**Supplement 2**

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“The Late Precambrian metamorphic complexes of the Ulutau massif (Central Kazakhstan): Age, composition and formation settings of their

protoliths,” ***Geotectonics.*** no5 (Supplement 2), (2020).

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**Table 2.** Results of U‒Th‒Pb LA-ICP-MS and ion-microprobe (SHRIMP II) U‒Th‒Pb analyses of zircons.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no. | Point | Th/U | Isotope ratios | | | | | | | Age (Ma) | | | | | | D, % | **Concordant**  **age (Ma)** | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | Rho | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| **К 124/16** | | | | | | | | | | | | | | | | | | |
| 1 | PRB5 | 1.03 | 0.0655 | 0.0018 | 1.0565 | 0.0285 | 0.1170 | 0.0016 | 0.498 | 790 | 56 | 732 | 14 | 713 | 9 | 9.77 | **715** | **9** |
| 2 | PRB3 | 1.12 | 0.0721 | 0.0017 | 1.2112 | 0.0289 | 0.1218 | 0.0016 | 0.548 | 989 | 48 | 806 | 13 | 741 | 9 | 25.12 | **—** | **—** |
| 3 | PRB7 | 0.74 | 0.0656 | 0.0016 | 1.1064 | 0.0269 | 0.1224 | 0.0016 | 0.537 | 793 | 50 | 757 | 13 | 744 | 9 | 6.09 | **746** | **9** |
| 4 | PRB1 | 0.62 | 0.0661 | 0.0036 | 1.1198 | 0.0603 | 0.1229 | 0.0023 | 0.349 | 810 | 111 | 763 | 29 | 747 | 13 | 7.72 | 748 | 13 |
| 5 | PRB8 | 1.01 | 0.0731 | 0.0019 | 1.2392 | 0.0326 | 0.1230 | 0.0017 | 0.513 | 1015 | 53 | 819 | 15 | 748 | 10 | 26.33 | — | — |
| 6 | PRB11 | 1.49 | 0.0652 | 0.0018 | 1.1144 | 0.0304 | 0.1239 | 0.0017 | 0.497 | 781 | 57 | 760 | 15 | 753 | 10 | 3.57 | 754 | 10 |
| 7 | PRB24 | 1.17 | 0.0668 | 0.0027 | 1.1472 | 0.0458 | 0.1246 | 0.0020 | 0.404 | 831 | 82 | 776 | 22 | 757 | 12 | 8.94 | 758 | 11 |
| 8 | PRB19 | 1.28 | 0.0660 | 0.0017 | 1.1404 | 0.0285 | 0.1253 | 0.0017 | 0.534 | 806 | 51 | 773 | 14 | 761 | 10 | 5.51 | 763 | 9 |
| 9 | PRB9 | 1.21 | 0.0612 | 0.0021 | 1.0643 | 0.0361 | 0.1261 | 0.0018 | 0.430 | 646 | 72 | 736 | 18 | 766 | 11 | -18.46 | — | — |

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| no. | Point | Th/U | Isotope ratios | | | | | | | Age (Ma) | | | | | | D, % | **Concordant**  **age (Ma)** | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | Rho | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 10 | PRB47 | 1.00 | 0.0688 | 0.0030 | 1.2025 | 0.0518 | 0.1267 | 0.0022 | 0.401 | 893 | 87 | 802 | 24 | 769 | 13 | 13.88 | — | — |
| 11 | PRB32 | 0.54 | 0.0643 | 0.0021 | 1.1281 | 0.0360 | 0.1273 | 0.0019 | 0.461 | 750 | 66 | 767 | 17 | 772 | 11 | -2.92 | 772 | 11 |
| 12 | PRB21 | 0.40 | 0.0651 | 0.0017 | 1.1463 | 0.0302 | 0.1277 | 0.0017 | 0.517 | 778 | 55 | 776 | 14 | 775 | 10 | 0.41 | 775 | 10 |
| 13 | PRB45 | 1.05 | 0.0635 | 0.0023 | 1.1189 | 0.0394 | 0.1277 | 0.0020 | 0.442 | 725 | 73 | 762 | 19 | 775 | 11 | -6.84 | 773 | 11 |
| 14 | PRB2 | 0.77 | 0.0650 | 0.0025 | 1.1500 | 0.0433 | 0.1284 | 0.0020 | 0.406 | 773 | 79 | 777 | 20 | 779 | 11 | -0.67 | 778 | 11 |
| 15 | PRB35 | 0.85 | 0.0632 | 0.0024 | 1.1210 | 0.0428 | 0.1287 | 0.0020 | 0.411 | 714 | 80 | 763 | 20 | 780 | 12 | -9.36 | — | — |
| 16 | PRB27 | 0.59 | 0.0647 | 0.0022 | 1.1488 | 0.0383 | 0.1288 | 0.0019 | 0.445 | 764 | 69 | 777 | 18 | 781 | 11 | -2.21 | 780 | 11 |
| 17 | PRB33 | 0.79 | 0.0641 | 0.0022 | 1.1404 | 0.0384 | 0.1290 | 0.0019 | 0.446 | 745 | 70 | 773 | 18 | 782 | 11 | -5.06 | 781 | 11 |
| 18 | PRB41 | 0.66 | 0.0659 | 0.0025 | 1.1734 | 0.0444 | 0.1291 | 0.0021 | 0.422 | 804 | 78 | 788 | 21 | 783 | 12 | 2.63 | 783 | 12 |
| 19 | PRB12 | 1.29 | 0.0648 | 0.0019 | 1.1535 | 0.0334 | 0.1291 | 0.0018 | 0.479 | 767 | 60 | 779 | 16 | 783 | 10 | -2.07 | 782 | 10 |
| 20 | PRB26 | 0.73 | 0.0658 | 0.0020 | 1.1758 | 0.0358 | 0.1297 | 0.0019 | 0.471 | 798 | 63 | 789 | 17 | 786 | 11 | 1.54 | 786 | 10 |
| 21 | PRB29 | 0.90 | 0.0670 | 0.0028 | 1.1992 | 0.0488 | 0.1298 | 0.0021 | 0.402 | 838 | 84 | 800 | 23 | 786 | 12 | 6.20 | 788 | 12 |
| 22 | PRB17 | 0.08 | 0.0627 | 0.0014 | 1.1254 | 0.0249 | 0.1302 | 0.0017 | 0.583 | 697 | 46 | 766 | 12 | 789 | 10 | -13.23 | — | — |
| 23 | PRB38 | 0.61 | 0.0687 | 0.0022 | 1.2409 | 0.0393 | 0.1310 | 0.0019 | 0.468 | 889 | 64 | 819 | 18 | 794 | 11 | 10.71 | — | — |
| 24 | PRB16 | 0.83 | 0.0633 | 0.0017 | 1.1468 | 0.0310 | 0.1314 | 0.0018 | 0.505 | 718 | 57 | 776 | 15 | 796 | 10 | -10.90 | — | — |
| 25 | PRB31 | 0.99 | 0.0648 | 0.0020 | 1.1761 | 0.0359 | 0.1317 | 0.0019 | 0.473 | 767 | 63 | 790 | 17 | 797 | 11 | -3.98 | 796 | 11 |
| 26 | PRB18 | 0.54 | 0.0634 | 0.0019 | 1.1533 | 0.0344 | 0.1318 | 0.0019 | 0.470 | 723 | 63 | 779 | 16 | 798 | 11 | -10.43 | — | — |

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| no. | Point | Th/U | Isotope ratios | | | | | | | Age (Ma) | | | | | | D, % | **Concordant**  **age (Ma)** | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | Rho | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 27 | PRB10 | 0.86 | 0.0639 | 0.0023 | 1.1628 | 0.0407 | 0.1319 | 0.0020 | 0.425 | 739 | 73 | 783 | 19 | 799 | 11 | -8.15 | 797 | 11 |
| 28 | PRB39 | 0.51 | 0.0622 | 0.0021 | 1.1341 | 0.0376 | 0.1323 | 0.0020 | 0.453 | 680 | 70 | 770 | 18 | 801 | 11 | -17.83 | — | — |
| 29 | PRB42 | 0.64 | 0.0634 | 0.0021 | 1.1656 | 0.0390 | 0.1333 | 0.0020 | 0.455 | 721 | 70 | 785 | 18 | 807 | 12 | -11.84 | — | — |
| 30 | PRB40 | 0.78 | 0.0672 | 0.0024 | 1.2373 | 0.0435 | 0.1336 | 0.0021 | 0.441 | 843 | 72 | 818 | 20 | 808 | 12 | 4.14 | 809 | 12 |
| 31 | PRB50 | 1.76 | 0.0664 | 0.0030 | 1.2221 | 0.0544 | 0.1336 | 0.0023 | 0.394 | 817 | 91 | 811 | 25 | 808 | 13 | 1.11 | 808 | 13 |
| 32 | PRB15 | 0.74 | 0.0667 | 0.0021 | 1.2295 | 0.0386 | 0.1337 | 0.0019 | 0.458 | 828 | 65 | 814 | 18 | 809 | 11 | 2.26 | 810 | 11 |
| 33 | PRB34 | 0.31 | 0.0702 | 0.0021 | 1.3001 | 0.0383 | 0.1343 | 0.0019 | 0.488 | 935 | 59 | 846 | 17 | 812 | 11 | 13.11 | — | — |
| 34 | PRB4 | 1.86 | 0.0721 | 0.0024 | 1.3426 | 0.0447 | 0.1351 | 0.0020 | 0.444 | 988 | 67 | 864 | 19 | 817 | 11 | 17.34 | — | — |
| 35 | PRB28 | 2.28 | 0.0633 | 0.0019 | 1.2067 | 0.0367 | 0.1382 | 0.0020 | 0.471 | 719 | 64 | 804 | 17 | 834 | 11 | -16.05 | — | — |
