

Tab. 4 Dati isotopici U-Th-Pb relativi alle monaziti del campione di trondhjemite V4B.

| | Pb* ppm | U ppm | Th ppm | Th/U | ²⁰⁴ Pb | | ²⁰⁸ Pb* | | ²⁰⁸ Pb* | | ²⁰⁶ Pb* | | ²⁰⁷ Pb* | | ²⁰⁷ Pb* | | Dates (Ma) | | | | | | | |
|----------|------------|----------|-----------|-------|-------------------|----------|--------------------|-------|--------------------|---------|--------------------|---------|--------------------|--------|--------------------|---------|------------|-----|---------|-----|---------|------|----------|-----|
| | | | | | ²⁰⁶ Pb | ± | ²⁰⁶ Pb | ± | ²³² Th | ± | ²³⁸ U | ± | ²³⁵ U | ± | ²⁰⁶ Pb | ± | 208/232 | ± | 206/238 | ± | 207/235 | ± | Inferred | ± |
| V4B-1.1 | 436 | 1235 | 30192 | 24.44 | 2.43E-04 | 6.13E-05 | 7.687 | 0.058 | 0.01465 | 0.00032 | 0.04657 | 0.00078 | 0.3190 | 0.0129 | 0.04968 | 0.00173 | 293.9 | 6.4 | 293.5 | 4.8 | 281.2 | 10.0 | 294.4 | 4.8 |
| V4B-2.1 | 476 | 921 | 33362 | 36.21 | 1.01E-04 | 6.38E-05 | 11.167 | 0.110 | 0.01504 | 0.00032 | 0.04878 | 0.00075 | 0.3550 | 0.0136 | 0.05278 | 0.00175 | 301.8 | 6.3 | 307.0 | 4.6 | 308.5 | 10.3 | 306.9 | 4.7 |
| V4B-3.1 | 492 | 986 | 35069 | 35.57 | 8.77E-05 | 5.62E-05 | 11.057 | 0.094 | 0.01478 | 0.00029 | 0.04756 | 0.00071 | 0.3413 | 0.0105 | 0.05205 | 0.00131 | 296.6 | 5.8 | 299.5 | 4.3 | 298.2 | 8.0 | 299.7 | 4.4 |
| V4B-4.1 | 542 | 2280 | 34819 | 15.27 | 6.78E-05 | 3.07E-05 | 4.759 | 0.026 | 0.01472 | 0.00017 | 0.04722 | 0.00040 | 0.3394 | 0.0062 | 0.05213 | 0.00080 | 295.3 | 3.4 | 297.4 | 2.5 | 296.7 | 4.7 | 297.5 | 2.5 |
| V4B-5.1 | 501 | 1016 | 35114 | 34.55 | 1.66E-04 | 8.14E-05 | 10.648 | 0.088 | 0.01497 | 0.00028 | 0.04857 | 0.00067 | 0.3397 | 0.0123 | 0.05072 | 0.00161 | 300.3 | 5.7 | 305.7 | 4.1 | 296.9 | 9.4 | 306.3 | 4.1 |
| V4B-6.1 | 544 | 2481 | 34229 | 13.80 | 4.40E-06 | 2.66E-06 | 4.297 | 0.033 | 0.01473 | 0.00017 | 0.04729 | 0.00036 | 0.3429 | 0.0057 | 0.05258 | 0.00072 | 295.6 | 3.5 | 297.9 | 2.2 | 299.3 | 4.3 | 297.8 | 2.3 |
| V4B-7.1 | 464 | 987 | 32533 | 32.95 | 2.00E-05 | 2.00E-05 | 10.300 | 0.085 | 0.01493 | 0.00028 | 0.04777 | 0.00065 | 0.3546 | 0.0085 | 0.05383 | 0.00097 | 299.6 | 5.6 | 300.8 | 4.0 | 308.2 | 6.4 | 300.3 | 4.0 |
| V4B-8.1 | 467 | 1962 | 29480 | 15.03 | 1.03E-05 | 4.83E-06 | 4.711 | 0.043 | 0.01494 | 0.00021 | 0.04766 | 0.00045 | 0.3475 | 0.0060 | 0.05288 | 0.00071 | 299.8 | 4.3 | 300.2 | 2.8 | 302.9 | 4.6 | 300.0 | 2.8 |
| V4B-9.1 | 439 | 567 | 33324 | 58.73 | 4.28E-04 | 2.40E-04 | 18.288 | 0.198 | 0.01436 | 0.00030 | 0.04612 | 0.00070 | 0.3053 | 0.0271 | 0.04801 | 0.00411 | 288.2 | 6.0 | 290.7 | 4.4 | 270.5 | 21.3 | 292.2 | 4.2 |
| V4B-10.1 | 591 | 3141 | 35471 | 11.29 | 1.36E-05 | 1.22E-05 | 3.524 | 0.028 | 0.01481 | 0.00016 | 0.04747 | 0.00030 | 0.3382 | 0.0071 | 0.05166 | 0.00099 | 297.2 | 3.2 | 299.0 | 1.9 | 295.8 | 5.4 | 299.2 | 1.9 |

Tab. 5 Dati isotopici U-Th-Pb relativi alle monaziti del campione di granodiorite V33.

