|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Spot** | **% 206PbC** | **ppm U** | **ppm Th** | **232Th 238U** | **ppm 206Pb\*** | **Age (1) 206Pb 238U** | | **Age (1) 207Pb 206Pb** | | **% Dis.** | **(1) 238U 206Pb\*** | **± %** | **(1) 207Pb\* 206Pb\*** | **± %** | **(1) 207Pb\* 235U** | **± %** | **(1) 206Pb\* 238U** | **± %** | **err corr.** |
| **PO-52** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.1 | 0.17 | 422 | 171 | 0.42 | 17.4 | 301.9 | 3.1 | 371 | 66 | 23 | 20.86 | 1 | 0.054 | 3 | 0.357 | 3.1 | 0.04795 | 1 | 0.332 |
| 2.1 | 0.87 | 537 | 261 | 0.50 | 22.3 | 301.4 | 3 | 155 | 130 | -49 | 20.89 | 1 | 0.0491 | 5.6 | 0.324 | 5.7 | 0.04786 | 1 | 0.179 |
| 3.1 | 0.33 | 335 | 116 | 0.36 | 13.7 | 298.8 | 3.2 | 299 | 93 | 0 | 21.07 | 1.1 | 0.0523 | 4.1 | 0.342 | 4.2 | 0.04745 | 1.1 | 0.262 |
| 4.1 | 0.86 | 515 | 234 | 0.47 | 21.7 | 305.4 | 3.1 | 108 | 150 | -65 | 20.61 | 1 | 0.0482 | 6.4 | 0.322 | 6.5 | 0.04851 | 1 | 0.160 |
| 5.1 | 0.48 | 279 | 145 | 0.54 | 11.5 | 300.7 | 3.5 | 376 | 120 | 25 | 20.94 | 1.2 | 0.0541 | 5.2 | 0.356 | 5.3 | 0.04775 | 1.2 | 0.223 |
| 6.1 | 0.00 | 173 | 73 | 0.43 | 7.13 | 301.4 | 4 | 453 | 78 | 50 | 20.89 | 1.3 | 0.056 | 3.5 | 0.37 | 3.8 | 0.04787 | 1.3 | 0.355 |
| 7.1 | --- | 1127 | 797 | 0.73 | 47 | 305.7 | 2.9 | 365 | 42 | 19 | 20.59 | 0.98 | 0.0539 | 1.9 | 0.3606 | 2.1 | 0.04856 | 0.98 | 0.463 |
| 8.1 | 0.61 | 417 | 305 | 0.76 | 17.2 | 300.3 | 3.6 | 359 | 120 | 20 | 20.97 | 1.2 | 0.0537 | 5.3 | 0.353 | 5.4 | 0.04768 | 1.2 | 0.228 |
| 9.1 | 0.00 | 234 | 136 | 0.60 | 9.47 | 297.3 | 4 | 470 | 80 | 58 | 21.19 | 1.4 | 0.0564 | 3.6 | 0.367 | 3.9 | 0.0472 | 1.4 | 0.354 |
| 11.1 | 0.13 | 520 | 215 | 0.43 | 21.2 | 298.1 | 3.1 | 402 | 66 | 35 | 21.13 | 1.1 | 0.0547 | 2.9 | 0.357 | 3.1 | 0.04733 | 1.1 | 0.342 |
| *10.1* | *0.12* | *95* | *80* | *0.87* | *42.7* | *2712* | *30* | *2715* | *19* | *0* | *1.911* | *1.4* | *0.1869* | *1.2* | *13.48* | *1.8* | *0.5231* | *1.4* | *0.763* |

***Appendix Table 1.*** *SHRIMP U-Pb isotopic data from the analysed zircons.*

*Errors are 1-sigma; PbC and Pb\* indicate the common and radiogenic portions. respectively*

*Error in Standard calibration was 0.86% (not included in above errors but required when comparing data from different mounts)*

*(1) Common Pb corrected using measured 204Pb*