0.0022 | 0.0086 | 0.00013 | 0.053822 | 56.3 | 2.1 | 55.2 | 0.82 | 111 | 78 | 55.2 | 0.8 | 2.0 |
| CH17M5_103 | 545 | 0.782 | 0.0632 | 0.0035 | 0.00867 | 0.00014 | 0.24599 | 62.2 | 3.3 | 55.65 | 0.89 | 320 | 120 | 55.7 | 0.9 | 10.5 |
| CH17M5_64 | 301.6 | 0.718 | 0.0586 | 0.004 | 0.00869 | 0.0002 | 0.21366 | 58.4 | 4 | 55.8 | 1.3 | 160 | 130 | 55.8 | 1.3 | 4.5 |
| CH17M5_200 | 2400 | 0.3688 | 0.0575 | 0.0018 | 0.0087 | 0.00018 | 0.015381 | 56.8 | 1.8 | 55.8 | 1.2 | 128 | 90 | 55.8 | 1.2 | 1.8 |
| CH17M5_47 | 375.3 | 1.005 | 0.0576 | 0.0022 | 0.00871 | 0.00014 | 0.23181 | 56.7 | 2.1 | 55.92 | 0.92 | 108 | 73 | 55.9 | 0.9 | 1.4 |
| CH17M5_25 | 389 | 0.714 | 0.0609 | 0.0028 | 0.00879 | 0.00015 | 0.17851 | 59.9 | 2.7 | 56.42 | 0.96 | 177 | 86 | 56.4 | 1.0 | 5.8 |
| CH17M5_112 | 710 | 0.305 | 0.0597 | 0.0026 | 0.00881 | 0.0002 | 0.33998 | 58.8 | 2.5 | 56.5 | 1.3 | 154 | 82 | 56.5 | 1.3 | 3.9 |
| CH17M5_55 | 236 | 1.198 | 0.0583 | 0.0036 | 0.00912 | 0.00016 | 0.1742 | 57.3 | 3.5 | 58.5 | 1 | 20 | 110 | 58.5 | 1.0 | 2.1 |
| CH17M5_80 | 397 | 0.621 | 0.0659 | 0.0032 | 0.00921 | 0.00015 | 0.25047 | 64.6 | 3 | 59.09 | 0.98 | 244 | 86 | 59.1 | 1.0 | 8.5 |
| CH17M5_62 | 507 | 0.921 | 0.0633 | 0.0025 | 0.0093 | 0.00015 | 0.098957 | 62.2 | 2.3 | 59.69 | 0.93 | 156 | 79 | 59.7 | 0.9 | 4.0 |
| CH17M5_116 | 327 | 0.76 | 0.0602 | 0.0045 | 0.00934 | 0.0002 | 0.019274 | 59.2 | 4.3 | 59.9 | 1.3 | 90 | 150 | 59.9 | 1.3 | 1.2 |
| CH17M5_97 | 619.4 | 1.842 | 0.0619 | 0.0017 | 0.00948 | 0.0001 | 0.22734 | 60.9 | 1.6 | 60.79 | 0.65 | 95 | 56 | 60.8 | 0.7 | 0.2 |
| CH17M5_95 | 605 | 0.599 | 0.0657 | 0.0021 | 0.00948 | 0.00012 | 0.011593 | 64.6 | 2 | 60.85 | 0.78 | 198 | 64 | 60.9 | 0.8 | 5.8 |
| CH17M5_38 | 327 | 0.71 | 0.0639 | 0.0025 | 0.00978 | 0.00016 | 0.16543 | 63.1 | 2.4 | 62.7 | 1 | 101 | 75 | 62.7 | 1.0 | 0.6 |
| CH17M5_77 | 410 | 0.682 | 0.067 | 0.0046 | 0.00992 | 0.0002 | 0.12204 | 65.7 | 4.4 | 63.6 | 1.3 | 150 | 130 | 63.6 | 1.3 | 3.2 |
| CH17M5_41 | 108.3 | 1.189 | 0.1053 | 0.0075 | 0.01522 | 0.00031 | 0.16937 | 101.1 | 6.8 | 97.4 | 2 | 170 | 140 | 97.4 | 2.0 | 3.7 |
| CH17M5_31 | 57.1 | 1.581 | 0.123 | 0.015 | 0.01773 | 0.00058 | 0.13415 | 117 | 13 | 113.3 | 3.7 | 160 | 230 | 113.3 | 3.7 | 3.2 |
| CH17M5_63 | 279 | 0.94 | 0.1519 | 0.0047 | 0.02238 | 0.00027 | 0.022976 | 143.3 | 4.2 | 142.7 | 1.7 | 151 | 69 | 142.7 | 1.7 | 0.4 |
| CH17M5_74 | 330 | 0.385 | 0.1559 | 0.0048 | 0.02258 | 0.00038 | 0.053211 | 147 | 4.3 | 143.9 | 2.4 | 209 | 76 | 143.9 | 2.4 | 2.1 |
| CH17M5_91 | 451 | 1.299 | 0.1849 | 0.0042 | 0.02642 | 0.00025 | 0.32456 | 172.1 | 3.6 | 168.1 | 1.6 | 217 | 47 | 168.1 | 1.6 | 2.3 |
| CH17M5_69 | 344 | 3.63 | 0.1835 | 0.0047 | 0.02652 | 0.00028 | 0.15969 | 170.8 | 4 | 168.7 | 1.7 | 211 | 56 | 168.7 | 1.7 | 1.2 |
| CH17M5_102 | 581 | 1.44 | 0.1823 | 0.0036 | 0.027 | 0.00025 | 0.37786 | 169.8 | 3.1 | 171.7 | 1.6 | 151 | 40 | 171.7 | 1.6 | 1.1 |
| CH17M5_104 | 1015 | 1.067 | 0.1862 | 0.0048 | 0.02699 | 0.00035 | 0.34739 | 173.2 | 4.1 | 171.7 | 2.2 | 190 | 53 | 171.7 | 2.2 | 0.9 |
| CH17M5_100 | 130 | 1.202 | 0.307 | 0.017 | 0.03812 | 0.00094 | 0.15987 | 271 | 13 | 241.2 | 5.9 | 510 | 120 | 241.2 | 5.9 | 11.0 |
| CH17M5_34 | 93 | 0.544 | 0.2877 | 0.0094 | 0.03986 | 0.00066 | 0.027859 | 255.7 | 7.4 | 251.9 | 4.1 | 277 | 72 | 251.9 | 4.1 | 1.5 |
| CH17M5_21 | 105.1 | 0.6527 | 0.303 | 0.012 | 0.04158 | 0.00061 | 0.12757 | 269 | 9.5 | 262.6 | 3.8 | 309 | 84 | 262.6 | 3.8 | 2.4 |
| CH17M5_38 | 103.1 | 1.292 | 0.324 | 0.011 | 0.04397 | 0.00066 | 0.058985 | 284 | 8.4 | 277.4 | 4 | 323 | 75 | 277.4 | 4.0 | 2.3 |
| CH17M5_48 | 627 | 1.217 | 0.3464 | 0.0056 | 0.04734 | 0.0005 | 0.25102 | 301.7 | 4.2 | 298.1 | 3.1 | 322 | 38 | 298.1 | 3.1 | 1.2 |
| CH17M5_108 | 333.3 | 1.345 | 0.487 | 0.032 | 0.0516 | 0.0012 | 0.19725 | 399 | 21 | 324.2 | 7.5 | 800 | 130 | 324.2 | 7.5 | 18.7 |
| CH17M5_111 | 424 | 2.84 | 0.403 | 0.026 | 0.0522 | 0.0016 | 0.40115 | 343 | 19 | 328.2 | 9.8 | 430 | 120 | 328.2 | 9.8 | 4.3 |
| CH17M5_33 | 166 | 0.846 | 0.421 | 0.016 | 0.0558 | 0.0011 | 0.044523 | 356 | 12 | 349.9 | 6.7 | 379 | 91 | 349.9 | 6.7 | 1.7 |
| CH17M5_73 | 183.6 | 0.606 | 0.464 | 0.011 | 0.06072 | 0.00067 | 0.35957 | 385.7 | 7.9 | 380 | 4.1 | 408 | 53 | 380.0 | 4.1 | 1.5 |
| CH17M5_84 | 2267 | 3.152 | 0.4933 | 0.0065 | 0.0648 | 0.00072 | 0.47867 | 407 | 4.4 | 404.7 | 4.4 | 421 | 28 | 404.7 | 4.4 | 0.6 |
| CH17M5_71 | 817 | 0.929 | 0.563 | 0.012 | 0.0698 | 0.0013 | 0.3865 | 453.1 | 7.9 | 435.1 | 7.6 | 543 | 48 | 435.1 | 7.6 | 4.0 |
| CH17M5_81 | 147.4 | 0.6166 | 0.542 | 0.014 | 0.06999 | 0.00065 | 0.13609 | 438.5 | 8.9 | 436.1 | 3.9 | 434 | 56 | 436.1 | 3.9 | 0.5 |
| CH17M5_115 | 1115 | 1.654 | 0.579 | 0.014 | 0.0739 | 0.0012 | 0.52702 | 463.6 | 8.9 | 459.6 | 7 | 467 | 46 | 459.6 | 7.0 | 0.9 |
| CH17M5_92 | 241.9 | 1.285 | 0.68 | 0.017 | 0.07892 | 0.00092 | 0.33043 | 526 | 10 | 489.6 | 5.5 | 676 | 51 | 489.6 | 5.5 | 6.9 |
| CH17M5_20 | 749 | 2.03 | 0.756 | 0.012 | 0.09125 | 0.00086 | 0.40972 | 571.2 | 6.7 | 562.9 | 5.1 | 609 | 30 | 562.9 | 5.1 | 1.5 |
| CH17M5_18 | 171.2 | 1.462 | 0.745 | 0.016 | 0.0914 | 0.001 | 0.066764 | 564.4 | 9.5 | 564 | 6.2 | 562 | 53 | 564.0 | 6.2 | 0.1 |
| CH17M5_117 | 157.4 | 2.696 | 0.752 | 0.013 | 0.09197 | 0.00085 | 0.32933 | 568.2 | 7.7 | 567.1 | 5 | 556 | 39 | 567.1 | 5.0 | 0.2 |
| CH17M5_22 | 353 | 1.259 | 0.771 | 0.011 | 0.09271 | 0.00072 | 0.35935 | 579.6 | 6.3 | 571.5 | 4.3 | 604 | 33 | 571.5 | 4.3 | 1.4 |
| CH17M5_30 | 405.1 | 0.7519 | 0.77 | 0.011 | 0.09345 | 0.00078 | 0.23476 | 580 | 6.2 | 575.9 | 4.6 | 579 | 33 | 575.9 | 4.6 | 0.7 |
| CH17M5_68 | 415 | 1.487 | 0.783 | 0.011 | 0.09429 | 0.00061 | 0.17207 | 586.2 | 6 | 580.8 | 3.6 | 602 | 30 | 580.8 | 3.6 | 0.9 |
| CH17M5_52 | 180 | 0.887 | 0.816 | 0.021 | 0.0953 | 0.0011 | 0.23417 | 604 | 12 | 586.8 | 6.7 | 659 | 56 | 586.8 | 6.7 | 2.8 |
| CH17M5_7 | 334 | 0.1922 | 0.8 | 0.014 | 0.0965 | 0.0011 | 0.21814 | 596.1 | 8.1 | 593.8 | 6.6 | 599 | 41 | 593.8 | 6.6 | 0.4 |
| CH17M5_93 | 267.7 | 1.404 | 0.855 | 0.011 | 0.10028 | 0.00083 | 0.31991 | 625.6 | 6.2 | 616 | 4.9 | 669 | 27 | 616.0 | 4.9 | 1.7 |
| CH17M5_82 | 103.4 | 0.346 | 0.906 | 0.034 | 0.1007 | 0.0023 | 0.60133 | 653 | 18 | 618 | 13 | 763 | 63 | 618.0 | 13.0 | 5.4 |
| CH17M5_3 | 485 | 2.234 | 0.8803 | 0.0099 | 0.10412 | 0.00068 | 0.38045 | 640.7 | 5.3 | 638.5 | 4 | 641 | 22 | 638.5 | | |

| | | | | | | | | | | | | | | | | |
|------------|-------|-------|--------|-------|--------|--------|---------|--------|-----|------|----|--------|-----|--------|------|------|
| CH17M5_94 | 1053 | 2.26 | 6.89 | 0.13 | 0.384 | 0.017 | 0.10639 | 2097 | 17 | 2096 | 81 | 2098 | 92 | 2098.0 | 92.0 | 0.1 |
| CH17M5_4 | 94.4 | 1.332 | 6.62 | 0.083 | 0.3527 | 0.004 | 0.37872 | 2061 | 11 | 1947 | 19 | 2176 | 23 | 2176.0 | 23.0 | 10.5 |