| 36 | PRB49 | 0.76 | 0.0666 | 0.0032 | 1.2826 | 0.0604 | 0.1396 | 0.0025 | 0.385 | 826 | 96 | 838 | 27 | 843 | 14 | -2.07 | 842 | 14 |
| 37 | PRB46 | 1.31 | 0.0717 | 0.0026 | 1.3891 | 0.0504 | 0.1406 | 0.0022 | 0.439 | 976 | 73 | 884 | 21 | 848 | 13 | 13.11 | — | — |
| 38 | PRB30 | 0.70 | 0.0656 | 0.0022 | 1.2780 | 0.0420 | 0.1413 | 0.0021 | 0.453 | 793 | 68 | 836 | 19 | 852 | 12 | -7.41 | 850 | 12 |
| 39 | PRB6 | 0.55 | 0.0742 | 0.0022 | 1.6163 | 0.0470 | 0.1580 | 0.0022 | 0.485 | 1046 | 58 | 977 | 18 | 946 | 12 | 9.58 | 950 | 12 |
| 40 | PRB14 | 1.59 | 0.0719 | 0.0015 | 1.5746 | 0.0327 | 0.1589 | 0.0020 | 0.612 | 983 | 41 | 960 | 13 | 950 | 11 | 3.27 | 954 | 11 |
| 41 | PRB36 | 0.33 | 0.0733 | 0.0027 | 1.8397 | 0.0660 | 0.1821 | 0.0029 | 0.440 | 1021 | 72 | 1060 | 24 | 1078 | 16 | -5.57 | 1075 | 15 |
| 42 | PRB22 | 0.42 | 0.1184 | 0.0026 | 5.9969 | 0.1313 | 0.3673 | 0.0048 | 0.596 | 1932 | 38 | 1975 | 19 | 2017 | 23 | -4.36 | 1987 | 18 |
| 43 | PRB20 | 0.20 | 0.1196 | 0.0026 | 5.5276 | 0.1194 | 0.3350 | 0.0044 | 0.605 | 1951 | 38 | 1905 | 19 | 1863 | 21 | 4.52 | 1890 | 18 |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | Age (Ma) | | | | | | D, % | **Concordant**  **age (Ma)** | | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | 206Pb/238U | | ±1s | Rho | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 44 | PRB13 | 0.42 | 0.1357 | | 0.0028 | 7.1418 | 0.1480 | 0.3817 | | 0.0050 | 0.630 | 2173 | 35 | 2129 | 18 | 2084 | 23 | 4.07 | 2119 | | | 18 |
| **U1603** | | | | | | | | | | | | | | | | | | | | | | |
| 1 | U1603  -01 | 0.06 | 0.0720 | 0.0004 | | 1.6566 | 0.0205 | 0.1669 | 0.0019 | | 0.900 | 985 | 11 | 992 | 8 | 995 | 10 | -1.02 | | 991 | 8 | |
| 2 | U1603  -02 | 0.34 | 0.0710 | 0.0004 | | 1.6032 | 0.0198 | 0.1638 | 0.0018 | | 0.900 | 957 | 11 | 971 | 8 | 978 | 10 | -2.19 | | 969 | 8 | |
| 3 | U1603  -03 | 1.18 | 0.0670 | 0.0010 | | 1.2243 | 0.0318 | 0.1326 | 0.0019 | | 0.543 | 837 | 30 | 812 | 15 | 803 | 11 | 4.06 | | 804 | 10 | |
| 4 | U1603  -05 | 0.48 | 0.0698 | 0.0004 | | 1.5119 | 0.0196 | 0.1572 | 0.0018 | | 0.874 | 921 | 11 | 935 | 8 | 941 | 10 | -2.17 | | 934 | 8 | |
| 5 | U1603  -10 | 0.50 | 0.1600 | 0.0009 | | 10.1406 | 0.1242 | 0.4598 | 0.0052 | | 0.900 | 2455 | 9 | 2448 | 11 | 2439 | 23 | 0.65 | | 2453 | 9 | |
| 6 | U1603  -13 | 0.06 | 0.0702 | 0.0004 | | 1.4919 | 0.0196 | 0.1543 | 0.0018 | | 0.864 | 933 | 11 | 927 | 8 | 925 | 10 | 0.86 | | 927 | 8 | |
| 7 | U1603  -14 | 0.96 | 0.0661 | 0.0006 | | 1.2199 | 0.0218 | 0.1339 | 0.0016 | | 0.685 | 809 | 18 | 810 | 10 | 810 | 9 | -0.12 | | 810 | 9 | |
| 8 | U1603  -15 | 0.62 | 0.0800 | 0.0005 | | 2.2706 | 0.0312 | 0.2058 | 0.0024 | | 0.838 | 1198 | 11 | 1203 | 10 | 1206 | 13 | -0.67 | | 1203 | 10 | |
| 9 | U1603  -16 | 1.56 | 0.0672 | 0.0007 | | 1.1995 | 0.0252 | 0.1295 | 0.0017 | | 0.621 | 843 | 22 | 800 | 12 | 785 | 10 | 6.88 | | 789 | 9 | |
| 10 | U1603  -17 | 0.38 | 0.0691 | 0.0004 | | 1.4517 | 0.0202 | 0.1524 | 0.0018 | | 0.831 | 901 | 12 | 911 | 8 | 914 | 10 | -1.44 | | 911 | 8 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | Age (Ma) | | | | | | D, % | **Concordant**  **age (Ma)** | | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | Rho | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 11 | U1603  -18 | 0.86 | 0.1647 | 0.0009 | | 11.0298 | 0.1437 | 0.4857 | 0.0056 | 0.882 | 2504 | 9 | 2526 | 12 | 2552 | 24 | -1.92 | | 2513 | 10 | |
| 12 | U1603  -19 | 0.56 | 0.0651 | 0.0004 | | 1.2131 | 0.0181 | 0.1352 | 0.0016 | 0.783 | 777 | 14 | 807 | 8 | 817 | 9 | -5.15 | | 810 | 8 | |
| 13 | U1603  -25 | 0.22 | 0.0756 | 0.0004 | | 1.8794 | 0.0246 | 0.1804 | 0.0021 | 0.878 | 1084 | 11 | 1074 | 9 | 1069 | 11 | 1.38 | | 1075 | 9 | |
| 14 | U1603  -26 | 0.29 | 0.0985 | 0.0006 | | 3.8770 | 0.0509 | 0.2855 | 0.0033 | 0.884 | 1596 | 10 | 1609 | 11 | 1619 | 17 | -1.44 | | 1604 | 10 | |
| 15 | U1603  -27 | 0.87 | 0.0723 | 0.0005 | | 1.6617 | 0.0241 | 0.1667 | 0.0020 | 0.810 | 994 | 13 | 994 | 9 | 994 | 11 | 0.00 | | 994 | 9 | |
| 16 | U1603  -28 | 0.07 | 0.0694 | 0.0004 | | 1.5255 | 0.0197 | 0.1594 | 0.0018 | 0.887 | 912 | 11 | 941 | 8 | 953 | 10 | -4.50 | | 936 | 8 | |
| 17 | U1603  -29 | 0.51 | 0.0652 | 0.0005 | | 1.1870 | 0.0184 | 0.1320 | 0.0016 | 0.766 | 781 | 14 | 795 | 9 | 799 | 9 | -2.30 | | 796 | 8 | |
| 18 | U1603  -30 | 1.25 | 0.0729 | 0.0006 | | 1.5306 | 0.0261 | 0.1522 | 0.0019 | 0.726 | 1012 | 15 | 943 | 10 | 913 | 11 | 9.78 | | — | — | |
| 19 | U1603  -32 | 2.08 | 0.1625 | 0.0011 | | 10.5553 | 0.1599 | 0.4712 | 0.0060 | 0.834 | 2482 | 11 | 2485 | 14 | 2489 | 26 | -0.28 | | 2483 | 13 | |
| 20 | U1603  -33 | 0.67 | 0.1757 | 0.0010 | | 12.4226 | 0.1623 | 0.5127 | 0.0059 | 0.885 | 2613 | 9 | 2637 | 12 | 2668 | 25 | -2.10 | | 2621 | 10 | |
| 21 | U1603  -34 | 0.67 | 0.0731 | 0.0005 | | 1.6446 | 0.0239 | 0.1633 | 0.0019 | 0.810 | 1015 | 13 | 987 | 9 | 975 | 11 | 3.94 | | 986 | 9 | |
| 22 | U1603 | 0.86 | 0.0722 | 0.0005 | | 1.6705 | 0.0252 | 0.1677 | 0.0020 | 0.791 | 993 | 13 | 997 | 10 | 1000 | 11 | -0.70 | | 999 | 10 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | Age (Ma) | | | | | | D, % | **Concordant**  **age (Ma)** | | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | Rho | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
|  | -35 |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  | |
| 23 | U1603  -39 | 1.05 | 0.0718 | 0.0006 | | 1.4749 | 0.0272 | 0.1490 | 0.0019 | 0.688 | 980 | 17 | 920 | 11 | 895 | 11 | 8.67 | | 905 | 10 | |
| 24 | U1603  -41 | 0.91 | 0.1725 | 0.0010 | | 11.6120 | 0.1455 | 0.4882 | 0.0057 | 0.900 | 2582 | 9 | 2574 | 12 | 2563 | 25 | 0.74 | | 2579 | 9 | |
| 25 | U1603  -45 | 0.27 | 0.0724 | 0.0004 | | 1.6911 | 0.0232 | 0.1694 | 0.0020 | 0.855 | 997 | 12 | 1005 | 9 | 1009 | 11 | -1.20 | | 1005 | 9 | |
| 26 | U1603  -46 | 0.67 | 0.1628 | 0.0009 | | 10.5649 | 0.1293 | 0.4707 | 0.0055 | 0.900 | 2485 | 9 | 2486 | 11 | 2487 | 24 | -0.08 | | 2485 | 9 | |
