

Table 2. Laser-MC-ICPMS U-Pb zircon data for paragneiss “Toulon A1” from the Giens peninsula (France), and orthogneiss of Santa Maria (Sardinia, Italy).

Tableau 2. Analyses U-Pb sur zircon Laser-MC-ICPMS pour les paragneiss “Toulon A1” de la presqu’île de Giens (France) de Toulon (France), et des orthogneiss de Santa Maria (Sardaigne, Italie).

| Grain. | U spot (ppm) | Th (ppm) | Th/U | $^{206}\text{Pb}^*$ (ppm) | $^{206}\text{Pb}/^{204}\text{Pb}$ | f_{206} % | Radiogenic ratios | | | | | | Age (Ma) | | | | | | | | | | |
|-----------------------------|-----------------|-------------|------|------------------------------|-----------------------------------|----------------|----------------------------------|--------|--------|----------------------------------|---------|---------|-----------------------------------|-------|------|--------|----------------------------------|------|----------------------------------|-----|-----------------------------------|--|--------|
| | | | | | | | $^{206}\text{Pb}/^{238}\text{U}$ | | | $^{207}\text{Pb}/^{235}\text{U}$ | | | $^{207}\text{Pb}/^{206}\text{Pb}$ | | | ρ | $^{206}\text{Pb}/^{238}\text{U}$ | | $^{207}\text{Pb}/^{235}\text{U}$ | | $^{207}\text{Pb}/^{206}\text{Pb}$ | | % conc |
| | | | | | | | [2] | [1] | ± | [1] | ± | [1] | [1] | ± | [1] | [1] | [4] | | | | | | |
| 07 TOULON 01 | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 | 229 | 56 | 0.24 | 70.6 | 21 189 | 0.070 | 0.3550 | 0.0034 | | 6.462 | 0.074 | 0.13200 | 0.00087 | 0.821 | 1959 | 16 | 2041 | 10 | 2125 | 11 | 92 | | |
| 2.1 | 121 | 98 | 0.80 | 48.9 | - | - | 0.4679 | 0.0059 | 13.666 | 0.178 | 0.21185 | 0.00071 | 0.966 | 2474 | 26 | 2727 | 12 | 2920 | 5 | 85 | | | |
| 3.1 | 309 | 139 | 0.45 | 49.1 | 6 069 | 0.275 | 0.1837 | 0.0029 | | 2.020 | 0.048 | 0.07971 | 0.00142 | 0.659 | 1087 | 16 | 1122 | 16 | 1190 | 35 | 91 | | |
| 4.1 | 801 | 109 | 0.14 | 62.3 | 17 054 | 0.105 | 0.0900 | 0.0007 | | 0.750 | 0.010 | 0.06045 | 0.00061 | 0.617 | 556 | 4 | 568 | 6 | 620 | 22 | 90 | | |
| 5.1 | 84 | 14 | 0.17 | 6.8 | 898 | 1.984 | 0.0931 | 0.0011 | | 0.620 | 0.113 | 0.04830 | 0.00875 | 0.063 | 574 | 6 | 490 | 68 | 114 | 379 | 503 | | |
| 6.1 | 76 | 79 | 1.03 | 26.8 | - | - | 0.4100 | 0.0060 | | 9.237 | 0.140 | 0.16342 | 0.00061 | 0.969 | 2215 | 27 | 2362 | 14 | 2491 | 6 | 89 | | |
| 7.1 | 439 | 303 | 0.69 | 32.5 | 5 079 | 0.353 | 0.0861 | 0.0015 | | 0.721 | 0.025 | 0.06072 | 0.00185 | 0.486 | 533 | 9 | 551 | 15 | 629 | 64 | 85 | | |
| 8.1 | 153 | 100 | 0.66 | 18.9 | 2 975 | 0.582 | 0.1433 | 0.0016 | | 1.319 | 0.059 | 0.06673 | 0.00287 | 0.253 | 864 | 9 | 854 | 25 | 829 | 87 | 104 | | |
| 9.1 | 51 | 134 | 2.62 | 13.8 | 12 257 | 0.123 | 0.3186 | 0.0047 | | 5.241 | 0.094 | 0.11930 | 0.00123 | 0.819 | 1783 | 23 | 1859 | 15 | 1946 | 18 | 92 | | |
| 10.1 | 263 | 140 | 0.53 | 32.1 | 16 085 | 0.108 | 0.1444 | 0.0026 | | 1.517 | 0.034 | 0.07623 | 0.00107 | 0.785 | 869 | 14 | 937 | 14 | 1101 | 28 | 79 | | |
| 11.1 | 611 | 95 | 0.15 | 50.0 | 5 798 | 0.307 | 0.0946 | 0.0011 | | 0.777 | 0.023 | 0.05960 | 0.00162 | 0.388 | 582 | 6 | 584 | 13 | 589 | 58 | 99 | | |
| 12.1 | 467 | 390 | 0.83 | 35.4 | 471 036 | 0.004 | 0.0897 | 0.0017 | | 0.763 | 0.015 | 0.06166 | 0.00045 | 0.933 | 554 | 10 | 576 | 9 | 662 | 15 | 84 | | |
| 13.1 | 287 | 229 | 0.80 | 25.5 | 2 827 | 0.627 | 0.1046 | 0.0010 | | 0.827 | 0.025 | 0.05732 | 0.00164 | 0.325 | 642 | 6 | 612 | 14 | 504 | 62 | 127 | | |
| 14.1 | 121 | 33 | 0.27 | 9.9 | 3 755 | 0.474 | 0.0951 | 0.0011 | | 0.743 | 0.033 | 0.05672 | 0.00243 | 0.252 | 585 | 6 | 564 | 19 | 481 | 92 | 122 | | |
| 15.1 | 1191 | 431 | 0.36 | 87.1 | 133 452 | 0.013 | 0.0855 | 0.0008 | | 0.723 | 0.008 | 0.06132 | 0.00039 | 0.833 | 529 | 5 | 552 | 5 | 651 | 13 | 81 | | |
| 16.1 | 63 | 49 | 0.77 | 8.1 | 2 423 | 0.712 | 0.1498 | 0.0023 | | 1.398 | 0.075 | 0.06768 | 0.00347 | 0.286 | 900 | 13 | 888 | 31 | 859 | 103 | 105 | | |
| 17.1 | 169 | 96 | 0.57 | 12.3 | 7 208 | 0.249 | 0.0849 | 0.0008 | | 0.692 | 0.019 | 0.05913 | 0.00150 | 0.360 | 525 | 5 | 534 | 11 | 572 | 54 | 92 | | |
| 18.1 | 355 | 257 | 0.73 | 90.5 | 6 207 | 0.250 | 0.2940 | 0.0062 | | 4.268 | 0.104 | 0.10529 | 0.00125 | 0.872 | 1661 | 31 | 1687 | 20 | 1719 | 22 | 97 | | |
| Santa Maria (ISM 05) | | | | | | | | | | | | | | | | | | | | | | | |
| 13.1 | 80 | 37 | 0.47 | 31.1 | 5327 | 0.268 | 0.4491 | 0.0071 | | 10.462 | 0.229 | 0.16896 | 0.00254 | 0.724 | 2391 | 32 | 2477 | 20 | 2547 | 25 | 94 | | |

Notes : [1] Uncertainties given at one σ level.

[2] f_{206} % denotes the percentage de ^{206}Pb that is common Pb

[3] Correction for common Pb made using the measured $^{206}\text{Pb}/^{204}\text{Pb}$ ratio

[4] For % Conc., 100% denotes a concordant analysis.