| CH17M5_51 | 287 | 0.977 | 8.97 | 0.11 | 0.4446 | 0.0045 | 0.54082 | 2334 | 11 | 2371 | 20 | 2302 | 18 | 2302.0 | 18.0 | 3.0 |
| CH17M5_61 | 59.7 | 0.594 | 8.97 | 0.24 | 0.433 | 0.01 | 0.91706 | 2332 | 26 | 2319 | 47 | 2348 | 24 | 2348.0 | 24.0 | 1.2 |
| CH17M5_32 | 107 | 1.24 | 9.98 | 0.21 | 0.4538 | 0.0062 | 0.82326 | 2422 | 23 | 2410 | 28 | 2432 | 28 | 2432.0 | 28.0 | 0.9 |
| CH17M5_19 | 258.6 | 0.803 | 9.51 | 0.16 | 0.4186 | 0.0045 | 0.65222 | 2386 | 15 | 2253 | 20 | 2501 | 20 | 2501.0 | 20.0 | 9.9 |
| CH17M5_105 | 289 | 1.37 | 10.96 | 0.18 | 0.4786 | 0.0073 | 0.90641 | 2515 | 16 | 2518 | 32 | 2510 | 12 | 2510.0 | 12.0 | 0.3 |
| CH17M5_119 | 269 | 1.518 | 11.23 | 0.12 | 0.4927 | 0.0047 | 0.55212 | 2541.4 | 9.5 | 2582 | 20 | 2512 | 16 | 2512.0 | 16.0 | 2.8 |
| CH17M5_49 | 263.9 | 0.932 | 10.47 | 0.19 | 0.4555 | 0.0082 | 0.81639 | 2476 | 17 | 2418 | 36 | 2522 | 19 | 2522.0 | 19.0 | 4.1 |
| CH17M5_56 | 86.2 | 1.151 | 13.48 | 0.27 | 0.587 | 0.01 | 0.67728 | 2711 | 19 | 2975 | 42 | 2522 | 26 | 2522.0 | 26.0 | 18.0 |
| CH17M5_42 | 550 | 1.29 | 12.116 | 0.093 | 0.5204 | 0.0043 | 0.78345 | 2612.5 | 7.2 | 2700 | 18 | 2547.6 | 8.3 | 2547.6 | 8.3 | 6.0 |
| CH17M5_39 | 159.7 | 1.321 | 11.9 | 0.17 | 0.5006 | 0.0066 | 0.64207 | 2596 | 14 | 2615 | 28 | 2579 | 20 | 2579.0 | 20.0 | 1.4 |
| CH17M5_12 | 226.4 | 1.45 | 12.13 | 0.16 | 0.4849 | 0.0065 | 0.5821 | 2612 | 12 | 2550 | 28 | 2669 | 16 | 2669.0 | 16.0 | 4.5 |

| Grain # | [U] ppm | U/Th | 207/235 | | 206/238 | | RHO | 207/235 | | 206/238 | | 207/206 | | Best age | | % Disc. |
|------------|---------|--------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|---------|-----|----------|-----|---------|
| | | | Age (Ma) | 2σ error | Age (Ma) | 2σ error | | Age (Ma) | 2σ error | Age (Ma) | 2σ error | | | | | |
| CH17M6_45 | 204.6 | 1.04 | 0.0354 | 0.0029 | 0.0052 | 0.0014 | 0.093947 | 35.7 | 3 | 33.45 | 0.87 | 140 | 160 | 33.5 | 0.9 | 6.3 |
| CH17M6_65 | 800 | 0.52 | 0.0379 | 0.002 | 0.00531 | 0.0011 | 0.38174 | 37.7 | 2 | 34.12 | 0.71 | 270 | 110 | 34.1 | 0.7 | 9.5 |
| CH17M6_76 | 224 | 0.753 | 0.0356 | 0.0048 | 0.00545 | 0.0018 | 0.072034 | 35.5 | 4.7 | 35 | 1.1 | 50 | 240 | 35.0 | 1.1 | 1.4 |
| CH17M6_29 | 369.7 | 1.335 | 0.0376 | 0.0034 | 0.00549 | 0.0015 | 0.12759 | 37.4 | 3.3 | 35.27 | 0.96 | 160 | 170 | 35.3 | 1.0 | 5.7 |
| CH17M6_14 | 294.6 | 1.333 | 0.0397 | 0.0033 | 0.00556 | 0.0017 | 0.012982 | 39.4 | 3.2 | 35.7 | 1.1 | 290 | 180 | 35.7 | 1.1 | 9.4 |
| CH17M6_99 | 973 | 0.5286 | 0.0384 | 0.0026 | 0.00564 | 0.0012 | 0.17224 | 38.2 | 2.5 | 36.29 | 0.74 | 160 | 130 | 36.3 | 0.7 | 5.0 |
| CH17M6_22 | 488 | 0.787 | 0.0391 | 0.0019 | 0.00569 | 0.001 | 0.10049 | 38.9 | 1.9 | 36.57 | 0.67 | 181 | 98 | 36.6 | 0.7 | 6.0 |
| CH17M6_55 | 493 | 0.4336 | 0.0371 | 0.002 | 0.00573 | 0.0012 | 0.10679 | 37 | 2 | 36.85 | 0.79 | 90 | 110 | 36.9 | 0.8 | 0.4 |
| CH17M6_24 | 515 | 0.675 | 0.0404 | 0.003 | 0.00583 | 0.0011 | 0.17753 | 40.2 | 2.9 | 37.45 | 0.71 | 180 | 150 | 37.5 | 0.7 | 6.8 |
| CH17M6_31 | 600 | 0.816 | 0.0381 | 0.0025 | 0.00588 | 0.0012 | 0.021262 | 38 | 2.5 | 37.82 | 0.78 | 60 | 120 | 37.8 | 0.8 | 0.5 |
| CH17M6_118 | 181 | 0.984 | 0.0409 | 0.0033 | 0.00589 | 0.0013 | 0.09422 | 40.5 | 3.2 | 37.85 | 0.86 | 140 | 140 | 37.9 | 0.9 | 6.5 |
| CH17M6_119 | 565 | 0.567 | 0.0399 | 0.0022 | 0.00592 | 0.0011 | 0.042792 | 39.7 | 2.1 | 38.06 | 0.74 | 170 | 120 | 38.1 | 0.7 | 4.1 |
| CH17M6_63 | 259 | 0.636 | 0.0429 | 0.003 | 0.00599 | 0.0013 | 0.086994 | 42.5 | 2.9 | 38.5 | 0.83 | 240 | 130 | 38.5 | 0.8 | 9.4 |
| CH17M6_42 | 212 | 0.6813 | 0.0444 | 0.003 | 0.00652 | 0.0016 | 0.056202 | 43.9 | 2.9 | 41.9 | 1 | 140 | 120 | 41.9 | 1.0 | 4.6 |
| CH17M6_17 | 371 | 1.627 | 0.0488 | 0.0023 | 0.0067 | 0.001 | 0.14908 | 48.3 | 2.2 | 43.04 | 0.65 | 275 | 92 | 43.0 | 0.7 | 10.9 |
| CH17M6_61 | 232 | 0.6809 | 0.0503 | 0.003 | 0.00692 | 0.0014 | 0.083276 | 49.7 | 2.9 | 44.48 | 0.9 | 290 | 120 | 44.5 | 0.9 | 10.5 |
| CH17M6_53 | 154.5 | 0.964 | 0.045 | 0.0035 | 0.00692 | 0.0017 | 0.038661 | 44.5 | 3.3 | 44.5 | 1.1 | 70 | 140 | 44.5 | 1.1 | 0.0 |
| CH17M6_41 | 184.1 | 0.7812 | 0.0446 | 0.0027 | 0.00695 | 0.0015 | 0.026295 | 44.2 | 2.7 | 44.67 | 0.96 | 30 | 110 | 44.7 | 1.0 | 1.1 |
| CH17M6_87 | 220 | 1.029 | 0.0475 | 0.0027 | 0.00724 | 0.0015 | 0.10236 | 47 | 2.6 | 46.49 | 0.98 | 100 | 110 | 46.5 | 1.0 | 1.1 |
| CH17M6_56 | 271.3 | 0.855 | 0.0541 | 0.004 | 0.00791 | 0.0016 | 0.011839 | 53.4 | 3.8 | 50.8 | 1 | 150 | 140 | 50.8 | 1.0 | 4.9 |
| CH17M6_79 | 551 | 1.056 | 0.0527 | 0.0033 | 0.00811 | 0.0018 | 0.30781 | 52.1 | 3.2 | 52.1 | 1.1 | 80 | 120 | 52.1 | 1.1 | 0.0 |
| CH17M6_6 | 367 | 0.906 | 0.0571 | 0.0027 | 0.00816 | 0.0014 | 0.042548 | 56.3 | 2.6 | 52.41 | 0.86 | 213 | 91 | 52.4 | 0.9 | 6.9 |
| CH17M6_16 | 614 | 0.664 | 0.0537 | 0.0016 | 0.00823 | 0.0011 | 0.062878 | 53.1 | 1.6 | 52.82 | 0.73 | 86 | 62 | 52.8 | 0.7 | 0.5 |
| CH17M6_78 | 623 | 0.541 | 0.0533 | 0.0029 | 0.00826 | 0.0015 | 0.23429 | 52.7 | 2.8 | 53.01 | 0.99 | 50 | 100 | 53.0 | 1.0 | 0.6 |
| CH17M6_20 | 441 | 0.794 | 0.0544 | 0.0034 | 0.00832 | 0.0017 | 0.15937 | 53.7 | 3.3 | 53.4 | 1.1 | 80 | 120 | 53.4 | 1.1 | 0.6 |
| CH17M6_21 | 549 | 0.784 | 0.0552 | 0.002 | 0.00835 | 0.0011 | 0.12924 | 54.7 | 2 | 53.58 | 0.73 | 97 | 70 | 53.6 | 0.7 | 2.0 |
| CH17M6_82 | 335.2 | 0.952 | 0.0558 | 0.0031 | 0.00835 | 0.0019 | 0.064483 | 55.1 | 2.9 | 53.6 | 1.2 | 180 | 120 | 53.6 | 1.2 | 2.7 |
| CH17M6_27 | 550 | 0.794 | 0.0559 | 0.0021 | 0.008386 | 0.00096 | 0.10077 | 55.2 | 2 | 53.83 | 0.61 | 119 | 73 | 53.8 | 0.6 | 2.5 |
| CH17M6_8 | 532 | 0.699 | 0.054 | 0.0026 | 0.00841 | 0.0014 | 0.25907 | 53.3 | 2.5 | 53.96 | 0.91 | 49 | 88 | 54.0 | 0.9 | 1.2 |
| CH17M6_49 | 460 | 0.743 | 0.0561 | 0.0027 | 0.00842 | 0.0014 | 0.023184 | 55.3 | 2.6 | 54.08 | 0.88 | 118 | 97 | 54.1 | 0.9 | 2.2 |
| CH17M6_106 | 1156 | 0.383 | 0.058 | 0.0015 | 0.00847 | 0.0013 | 0.14899 | 57.2 | 1.5 | 54.39 | 0.81 | 177 | 54 | 54.4 | 0.8 | 4.9 |
| CH17M6_54 | 325.9 | 0.819 | 0.0553 | 0.0033 | 0.00852 | 0.0019 | 0.13813 | 54.5 | 3.1 | 54.7 | 1.2 | 70 | 120 | 54.7 | 1.2 | 0.4 |
| CH17M6_96 | 503 | 0.789 | 0.0567 | 0.002 | 0.008523 | 0.00091 | 0.0016987 | 55.9 | 1.9 | 54.71 | 0.58 | 117 | 71 | 54.7 | 0.6 | 2.1 |
| CH17M6_68 | 601 | 0.73 | 0.054 | 0.0019 | 0.00853 | 0.0011 | 0.20575 | 53.3 | 1.8 | 54.75 | 0.69 | 32 | 67 | 54.8 | 0.7 | 2.7 |
| CH17M6_72 | 354 | 1.012 | 0.0604 | 0.0024 | 0.00858 | 0.0014 | 0.16745 | 59.4 | 2.3 | 55.05 | 0.89 | 243 | 83 | 55.1 | 0.9 | 7.3 |
| CH17M6_91 | 394 | 0.875 | 0.0573 | 0.0025 | 0.00858 | 0.0013 | 0.2435 | 56.5 | 2.4 | 55.06 | 0.84 | 135 | 85 | 55.1 | 0.8 | 2.5 |
| CH17M6_117 | 557 | 0.651 | 0.0591 | 0.0021 | 0.00864 | 0.0011 | 0.23625 | 58.3 | 2 | 55.46 | 0.67 | 180 | 72 | 55.5 | 0.7 | 4.9 |
| CH17M6_38 | 1076 | 0.2819 | 0.0559 | 0.0018 | 0.00869 | 0.0011 | 0.23174 | 55.2 | 1.7 | 55.79 | 0.72 | 51 | 62 | 55.8 | 0.7 | 1.1 |