| 27 | U1603  -49 | 0.80 | 0.0657 | 0.0018 | | 1.2195 | 0.0527 | 0.1347 | 0.0025 | 0.428 | 796 | 56 | 810 | 24 | 814 | 14 | -2.26 | | 814 | 14 | |
| 28 | U1603  -51 | 0.36 | 0.0808 | 0.0005 | | 2.3122 | 0.0298 | 0.2077 | 0.0024 | 0.900 | 1215 | 11 | 1216 | 9 | 1216 | 13 | -0.08 | | 1216 | 9 | |
| 29 | U1603  -52 | 0.62 | 0.0673 | 0.0004 | | 1.2798 | 0.0183 | 0.1380 | 0.0016 | 0.825 | 846 | 13 | 837 | 8 | 833 | 9 | 1.54 | | 836 | 8 | |
| 30 | U1603  -53 | 1.46 | 0.1024 | 0.0045 | | 3.8961 | 0.2195 | 0.2760 | 0.0042 | 0.269 | 1667 | 79 | 1613 | 46 | 1571 | 21 | 5.76 | | 1575 | 21 | |
| 31 | U1603  -55 | 0.83 | 0.1884 | 0.0010 | | 12.2412 | 0.1546 | 0.4713 | 0.0055 | 0.900 | 2728 | 9 | 2623 | 12 | 2489 | 24 | 8.76 | | — | — | |
| 32 | U1603  -56 | 0.13 | 0.0711 | 0.0004 | | 1.5550 | 0.0213 | 0.1586 | 0.0019 | 0.855 | 961 | 12 | 952 | 8 | 949 | 10 | 1.25 | | 953 | 9 | |
| 33 | U1603  -57 | 0.45 | 0.0716 | 0.0004 | | 1.6396 | 0.0214 | 0.1662 | 0.0019 | 0.891 | 974 | 11 | 986 | 8 | 991 | 11 | -1.75 | | 983 | 8 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | Age (Ma) | | | | | | D, % | **Concordant**  **age (Ma)** | | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | Rho | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 34 | U1603  -58 | 0.48 | 0.1598 | 0.0009 | | 8.4938 | 0.1131 | 0.3855 | 0.0046 | 0.886 | 2454 | 9 | 2285 | 12 | 2102 | 21 | 14.34 | | — | — | |
| 35 | U1603  -59 | 0.18 | 0.0795 | 0.0005 | | 2.1094 | 0.0295 | 0.1925 | 0.0023 | 0.844 | 1184 | 12 | 1152 | 10 | 1135 | 12 | 4.14 | | 1154 | 10 | |
| 36 | U1603  -60 | 0.39 | 0.0698 | 0.0005 | | 1.4675 | 0.0220 | 0.1526 | 0.0018 | 0.795 | 921 | 13 | 917 | 9 | 915 | 10 | 0.65 | | 917 | 9 | |
| 37 | U1603  -61 | 0.49 | 0.1644 | 0.0019 | | 10.3282 | 0.2107 | 0.4557 | 0.0057 | 0.608 | 2501 | 18 | 2465 | 19 | 2420 | 25 | 3.24 | | 2456 | 19 | |
| 38 | U1603  -65 | 0.51 | 0.1639 | 0.0009 | | 10.7673 | 0.1342 | 0.4766 | 0.0056 | 0.900 | 2496 | 9 | 2503 | 12 | 2512 | 24 | -0.64 | | 2499 | 9 | |
| 39 | U1603  -67 | 0.28 | 0.0727 | 0.0004 | | 1.6921 | 0.0230 | 0.1688 | 0.0020 | 0.863 | 1006 | 12 | 1006 | 9 | 1005 | 11 | 0.10 | | 1006 | 9 | |
| 40 | U1603  -68 | 0.30 | 0.0715 | 0.0004 | | 1.6081 | 0.0216 | 0.1632 | 0.0019 | 0.873 | 971 | 12 | 973 | 8 | 975 | 11 | -0.41 | | 973 | 8 | |
| 41 | U1603  -71 | 0.98 | 0.1677 | 0.0009 | | 11.3582 | 0.1431 | 0.4913 | 0.0057 | 0.900 | 2535 | 9 | 2553 | 12 | 2576 | 25 | -1.62 | | 2541 | 9 | |
| 42 | U1603  -73 | 0.29 | 0.1631 | 0.0009 | | 11.0577 | 0.1355 | 0.4918 | 0.0057 | 0.900 | 2488 | 9 | 2528 | 11 | 2578 | 24 | -3.62 | | — | — | |
| 43 | U1603  -76 | 0.88 | 0.0645 | 0.0004 | | 0.9459 | 0.0127 | 0.1064 | 0.0012 | 0.868 | 758 | 12 | 676 | 7 | 652 | 7 | 13.98 | | — | — | |
| 44 | U1603  -77 | 0.81 | 0.0649 | 0.0007 | | 1.0888 | 0.0230 | 0.1217 | 0.0016 | 0.626 | 771 | 22 | 748 | 11 | 740 | 9 | 4.02 | | 742 | 9 | |
| 45 | U1603 | 0.81 | 0.0972 | 0.0006 | | 3.6274 | 0.0511 | 0.2708 | 0.0032 | 0.848 | 1570 | 11 | 1556 | 11 | 1545 | 16 | 1.59 | | 1559 | 11 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | Age (Ma) | | | | | | D, % | **Concordant**  **age (Ma)** | | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | Rho | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
|  | -79 |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  | |
| 46 | U1603  -80 | 0.50 | 0.0924 | 0.0006 | | 3.0148 | 0.0439 | 0.2367 | 0.0028 | 0.824 | 1476 | 12 | 1411 | 11 | 1369 | 15 | 7.25 | | — | — | |
| 47 | U1603  -81 | 0.42 | 0.0667 | 0.0005 | | 1.2372 | 0.0194 | 0.1346 | 0.0016 | 0.768 | 828 | 14 | 818 | 9 | 814 | 9 | 1.69 | | 816 | 9 | |
| 48 | U1603  -86 | 0.42 | 0.1601 | 0.0009 | | 10.2228 | 0.1377 | 0.4631 | 0.0055 | 0.874 | 2457 | 10 | 2455 | 12 | 2453 | 24 | 0.16 | | 2456 | 10 | |
| 49 | U1603  -87 | 0.62 | 0.0732 | 0.0006 | | 1.6955 | 0.0289 | 0.1680 | 0.0021 | 0.729 | 1020 | 16 | 1007 | 11 | 1001 | 12 | 1.86 | | 1002 | 10 | |
| 50 | U1603  -88 | 0.25 | 0.1424 | 0.0008 | | 8.2960 | 0.1000 | 0.4226 | 0.0048 | 0.900 | 2256 | 9 | 2264 | 11 | 2272 | 22 | -0.71 | | 2259 | 9 | |
| 51 | U1603  -91 | 0.83 | 0.0697 | 0.0005 | | 1.4640 | 0.0225 | 0.1523 | 0.0018 | 0.781 | 920 | 14 | 916 | 9 | 914 | 10 | 0.65 | | 915 | 9 | |
| 52 | U1603  -93 | 0.49 | 0.0718 | 0.0005 | | 1.6357 | 0.0248 | 0.1652 | 0.0020 | 0.792 | 981 | 13 | 984 | 10 | 985 | 11 | -0.41 | | 984 | 10 | |
| 53 | U1603  -94 | 0.64 | 0.0711 | 0.0005 | | 1.5979 | 0.0227 | 0.1631 | 0.0019 | 0.829 | 959 | 12 | 969 | 9 | 974 | 11 | -1.56 | | 969 | 9 | |
| 54 | U1603  -96 | 0.40 | 0.0719 | 0.0005 | | 1.5815 | 0.0229 | 0.1595 | 0.0019 | 0.816 | 984 | 13 | 963 | 9 | 954 | 10 | 3.05 | | 962 | 9 | |
| 55 | U1603  -97 | 0.60 | 0.1656 | 0.0009 | | 10.7422 | 0.1391 | 0.4705 | 0.0055 | 0.900 | 2514 | 9 | 2501 | 12 | 2486 | 24 | 1.11 | | 2510 | 9 | |
| 56 | U1603  -98 | 1.42 | 0.3288 | 0.0171 | | 12.3746 | 1.0220 | 0.2730 | 0.0092 | 0.406 | 3611 | 77 | 2633 | 78 | 1556 | 46 | 56.91 | | — | — | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | Age (Ma) | | | | | | D, % | **Concordant**  **age (Ma)** | | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | Rho | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 57 | U1603  -99 | 0.32 | 0.1651 | 0.0011 | | 10.8077 | 0.1573 | 0.4748 | 0.0059 | 0.852 | 2508 | 10 | 2507 | 14 | 2505 | 26 | 0.12 | | 2508 | 12 | |
| 58 | U1603  -101 | 0.36 | 0.0716 | 0.0004 | | 1.6886 | 0.0237 | 0.1710 | 0.0020 | 0.830 | 975 | 12 | 1004 | 9 | 1018 | 11 | -4.41 | | 1004 | 9 | |
| 59 | U1603  -103 | 0.25 | 0.0669 | 0.0005 | | 1.1694 | 0.0178 | 0.1269 | 0.0015 | 0.776 | 833 | 14 | 786 | 8 | 770 | 9 | 7.56 | | 779 | 8 | |
| 60 | U1603  -104 | 0.50 | 0.0672 | 0.0005 | | 1.2327 | 0.0189 | 0.1330 | 0.0016 | 0.774 | 845 | 14 | 816 | 9 | 805 | 9 | 4.73 | | 811 | 8 | |
| 61 | U1603  -105 | 1.01 | 0.1638 | 0.0011 | | 10.5805 | 0.1563 | 0.4685 | 0.0058 | 0.834 | 2495 | 11 | 2487 | 14 | 2477 | 25 | 0.72 | | 2491 | 12 | |
| 62 | U1603  -108 | 0.67 | 0.0707 | 0.0008 | | 1.4847 | 0.0310 | 0.1524 | 0.0020 | 0.629 | 948 | 21 | 924 | 13 | 914 | 11 | 3.59 | | 918 | 11 | |
| 63 | U1603  -109 | 0.46 | 0.0670 | 0.0006 | | 1.2594 | 0.0219 | 0.1363 | 0.0017 | 0.704 | 838 | 17 | 828 | 10 | 824 | 9 | 1.67 | | 826 | 9 | |
| 64 | U1603  -110 | 0.50 | 0.0707 | 0.0004 | | 1.5994 | 0.0202 | 0.1640 | 0.0019 | 0.896 | 950 | 11 | 970 | 8 | 979 | 10 | -3.05 | | 966 | 8 | |
| 65 | U1603  -111 | 0.39 | 0.0784 | 0.0004 | | 2.1450 | 0.0274 | 0.1985 | 0.0023 | 0.889 | 1157 | 11 | 1163 | 9 | 1167 | 12 | -0.86 | | 1162 | 8 | |
| 66 | U1603  -113 | 1.07 | 0.1296 | 0.0100 | | 1.2165 | 0.1159 | 0.0681 | 0.0014 | 0.220 | 2092 | 133 | 808 | 53 | 425 | 9 | 79.68 | | — | — | |
| 67 | U1603  -114 | 0.91 | 0.1596 | 0.0009 | | 10.3438 | 0.1320 | 0.4700 | 0.0054 | 0.894 | 2452 | 9 | 2466 | 12 | 2483 | 24 | -1.26 | | 2457 | 9 | |
| 68 | U1603 | 0.89 | 0.1828 | 0.0010 | | 13.0822 | 0.1697 | 0.5190 | 0.0060 | 0.884 | 2679 | 9 | 2686 | 12 | 2695 | 25 | -0.60 | | 2681 | 10 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
|  | -116 |  |  |  | |  |  |  |  | |  | |  |  |  |  |  |  |  | | |  |  | |
| 69 | U1603  -118 | 0.52 | 0.0851 | 0.0005 | | 2.6895 | 0.0355 | 0.2292 | 0.0026 | | 0.863 | | 1318 | 11 | 1326 | 10 | 1330 | 14 | -0.91 | | | 1324 | 10 | |
| 70 | U1603  -119 | 0.38 | 0.0695 | 0.0004 | | 1.5015 | 0.0215 | 0.1566 | 0.0018 | | 0.806 | | 915 | 13 | 931 | 9 | 938 | 10 | -2.51 | | | 932 | 9 | |
| 71 | U1603  -120 | 0.67 | 0.3457 | 0.0020 | | 30.5051 | 0.4069 | 0.6400 | 0.0073 | | 0.855 | | 3688 | 9 | 3503 | 13 | 3189 | 29 | 13.53 | | | — | — | |
| 72 | U1603  -122 | 0.45 | 0.0572 | 0.0009 | | 0.7364 | 0.0191 | 0.0934 | 0.0013 | | 0.528 | | 499 | 32 | 560 | 11 | 576 | 8 | -15.43 | | | — | — | |
| 73 | U1603  -123 | 0.95 | 0.1730 | 0.0011 | | 11.5456 | 0.1615 | 0.4840 | 0.0056 | | 0.824 | | 2587 | 10 | 2568 | 13 | 2545 | 24 | 1.62 | | | 2577 | 12 | |
| 74 | U1603  -124 | 0.28 | 0.0718 | 0.0005 | | 1.6490 | 0.0243 | 0.1666 | 0.0019 | | 0.786 | | 980 | 13 | 989 | 9 | 993 | 11 | -1.33 | | | 990 | 9 | |
| 75 | U1603  -125 | 0.62 | 0.2594 | 0.0017 | | 23.3306 | 0.3424 | 0.6524 | 0.0077 | | 0.800 | | 3243 | 10 | 3241 | 14 | 3238 | 30 | 0.15 | | | 3242 | 13 | |
| 76 | U1603  -126 | 0.54 | 0.2928 | 0.0020 | | 28.3109 | 0.4242 | 0.7014 | 0.0083 | | 0.788 | | 3432 | 10 | 3430 | 15 | 3426 | 31 | 0.17 | | | 3431 | 13 | |
| **U1675** | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | U1675-  01 | 0.58 | 0.0648 | | 0.000  8 | 1.1507 | 0.0257 | 0.1289 | | 0.0018 | | 0.623 | 767 | 23 | 778 | 12 | 782 | 10 | -1.96 | 780 | | | 10 | |
| 2 | U1675-  03 | 0.69 | 0.0666 | | 0.000  6 | 1.1795 | 0.0226 | 0.1284 | | 0.0017 | | 0.692 | 826 | 19 | 791 | 11 | 779 | 10 | 5.69 | 783 | | | 9 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 3 | U1675-  04 | 0.74 | 0.0651 | 0.000  6 | 1.1344 | 0.0205 | 0.1264 | | 0.0016 | | 0.718 | 778 | 17 | 770 | 10 | 767 | 9 | 1.41 | 768 | | 9 | |
| 4 | U1675-  05 | 1.39 | 0.0657 | 0.000  9 | 1.1137 | 0.0272 | 0.1230 | | 0.0018 | | 0.588 | 796 | 27 | 760 | 13 | 748 | 10 | 6.03 | 750 | | 10 | |
| 5 | U1675-  06 | 0.51 | 0.0656 | 0.000  5 | 1.1774 | 0.0195 | 0.1302 | | 0.0017 | | 0.768 | 793 | 15 | 790 | 9 | 789 | 9 | 0.50 | 790 | | 9 | |
| 6 | U1675-  07 | 0.79 | 0.0655 | 0.000  6 | 1.1456 | 0.0206 | 0.1269 | | 0.0017 | | 0.724 | 789 | 17 | 775 | 10 | 770 | 9 | 2.41 | 772 | | 9 | |
| 7 | U1675-  08 | 0.99 | 0.0656 | 0.000  6 | 1.1021 | 0.0220 | 0.1218 | | 0.0016 | | 0.671 | 794 | 20 | 754 | 11 | 741 | 9 | 6.68 | 745 | | 9 | |
| 8 | U1675-  10 | 0.81 | 0.0670 | 0.000  6 | 1.1999 | 0.0217 | 0.1299 | | 0.0017 | | 0.720 | 838 | 17 | 801 | 10 | 787 | 10 | 6.09 | 793 | | 9 | |
| 9 | U1675-  11 | 0.79 | 0.0636 | 0.000  5 | 1.0965 | 0.0192 | 0.1250 | | 0.0016 | | 0.735 | 729 | 17 | 752 | 9 | 759 | 9 | -4.12 | 756 | | 9 | |
| 10 | U1675-  12 | 0.63 | 0.0663 | 0.000  6 | 1.1523 | 0.0214 | 0.1262 | | 0.0017 | | 0.704 | 814 | 19 | 778 | 10 | 766 | 9 | 5.90 | 771 | | 9 | |
| 11 | U1675-  13 | 0.72 | 0.0646 | 0.000  6 | 1.1304 | 0.0204 | 0.1269 | | 0.0016 | | 0.717 | 763 | 18 | 768 | 10 | 770 | 9 | -0.92 | 769 | | 9 | |
| 12 | U1675-  14 | 0.79 | 0.0661 | 0.000  7 | 1.1726 | 0.0257 | 0.1287 | | 0.0018 | | 0.630 | 809 | 24 | 788 | 12 | 781 | 10 | 3.46 | 783 | | 10 | |
| 13 | U1675-  15 | 0.67 | 0.0632 | 0.000  4 | 0.6310 | 0.0098 | 0.0724 | | 0.0009 | | 0.800 | 715 | 15 | 497 | 6 | 451 | 5 | 36.92 |  | |  | |
| 14 | U1675- | 0.78 | 0.0649 | 0.000 | 1.1381 | 0.0217 | 0.1272 | | 0.0017 | | 0.689 | 771 | 19 | 772 | 10 | 772 | 10 | -0.13 | 772 | | 9 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
|  | 16 |  |  | 6 |  |  |  | |  | |  |  |  |  |  |  |  |  |  | |  | |
| 15 | U1675-  17 | 0.71 | 0.0642 | 0.000  6 | 1.0834 | 0.0212 | 0.1225 | | 0.0016 | | 0.676 | 747 | 20 | 745 | 10 | 745 | 9 | 0.27 | 745 | | 9 | |
| 16 | U1675-  18 | 0.94 | 0.0668 | 0.000  6 | 1.1093 | 0.0213 | 0.1205 | | 0.0016 | | 0.688 | 831 | 19 | 758 | 10 | 733 | 9 | 11.79 | — | | — | |
| 17 | U1675-  19 | 0.95 | 0.0657 | 0.000  9 | 1.1076 | 0.0288 | 0.1222 | | 0.0018 | | 0.566 | 798 | 28 | 757 | 14 | 743 | 10 | 6.89 | 746 | | 10 | |
| 18 | U1675-  20 | 0.76 | 0.0694 | 0.000  7 | 1.1909 | 0.0233 | 0.1244 | | 0.0017 | | 0.683 | 911 | 18 | 796 | 11 | 756 | 10 | 17.01 | — | | — | |
| 19 | U1675-  21 | 0.58 | 0.0669 | 0.000  6 | 1.1035 | 0.0207 | 0.1197 | | 0.0016 | | 0.699 | 833 | 18 | 755 | 10 | 729 | 9 | 12.48 | — | | — | |
| 20 | U1675-  22 | 0.91 | 0.0663 | 0.000  7 | 1.1525 | 0.0243 | 0.1261 | | 0.0017 | | 0.647 | 816 | 21 | 778 | 11 | 766 | 10 | 6.13 | 769 | | 10 | |
| 21 | U1675-  23 | 0.76 | 0.0677 | 0.000  7 | 1.1968 | 0.0243 | 0.1282 | | 0.0017 | | 0.664 | 859 | 20 | 799 | 11 | 778 | 10 | 9.43 | 784 | | 10 | |
| 22 | U1675-  25 | 0.63 | 0.0644 | 0.000  6 | 1.1182 | 0.0206 | 0.1260 | | 0.0016 | | 0.706 | 754 | 18 | 762 | 10 | 765 | 9 | -1.46 | 764 | | 9 | |
| 23 | U1675-  27 | 0.72 | 0.0668 | 0.000  6 | 1.1695 | 0.0212 | 0.1269 | | 0.0017 | | 0.716 | 832 | 17 | 786 | 10 | 770 | 9 | 7.45 | 777 | | 9 | |