| CH17M6_71 | 385 | 1.015 | 0.0589 | 0.0024 | 0.00876 | 0.0013 | 0.05755 | 58 | 2.3 | 56.23 | 0.8 | 135 | 84 | 56.2 | 0.8 | 3.1 |
| CH17M6_110 | 346 | 0.855 | 0.0569 | 0.0028 | 0.00877 | 0.0013 | 0.0029575 | 56.1 | 2.7 | 56.3 | 0.86 | 69 | 94 | 56.3 | 0.9 | 0.4 |
| CH17M6_85 | 412 | 0.764 | 0.0593 | 0.0025 | 0.00882 | 0.0015 | 0.27232 | 58.4 | 2.4 | 56.63 | 0.98 | 151 | 84 | 56.6 | 1.0 | 3.0 |
| CH17M6_102 | 235.2 | 0.792 | 0.0607 | 0.0047 | 0.00898 | 0.0023 | 0.082563 | 59.6 | 4.5 | 57.6 | 1.5 | 130 | 150 | 57.6 | 1.5 | 3.4 |
| CH17M6_59 | 565 | 0.799 | 0.0605 | 0.002 | 0.009 | 0.0012 | 0.043439 | 59.6 | 1.9 | 57.74 | 0.75 | 140 | 70 | 57.7 | 0.8 | 3.1 |
| CH17M6_94 | 198.6 | 0.735 | 0.0656 | 0.0046 | 0.009 | 0.0018 | 0.087917 | 64.2 | 4.4 | 57.8 | 1.1 | 270 | 130 | 57.8 | 1.1 | 10.0 |
| CH17M6_97 | 327 | 1.049 | 0.058 | 0.0026 | 0.00902 | 0.0015 | 0.17254 | 57.1 | 2.5 | 57.91 | 0.97 | 64 | 85 | 57.9 | 1.0 | 1.4 |
| CH17M6_95 | 171 | 0.644 | 0.0584 | 0.0041 | 0.00904 | 0.0018 | 0.068443 | 57.3 | 3.9 | 58 | 1.2 | 50 | 130 | 58.0 | 1.2 | 1.2 |
| CH17M6_30 | 542 | 0.721 | 0.0607 | 0.0029 | 0.00911 | 0.0014 | 0.14688 | 59.7 | 2.8 | 58.49 | 0.91 | 117 | 92 | 58.5 | 0.9 | 2.0 |
| CH17M6_88 | 432 | 0.899 | 0.0585 | 0.0023 | 0.00915 | 0.0014 | 0.11288 | 57.7 | 2.2 | 58.69 | 0.92 | 31 | 74 | 58.7 | 0.9 | 1.7 |
| CH17M6_114 | 441 | 1.118 | 0.0614 | 0.0026 | 0.00921 | 0.0015 | 0.12818 | 60.4 | 2.5 | 59.1 | 0.97 | 119 | 82 | 59.1 | 1.0 | 2.2 |
| CH17M6_9 | 359 | 0.75 | 0.063 | 0.004 | 0.00925 | 0.0019 | 0.011199 | 61.9 | 3.8 | 59.4 | 1.2 | 160 | 130 | 59.4 | 1.2 | 4.0 |
| CH17M6_109 | 302 | 1.075 | 0.0603 | 0.0056 | 0.00929 | 0.0026 | 0.31082 | 59.3 | 5.4 | 59.6 | 1.7 | 60 | 170 | 59.6 | 1.7 | 0.5 |
| CH17M6_74 | 238 | 0.654 | 0.0631 | 0.0032 | 0.00929 | 0.0015 | 0.073728 | 61.9 | 3 | 59.62 | 0.97 | 152 | 97 | 59.6 | 1.0 | 3.7 |
| CH17M6_62 | 223.1 | 1.053 | 0.072 | 0.0046 | 0.0093 | 0.0019 | 0.11387 | 70.4 | 4.3 | 59.7 | 1.2 | 420 | 130 | 59.7 | 1.2 | 15.2 |
| CH17M6_112 | 173 | 0.549 | 0.062 | 0.0051 | 0.00933 | 0.0026 | 0.13993 | 60.9 | 4.9 | 59.8 | 1.7 | 120 | 170 | 59.8 | 1.7 | 1.8 |
| CH17M6_120 | 495 | 0.571 | 0.0653 | 0.0047 | 0.00988 | 0.0021 | 0.8264 | 63.9 | 4.3 | 63.4 | 1.4 | 25 | 71 | 63.4 | 1.4 | 0.8 |
| CH17M6_12 | 352 | 0.969 | 0.288 | 0.0063 | 0.0404 | 0.0038 | 0.15289 | 256.5 | 5 | 255.3 | 2.4 | 261 | 48 | 255.3 | 2.4 | 0.5 |
| CH17M6_4 | 190.5 | 1.382 | 0.3011 | 0.0086 | 0.04168 | 0.0045 | 0.072889 | 266.5 | 6.7 | 263.2 | 2.8 | 289 | 62 | 263.2 | 2.8 | 1.2 |
| CH17M6_103 | 191.6 | 0.902 | 0.305 | 0.016 | 0.04205 | 0.0096 | 0.21064 | 270 | 13 | 265.5 | 5.9 | 300 | 130 | 265.5 | 5.9 | 1.7 |
| CH17M6_52 | 369 | 0.86 | 0.3004 | 0.0068 | 0.04233 | 0.0038 | 0.18543 | 266.3 | 5.4 | 267.3 | 2.3 | 27 | | | | |

| | | | | | | | | | | | | | | | | |
|------------|-------|--------|--------|-------|--------|--------|----------|--------|-----|------|----|--------|-----|--------|------|------|
| CH17M6_11 | 122.4 | 0.995 | 1.737 | 0.041 | 0.1714 | 0.0023 | 0.10055 | 1021 | 15 | 1022 | 11 | 1019 | 52 | 1019.0 | 52.0 | 0.3 |
| CH17M6_23 | 161.3 | 1.18 | 1.737 | 0.046 | 0.171 | 0.0025 | 0.083016 | 1021 | 17 | 1018 | 14 | 1022 | 64 | 1022.0 | 64.0 | 0.4 |
| CH17M6_34 | 1595 | 4.031 | 4.596 | 0.08 | 0.3115 | 0.0052 | 0.94598 | 1745 | 15 | 1746 | 26 | 1747 | 11 | 1747.0 | 11.0 | 0.1 |
| CH17M6_2 | 218.1 | 1.078 | 4.111 | 0.042 | 0.2773 | 0.0025 | 0.32457 | 1655.9 | 8.4 | 1577 | 13 | 1752 | 21 | 1752.0 | 21.0 | 10.0 |
| CH17M6_47 | 201.9 | 1 | 4.049 | 0.065 | 0.2737 | 0.004 | 0.50625 | 1643 | 13 | 1559 | 20 | 1752 | 28 | 1752.0 | 28.0 | 11.0 |
| CH17M6_81 | 874 | 9.04 | 4.98 | 0.043 | 0.325 | 0.0025 | 0.69614 | 1815.4 | 7.2 | 1814 | 12 | 1817 | 12 | 1817.0 | 12.0 | 0.2 |
| CH17M6_57 | 56.5 | 0.861 | 5.18 | 0.11 | 0.3326 | 0.006 | 0.69788 | 1847 | 17 | 1849 | 29 | 1832 | 27 | 1832.0 | 27.0 | 0.9 |
| CH17M6_86 | 458.9 | 2.98 | 5.159 | 0.06 | 0.331 | 0.0036 | 0.63901 | 1845 | 9.9 | 1843 | 17 | 1846 | 17 | 1846.0 | 17.0 | 0.2 |
| CH17M6_19 | 148 | 0.706 | 5.16 | 0.18 | 0.33 | 0.011 | 0.87426 | 1841 | 31 | 1836 | 56 | 1851 | 35 | 1851.0 | 35.0 | 0.8 |
| CH17M6_115 | 250 | 2.06 | 5.694 | 0.051 | 0.3619 | 0.0025 | 0.58221 | 1929.6 | 7.8 | 1991 | 12 | 1863 | 14 | 1863.0 | 14.0 | 6.9 |
| CH17M6_77 | 404 | 1.796 | 5.628 | 0.045 | 0.3463 | 0.0021 | 0.55585 | 1919.8 | 6.8 | 1917 | 10 | 1921 | 13 | 1921.0 | 13.0 | 0.2 |
| CH17M6_108 | 344 | 1.87 | 5.68 | 0.14 | 0.3451 | 0.0043 | 0.85515 | 1917 | 13 | 1910 | 20 | 1931 | 16 | 1931.0 | 16.0 | 1.1 |
| CH17M6_104 | 210.2 | 1.651 | 6.368 | 0.066 | 0.3701 | 0.0033 | 0.64151 | 2027 | 9.2 | 2029 | 16 | 2024 | 17 | 2024.0 | 17.0 | 0.2 |
| CH17M6_92 | 648.6 | 2.374 | 6.279 | 0.068 | 0.3545 | 0.003 | 0.71287 | 2014.9 | 9.5 | 1956 | 14 | 2076 | 13 | 2076.0 | 13.0 | 5.8 |
| CH17M6_39 | 103.3 | 0.904 | 8.59 | 0.16 | 0.4208 | 0.0054 | 0.83943 | 2292 | 18 | 2262 | 25 | 2317 | 19 | 2317.0 | 19.0 | 2.4 |
| CH17M6_67 | 365 | 0.8998 | 9.749 | 0.062 | 0.4545 | 0.0026 | 0.7789 | 2410.7 | 5.9 | 2415 | 12 | 2403.3 | 9.4 | 2403.3 | 9.4 | 0.5 |
| CH17M6_75 | 205.6 | 0.3683 | 9.891 | 0.074 | 0.447 | 0.0035 | 0.64043 | 2424.1 | 6.9 | 2381 | 16 | 2456 | 12 | 2456.0 | 12.0 | 3.1 |
| CH17M6_116 | 131 | 0.444 | 10.37 | 0.45 | 0.4671 | 0.0087 | 0.83792 | 2466 | 40 | 2471 | 38 | 2460 | 50 | 2460.0 | 50.0 | 0.4 |
| CH17M6_64 | 155.4 | 0.579 | 9.41 | 0.13 | 0.4212 | 0.0054 | 0.64093 | 2378 | 13 | 2265 | 24 | 2474 | 21 | 2474.0 | 21.0 | 8.4 |
| CH17M6_3 | 92.4 | 0.694 | 9.449 | 0.092 | 0.4218 | 0.0031 | 0.498 | 2381.5 | 9 | 2268 | 14 | 2479 | 15 | 2479.0 | 15.0 | 8.5 |
| CH17M6_107 | 161.7 | 0.891 | 10.568 | 0.092 | 0.4642 | 0.0036 | 0.4102 | 2485.3 | 8.1 | 2458 | 16 | 2508 | 15 | 2508.0 | 15.0 | 2.0 |
| CH17M6_98 | 55.9 | 0.9 | 10.97 | 0.16 | 0.4788 | 0.0067 | 0.5561 | 2518 | 14 | 2520 | 29 | 2521 | 22 | 2521.0 | 22.0 | 0.0 |
| CH17M6_80 | 111 | 0.815 | 11.39 | 0.16 | 0.4826 | 0.0067 | 0.40416 | 2555 | 13 | 2538 | 29 | 2567 | 25 | 2567.0 | 25.0 | 1.1 |
| CH17M6_111 | 128.1 | 1.093 | 12.61 | 0.12 | 0.4988 | 0.0051 | 0.58972 | 2650.3 | 9.3 | 2608 | 22 | 2686 | 16 | 2686.0 | 16.0 | 2.9 |
| CH17M6_113 | 87 | 0.631 | 16.58 | 0.26 | 0.5696 | 0.0088 | 0.66977 | 2910 | 15 | 2905 | 36 | 2913 | 21 | 2913.0 | 21.0 | 0.3 |

| Grain # | [U] ppm | U/Th | 207/235 | | 206/238 | | RHO | 207/235 | | 206/238 | | 207/206 | | Best age | | % Disc. |
|-------------|---------|--------|----------|----------|----------|----------|------------|----------|----------|----------|----------|---------|-----|----------|-----|---------|
| | | | Age (Ma) | 2σ error | Age (Ma) | 2σ error | | Age (Ma) | 2σ error | Age (Ma) | 2σ error | | | | | |
| CH17S10_84 | 207 | 1.463 | 0.028 | 0.0027 | 0.00406 | 0.00014 | 0.073987 | 28 | 2.6 | 26.11 | 0.92 | 160 | 180 | 26.1 | 0.9 | 6.8 |
| CH17S10_63 | 445 | 1.016 | 0.0408 | 0.002 | 0.00575 | 0.0001 | 0.085146 | 40.5 | 1.9 | 36.95 | 0.66 | 230 | 100 | 37.0 | 0.7 | 8.8 |
| CH17S10_24 | 350 | 1.214 | 0.0381 | 0.0019 | 0.005922 | 0.000098 | 0.089269 | 37.9 | 1.9 | 38.06 | 0.63 | 55 | 99 | 38.1 | 0.6 | 0.4 |
| CH17S10_99 | 312.6 | 1.015 | 0.0422 | 0.0025 | 0.00594 | 0.00015 | 0.32084 | 41.9 | 2.4 | 38.15 | 0.95 | 230 | 110 | 38.2 | 1.0 | 8.9 |
| CH17S10_49 | 164 | 1.049 | 0.0407 | 0.0029 | 0.00595 | 0.00018 | 0.076951 | 40.4 | 2.8 | 38.2 | 1.2 | 230 | 150 | 38.2 | 1.2 | 5.4 |
| CH17S10_55 | 123.2 | 0.6499 | 0.0407 | 0.0041 | 0.00594 | 0.00018 | 0.030851 | 40.2 | 4 | 38.2 | 1.1 | 120 | 180 | 38.2 | 1.1 | 5.0 |
| CH17S10_58 | 123 | 0.752 | 0.0432 | 0.006 | 0.00594 | 0.00031 | 0.067035 | 42.7 | 5.8 | 38.2 | 2 | 230 | 260 | 38.2 | 2.0 | 10.5 |
| CH17S10_101 | 173.2 | 0.7565 | 0.0456 | 0.0039 | 0.0064 | 0.00019 | 0.024453 | 45 | 3.8 | 41.1 | 1.2 | 210 | 170 | 41.1 | 1.2 | 8.7 |
| CH17S10_75 | 134.2 | 0.763 | 0.0442 | 0.0036 | 0.0064 | 0.00017 | 0.10125 | 43.7 | 3.5 | 41.2 | 1.1 | 150 | 150 | 41.2 | 1.1 | 5.7 |
| CH17S10_90 | 227 | 0.856 | 0.0531 | 0.0053 | 0.00675 | 0.0002 | 0.12516 | 52.3 | 5.1 | 43.4 | 1.2 | 390 | 200 | 43.4 | 1.2 | 17.0 |
| CH17S10_80 | 242 | 0.709 | 0.0474 | 0.003 | 0.00684 | 0.00018 | 0.058299 | 47 | 2.9 | 43.9 | 1.2 | 230 | 140 | 43.9 | 1.2 | 6.6 |
| CH17S10_50 | 372 | 0.7 | 0.0456 | 0.0027 | 0.00687 | 0.00019 | 0.2289 | 45.2 | 2.6 | 44.1 | 1.2 | 120 | 110 | 44.1 | 1.2 | 2.4 |
| CH17S10_40 | 207 | 0.709 | 0.0512 | 0.0045 | 0.00715 | 0.00018 | 0.19236 | 50.5 | 4.4 | 45.9 | 1.2 | 220 | 170 | 45.9 | 1.2 | 9.1 |
| CH17S10_98 | 439 | 0.728 | 0.0515 | 0.0025 | 0.00796 | 0.00017 | 0.00010602 | 50.9 | 2.4 | 51.1 | 1.1 | 90 | 100 | 51.1 | 1.1 | 0.4 |
| CH17S10_117 | 256 | 1.028 | 0.0524 | 0.0027 | 0.00837 | 0.00015 | 0.007769 | 51.8 | 2.6 | 53.74 | 0.99 | 5 | 95 | 53.7 | 1.0 | 3.7 |
| CH17S10_32 | 285 | 0.92 | 0.0552 | 0.003 | 0.0084 | 0.00015 | 0.14021 | 54.4 | 2.8 | 53.9 | 0.93 | 83 | 98 | 53.9 | 0.9 | 0.9 |
| CH17S10_100 | 454 | 0.892 | 0.0554 | 0.0022 | 0.00844 | 0.00011 | 0.042597 | 54.6 | 2.1 | 54.21 | 0.71 | 87 | 79 | 54.2 | 0.7 | 0.7 |
| CH17S10_86 | 297 | 1.206 | 0.0595 | 0.0033 | 0.00852 | 0.00015 | 0.043864 | 58.5 | 3.1 | 54.7 | 0.99 | 200 | 110 | 54.7 | 1.0 | 6.5 |
| CH17S10_114 | 425 | 0.7072 | 0.0555 | 0.0022 | 0.00856 | 0.00012 | 0.030413 | 54.8 | 2.1 | 54.93 | 0.77 | 71 | 78 | 54.9 | 0.8 | 0.2 |
| CH17S10_23 | 276 | 1.049 | 0.0636 | 0.0063 | 0.00856 | 0.00053 | 0.20122 | 62.6 | 6 | 55 | 3.4 | 360 | 250 | 55.0 | 3.4 | 12.1 |
| CH17S10_47 | 311.2 | 1.084 | 0.0568 | 0.003 | 0.00861 | 0.00014 | 0.004797 | 56 | 2.9 | 55.25 | 0.89 | 100 | 100 | 55.3 | 0.9 | 1.3 |
| CH17S10_120 | 268.1 | 1.291 | 0.0542 | 0.0026 | 0.00861 | 0.00014 | 0.1343 | 53.4 | 2.5 | 55.28 | 0.89 | 19 | 91 | 55.3 | 0.9 | 3.5 |
| CH17S10_48 | 488.1 | 0.507 | 0.0599 | 0.0038 | 0.00862 | 0.00022 | 0.024119 | 59 | 3.7 | 55.3 | 1.4 | 190 | 140 | 55.3 | 1.4 | 6.3 |
| CH17S10_15 | 512 | 0.583 | 0.0625 | 0.0025 | 0.00869 | 0.00011 | 0.017542 | 61.5 | 2.4 | 55.77 | 0.73 | 278 | 84 | 55.8 | 0.7 | 9.3 |
| CH17S10_20 | 291.2 | 0.955 | 0.0583 | 0.0025 | 0.0087 | 0.00013 | 0.17283 | 57.4 | 2.4 | 55.81 | 0.8 | 127 | 82 | 55.8 | 0.8 | 2.8 |
| CH17S10_29 | 441 | 0.832 | 0.0591 | 0.0023 | 0.00874 | 0.00014 | 0.12877 | 58.3 | 2.2 | 56.07 | 0.89 | 162 | 81 | 56.1 | 0.9 | 3.8 |
| CH17S10_56 | 436 | 1.019 | 0.0574 | 0.0022 | 0.00874 | 0.00013 | 0.19474 | 56.6 | 2.1 | 56.12 | 0.84 | 90 | 73 | 56.1 | 0.8 | 0.8 |
| CH17S10_45 | 439 | 1.539 | 0.0626 | 0.0029 | 0.00875 | 0.00013 | 0.2181 | 61.6 | 2.8 | 56.13 | 0.82 | 263 | 91 | 56.1 | 0.8 | 8.9 |
| CH17S10_34 | 292 | 1.135 | 0.059 | 0.0039 | 0.0088 | 0.00016 | 0.11216 | 58.1 | 3.7 | 56.5 | 1 | 120 | 120 | 56.5 | 1.0 | 2.8 |
| CH17S10_28 | 306.5 | 1.106 | 0.0592 | 0.0028 | 0.00881 | 0.00014 | 0.069053 | 58.2 | 2.7 | 56.57 | 0.9 | 131 | 92 | 56.6 | 0.9 | 2.8 |
| CH17S10_97 | 602 | 0.6954 | 0.0583 | 0.0021 | 0.00883 | 0.00012 | 0.11346 | 57.8 | 2.1 | 56.65 | 0.74 | 118 | 76 | 56.7 | 0.7 | 2.0 |
| CH17S10_61 | 323 | 0.944 | 0.0601 | 0.0037 | 0.00884 | 0.00021 | 0.13743 | 59.2 | 3.5 | 56.7 | 1.3 | 170 | 130 | 56.7 | 1.3 | 4.2 |
| CH17S10_66 | 502 | 0.702 | 0.0565 | 0.0021 | 0.00884 | 0.00013 | 0.01835 | 55.7 | 2 | 56.73 | 0.81 | 47 | 75 | 56.7 | 0.8 | 1.8 |
| CH17S10_94 | 169.3 | 0.6706 | 0.0538 | 0.0035 | 0.00889 | 0.00017 | 0.10945 | 53 | 3.3 | 57.1 | 1.1 | -20 | 120 | 57.1 | 1.1 | 7.7 |
| CH17S10_13 | 349.2 | 0.783 | 0.0607 | 0.0024 | 0.00896 | 0.00013 | 0.1442 | 59.7 | 2.3 | 57.49 | 0.85 | 156 | 78 | 57.5 | 0.9 | 3.7 |
| CH17S10_2 | 312.2 | 1.105 | 0.0606 | 0.0032 | 0.00896 | 0.00016 | 0.018445 | 59.6 | 3 | 57.5 | 1 | 170 | 110 | 57.5 | 1.0 | 3.5 |
| CH17S10_111 | 329 | 1.155 | 0.0574 | 0.0029 | 0.00899 | 0.00013 | 0.010847 | 56.5 | 2.8 | 57.69 | 0.84 | 39 | 94 | 57.7 | 0.8 | 2.1 |
| CH17S10_105 | 277 | 1.153 | 0.0577 | 0.0029 | 0.00901 | 0.00016 | 0.096674 | 56.9 | 2.8 | 57.8 | 1 | 60 | 100 | 57.8 | 1.0 | 1.6 |
| CH17S10_30 | 322 | 0.978 | 0.0596 | 0.0029 | 0.00904 | 0.00013 | 0.093065 | 58.7 | 2.7 | 58 | 0.85 | 101 | 90 | 58.0 | 0.9 | 1.2 |
| CH17S10_33 | 502.4 | 0.64 | 0.0608 | 0.0024 | 0.00914 | 0.00011 | 0.086615 | 59.8 | 2.3 | 58.65 | 0.72 | 117 | 78 | 58.7 | 0.7 | 1.9 |
| CH17S10_71 | 376 | 0.765 | 0.0625 | 0.0035 | 0.00921 | 0.00016 | 0.0086749 | 61.4 | 3.3 | 59.1 | 1 | 140 | 110 | 59.1 | 1.0 | 3.7 |
| CH17S10_6 | 606 | 0.599 | 0.0632 | 0.0021 | 0.00922 | 0.00011 | 0.088874 | 62.2 | 2 | 59.16 | 0.69 | 177 | 68 | 59.2 | 0.7 | 4.9 |
| CH17S10_92 | 216 | 0.97 | 0.059 | 0.0062 | 0.00927 | 0.00024 | 0.68311 | 57.7 | 6 | 59.4 | 1.6 | 20 | 190 | 59.4 | 1.6 | 2.9 |
| CH17S10_74 | 79.8 | 0.6311 | 0.0631 | 0.0062 | 0.00929 | 0.00029 | 0.022584 | 61.6 | 5.9 | 59.6 | 1.9 | 100 | 180 | 59.6 | 1.9 | 3.2 |
| CH17S10_112 | 375 | 0.677 | 0.0608 | 0.0025 | 0.0093 | 0.00015 | 0.063089 | 59.8 | 2.4 | 59.66 | 0.95 | 82 | 79 | 59.7 | 1.0 | 0.2 |
| CH17S10_25 | 191 | 0.54 | 0.0719 | 0.0092 | 0.00965 | 0.00042 | 0.23757 | 70.3 | 8.7 | 61.9 | 2.7 | 340 | 290 | 61.9 | 2.7 | 11.9 |
| CH17S10_9 | 135.6 | 0.769 | 0.06 | | | | | | | | | | | | | |

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|-------------|--------|--------|--------|-------|--------|--------|----------|--------|-----|-------|-----|--------|-----|--------|------|------|
| CH17510_64 | 196.7 | 2.199 | 0.937 | 0.015 | 0.1095 | 0.0011 | 0.23825 | 670.9 | 7.9 | 670 | 6.3 | 681 | 38 | 670.0 | 6.3 | 0.1 |
| CH17510_44 | 86.9 | 0.614 | 0.985 | 0.025 | 0.1096 | 0.0016 | 0.09376 | 696 | 13 | 670.3 | 9.3 | 777 | 63 | 670.3 | 9.3 | 3.7 |
| CH17510_57 | 720 | 45.8 | 0.972 | 0.014 | 0.1127 | 0.0012 | 0.42985 | 688.9 | 7.2 | 688.3 | 6.9 | 690 | 29 | 688.3 | 6.9 | 0.1 |