| 24 | U1675-  28 | 0.97 | 0.0641 | 0.000  7 | 1.0926 | 0.0230 | 0.1236 | | 0.0017 | | 0.641 | 745 | 21 | 750 | 11 | 751 | 10 | -0.81 | 751 | | 9 | |
| 25 | U1675-  30 | 0.80 | 0.0638 | 0.000  5 | 1.0846 | 0.0190 | 0.1233 | | 0.0016 | | 0.733 | 734 | 16 | 746 | 9 | 750 | 9 | -2.18 | 748 | | 9 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 26 | U1675-  31 | 0.47 | 0.0642 | 0.000  6 | 1.0757 | 0.0212 | 0.1215 | | 0.0016 | | 0.677 | 750 | 20 | 742 | 10 | 739 | 9 | 1.47 | 740 | | 9 | |
| 27 | U1675-  32 | 0.72 | 0.0647 | 0.000  5 | 1.1120 | 0.0186 | 0.1247 | | 0.0016 | | 0.761 | 763 | 16 | 759 | 9 | 758 | 9 | 0.66 | 758 | | 9 | |
| 28 | U1675-  33 | 0.57 | 0.0636 | 0.000  5 | 1.1049 | 0.0197 | 0.1260 | | 0.0016 | | 0.726 | 729 | 17 | 756 | 10 | 765 | 9 | -4.94 | 760 | | 9 | |
| 29 | U1675-  34 | 0.63 | 0.0649 | 0.000  6 | 1.1461 | 0.0221 | 0.1281 | | 0.0017 | | 0.687 | 771 | 19 | 775 | 10 | 777 | 10 | -0.78 | 776 | | 9 | |
| 30 | U1675-  35 | 0.74 | 0.0640 | 0.000  6 | 1.1029 | 0.0200 | 0.1249 | | 0.0016 | | 0.717 | 743 | 18 | 755 | 10 | 759 | 9 | -2.15 | 757 | | 9 | |
| 31 | U1675-  36 | 0.81 | 0.0651 | 0.000  8 | 1.1623 | 0.0279 | 0.1295 | | 0.0019 | | 0.596 | 777 | 26 | 783 | 13 | 785 | 11 | -1.03 | 785 | | 10 | |
| 32 | U1675-  38 | 0.65 | 0.0634 | 0.000  6 | 1.0985 | 0.0213 | 0.1257 | | 0.0017 | | 0.686 | 721 | 19 | 753 | 10 | 763 | 10 | -5.83 | 759 | | 9 | |
| 33 | U1675-  39 | 0.65 | 0.0646 | 0.000  6 | 1.1175 | 0.0212 | 0.1255 | | 0.0017 | | 0.697 | 761 | 19 | 762 | 10 | 762 | 10 | -0.13 | 762 | | 9 | |
| 34 | U1675-  40 | 0.64 | 0.0641 | 0.000  6 | 1.1263 | 0.0218 | 0.1274 | | 0.0017 | | 0.686 | 745 | 19 | 766 | 10 | 773 | 10 | -3.76 | 770 | | 9 | |
| 35 | U1675-  41 | 0.74 | 0.0644 | 0.000  5 | 1.1231 | 0.0187 | 0.1266 | | 0.0016 | | 0.770 | 753 | 16 | 764 | 9 | 768 | 9 | -1.99 | 766 | | 9 | |
| 36 | U1675-  42 | 0.75 | 0.0649 | 0.000  6 | 1.1256 | 0.0223 | 0.1259 | | 0.0017 | | 0.678 | 770 | 20 | 766 | 11 | 764 | 10 | 0.78 | 765 | | 9 | |
| 37 | U1675- | 0.41 | 0.0632 | 0.000 | 1.0972 | 0.0234 | 0.1259 | | 0.0017 | | 0.642 | 716 | 22 | 752 | 11 | 764 | 10 | -6.70 | 760 | | 9 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
|  | 44 |  |  | 7 |  |  |  | |  | |  |  |  |  |  |  |  |  |  | |  | |
| 38 | U1675-  46 | 0.80 | 0.0631 | 0.000  7 | 1.0525 | 0.0225 | 0.1209 | | 0.0017 | | 0.643 | 713 | 22 | 730 | 11 | 736 | 10 | -3.23 | 734 | | 9 | |
| 39 | U1675-  48 | 1.58 | 0.0655 | 0.000  8 | 1.0795 | 0.0250 | 0.1196 | | 0.0017 | | 0.614 | 790 | 25 | 743 | 12 | 728 | 10 | 7.85 | 731 | | 10 | |
| 40 | U1675-  49 | 0.71 | 0.0647 | 0.000  6 | 1.1170 | 0.0211 | 0.1252 | | 0.0017 | | 0.703 | 765 | 19 | 762 | 10 | 760 | 10 | 0.65 | 761 | | 9 | |
| 41 | U1675-  50 | 0.89 | 0.0649 | 0.000  5 | 1.1229 | 0.0186 | 0.1256 | | 0.0016 | | 0.776 | 770 | 16 | 764 | 9 | 762 | 9 | 1.04 | 764 | | 9 | |
| 42 | U1675-  51 | 0.89 | 0.0643 | 0.000  6 | 1.0884 | 0.0207 | 0.1228 | | 0.0016 | | 0.699 | 751 | 19 | 748 | 10 | 747 | 9 | 0.53 | 747 | | 9 | |
| 43 | U1675-  52 | 0.78 | 0.0631 | 0.000  5 | 1.0920 | 0.0193 | 0.1254 | | 0.0016 | | 0.737 | 713 | 17 | 749 | 9 | 762 | 9 | -6.87 | 756 | | 9 | |
| 44 | U1675-  53 | 0.67 | 0.0651 | 0.000  7 | 1.1125 | 0.0232 | 0.1239 | | 0.0017 | | 0.654 | 778 | 22 | 759 | 11 | 753 | 10 | 3.21 | 755 | | 9 | |
| 45 | U1675-  54 | 0.70 | 0.0634 | 0.000  5 | 1.0985 | 0.0194 | 0.1256 | | 0.0016 | | 0.734 | 723 | 17 | 753 | 9 | 763 | 9 | -5.53 | 758 | | 9 | |
| 46 | U1675-  55 | 0.59 | 0.0651 | 0.000  6 | 1.1099 | 0.0204 | 0.1238 | | 0.0016 | | 0.717 | 776 | 18 | 758 | 10 | 752 | 9 | 3.09 | 755 | | 9 | |
| 47 | U1675-  56 | 0.60 | 0.0657 | 0.000  6 | 1.1455 | 0.0210 | 0.1265 | | 0.0017 | | 0.717 | 796 | 18 | 775 | 10 | 768 | 9 | 3.52 | 771 | | 9 | |
| 48 | U1675-  57 | 0.68 | 0.0642 | 0.000  5 | 1.1026 | 0.0176 | 0.1245 | | 0.0016 | | 0.797 | 749 | 15 | 755 | 8 | 757 | 9 | -1.07 | 755 | | 8 | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| no. | Point | Th/U | Isotope ratios | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 49 | U1675-  58 | 0.73 | 0.0636 | 0.000  6 | 1.0786 | 0.0201 | 0.1230 | | 0.0016 | | 0.707 | 728 | 19 | 743 | 10 | 748 | 9 | -2.75 | 746 | | 9 | |
| 50 | U1675-  59 | 0.73 | 0.0654 | 0.000  6 | 1.1273 | 0.0214 | 0.1250 | | 0.0017 | | 0.696 | 787 | 19 | 766 | 10 | 759 | 9 | 3.56 | 762 | | 9 | |
| 51 | U1675-  60 | 1.20 | 0.0648 | 0.000  7 | 1.0808 | 0.0236 | 0.1210 | | 0.0017 | | 0.633 | 768 | 23 | 744 | 12 | 736 | 10 | 4.17 | 738 | | 9 | |
| 52 | U1675-  61 | 1.08 | 0.0611 | 0.001  2 | 1.1447 | 0.0373 | 0.1360 | | 0.0022 | | 0.493 | 641 | 41 | 775 | 18 | 822 | 12 | -  28.24 | — | | — | |
| 53 | U1675-  62 | 0.59 | 0.0632 | 0.000  6 | 1.0623 | 0.0196 | 0.1220 | | 0.0016 | | 0.709 | 713 | 18 | 735 | 10 | 742 | 9 | -4.07 | 739 | | 9 | |
| 54 | U1675-  63 | 0.52 | 0.0656 | 0.000  8 | 1.1857 | 0.0274 | 0.1312 | | 0.0019 | | 0.610 | 793 | 25 | 794 | 13 | 794 | 11 | -0.13 | 794 | | 10 | |
| 55 | U1675-  64 | 0.80 | 0.0646 | 0.000  5 | 1.1116 | 0.0199 | 0.1249 | | 0.0016 | | 0.726 | 760 | 17 | 759 | 10 | 759 | 9 | 0.13 | 759 | | 9 | |
| 56 | U1675-  65 | 0.72 | 0.0636 | 0.001  2 | 1.0210 | 0.0325 | 0.1165 | | 0.0019 | | 0.512 | 727 | 38 | 714 | 16 | 711 | 11 | 2.20 | 711 | | 11 | |
| 57 | U1675-  66 | 0.76 | 0.0641 | 0.000  6 | 1.1301 | 0.0211 | 0.1279 | | 0.0017 | | 0.705 | 745 | 18 | 768 | 10 | 776 | 10 | -4.16 | 772 | | 9 | |
| 58 | U1675-  67 | 0.65 | 0.0644 | 0.000  5 | 1.1106 | 0.0182 | 0.1251 | | 0.0016 | | 0.777 | 755 | 15 | 758 | 9 | 760 | 9 | -0.66 | 759 | | 8 | |
| 59 | U1675-  68 | 1.09 | 0.0649 | 0.000  9 | 1.1169 | 0.0293 | 0.1248 | | 0.0018 | | 0.562 | 772 | 30 | 761 | 14 | 758 | 11 | 1.81 | 759 | | 10 | |
| 60 | U1675- | 0.93 | 0.0646 | 0.000 | 1.1152 | 0.0195 | 0.1252 | | 0.0016 | | 0.738 | 762 | 17 | 761 | 9 | 760 | 9 | 0.26 | 761 | | 9 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
|  | 69 |  |  | 5 |  |  |  | |  | |  |  |  |  |  |  |  |  |  | |  | |
| 61 | U1675-  70 | 0.55 | 0.0655 | 0.000  5 | 1.1388 | 0.0197 | 0.1260 | | 0.0016 | | 0.745 | 791 | 16 | 772 | 9 | 765 | 9 | 3.29 | 768 | | 9 | |