| CH17510_43 | 121.5 | 1.496 | 1.141 | 0.026 | 0.1187 | 0.0017 | 0.45013 | 771 | 12 | 723 | 10 | 723 | 45 | 723.0 | 10.0 | 6.2 |
| CH17510_68 | 118.4 | 0.5609 | 1.109 | 0.029 | 0.1202 | 0.0016 | 0.24898 | 756 | 14 | 731.8 | 9.1 | 817 | 55 | 731.8 | 9.1 | 3.2 |
| CH17510_21 | 136.9 | 0.6801 | 1.075 | 0.019 | 0.1213 | 0.0012 | 0.18375 | 739.7 | 9.5 | 737.7 | 6.7 | 741 | 41 | 737.7 | 6.7 | 0.3 |
| CH17510_115 | 133 | 0.718 | 1.14 | 0.026 | 0.1221 | 0.0012 | 0.024145 | 773 | 13 | 742.7 | 7.1 | 848 | 55 | 742.7 | 7.1 | 3.9 |
| CH17510_5 | 233 | 0.687 | 1.103 | 0.022 | 0.1239 | 0.0014 | 0.34747 | 754 | 11 | 753 | 8 | 751 | 45 | 753.0 | 8.0 | 0.1 |
| CH17510_18 | 711 | 0.936 | 1.227 | 0.019 | 0.1343 | 0.0018 | 0.861 | 811.6 | 8.9 | 812 | 11 | 815 | 18 | 812.0 | 11.0 | 0.0 |
| CH17510_67 | 201.7 | 2.755 | 1.321 | 0.017 | 0.1411 | 0.0011 | 0.25102 | 853.8 | 7.5 | 850.6 | 6.4 | 862 | 27 | 850.6 | 6.4 | 0.4 |
| CH17510_37 | 317 | 2.491 | 1.374 | 0.022 | 0.1432 | 0.0013 | 0.08627 | 877.1 | 9.5 | 862.7 | 7.3 | 913 | 35 | 862.7 | 7.3 | 1.6 |
| CH17510_88 | 187 | 0.8 | 1.448 | 0.03 | 0.1514 | 0.002 | 0.71598 | 906 | 12 | 910 | 11 | 898 | 29 | 910.0 | 11.0 | 0.4 |
| CH17510_102 | 431 | 1.178 | 1.508 | 0.017 | 0.1529 | 0.0012 | 0.58887 | 932.8 | 6.8 | 917.3 | 7 | 967 | 20 | 917.3 | 7.0 | 1.7 |
| CH17510_69 | 79.8 | 1.95 | 1.557 | 0.046 | 0.16 | 0.0028 | 0.44755 | 950 | 18 | 956 | 15 | 927 | 54 | 927.0 | 15.0 | 0.6 |
| CH17510_27 | 382 | 2.88 | 1.549 | 0.022 | 0.158 | 0.0018 | 0.64729 | 948.7 | 8.6 | 945 | 10 | 959 | 23 | 945.0 | 10.0 | 0.4 |
| CH17510_26 | 143.1 | 0.963 | 1.691 | 0.031 | 0.1705 | 0.0021 | 0.34471 | 1004 | 12 | 1015 | 12 | 982 | 38 | 982.0 | 38.0 | 3.4 |
| CH17510_19 | 117.8 | 1.163 | 1.922 | 0.033 | 0.1838 | 0.0019 | 0.10436 | 1087 | 12 | 1087 | 10 | 1083 | 40 | 1083.0 | 40.0 | 0.4 |
| CH17510_7 | 104.28 | 1.464 | 1.806 | 0.061 | 0.1715 | 0.0031 | 0.032728 | 1046 | 22 | 1020 | 17 | 1096 | 75 | 1096.0 | 75.0 | 6.9 |
| CH17510_89 | 87.5 | 1.046 | 3.604 | 0.061 | 0.269 | 0.0033 | 0.43799 | 1548 | 13 | 1535 | 17 | 1565 | 30 | 1565.0 | 30.0 | 1.9 |
| CH17510_76 | 759 | 1.621 | 4.216 | 0.04 | 0.3042 | 0.0031 | 0.58907 | 1676.7 | 7.9 | 1712 | 16 | 1631 | 17 | 1631.0 | 17.0 | 5.0 |
| CH17510_4 | 63.8 | 1.088 | 4.417 | 0.08 | 0.2918 | 0.0032 | 0.51366 | 1713 | 15 | 1650 | 16 | 1789 | 31 | 1789.0 | 31.0 | 7.8 |
| CH17510_46 | 45.1 | 0.2999 | 4.65 | 0.075 | 0.3037 | 0.0036 | 0.4747 | 1755 | 14 | 1709 | 18 | 1815 | 29 | 1815.0 | 29.0 | 5.8 |
| CH17510_10 | 1051 | 3.72 | 4.733 | 0.07 | 0.3031 | 0.0049 | 0.59238 | 1773 | 12 | 1707 | 24 | 1850 | 25 | 1850.0 | 25.0 | 7.7 |
| CH17510_93 | 165.5 | 2.076 | 5.769 | 0.059 | 0.3689 | 0.0029 | 0.60266 | 1941.4 | 8.6 | 2024 | 14 | 1853 | 15 | 1853.0 | 15.0 | 9.2 |
| CH17510_73 | 439 | 24.2 | 5.413 | 0.069 | 0.3297 | 0.0054 | 0.8232 | 1886 | 11 | 1836 | 26 | 1951 | 21 | 1951.0 | 21.0 | 5.9 |
| CH17510_79 | 243.7 | 1.629 | 5.927 | 0.063 | 0.3554 | 0.0029 | 0.4739 | 1964.5 | 9.2 | 1960 | 14 | 1969 | 18 | 1969.0 | 18.0 | 0.5 |
| CH17510_91 | 185 | 0.847 | 5.077 | 0.093 | 0.2992 | 0.005 | 0.48046 | 1831 | 16 | 1687 | 25 | 1998 | 32 | 1998.0 | 32.0 | 15.6 |
| CH17510_110 | 267 | 5.04 | 6.219 | 0.067 | 0.3642 | 0.0037 | 0.62623 | 2006.1 | 9.4 | 2002 | 18 | 2010 | 16 | 2010.0 | 16.0 | 0.4 |
| CH17510_95 | 124.6 | 0.809 | 6.36 | 0.067 | 0.3673 | 0.0031 | 0.42251 | 2025.7 | 9.2 | 2016 | 15 | 2035 | 18 | 2035.0 | 18.0 | 0.9 |
| CH17510_96 | 261.3 | 6.5 | 5.938 | 0.081 | 0.3298 | 0.003 | 0.39124 | 1966 | 12 | 1837 | 15 | 2103 | 23 | 2103.0 | 23.0 | 12.6 |
| CH17510_38 | 268 | 1.384 | 6.876 | 0.064 | 0.3633 | 0.0027 | 0.58274 | 2095.5 | 8 | 1997 | 13 | 2192 | 14 | 2192.0 | 14.0 | 8.9 |
| CH17510_12 | 571 | 3.41 | 10.25 | 0.11 | 0.4642 | 0.0045 | 0.73132 | 2457 | 10 | 2458 | 20 | 2463 | 15 | 2463.0 | 15.0 | 0.2 |
| CH17510_3 | 469 | 2.286 | 7.9 | 0.13 | 0.3577 | 0.0064 | 0.72342 | 2224 | 18 | 1971 | 30 | 2472 | 24 | 2472.0 | 24.0 | 20.3 |
| CH17510_82 | 290.4 | 1.972 | 10.738 | 0.066 | 0.4747 | 0.0026 | 0.5689 | 2500.1 | 5.7 | 2504 | 12 | 2496.4 | 9.2 | 2496.4 | 9.2 | 0.3 |
| CH17510_1 | 179.1 | 0.833 | 10.89 | 0.17 | 0.4801 | 0.0065 | 0.73275 | 2513 | 15 | 2527 | 28 | 2511 | 20 | 2511.0 | 20.0 | 2.6 |
| CH17510_36 | 217.7 | 0.613 | 12.12 | 0.24 | 0.492 | 0.012 | 0.75843 | 2613 | 18 | 2579 | 53 | 2643 | 26 | 2643.0 | 26.0 | 2.4 |
| CH17510_118 | 536 | 8.46 | 14.62 | 0.27 | 0.5254 | 0.0068 | 0.91834 | 2785 | 18 | 2720 | 29 | 2836 | 14 | 2836.0 | 14.0 | 4.1 |

| Grain # | [U] ppm | U/Th | 207/235 | 2σ error | 206/238 | | RHO | 207/235 | | 206/238 | | 207/206 | | Best age | | % Disc. |
|------------|---------|-------|---------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|-----|---------|
| | | | | | Age (Ma) | 2σ error | | Age (Ma) | 2σ error | Age (Ma) | 2σ error | Age (Ma) | 2σ error | | | |
| SH1754_78 | 132.8 | 1.442 | 0.0232 | 0.0031 | 0.00367 | 0.00017 | 0.01546 | 23.1 | 3 | 23.6 | 1.1 | -10 | 210 | 23.6 | 1.1 | 2.2 |
| SH1754_26 | 396 | 0.517 | 0.0379 | 0.0031 | 0.0054 | 0.00014 | 0.12466 | 37.7 | 3 | 34.73 | 0.91 | 200 | 150 | 34.7 | 0.9 | 7.9 |
| SH1754_120 | 268 | 1.366 | 0.0382 | 0.0047 | 0.00569 | 0.00021 | 0.16771 | 37.9 | 4.6 | 36.6 | 1.3 | 100 | 220 | 36.6 | 1.3 | 3.4 |
| SH1754_20 | 221.6 | 1.682 | 0.0398 | 0.0036 | 0.00584 | 0.00015 | 0.10609 | 39.4 | 3.5 | 37.51 | 0.96 | 100 | 160 | 37.5 | 1.0 | 4.8 |
| SH1754_22 | 243.7 | 1.27 | 0.0398 | 0.003 | 0.00594 | 0.00015 | 0.036192 | 39.4 | 2.9 | 38.21 | 0.98 | 100 | 140 | 38.2 | 1.0 | 3.0 |
| SH1754_83 | 125 | 1.44 | 0.043 | 0.0048 | 0.00598 | 0.00024 | 0.068145 | 42.4 | 4.7 | 38.4 | 1.6 | 210 | 200 | 38.4 | 1.6 | 9.4 |
| SH1754_11 | 566 | 1.099 | 0.0406 | 0.0019 | 0.00599 | 0.0001 | 0.058131 | 40.3 | 1.9 | 38.49 | 0.66 | 154 | 96 | 38.5 | 0.7 | 4.5 |
| SH1754_39 | 86 | 1.626 | 0.0387 | 0.0044 | 0.00599 | 0.00025 | 0.050089 | 38.8 | 4.4 | 38.5 | 1.6 | 80 | 200 | 38.5 | 1.6 | 0.8 |
| SH1754_48 | 140.3 | 1.348 | 0.0439 | 0.0041 | 0.00604 | 0.0002 | 0.0089364 | 43.8 | 4.1 | 38.8 | 1.3 | 270 | 170 | 38.8 | 1.3 | 11.4 |
| SH1754_88 | 160.1 | 1.557 | 0.0434 | 0.0065 | 0.00614 | 0.0002 | 0.027371 | 42.9 | 6.3 | 39.5 | 1.3 | 150 | 260 | 39.5 | 1.3 | 7.9 |
| SH1754_13 | 267.5 | 1.03 | 0.0451 | 0.0043 | 0.00636 | 0.00017 | 0.012141 | 44.6 | 4.1 | 40.9 | 1.1 | 220 | 180 | 40.9 | 1.1 | 8.3 |
| SH1754_41 | 369 | 0.971 | 0.0436 | 0.0038 | 0.00639 | 0.00013 | 0.032907 | 43.1 | 3.7 | 41.07 | 0.85 | 130 | 150 | 41.1 | 0.9 | 4.7 |
| SH1754_112 | 177.6 | 1.002 | 0.0466 | 0.0054 | 0.00642 | 0.00025 | 0.13289 | 46 | 5.2 | 41.2 | 1.6 | 230 | 220 | 41.2 | 1.6 | 10.4 |
| SH1754_34 | 1099 | 0.553 | 0.0407 | 0.0018 | 0.00645 | 0.00011 | 0.32623 | 40.5 | 1.8 | 41.46 | 0.71 | 20 | 84 | 41.5 | 0.7 | 2.4 |
| SH1754_37 | 356 | 1.417 | 0.043 | 0.0025 | 0.00655 | 0.00013 | 0.067913 | 42.7 | 2.4 | 42.11 | 0.84 | 100 | 110 | 42.1 | 0.8 | 1.4 |