| 62 | U1675-  71 | 1.31 | 0.0646 | 0.000  5 | 1.1166 | 0.0186 | 0.1254 | | 0.0016 | | 0.768 | 760 | 16 | 761 | 9 | 762 | 9 | -0.26 | 761 | | 9 | |
| 63 | U1675-  72 | 0.67 | 0.0680 | 0.001  3 | 1.1415 | 0.0368 | 0.1218 | | 0.0020 | | 0.515 | 868 | 38 | 773 | 17 | 741 | 12 | 14.63 | — | | — | |
| 64 | U1675-  74 | 1.23 | 0.0642 | 0.000  8 | 1.1089 | 0.0252 | 0.1252 | | 0.0018 | | 0.616 | 749 | 24 | 758 | 12 | 761 | 10 | -1.60 | 760 | | 10 | |
| 65 | U1675-  75 | 0.69 | 0.0642 | 0.000  6 | 1.1096 | 0.0204 | 0.1253 | | 0.0016 | | 0.713 | 749 | 18 | 758 | 10 | 761 | 9 | -1.60 | 760 | | 9 | |
| 66 | U1675-  76 | 0.70 | 0.0659 | 0.000  6 | 1.1541 | 0.0218 | 0.1270 | | 0.0017 | | 0.695 | 804 | 18 | 779 | 10 | 771 | 10 | 4.10 | 774 | | 9 | |
| 67 | U1675-  77 | 1.62 | 0.0641 | 0.000  4 | 1.0906 | 0.0166 | 0.1235 | | 0.0015 | | 0.820 | 743 | 14 | 749 | 8 | 751 | 9 | -1.08 | 749 | | 8 | |
| 68 | U1675-  80 | 0.87 | 0.0648 | 0.000  5 | 1.1072 | 0.0198 | 0.1239 | | 0.0016 | | 0.724 | 769 | 17 | 757 | 10 | 753 | 9 | 2.08 | 755 | | 9 | |
| 69 | U1675-  81 | 1.03 | 0.0689 | 0.000  7 | 1.3049 | 0.0264 | 0.1373 | | 0.0019 | | 0.669 | 897 | 20 | 848 | 12 | 829 | 11 | 7.58 | 836 | | 10 | |
| 70 | U1675-  82 | 0.51 | 0.0640 | 0.000  5 | 1.0973 | 0.0188 | 0.1243 | | 0.0016 | | 0.746 | 743 | 16 | 752 | 9 | 755 | 9 | -1.62 | 754 | | 9 | |
| 71 | U1675-  84 | 0.59 | 0.0653 | 0.000  5 | 1.1660 | 0.0198 | 0.1295 | | 0.0017 | | 0.751 | 784 | 16 | 785 | 9 | 785 | 9 | -0.13 | 785 | | 9 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 72 | U1675-  85 | 1.05 | 0.0661 | 0.000  5 | 1.1543 | 0.0199 | 0.1266 | | 0.0016 | | 0.742 | 810 | 16 | 779 | 9 | 769 | 9 | 5.06 | 774 | | 9 | |
| 73 | U1675-  87 | 0.70 | 0.0634 | 0.000  6 | 1.1193 | 0.0221 | 0.1280 | | 0.0017 | | 0.672 | 723 | 20 | 763 | 11 | 776 | 10 | -7.33 | 771 | | 9 | |
| 74 | U1675-  88 | 0.75 | 0.0647 | 0.000  5 | 1.1341 | 0.0197 | 0.1271 | | 0.0016 | | 0.737 | 765 | 16 | 770 | 9 | 771 | 9 | -0.78 | 771 | | 9 | |
| 75 | U1675-  90 | 0.47 | 0.0661 | 0.000  7 | 1.1511 | 0.0232 | 0.1263 | | 0.0017 | | 0.664 | 810 | 20 | 778 | 11 | 767 | 10 | 5.31 | 770 | | 9 | |
| 76 | U1675-  91 | 0.72 | 0.0642 | 0.000  7 | 1.1261 | 0.0245 | 0.1272 | | 0.0017 | | 0.630 | 749 | 22 | 766 | 12 | 772 | 10 | -3.07 | 770 | | 10 | |
| 77 | U1675-  92 | 0.64 | 0.0656 | 0.001  0 | 1.0821 | 0.0290 | 0.1197 | | 0.0018 | | 0.557 | 792 | 30 | 745 | 14 | 729 | 10 | 7.95 | 732 | | 10 | |
| 78 | U1675-  93 | 0.85 | 0.0650 | 0.000  6 | 1.1207 | 0.0201 | 0.1249 | | 0.0015 | | 0.662 | 776 | 18 | 763 | 10 | 759 | 8 | 2.19 | 760 | | 8 | |
| 79 | U1675-  94 | 0.81 | 0.0646 | 0.000  5 | 1.1094 | 0.0183 | 0.1244 | | 0.0014 | | 0.702 | 763 | 16 | 758 | 9 | 756 | 8 | 0.92 | 757 | | 8 | |
| 80 | U1675-  95 | 0.53 | 0.0649 | 0.000  5 | 1.1023 | 0.0170 | 0.1231 | | 0.0014 | | 0.741 | 771 | 14 | 754 | 8 | 749 | 8 | 2.85 | 751 | | 8 | |
| 81 | U1675-  96 | 0.80 | 0.0639 | 0.000  6 | 1.0979 | 0.0193 | 0.1247 | | 0.0015 | | 0.675 | 737 | 17 | 752 | 9 | 757 | 8 | -2.71 | 756 | | 8 | |
| 82 | U1675-  97 | 0.78 | 0.0635 | 0.000  6 | 1.0898 | 0.0206 | 0.1244 | | 0.0015 | | 0.643 | 725 | 19 | 748 | 10 | 756 | 9 | -4.28 | 754 | | 8 | |
| 83 | U1675- | 0.83 | 0.0624 | 0.000 | 1.0949 | 0.0193 | 0.1273 | | 0.0015 | | 0.673 | 687 | 18 | 751 | 9 | 772 | 9 | - |  | |  | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
|  | 98 |  |  | 5 |  |  |  | |  | |  |  |  |  |  |  |  | 12.37 |  | |  | |
| 84 | U1675-  99 | 1.50 | 0.0636 | 0.000  4 | 1.0842 | 0.0156 | 0.1236 | | 0.0014 | | 0.787 | 728 | 13 | 746 | 8 | 751 | 8 | -3.16 | 748 | | 7 | |
| 85 | U1675-  100 | 0.47 | 0.0639 | 0.000  5 | 1.1132 | 0.0191 | 0.1262 | | 0.0015 | | 0.693 | 740 | 17 | 760 | 9 | 766 | 9 | -3.51 | 764 | | 8 | |
| 86 | U1675-  101 | 0.78 | 0.0698 | 0.000  7 | 1.2252 | 0.0232 | 0.1273 | | 0.0016 | | 0.653 | 922 | 19 | 812 | 11 | 772 | 9 | 16.27 | — | | — | |
| 87 | U1675-  103 | 0.77 | 0.0671 | 0.000  6 | 1.1849 | 0.0210 | 0.1280 | | 0.0016 | | 0.684 | 841 | 17 | 794 | 10 | 777 | 9 | 7.61 | 782 | | 9 | |
| 88 | U1675-  104 | 0.77 | 0.0630 | 0.000  8 | 1.0956 | 0.0256 | 0.1261 | | 0.0017 | | 0.567 | 709 | 26 | 751 | 12 | 765 | 10 | -7.90 | 762 | | 9 | |
| 89 | U1675-  107 | 0.66 | 0.0639 | 0.000  5 | 1.1268 | 0.0197 | 0.1278 | | 0.0015 | | 0.688 | 739 | 17 | 766 | 9 | 776 | 9 | -5.01 | 772 | | 8 | |
| 90 | U1675-  108 | 0.84 | 0.0641 | 0.000  6 | 1.1059 | 0.0200 | 0.1251 | | 0.0015 | | 0.671 | 745 | 18 | 756 | 10 | 760 | 9 | -2.01 | 759 | | 8 | |
| 91 | U1675-  109 | 0.67 | 0.0634 | 0.000  5 | 1.0962 | 0.0184 | 0.1254 | | 0.0015 | | 0.713 | 721 | 16 | 752 | 9 | 762 | 9 | -5.69 | 757 | | 8 | |
| 92 | U1675-  111 | 0.86 | 0.0652 | 0.000  5 | 1.1197 | 0.0191 | 0.1247 | | 0.0015 | | 0.705 | 779 | 16 | 763 | 9 | 757 | 9 | 2.82 | 759 | | 8 | |
| 93 | U1675-  112 | 1.12 | 0.0637 | 0.000  5 | 1.0885 | 0.0173 | 0.1240 | | 0.0015 | | 0.739 | 731 | 15 | 748 | 8 | 753 | 8 | -3.01 | 751 | | 8 | |
| 94 | U1675-  113 | 0.73 | 0.0636 | 0.000  6 | 1.1074 | 0.0203 | 0.1263 | | 0.0015 | | 0.667 | 729 | 18 | 757 | 10 | 766 | 9 | -5.08 | 763 | | 8 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 95 | U1675-  114 | 0.89 | 0.0631 | 0.000  5 | 1.0811 | 0.0177 | | 0.1243 | | 0.0015 | | 0.725 | 712 | 16 | 744 | 9 | 755 | 8 | -6.04 | 750 | | 8 | |
| 96 | U1675-  116 | 0.73 | 0.0668 | 0.000  5 | 1.1792 | 0.0185 | | 0.1280 | | 0.0015 | | 0.745 | 832 | 15 | 791 | 9 | 777 | 9 | 6.61 | 783 | | 8 | |
| 97 | U1675-  120 | 0.72 | 0.0675 | 0.000  6 | 1.1701 | 0.0217 | | 0.1257 | | 0.0016 | | 0.664 | 853 | 18 | 787 | 10 | 764 | 9 | 10.43 | — | | — | |
| 98 | U1675-  123 | 0.57 | 0.0627 | 0.000  5 | 1.0630 | 0.0166 | | 0.1229 | | 0.0014 | | 0.749 | 699 | 15 | 735 | 8 | 747 | 8 | -6.87 | 741 | | 8 | |
| 99 | U1675-  125 | 0.99 | 0.0625 | 0.001  2 | 1.0623 | 0.0335 | | 0.1232 | | 0.0019 | | 0.476 | 692 | 39 | 735 | 16 | 749 | 11 | -8.24 | 747 | | 10 | |