| SH1754_94 | 93.6 | 1.398 | 0.037 | 0.0047 | 0.00657 | 0.00023 | 0.015093 | 36.5 | 4.6 | 42.2 | 1.5 | -170 | 200 | 42.2 | 1.5 | 15.6 |
| SH1754_76 | 179.3 | 1.184 | 0.0488 | 0.0047 | 0.00697 | 0.00023 | 0.023067 | 48.1 | 4.5 | 44.7 | 1.5 | 210 | 180 | 44.7 | 1.5 | 7.1 |
| SH1754_91 | 155.3 | 1.378 | 0.0514 | 0.008 | 0.00699 | 0.00033 | 0.1033 | 50.5 | 7.6 | 44.9 | 2.1 | 260 | 290 | 44.9 | 2.1 | 11.1 |
| SH1754_117 | 214.7 | 0.816 | 0.05 | 0.0041 | 0.00706 | 0.0002 | 0.21812 | 49.4 | 3.9 | 45.3 | 1.3 | 230 | 160 | 45.3 | 1.3 | 8.3 |
| SH1754_108 | 854 | 0.79 | 0.0492 | 0.002 | 0.00753 | 0.00011 | 0.2236 | 48.7 | 2 | 48.36 | 0.73 | 80 | 81 | 48.4 | 0.7 | 0.7 |
| SH1754_103 | 245.9 | 1.353 | 0.0549 | 0.0056 | 0.00766 | 0.00025 | 0.054261 | 54.1 | 5.4 | 49.2 | 1.6 | 230 | 200 | 49.2 | 1.6 | 9.1 |
| SH1754_118 | 88.6 | 1.149 | 0.062 | 0.011 | 0.0078 | 0.00049 | 0.25342 | 60 | 10 | 50.1 | 3.1 | 340 | 310 | 50.1 | 3.1 | 16.5 |
| SH1754_86 | 1141 | 1.559 | 0.0551 | 0.003 | 0.00837 | 0.00018 | 0.27678 | 54.4 | 2.9 | 53.7 | 1.2 | 130 | 110 | 53.7 | 1.2 | 1.3 |
| SH1754_87 | 187 | 1.33 | 0.0522 | 0.0056 | 0.00841 | 0.0003 | 0.045236 | 51.4 | 5.4 | 54 | 1.9 | -10 | 190 | 54.0 | 1.9 | 5.1 |
| SH1754_85 | 337 | 1.522 | 0.0592 | 0.0032 | 0.00849 | 0.00018 | 0.077007 | 58.2 | 3 | 54.5 | 1.1 | 250 | 110 | 54.5 | 1.1 | 6.4 |
| SH1754_77 | 444 | 1.011 | 0.056 | 0.0035 | 0.00853 | 0.00019 | 0.12485 | 55.2 | 3.4 | 54.7 | 1.2 | 90 | 120 | 54.7 | 1.2 | 0.9 |
| SH1754_49 | 323 | 1.418 | 0.0565 | 0.0044 | 0.00858 | 0.00022 | 0.049837 | 55.6 | 4.2 | 55.1 | 1.4 | 100 | 150 | 55.1 | 1.4 | 0.9 |
| SH1754_71 | 356 | 1.066 | 0.0558 | 0.0032 | 0.00859 | 0.0002 | 0.093746 | 55 | 3 | 55.1 | 1.3 | 100 | 110 | 55.1 | 1.3 | 0.2 |
| SH1754_60 | 320.3 | 1.193 | 0.0609 | 0.0031 | 0.0088 | 0.00016 | 0.13653 | 59.9 | 3 | 57.1 | 1 | 155 | 97 | 57.1 | 1.0 | 4.7 |
| SH1754_66 | 320 | 1.198 | 0.0601 | 0.0045 | 0.00899 | 0.00025 | 0.10182 | 59.1 | 4.3 | 57.7 | 1.6 | 120 | 140 | 57.7 | 1.6 | 2.4 |
| SH1754_50 | 481 | 1.13 | 0.0594 | 0.0029 | 0.00905 | 0.00015 | 0.046563 | 58.5 | 2.7 | 58.04 | 0.94 | 104 | 94 | 58.0 | 0.9 | 0.8 |
| SH1754_2 | 326 | 1.336 | 0.0604 | 0.0033 | 0.00909 | 0.00017 | 0.00025668 | 60.2 | 3.3 | 58.4 | 1.1 | 140 | 110 | 58.4 | 1.1 | 3.0 |
| SH1754_10 | 322.5 | 1.569 | 0.0619 | 0.0033 | 0.0091 | 0.00018 | 0.075095 | 60.8 | 3.1 | 58.4 | 1.1 | 150 | 100 | 58.4 | 1.1 | 3.9 |
| SH1754_93 | 235 | 1.307 | 0.0553 | 0.0055 | 0.00909 | 0.00026 | 0.013578 | 54.5 | 5.3 | 58.4 | 1.6 | -50 | 170 | 58.4 | 1.6 | 7.2 |
| SH1754_14 | 219 | 1.305 | 0.0579 | 0.0045 | 0.00912 | 0.00023 | 0.073028 | 57.4 | 4.4 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|------------|-------|-------|--------|--------|---------|---------|-----------|-------|-----|-------|-----|-----|-----|-------|------|-----|
| SH1754_70 | 398 | 1.96 | 0.564 | 0.011 | 0.07218 | 0.00083 | 0.25862 | 453.3 | 7.4 | 449.2 | 5 | 449 | 45 | 449.2 | 5.0 | 0.9 |
| SH1754_40 | 218.2 | 3.7 | 0.579 | 0.014 | 0.07219 | 0.00076 | 0.03964 | 462.6 | 9.2 | 449.3 | 4.6 | 517 | 58 | 449.3 | 4.6 | 2.9 |
| SH1754_101 | 829 | 2.17 | 0.562 | 0.01 | 0.0724 | 0.00074 | 0.39916 | 452.4 | 6.5 | 450.6 | 4.4 | 471 | 34 | 450.6 | 4.4 | 0.4 |
| SH1754_16 | 194 | 1.415 | 0.645 | 0.02 | 0.0805 | 0.0014 | 0.22136 | 504 | 13 | 498.9 | 8.1 | 534 | 65 | 498.9 | 8.1 | 1.0 |
| SH1754_100 | 1048 | 1.236 | 0.6403 | 0.0067 | 0.08108 | 0.00064 | 0.24774 | 502.2 | 4.2 | 502.5 | 3.8 | 500 | 25 | 502.5 | 3.8 | 0.1 |
| SH1754_67 | 274.2 | 0.773 | 0.669 | 0.014 | 0.08113 | 0.00089 | 0.3349 | 519.1 | 8.7 | 502.8 | 5.3 | 568 | 47 | 502.8 | 5.3 | 3.1 |
| SH1754_30 | 339 | 1.107 | 0.703 | 0.013 | 0.08683 | 0.00077 | 0.31857 | 539.4 | 7.5 | 536.7 | 4.6 | 545 | 39 | 536.7 | 4.6 | 0.5 |
| SH1754_97 | 417 | 1.542 | 0.708 | 0.045 | 0.0876 | 0.0034 | 0.67453 | 541 | 26 | 541 | 20 | 540 | 91 | 541.0 | 20.0 | 0.0 |
| SH1754_5 | 258.7 | 5.86 | 0.746 | 0.012 | 0.09063 | 0.00075 | 0.31273 | 565.2 | 7.1 | 559.2 | 4.4 | 591 | 34 | 559.2 | 4.4 | 1.1 |
| SH1754_25 | 182 | 3.49 | 0.769 | 0.016 | 0.09315 | 0.00087 | 0.21509 | 577.5 | 9.2 | 574 | 5.1 | 581 | 46 | 574.0 | 5.1 | 0.6 |
| SH1754_19 | 1279 | 96 | 0.808 | 0.017 | 0.0968 | 0.0031 | 0.29237 | 601.3 | 9.7 | 595 | 18 | 631 | 95 | 595.0 | 18.0 | 1.0 |
| SH1754_63 | 198.5 | 3.74 | 0.822 | 0.04 | 0.0979 | 0.0031 | 0.78472 | 606 | 22 | 601 | 18 | 596 | 66 | 601.0 | 18.0 | 0.8 |
| SH1754_110 | 248 | 2.76 | 0.862 | 0.016 | 0.1036 | 0.0011 | 0.29491 | 630.9 | 9.1 | 635.1 | 6.5 | 599 | 42 | 635.1 | 6.5 | 0.7 |
| SH1754_53 | 711 | 4.8 | 0.887 | 0.013 | 0.1044 | 0.0012 | 0.34539 | 644.2 | 7.1 | 640.2 | 6.7 | 661 | 33 | 640.2 | 6.7 | 0.6 |
| SH1754_98 | 597 | 23.7 | 0.917 | 0.023 | 0.1054 | 0.0013 | 0.11136 | 660 | 12 | 645.7 | 7.3 | 713 | 57 | 645.7 | 7.3 | 2.2 |
| SH1754_1 | 96.8 | 3.32 | 0.912 | 0.024 | 0.1064 | 0.0014 | 0.14522 | 655 | 13 | 651.9 | 8.1 | 656 | 62 | 651.9 | 8.1 | 0.5 |
| SH1754_33 | 250.5 | 0.741 | 0.916 | 0.02 | 0.1071 | 0.0012 | 0.0096662 | 659 | 10 | 655.6 | 6.7 | 676 | 54 | 655.6 | 6.7 | 0.5 |
| SH1754_102 | 308 | 1.18 | 0.906 | 0.021 | 0.1077 | 0.0018 | 0.43124 | 656 | 12 | 659 | 10 | 644 | 50 | 659.0 | 10.0 | 0.5 |
| SH1754_4 | 757 | 11.2 | 0.993 | 0.023 | 0.1084 | 0.0019 | 0.5137 | 699 | 12 | 663 | 11 | 816 | 46 | 663.0 | 11.0 | 5.2 |
| SH1754_55 | 152 | 1.38 | 1.007 | 0.05 | 0.1129 | 0.0035 | 0.010516 | 705 | 25 | 689 | 20 | 750 | 120 | 689.0 | 20.0 | 2.3 |
| SH1754_114 | 500 | 1.476 | 1.184 | 0.031 | 0.1311 | 0.0022 | 0.62039 | 791 | 14 | 794 | 13 | 809 | 42 | 794.0 | 13.0 | 0.4 |
| SH1754_96 | 38.08 | 2.67 | 1.287 | 0.06 | 0.1354 | 0.0031 | 0.1577 | 835 | 27 | 818 | 18 | 860 | 110 | 818.0 | 18.0 | 2.0 |
| SH1754_90 | 341 | 1.089 | 1.299 | 0.029 | 0.1406 | 0.0018 | 0.41465 | 844 | 13 | 848 | 10 | 840 | 43 | 848.0 | 10.0 | 0.5 |

| | | | | | | | | | | | | | | | | |
|------------|-------|--------|-------|-------|--------|--------|---------|--------|-----|-------|-----|------|----|--------|------|------|
| SH1754_116 | 42.53 | 1.93 | 1.554 | 0.074 | 0.1484 | 0.0038 | 0.22495 | 946 | 29 | 892 | 21 | 1057 | 98 | 892.0 | 21.0 | 5.7 |
| SH1754_17 | 306 | 1.331 | 1.418 | 0.021 | 0.1492 | 0.0013 | 0.23544 | 895.4 | 8.8 | 896.5 | 7.1 | 891 | 31 | 896.5 | 7.1 | 0.1 |
| SH1754_84 | 392 | 3.59 | 1.493 | 0.018 | 0.1539 | 0.0012 | 0.38459 | 927.4 | 7 | 922.9 | 6.9 | 942 | 23 | 922.9 | 6.9 | 0.5 |
| SH1754_68 | 75.2 | 1.296 | 1.539 | 0.053 | 0.157 | 0.0027 | 0.26661 | 946 | 20 | 940 | 15 | 938 | 66 | 940.0 | 15.0 | 0.6 |
| SH1754_113 | 168.6 | 4.3 | 1.566 | 0.034 | 0.1604 | 0.0026 | 0.42781 | 955 | 13 | 958 | 15 | 940 | 43 | 940.0 | 15.0 | 0.3 |
| SH1754_62 | 100.2 | 1.173 | 1.633 | 0.036 | 0.1646 | 0.0023 | 0.36795 | 980 | 14 | 982 | 13 | 964 | 42 | 964.0 | 42.0 | 1.9 |