| 100 | U1675-  126 | 0.58 | 0.0691 | 0.000  6 | 1.1995 | 0.0214 | | 0.1259 | | 0.0015 | | 0.682 | 902 | 17 | 800 | 10 | 764 | 9 | 15.30 | — | | — | |
| 101 | U1675-  127 | 1.44 | 0.0661 | 0.000  5 | 1.1397 | 0.0193 | | 0.1250 | | 0.0015 | | 0.709 | 810 | 16 | 772 | 9 | 759 | 9 | 6.30 | 764 | | 8 | |
| 102 | U1675-  130 | 0.61 | 0.0653 | 0.000  6 | 1.1422 | 0.0201 | | 0.1269 | | 0.0015 | | 0.685 | 784 | 17 | 774 | 10 | 770 | 9 | 1.79 | 771 | | 8 | |
| **U-1630** | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 23.1 | 0.51 | 0.0655 | 1.100  7 | 1.2504 | | 1.7274 | 0.1384 | | 1.3314 | | 0.771 | 836 | 22 | 836.5 | 10 | 836 | 10 | -5.85 | 836 | | 10 | |
| 2 | 4.1 | 0.19 | 0.0762 | 0.663  7 | 2.0055 | | 1.4744 | 0.1910 | | 1.3166 | | 0.893 | 1128 | 13 | 1128 | 10 | 1128 | 14 | -2.67 | 1128 | | 9 | |
| 3 | 10.1 | 0.50 | 0.0762 | 0.492  6 | 1.8018 | | 1.3848 | 0.1715 | | 1.2942 | | 0.935 | 1017 | 10 | 1017.4 | 9 | 1017 | 12 | 7.89 | 1017 | | 8 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 4 | 12.1 | 0.27 | 0.0771 | 1.166  9 | 2.0155 | | 1.8141 | 0.1897 | | 1.3891 | | 0.766 | 1119 | 23 | 1119 | 12 | 1119 | 14 | 0.34 | 1119 | | 12 | |
| 5 | 3.1 | 0.47 | 0.0781 | 1.030  7 | 2.1109 | | 1.7212 | 0.1960 | | 1.3786 | | 0.801 | 1154 | 20 | 1154 | 12 | 1154 | 15 | -0.31 | 1154 | | 12 | |
| 6 | 25.1 | 0.43 | 0.0787 | 0.842  1 | 2.1111 | | 1.5817 | 0.1944 | | 1.3389 | | 0.846 | 1145 | 17 | 1145 | 11 | 1145 | 14 | 1.91 | 1144 | | 11 | |
| 7 | 2.1 | 0.16 | 0.0789 | 1.512  0 | 2.0429 | | 2.1190 | 0.1878 | | 1.4845 | | 0.701 | 1107 | 31 | 1107 | 15 | 1107 | 15 | 5.60 | 1107 | | 14 | |
| 8 | 7.1 | 0.37 | 0.0799 | 1.736  9 | 2.3558 | | 2.3337 | 0.2138 | | 1.5587 | | 0.668 | 1252 | 33 | 1252 | 16 | 1252 | 18 | -5.04 | 1252 | | 16 | |
| 9 | 18.1 | 0.66 | 0.0808 | 1.086  9 | 2.2450 | | 1.7793 | 0.2016 | | 1.4088 | | 0.792 | 1182 | 22 | 1182 | 13 | 1182 | 15 | 2.89 | 1182 | | 12 | |
| 10 | 11.1 | 0.88 | 0.0809 | 1.795  4 | 2.2228 | | 2.3406 | 0.1993 | | 1.5017 | | 0.642 | 1170 | 36 | 1170 | 17 | 1170 | 16 | 4.19 | 1170 | | 15 | |
| 11 | 15.1 | 0.91 | 0.0814 | 0.944  1 | 2.4067 | | 1.6710 | 0.2145 | | 1.3788 | | 0.825 | 1254 | 18 | 1254 | 12 | 1254 | 16 | -2.05 | 1254 | | 12 | |
| 12 | 21.1 | 0.62 | 0.0837 | 1.100  7 | 2.4943 | | 1.8741 | 0.2162 | | 1.5168 | | 0.809 | 1260 | 22 | 1260 | 14 | 1260 | 17 | 2.04 | 1260 | | 14 | |
| 13 | 26.1 | 0.39 | 0.0843 | 1.059  4 | 2.6570 | | 1.7614 | 0.2287 | | 1.4071 | | 0.799 | 1329 | 20 | 1329 | 13 | 1329 | 17 | -2.42 | 1329 | | 13 | |
| 14 | 1.1 | 0.31 | 0.0844 | 1.112  9 | 2.5928 | | 1.8190 | 0.2229 | | 1.4389 | | 0.791 | 1297 | 22 | 1297 | 13 | 1297 | 17 | 0.29 | 1297 | | 13 | |
| 15 | 24.1 | 0.38 | 0.0854 | 0.705 | 2.8184 | | 1.5189 | 0.2393 | | 1.3449 | | 0.885 | 1386 | 13 | 1386 | 11 | 1386 | 17 | -4.84 | 1386 | | 10 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
|  |  |  |  | 8 |  | |  |  | |  | |  |  |  |  |  |  |  |  |  | |  | |
| 16 | 22.1 | 0.45 | 0.0866 | 0.828  8 | 2.8421 | | 1.6004 | 0.2379 | | 1.3691 | | 0.855 | 1377 | 16 | 1377 | 12 | 1377 | 17 | -1.90 | 1377 | | 11 | |
| 17 | 19.1 | 0.88 | 0.0868 | 0.600  6 | 2.9471 | | 1.4559 | 0.2462 | | 1.3263 | | 0.911 | 1422 | 11 | 1422 | 11 | 1422 | 17 | -5.07 | 1422 | | 9 | |
| 18 | 14.1 | 0.84 | 0.0882 | 1.180  2 | 2.5962 | | 1.8085 | 0.2134 | | 1.3703 | | 0.758 | 1240 | 25 | 1240 | 13 | 1240 | 15 | 11.13 | — | | — | |
| 19 | 6.1 | 0.45 | 0.0904 | 1.018  3 | 3.1336 | | 1.7504 | 0.2515 | | 1.4237 | | 0.813 | 1447 | 19 | 1447 | 13 | 1447 | 18 | -1.01 | 1447 | | 13 | |
| 20 | 13.1 | 0.66 | 0.0905 | 0.846  4 | 3.1694 | | 1.6201 | 0.2541 | | 1.3814 | | 0.853 | 1461 | 16 | 1461 | 12 | 1461 | 18 | -1.92 | 1461 | | 12 | |
| 21 | 5.1 | 0.53 | 0.0906 | 0.713  5 | 3.1613 | | 1.5587 | 0.2531 | | 1.3858 | | 0.889 | 1456 | 13 | 1456 | 12 | 1456 | 18 | -1.32 | 1456 | | 11 | |
| 22 | 20.1 | 1.28 | 0.0910 | 0.870  2 | 2.1834 | | 1.6032 | 0.1739 | | 1.3466 | | 0.840 | 1017 | 22 | 1017 | 11 | 1017 | 13 | 30.92 | — | | — | |
| 23 | 17.1 | 0.38 | 0.0914 | 3.962  0 | 3.1532 | | 4.2177 | 0.2503 | | 1.4462 | | 0.343 | 1439 | 76 | 1439 | 33 | 1439 | 19 | 1.05 | 1439 | | 18 | |
| 24 | 16.1 | 0.61 | 0.0934 | 1.136  3 | 3.3248 | | 1.8251 | 0.2580 | | 1.4282 | | 0.783 | 1479 | 22 | 1479 | 14 | 1479 | 19 | 1.29 | 1479 | | 14 | |
| 25 | 27.1 | 0.91 | 0.1067 | 0.919  1 | 4.5774 | | 1.7316 | 0.3110 | | 1.4675 | | 0.848 | 1746 | 17 | 1746 | 14 | 1746 | 22 | -0.09 | 1746 | | 13 | |
| **F-343** | | | | | | | | | | | | | | | | | | | | | | | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 1 | F-343-  1 | 0.66 | 0.0752 | 0.0002 | | 1.8774 | | 0.0143 | 0.1816 | | 0.0015 | | 0.900 | 1076 | 5 | 1076 | 5 | 1076 | 8 | -0.02 | 1076 | | 4 | |
| 2 | F-343-  10 | 0.90 | 0.1092 | 0.0002 | | 4.7836 | | 0.0358 | 0.3190 | | 0.0025 | | 0.900 | 1785 | 4 | 1785 | 6 | 1785 | 12 | -0.13 | 1785 | | 5 | |
| 3 | F-343-  11 | 0.42 | 0.0758 | 0.0004 | | 1.9392 | | 0.0114 | 0.1865 | | 0.0010 | | 0.900 | 1103 | 12 | 1103 | 4 | 1103 | 6 | 0.22 | 1103 | | 4 | |
| 4 | F-343-  12 | 0.66 | 0.0717 | 0.0002 | | 1.6053 | | 0.0286 | 0.1630 | | 0.0029 | | 0.900 | 973 | 5 | 973 | 11 | 973 | 16 | -0.27 | 973 | | 10 | |
| 5 | F-343-  14 | 0.48 | 0.1070 | 0.0003 | | 4.5856 | | 0.0469 | 0.3118 | | 0.0032 | | 0.900 | 1750 | 5 | 1750 | 9 | 1750 | 16 | -0.01 | 1750 | | 7 | |
| 6 | F-343-  18 | 0.85 | 0.0745 | 0.0001 | | 1.8013 | | 0.0219 | 0.1758 | | 0.0023 | | 0.900 | 1044 | 4 | 1044 | 8 | 1044 | 12 | -1.26 | 1044 | | 7 | |
| 7 | F-343-  19 | 0.44 | 0.0679 | 0.0002 | | 1.3399 | | 0.0166 | 0.1434 | | 0.0018 | | 0.900 | 864 | 6 | 864 | 7 | 864 | 10 | -0.30 | 864 | | 7 | |
| 8 | F-343-  2 | 0.97 | 0.1608 | 0.0002 | | 10.2947 | | 0.1298 | 0.4654 | | 0.0059 | | 0.900 | 2463 | 2 | 2463 | 12 | 2463 | 26 | -0.05 | 2463 | | 8 | |
| 9 | F-343-  20 | 0.31 | 0.1055 | 0.0005 | | 1.8231 | | 0.0217 | 0.1253 | | 0.0013 | | 0.863 | 732 | 17 | 732 | 7 | 732 | 7 | -  55.87 | — | | — | |
| 10 | F-343-  22 | 0.58 | 0.0750 | 0.0002 | | 1.8579 | | 0.0148 | 0.1799 | | 0.0014 | | 0.900 | 1067 | 6 | 1067 | 5 | 1067 | 8 | -5.88 | 1067 | | 5 | |