| SH1754_42 | 229 | 1.248 | 1.643 | 0.027 | 0.1666 | 0.0015 | 0.27757 | 985 | 10 | 993.3 | 8.4 | 980 | 33 | 980.0 | 33.0 | 1.4 |
| SH1754_56 | 287 | 0.721 | 1.639 | 0.034 | 0.1632 | 0.0016 | 0.45057 | 988 | 13 | 974.6 | 8.8 | 1019 | 39 | 1019.0 | 39.0 | 4.4 |
| SH1754_24 | 561 | 1.991 | 1.644 | 0.026 | 0.1607 | 0.0017 | 0.61276 | 986 | 10 | 960.6 | 9.6 | 1042 | 25 | 1042.0 | 25.0 | 7.8 |
| SH1754_21 | 112.7 | 1.215 | 1.954 | 0.051 | 0.1858 | 0.0029 | 0.1727 | 1097 | 18 | 1098 | 16 | 1086 | 58 | 1086.0 | 58.0 | 1.1 |
| SH1754_115 | 63.8 | 1.078 | 3.302 | 0.099 | 0.2383 | 0.0043 | 0.24847 | 1477 | 23 | 1377 | 22 | 1618 | 57 | 1618.0 | 57.0 | 14.9 |
| SH1754_27 | 850 | 4.91 | 3.27 | 0.11 | 0.2236 | 0.0059 | 0.87607 | 1467 | 27 | 1299 | 31 | 1723 | 32 | 1723.0 | 32.0 | 24.6 |
| SH1754_111 | 910 | 32.4 | 5.121 | 0.055 | 0.3295 | 0.004 | 0.61827 | 1839 | 9.1 | 1836 | 20 | 1843 | 18 | 1843.0 | 18.0 | 0.4 |
| SH1754_75 | 273.5 | 5.22 | 5.39 | 0.11 | 0.3396 | 0.0058 | 0.56306 | 1882 | 17 | 1884 | 28 | 1874 | 32 | 1874.0 | 32.0 | 0.5 |
| SH1754_59 | 618 | 21.6 | 5.354 | 0.073 | 0.3288 | 0.0027 | 0.34697 | 1876 | 11 | 1832 | 13 | 1911 | 21 | 1911.0 | 21.0 | 4.1 |
| SH1754_82 | 53 | 2.22 | 6.09 | 0.11 | 0.3655 | 0.005 | 0.32761 | 1986 | 16 | 2007 | 24 | 1967 | 33 | 1967.0 | 33.0 | 2.0 |
| SH1754_43 | 797 | 30.5 | 4.868 | 0.062 | 0.2778 | 0.0029 | 0.64453 | 1796 | 11 | 1580 | 15 | 2059 | 18 | 2059.0 | 18.0 | 23.3 |
| SH1754_74 | 237 | 0.862 | 6.92 | 0.13 | 0.3566 | 0.0055 | 0.38442 | 2100 | 16 | 1966 | 26 | 2230 | 31 | 2230.0 | 31.0 | 11.8 |
| SH1754_105 | 68 | 2.81 | 5.53 | 0.17 | 0.2803 | 0.0077 | 0.50404 | 1902 | 27 | 1592 | 39 | 2261 | 48 | 2261.0 | 48.0 | 29.6 |
| SH1754_51 | 286 | 1.597 | 9.202 | 0.098 | 0.456 | 0.0043 | 0.79361 | 2356.5 | 9.8 | 2421 | 19 | 2303 | 14 | 2303.0 | 14.0 | 5.1 |
| SH1754_46 | 342 | 0.6915 | 8.8 | 0.12 | 0.4282 | 0.0057 | 0.73681 | 2316 | 13 | 2297 | 26 | 2339 | 17 | 2339.0 | 17.0 | 1.8 |
| SH1754_6 | 211.9 | 3.29 | 9.25 | 0.13 | 0.4378 | 0.0067 | 0.3775 | 2362 | 13 | 2340 | 30 | 2377 | 29 | 2377.0 | 29.0 | 1.6 |
| SH1754_61 | 287 | 5.88 | 9.81 | 0.25 | 0.4412 | 0.0074 | 0.85282 | 2405 | 26 | 2353 | 33 | 2444 | 28 | 2444.0 | 28.0 | 3.7 |
| SH1754_104 | 141 | 4.3 | 11.36 | 0.71 | 0.478 | 0.018 | 0.94734 | 2508 | 66 | 2506 | 78 | 2516 | 63 | 2516.0 | 63.0 | 0.4 |
| SH1754_7 | 29.1 | 4.2 | 9.2 | 0.26 | 0.3903 | 0.0081 | 0.55871 | 2353 | 26 | 2123 | 38 | 2549 | 43 | 2549.0 | 43.0 | 16.7 |
| SH1754_29 | 120.4 | 1.421 | 11.76 | 0.26 | 0.4867 | 0.0085 | 0.24791 | 2583 | 20 | 2555 | 37 | 2607 | 33 | 2607.0 | 33.0 | 2.0 |
| SH1754_64 | 440 | 1.699 | 12.79 | 0.1 | 0.5093 | 0.0041 | 0.59544 | 2665 | 7 | 2653 | 18 | 2663 | 12 | 2663.0 | 12.0 | 0.4 |
| SH1754_35 | 100.6 | 7.1 | 19.95 | 0.32 | 0.615 | 0.01 | 0.55477 | 3091 | 14 | 3090 | 41 | 3087 | 25 | 3087.0 | 25.0 | 0.1 |

| Grain # | [U] ppm | U/Th | 207/235 | | 206/238 | | RHO | 207/235 | | 206/238 | | 207/206 | | Best age | | % Disc. |
|------------|---------|--------|---------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| | | | 207/235 | 2σ error | 206/238 | 2σ error | | Age (Ma) | 2σ error | Age (Ma) | 2σ error | Age (Ma) | 2σ error | Age (Ma) | 2σ error | |
| MT1755_3 | 1068 | 1.413 | 0.0309 | 0.0038 | 0.0043 | 0.0012 | 0.2613 | 30.8 | 3.7 | 27.65 | 0.76 | 260 | 230 | 27.7 | 0.8 | 10.2 |
| MT1755_45 | 319 | 0.615 | 0.0375 | 0.0023 | 0.00576 | 0.0011 | 0.013326 | 37.3 | 2.3 | 37 | 0.68 | 100 | 120 | 37.0 | 0.7 | 0.8 |
| MT1755_90 | 176.9 | 0.867 | 0.0441 | 0.0045 | 0.00592 | 0.0023 | 0.040999 | 43.6 | 4.4 | 38 | 1.5 | 280 | 190 | 38.0 | 1.5 | 12.8 |
| MT1755_48 | 246 | 0.679 | 0.0474 | 0.0034 | 0.00611 | 0.0015 | 0.15263 | 46.9 | 3.3 | 39.28 | 0.93 | 390 | 140 | 39.3 | 0.9 | 16.2 |
| MT1755_19 | 462 | 0.702 | 0.043 | 0.0029 | 0.00618 | 0.0014 | 0.46302 | 42.6 | 2.8 | 39.74 | 0.89 | 180 | 120 | 39.7 | 0.9 | 6.7 |
| MT1755_27 | 111.8 | 1.088 | 0.0499 | 0.0061 | 0.00624 | 0.0018 | 0.25793 | 47.4 | 4.9 | 40.1 | 1.2 | 310 | 180 | 40.1 | 1.2 | 15.4 |
| MT1755_38 | 228.1 | 0.815 | 0.0405 | 0.003 | 0.00632 | 0.0017 | 0.079143 | 40.2 | 3 | 40.6 | 1.1 | 30 | 130 | 40.6 | 1.1 | 10.0 |
| MT1755_10 | 290 | 0.801 | 0.0454 | 0.004 | 0.00633 | 0.0018 | 0.1622 | 44.9 | 3.9 | 40.7 | 1.1 | 270 | 180 | 40.7 | 1.1 | 9.4 |
| MT1755_13 | 738 | 0.817 | 0.042 | 0.003 | 0.006423 | 0.00099 | 0.17648 | 41.6 | 3 | 41.27 | 0.63 | 115 | 75 | 41.3 | 0.6 | 0.8 |
| MT1755_62 | 451 | 0.4896 | 0.0465 | 0.0026 | 0.0065 | 0.0014 | 0.12555 | 46.1 | 2.5 | 41.75 | 0.92 | 300 | 110 | 41.8 | 0.9 | 9.4 |
| MT1755_23 | 153.2 | 1.061 | 0.0428 | 0.0034 | 0.00652 | 0.0017 | 0.064872 | 42.4 | 3.3 | 41.9 | 1.1 | 80 | 140 | 41.9 | 1.1 | 1.2 |
| MT1755_64 | 193.7 | 0.812 | 0.05 | 0.0033 | 0.00664 | 0.0014 | 0.16258 | 49.4 | 3.2 | 42.63 | 0.89 | 330 | 130 | 42.6 | 0.9 | 13.7 |
| MT1755_34 | 212.1 | 0.845 | 0.0471 | 0.0054 | 0.00678 | 0.0025 | 0.054879 | 47.7 | 5.6 | 43.6 | 1.6 | 210 | 220 | 43.6 | 1.6 | 8.6 |
| MT1755_26 | 514.6 | 0.935 | 0.0531 | 0.0036 | 0.00681 | 0.0016 | 0.024441 | 52.4 | 3.5 | 43.8 | 1.1 | 420 | 150 | 43.8 | 1.1 | 16.4 |
| MT1755_99 | 545 | 1.272 | 0.0488 | 0.0032 | 0.00698 | 0.0012 | 0.18848 | 48.3 | 3.1 | 44.81 | 0.78 | 200 | 130 | 44.8 | 0.8 | 7.2 |
| MT1755_61 | 390 | 0.8237 | 0.0465 | 0.0024 | 0.007 | 0.0011 | 0.00094394 | 46 | 2.3 | 44.94 | 0.73 | 110 | 95 | 44.9 | 0.7 | 2.6 |
| MT1755_76 | 303 | 0.594 | 0.0507 | 0.004 | 0.00706 | 0.0018 | 0.077694 | 50.1 | 3.9 | 45.3 | 1.1 | 300 | 170 | 45.3 | 1.1 | 9.3 |
| MT1755_58 | 222 | 0.701 | 0.0533 | 0.0042 | 0.00712 | 0.0018 | 0.042063 | 52.5 | 4.1 | 45.8 | 1.2 | 330 | 150 | 45.8 | 1.2 | 12.8 |
| MT1755_85 | 246 | 1.094 | 0.0549 | 0.0067 | 0.00759 | 0.0045 | 0.11857 | 54.1 | 6.4 | 48.8 | 2.9 | 270 | 270 | 48.8 | 2.9 | 9.8 |
| MT1755_103 | 1174 | 0.819 | 0.0531 | 0.0012 | 0.008092 | 0.0008 | 0.033838 | 52.6 | 1.2 | 51.95 | 0.51 | 90 | 48 | 52.0 | 0.5 | 1.2 |
| MT1755_77 | 417 | 0.717 | 0.055 | 0.0026 | 0.00834 | 0.0014 | 0.040316 | 54.2 | 2.5 | 53.51 | 0.91 | 105 | 96 | 53.5 | 0.9 | 1.3 |
| MT1755_73 | 487 | 1.042 | 0.0558 | 0.003 | 0.0084 | 0.0017 | 0.16817 | 55 | 2.8 | 53.9 | 1.1 | 100 | 100 | 53.9 | 1.1 | 2.0 |
| MT1755_67 | 507 | 0.832 | 0.0603 | 0.0023 | 0.00857 | 0.0011 | 0.0012387 | 59.4 | 2.2 | 55 | 0.68 | 223 | 80 | 55.0 | 0.7 | 7.4 |
| MT1755_56 | 237 | 0.549 | 0.0604 | 0.0035 | 0.00882 | 0.0019 | 0.10346 | 59.8 | 3.5 | 56.6 | 1.2 | 180 | 120 | 56.6 | 1.2 | 5.4 |
| MT1755_110 | 1430 | 0.768 | 0.061 | 0.0023 | 0.00883 | 0.0011 | 0.25713 | 60.1 | 2.2 | 56.69 | 0.72 | 216 | 75 | 56.7 | 0.7 | 5.7 |
| MT1755_9 | 284.8 | 0.861 | 0.0586 | 0.0032 | 0.00884 | 0.0016 | 0.12974 | 57.6 | 3.1 | 56.7 | 1 | 100 | 100 | 56.7 | 1.0 | 1.6 |
| MT1755_47 | 385 | 0.781 | 0.0679 | 0.004 | 0.00898 | 0.0016 | 0.050086 | 66.6 | 3.8 | 57.6 | 1 | 370 | 130 | 57.6 | 1.0 | 13.5 |