| 11 | F-343-  25 | 0.89 | 0.0962 | 0.0002 | | 3.5989 | | 0.0430 | 0.2717 | | 0.0034 | | 0.900 | 1549 | 3 | 1549 | 10 | 1549 | 17 | -0.10 | 1549 | | 8 | |
| 12 | F-343- | 0.86 | 0.1640 | 0.0002 | | 10.6928 | | 0.1223 | 0.4727 | | 0.0053 | | 0.900 | 2495 | 2 | 2495 | 11 | 2495 | 23 | -0.11 | 2495 | | 7 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
|  | 26 |  |  |  | |  | |  |  | |  | |  |  |  |  |  |  |  |  |  | |  | |
| 13 | F-343-  27 | 1.09 | 0.1633 | 0.0003 | | 10.6198 | | 0.2389 | 0.4724 | | 0.0109 | | 0.900 | 2496 | 3 | 2496 | 21 | 2496 | 48 | -0.24 | 2496 | | 14 | |
| 14 | F-343-  29 | 0.84 | 0.1602 | 0.0002 | | 10.2391 | | 0.1090 | 0.4637 | | 0.0050 | | 0.900 | 2456 | 2 | 2456 | 10 | 2455 | 22 | -0.08 | 2456 | | 7 | |
| 15 | F-343-  3 | 0.79 | 0.0836 | 0.0002 | | 2.5277 | | 0.0236 | 0.2201 | | 0.0022 | | 0.900 | 1283 | 4 | 1283 | 7 | 1283 | 12 | -0.06 | 1283 | | 6 | |
| 16 | F-343-  30 | 0.71 | 0.0704 | 0.0003 | | 1.4362 | | 0.0164 | 0.1474 | | 0.0012 | | 0.737 | 885 | 9 | 885 | 7 | 885 | 7 | -5.62 | 885 | | 6 | |
| 17 | F-343-  31 | 0.81 | 0.1569 | 0.0002 | | 9.8528 | | 0.1300 | 0.4560 | | 0.0062 | | 0.900 | 2422 | 2 | 2422 | 12 | 2422 | 28 | -0.47 | 2422 | | 8 | |
| 18 | F-343-  33 | 0.29 | 0.1489 | 0.0015 | | 6.0158 | | 0.1462 | 0.2865 | | 0.0046 | | 0.656 | 1549 | 31 | 1549 | 24 | 1549 | 22 | -  30.73 | — | | — | |
| 19 | F-343-  34 | 0.75 | 0.1615 | 0.0002 | | 9.9893 | | 0.0826 | 0.4490 | | 0.0040 | | 0.900 | 2372 | 3 | 2372 | 8 | 2372 | 18 | -3.29 | 2372 | | 5 | |
| 20 | F-343-  35 | 0.78 | 0.0653 | 0.0002 | | 1.1613 | | 0.0156 | 0.1291 | | 0.0017 | | 0.900 | 783 | 5 | 783 | 7 | 783 | 10 | -0.06 | 783 | | 7 | |
| 21 | F-343-  36 | 0.79 | 0.1240 | 0.0004 | | 6.2473 | | 0.0587 | 0.3665 | | 0.0039 | | 0.900 | 2013 | 6 | 2013 | 8 | 2013 | 18 | -0.19 | 2013 | | 6 | |
| 22 | F-343-  37 | 1.67 | 0.0986 | 0.0002 | | 3.8189 | | 0.0395 | 0.2814 | | 0.0031 | | 0.900 | 1598 | 3 | 1598 | 8 | 1598 | 15 | 0.01 | 1598 | | 6 | |
| 23 | F-343-  38 | 2.18 | 0.1094 | 0.0012 | | 0.8997 | | 0.0070 | 0.0602 | | 0.0006 | | 0.900 | 357 | 54 | 357 | 6 | 357 | 3 | -  78.97 | — | | — | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
| 24 | F-343-  40 | 0.74 | 0.0968 | 0.0001 | | 3.6515 | | 0.0448 | 0.2739 | | 0.0035 | | 0.900 | 1561 | 3 | 1561 | 10 | 1561 | 18 | -0.12 | 1561 | | 8 | |
| 25 | F-343-  42 | 0.66 | 0.1813 | 0.0002 | | 12.7735 | | 0.1394 | 0.5113 | | 0.0057 | | 0.900 | 2662 | 2 | 2662 | 10 | 2662 | 24 | -0.09 | 2662 | | 7 | |
| 26 | F-343-  43 | 2.22 | 0.1359 | 0.0008 | | 3.3846 | | 0.0418 | 0.1827 | | 0.0030 | | 0.900 | 1021 | 23 | 1021 | 7 | 1021 | 15 | -  50.30 | — | | — | |
| 27 | F-343-  44 | 0.65 | 0.0677 | 0.0001 | | 1.3250 | | 0.0113 | 0.1421 | | 0.0012 | | 0.900 | 856 | 4 | 856 | 5 | 856 | 7 | -0.31 | 856 | | 5 | |
| 28 | F-343-  45 | 0.68 | 0.1679 | 0.0003 | | 11.1294 | | 0.1253 | 0.4816 | | 0.0058 | | 0.900 | 2534 | 3 | 2534 | 10 | 2534 | 25 | -0.07 | 2534 | | 7 | |
| 29 | F-343-  46 | 0.40 | 0.0723 | 0.0002 | | 1.6591 | | 0.0200 | 0.1667 | | 0.0021 | | 0.900 | 994 | 5 | 994 | 8 | 994 | 11 | -0.06 | 994 | | 7 | |
| 30 | F-343-  47 | 0.63 | 0.0739 | 0.0003 | | 1.7069 | | 0.0224 | 0.1667 | | 0.0021 | | 0.900 | 993 | 8 | 993 | 8 | 993 | 11 | -4.31 | 993 | | 8 | |
| 31 | F-343-  48 | 0.40 | 0.0725 | 0.0002 | | 1.6838 | | 0.0175 | 0.1688 | | 0.0018 | | 0.900 | 1006 | 5 | 1006 | 7 | 1006 | 10 | 0.58 | 1006 | | 6 | |
| 32 | F-343-  49 | 1.71 | 0.0946 | 0.0002 | | 3.3852 | | 0.0235 | 0.2593 | | 0.0015 | | 0.854 | 1484 | 4 | 1484 | 5 | 1484 | 8 | -2.29 | 1484 | | 5 | |
| 33 | F-343-  5 | 0.35 | 0.1745 | 0.0002 | | 11.9752 | | 0.1338 | 0.4991 | | 0.0056 | | 0.900 | 2613 | 2 | 2613 | 10 | 2613 | 24 | -0.05 | 2613 | | 7 | |
| 34 | F-343-  50 | 1.26 | 0.1630 | 0.0004 | | 10.5703 | | 0.1695 | 0.4702 | | 0.0074 | | 0.900 | 2484 | 4 | 2484 | 15 | 2484 | 33 | -0.12 | 2484 | | 10 | |
| 35 | F-343- | 0.14 | 0.0705 | 0.0001 | | 1.5268 | | 0.0142 | 0.1573 | | 0.0016 | | 0.900 | 942 | 3 | 942 | 6 | 942 | 9 | -0.06 | 942 | | 5 | |

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| no. | Point | Th/U | Isotope ratios | | | | | | | | | | | Age (Ma) | | | | | | D, % | | **Concordant**  **age (Ma)** | | **±1s** |
| 207Pb/206  Pb | | ±1s | 207Pb/235U | ±1s | | 206Pb/238U | ±1s | | Rho | | 207Pb/206  Pb | ±1s | 207Pb/235U | ±1s | 206Pb/238U | ±1s |
|  | 52 |  |  |  | |  | |  |  | |  | |  |  |  |  |  |  |  |  |  | |  | |
| 36 | F-343-  53 | 0.87 | 0.0707 | 0.0001 | | 1.5380 | | 0.0179 | 0.1580 | | 0.0020 | | 0.900 | 945 | 4 | 945 | 7 | 945 | 11 | -0.25 | 945 | | 6 | |
| 37 | F-343-  55 | 0.41 | 0.1420 | 0.0010 | | 4.3021 | | 0.1110 | 0.2187 | | 0.0051 | | 0.900 | 1205 | 27 | 1205 | 21 | 1205 | 26 | -  43.44 | — | | — | |
| 38 | F-343-  56 | 0.72 | 0.0692 | 0.0002 | | 1.4352 | | 0.0055 | 0.1504 | | 0.0006 | | 0.900 | 903 | 6 | 903 | 2 | 903 | 4 | -0.25 | 903 | | 2 | |
| 39 | F-343-  57 | 0.56 | 0.1602 | 0.0002 | | 10.2385 | | 0.1716 | 0.4640 | | 0.0080 | | 0.900 | 2457 | 2 | 2457 | 16 | 2457 | 35 | -0.02 | 2457 | | 11 | |
| 40 | F-343-  58 | 0.87 | 0.1643 | 0.0005 | | 10.5536 | | 0.1035 | 0.4694 | | 0.0054 | | 0.900 | 2476 | 5 | 2476 | 9 | 2476 | 24 | -0.83 | 2476 | | 6 | |
| 41 | F-343-  59 | 0.40 | 0.1142 | 0.0003 | | 5.2948 | | 0.0647 | 0.3364 | | 0.0043 | | 0.900 | 1870 | 5 | 1870 | 10 | 1870 | 21 | -3.30 | 1870 | | 8 | |
| 42 | F-343-  6 | 0.73 | 0.1620 | 0.0002 | | 10.4350 | | 0.0911 | 0.4684 | | 0.0041 | | 0.900 | 2477 | 2 | 2477 | 8 | 2477 | 18 | -0.01 | 2477 | | 6 | |
| 43 | F-343-  7 | 0.93 | 0.1281 | 0.0002 | | 6.6654 | | 0.0600 | 0.3788 | | 0.0036 | | 0.900 | 2070 | 3 | 2070 | 8 | 2070 | 17 | -0.09 | 2070 | | 6 | |
| 44 | F-343-  8 | 0.80 | 0.1525 | 0.0003 | | 9.3204 | | 0.0635 | 0.4451 | | 0.0032 | | 0.900 | 2374 | 3 | 2374 | 6 | 2374 | 14 | -0.01 | 2374 | | 4 | |
| 45 | F-343-  9 | 0.74 | 0.0674 | 0.0002 | | 1.3032 | | 0.0103 | 0.1409 | | 0.0013 | | 0.900 | 850 | 6 | 850 | 5 | 850 | 8 | 0.00 | 850 | | 4 | |