| MT1755_66 | 412.9 | 1.02 | 0.0615 | 0.0023 | 0.00899 | 0.0014 | 0.095936 | 60.5 | 2.2 | 57.66 | 0.87 | 184 | 78 | 57.7 | 0.9 | 4.7 |
| MT1755_16 | 576 | 0.561 | 0.0673 | 0.0033 | 0.00946 | 0.0016 | 0.23537 | 66 | 3.1 | 60.72 | 0.99 | 254 | 95 | 60.7 | 1.0 | 8.0 |
| MT1755_106 | 118.2 | 0.781 | 0.0684 | 0.0067 | 0.01079 | 0.0026 | 0.0022687 | 67.8 | 6.6 | 69.2 | 1.6 | 20 | 170 | 69.2 | 1.6 | 2.1 |
| MT1755_120 | 146.6 | 0.807 | 0.0758 | 0.0049 | 0.0109 | 0.0022 | 0.050671 | 73.8 | 4.6 | 69.9 | 1.4 | 170 | 120 | 69.9 | 1.4 | 5.3 |
| MT1755_95 | 85.2 | 1.172 | 0.0733 | 0.0057 | 0.0116 | 0.0031 | 0.039848 | 71.3 | 5.4 | 74.4 | 2 | 30 | 140 | 74.4 | 2.0 | 4.3 |
| MT1755_104 | 103.1 | 0.785 | 0.0809 | 0.0065 | 0.01228 | 0.0038 | 0.080289 | 78.5 | 6 | 78.6 | 2.4 | 110 | 150 | 78.6 | 2.4 | 0.1 |
| MT1755_70 | 1480 | 4.73 | 0.0875 | 0.0032 | 0.01273 | 0.0025 | 0.36733 | 85.1 | 3 | 81.5 | 1.6 | 187 | 73 | 81.5 | 1.6 | 4.2 |
| MT1755_89 | 3880 | 1.135 | 0.0933 | 0.004 | 0.01335 | 0.0018 | 0.15929 | 90.6 | 3.7 | 85.5 | 1.2 | 231 | 94 | 85.5 | 1.2 | 5.6 |
| MT1755_65 | 237 | 5.68 | 0.0958 | 0.0042 | 0.0146 | 0.0024 | 0.18225 | 92.6 | 3.9 | 93.4 | 1.6 | 97 | 82 | 93.4 | 1.6 | 0.9 |
| MT1755_14 | 127 | 0.962 | 0.1029 | 0.0063 | 0.01469 | 0.0029 | 0.0026402 | 98.9 | 5.9 | 94 | 1.8 | 210 | 130 | 94.0 | 1.8 | 5.0 |
| MT1755_54 | 161 | 0.935 | 0.1195 | 0.0073 | 0.01693 | 0.0028 | 0.13746 | 113.7 | 6.4 | 108.2 | 1.7 | 180 | 100 | 108.2 | 1.7 | 4.8 |
| MT1755_87 | 205.5 | 1.01 | 0.1155 | 0.0053 | 0.0174 | 0.0025 | 0.11413 | 110.6 | 4.8 | 111.2 | 1.6 | 107 | 87 | 111.2 | 1.6 | 0.5 |
| MT1755_7 | 262 | 1.07 | 0.1162 | 0.004 | 0.01776 | 0.0022 | 0.054457 | 111.8 | 3.7 | 113.4 | 1.4 | 107 | 71 | 113.4 | 1.4 | 1.4 |
| MT1755_69 | 369 | 1.203 | 0.1289 | 0.0041 | 0.01898 | 0.0024 | 0.2085 | 122.9 | 3.7 | 121.2 | 1.5 | 170 | 65 | 121.2 | 1.5 | 1.4 |
| MT1755_5 | 184.3 | 1.085 | 0.181 | 0.0071 | 0.02725 | 0.0034 | 0.12706 | 168.3 | 6.2 | 173.3 | 2.1 | 120 | 78 | 173.3 | 2.1 | 3.0 |
| MT1755_42 | 327 | 1.175 | 0.275 | 0.011 | 0.03609 | 0.0055 | 0.088335 | 245.9 | 8.4 | 228.5 | 3.4 | 398 | 92 | 228.5 | 3.4 | 7.1 |
| MT1755_46 | 364 | 0.864 | 0.2684 | 0.0053 | 0.03736 | 0.0033 | 0.20411 | 241.1 | 4.2 | 236.5 | 2 | 277 | 43 | 2 | | |

| | | | | | | | | | | | | | | | | |
|------------|-------|--------|--------|-------|---------|---------|----------|--------|-----|--------|-----|------|----|--------|------|------|
| MT17S5_6 | 136.7 | 1.78 | 1.16 | 0.023 | 0.1278 | 0.0011 | 0.12447 | 780 | 11 | 775.1 | 6.4 | 793 | 44 | 775.1 | 6.4 | 0.6 |
| MT17S5_21 | 257 | 1.006 | 1.193 | 0.025 | 0.1307 | 0.0019 | 0.77532 | 795 | 12 | 793 | 11 | 814 | 30 | 793.0 | 11.0 | 0.3 |
| MT17S5_119 | 968 | 2.309 | 1.199 | 0.011 | 0.13227 | 0.00081 | 0.38698 | 799.9 | 5.3 | 800.7 | 4.6 | 792 | 20 | 800.7 | 4.6 | 0.1 |
| MT17S5_57 | 291.3 | 1.2 | 1.239 | 0.03 | 0.1355 | 0.0016 | 0.007512 | 818 | 13 | 818.9 | 9.2 | 802 | 59 | 818.9 | 9.2 | 0.1 |
| MT17S5_83 | 380.2 | 1.141 | 1.357 | 0.032 | 0.1394 | 0.0021 | 0.33928 | 870 | 14 | 841 | 12 | 934 | 48 | 841.0 | 12.0 | 3.3 |
| MT17S5_44 | 602 | 0.83 | 1.386 | 0.021 | 0.14 | 0.0011 | 0.34326 | 882.5 | 9 | 844.5 | 6.1 | 979 | 30 | 844.5 | 6.1 | 4.3 |
| MT17S5_72 | 544 | 2.47 | 1.464 | 0.053 | 0.1407 | 0.0057 | 0.93556 | 906 | 23 | 845 | 33 | 1086 | 28 | 845.0 | 33.0 | 6.7 |
| MT17S5_31 | 120 | 0.963 | 1.332 | 0.024 | 0.1411 | 0.0017 | 0.34605 | 861 | 11 | 852.1 | 9.5 | 877 | 40 | 852.1 | 9.5 | 1.0 |
| MT17S5_2 | 791 | 3.61 | 1.358 | 0.047 | 0.1434 | 0.0042 | 0.96596 | 862 | 22 | 862 | 24 | 874 | 23 | 862.0 | 24.0 | 0.0 |
| MT17S5_39 | 278 | 1.76 | 1.356 | 0.027 | 0.1442 | 0.0026 | 0.73458 | 868 | 12 | 868 | 15 | 867 | 29 | 868.0 | 15.0 | 0.0 |
| MT17S5_86 | 458 | 1.376 | 1.678 | 0.024 | 0.1705 | 0.0021 | 0.63037 | 999.2 | 9.1 | 1015 | 11 | 969 | 26 | 969.0 | 26.0 | 4.7 |
| MT17S5_102 | 257 | 1.363 | 1.625 | 0.023 | 0.1638 | 0.0015 | 0.58542 | 978.5 | 8.6 | 977.7 | 8.3 | 974 | 23 | 974.0 | 23.0 | 0.4 |
| MT17S5_37 | 253 | 1.567 | 1.652 | 0.019 | 0.1646 | 0.0013 | 0.31491 | 990.3 | 7.5 | 982.1 | 7.1 | 1002 | 24 | 1002.0 | 24.0 | 2.0 |
| MT17S5_117 | 156.3 | 0.6373 | 2.002 | 0.034 | 0.1934 | 0.0019 | 0.42619 | 1116 | 12 | 1139 | 10 | 1069 | 32 | 1069.0 | 32.0 | 6.5 |
| MT17S5_8 | 254 | 3.424 | 2.267 | 0.031 | 0.2042 | 0.0019 | 0.82288 | 1200.8 | 9.8 | 1197 | 10 | 1210 | 22 | 1210.0 | 22.0 | 1.1 |
| MT17S5_115 | 233.3 | 2.24 | 2.572 | 0.044 | 0.2109 | 0.0022 | 0.22367 | 1291 | 12 | 1234 | 12 | 1388 | 34 | 1388.0 | 34.0 | 11.1 |
| MT17S5_43 | 319 | 3.5 | 4.567 | 0.057 | 0.3162 | 0.0029 | 0.81696 | 1741 | 11 | 1771 | 14 | 1713 | 13 | 1713.0 | 13.0 | 3.4 |
| MT17S5_107 | 299.6 | 1.378 | 3.504 | 0.033 | 0.2358 | 0.0017 | 0.44137 | 1527.3 | 7.5 | 1364.8 | 8.9 | 1759 | 16 | 1759.0 | 16.0 | 22.4 |
| MT17S5_36 | 546 | 3.09 | 5.426 | 0.037 | 0.3478 | 0.002 | 0.52857 | 1888.3 | 5.8 | 1923.8 | 9.6 | 1842 | 12 | 1842.0 | 12.0 | 4.4 |
| MT17S5_108 | 934 | 3.44 | 5.53 | 0.11 | 0.346 | 0.011 | 0.73764 | 1913 | 24 | 1917 | 52 | 1897 | 27 | 1897.0 | 27.0 | 1.1 |
| MT17S5_101 | 115.1 | 1.165 | 5.53 | 0.11 | 0.335 | 0.0047 | 0.72832 | 1903 | 17 | 1862 | 23 | 1950 | 24 | 1950.0 | 24.0 | 4.5 |
| MT17S5_71 | 325.5 | 4.07 | 6.504 | 0.078 | 0.3832 | 0.0048 | 0.86241 | 2046 | 11 | 2096 | 21 | 1995 | 12 | 1995.0 | 12.0 | 5.1 |
| MT17S5_97 | 218.9 | 0.916 | 6.008 | 0.057 | 0.3536 | 0.0031 | 0.66895 | 1976.2 | 8.3 | 1951 | 15 | 2005 | 13 | 2005.0 | 13.0 | 2.7 |
| MT17S5_75 | 276.7 | 3.033 | 7.748 | 0.084 | 0.4438 | 0.0043 | 0.81915 | 2200.3 | 9.7 | 2366 | 19 | 2045 | 13 | 2045.0 | 13.0 | 15.7 |
| MT17S5_96 | 236.4 | 1.488 | 6.3 | 0.12 | 0.3587 | 0.0056 | 0.75123 | 2017 | 16 | 1976 | 27 | 2059 | 21 | 2059.0 | 21.0 | 4.0 |
| MT17S5_55 | 113.8 | 1.381 | 7.713 | 0.082 | 0.4114 | 0.0029 | 0.28891 | 2196.7 | 9.5 | 2221 | 13 | 2177 | 18 | 2177.0 | 18.0 | 2.0 |
| MT17S5_53 | 558 | 1.621 | 6.76 | 0.21 | 0.3341 | 0.0092 | 0.95152 | 2074 | 28 | 1856 | 45 | 2304 | 17 | 2304.0 | 17.0 | 19.4 |
| MT17S5_111 | 594 | 1.94 | 9.5 | 0.67 | 0.393 | 0.025 | 0.98797 | 2210 | 120 | 2090 | 120 | 2408 | 82 | 2408.0 | 82.0 | 13.2 |
| MT17S5_49 | 504 | 0.77 | 10.96 | 0.12 | 0.4739 | 0.0051 | 0.93636 | 2516 | 11 | 2499 | 23 | 2528 | 10 | 2528.0 | 10.0 | 1.1 |
| MT17S5_118 | 241.3 | 2.17 | 11.098 | 0.076 | 0.4665 | 0.0033 | 0.65564 | 2530.6 | 6.4 | 2467 | 15 | 2577 | 11 | 2577.0 | 11.0 | 4.3 |
| MT17S5_4 | 154.8 | 0.642 | 11.13 | 0.11 | 0.4633 | 0.0044 | 0.86787 | 2532.7 | 9.3 | 2453 | 19 | 2602 | 11 | 2602.0 | 11.0 | 5.7 |
| MT17S5_32 | 61.8 | 0.558 | 12.53 | 0.16 | 0.5203 | 0.006 | 0.67817 | 2642 | 12 | 2701 | 25 | 2603 | 16 | 2603.0 | 16.0 | 3.8 |
| MT17S5_24 | 108.9 | 0.7 | 11.88 | 0.18 | 0.4844 | 0.0067 | 0.96459 | 2590 | 17 | 2544 | 30 | 2631 | 15 | 2631.0 | 15.0 | 3.3 |