| | Pb* (ppm) | U (ppm) | Th (ppm) | Th/U | ²⁰⁴ Pb | | ²⁰⁸ Pb* | | ²⁰⁸ Pb* | | ²⁰⁶ Pb* | | ²⁰⁷ Pb* | | ²⁰⁷ Pb* | | Dates (Ma) | | | | | | | |
|----------|--------------|------------|-------------|--------|-------------------|----------|--------------------|-------|--------------------|---------|--------------------|---------|--------------------|--------|--------------------|---------|------------|------|---------|------|---------|------|----------|------|
| | | | | | ²⁰⁶ Pb | ± | ²⁰⁶ Pb | ± | ²³² Th | ± | ²³⁸ U | ± | ²³⁵ U | ± | ²⁰⁶ Pb | ± | 208/232 | ± | 206/238 | ± | 207/235 | ± | Inferred | ± |
| V33-1.1 | 344 | 258 | 25438 | 98.74 | 1.98E-04 | 6.69E-05 | 31.558 | 0.328 | 0.01508 | 0.00039 | 0.04718 | 0.00093 | 0.3309 | 0.0159 | 0.05088 | 0.00210 | 302.5 | 7.8 | 297.2 | 5.8 | 290.3 | 12.2 | 297.7 | 5.8 |
| V33-2.1 | 512 | 264 | 40027 | 151.71 | 2.04E-04 | 1.18E-04 | 45.606 | 0.560 | 0.01443 | 0.00057 | 0.04800 | 0.00147 | 0.3358 | 0.0295 | 0.05074 | 0.00399 | 289.6 | 11.4 | 302.2 | 9.1 | 294.0 | 22.7 | 302.8 | 9.1 |
| V33-3.1 | 361 | 404 | 26206 | 64.94 | 2.85E-05 | 1.15E-05 | 20.363 | 0.258 | 0.01511 | 0.00079 | 0.04819 | 0.00195 | 0.3782 | 0.0208 | 0.05693 | 0.00186 | 303.1 | 15.7 | 303.4 | 12.0 | 325.8 | 15.5 | 301.7 | 11.9 |
| V33-4.1 | 423 | 1846 | 26230 | 14.21 | 2.55E-06 | 9.20E-07 | 4.428 | 0.038 | 0.01505 | 0.00024 | 0.04831 | 0.00055 | 0.3471 | 0.0071 | 0.05212 | 0.00081 | 301.9 | 4.9 | 304.1 | 3.4 | 302.6 | 5.3 | 304.2 | 3.4 |
| V33-5.1 | 498 | 3030 | 28898 | 9.54 | 4.02E-05 | 3.19E-05 | 2.933 | 0.020 | 0.01466 | 0.00020 | 0.04769 | 0.00045 | 0.3402 | 0.0089 | 0.05174 | 0.00120 | 294.2 | 4.0 | 300.3 | 2.8 | 297.3 | 6.8 | 300.6 | 2.8 |
| V33-6.1 | 401 | 1414 | 26011 | 18.39 | 8.40E-07 | 5.10E-07 | 5.790 | 0.046 | 0.01507 | 0.00026 | 0.04787 | 0.00058 | 0.3535 | 0.0072 | 0.05355 | 0.00080 | 302.3 | 5.1 | 301.4 | 3.6 | 307.3 | 5.4 | 301.0 | 3.6 |
| V33-7.1 | 470 | 925 | 33884 | 36.63 | 1.72E-05 | 6.40E-06 | 11.579 | 0.082 | 0.01466 | 0.00026 | 0.04638 | 0.00062 | 0.3443 | 0.0080 | 0.05384 | 0.00094 | 294.2 | 5.2 | 292.3 | 3.8 | 300.5 | 6.1 | 291.8 | 3.8 |
| V33-8.1 | 287 | 273 | 20816 | 76.38 | 4.31E-04 | 3.16E-04 | 24.127 | 0.329 | 0.01523 | 0.00055 | 0.04822 | 0.00131 | 0.3233 | 0.0371 | 0.04863 | 0.00525 | 305.6 | 10.9 | 303.6 | 8.1 | 284.5 | 28.9 | 305.0 | 8.0 |
| V33-9.1 | 239 | 346 | 16910 | 48.92 | 2.00E-05 | 2.00E-05 | 15.503 | 0.177 | 0.01526 | 0.0004 | 0.04817 | 0.00094 | 0.3501 | 0.0144 | 0.05271 | 0.00179 | 306.2 | 8.0 | 303.3 | 5.8 | 304.8 | 10.9 | 303.1 | 5.8 |
| V33-10.1 | 666 | 3096 | 40413 | 13.05 | 2.48E-05 | 8.51E-06 | 4.064 | 0.015 | 0.01511 | 0.0001 | 0.04853 | 0.00030 | 0.3513 | 0.0044 | 0.05251 | 0.00054 | 303.1 | 2.5 | 305.5 | 1.8 | 305.7 | 3.3 | 305.4 | 1.8 |

Tab. 6 Dati isotopici U-Th-Pb relativi alle monaziti del campione di sienogranito A4.

| | Pb* | U | Th | Th/U | $\frac{^{204}\text{Pb}}{^{206}\text{Pb}}$ | | $\frac{^{208}\text{Pb}^*}{^{206}\text{Pb}}$ | | $\frac{^{208}\text{Pb}^*}{^{232}\text{Th}}$ | | $\frac{^{206}\text{Pb}^*}{^{238}\text{U}}$ | | $\frac{^{207}\text{Pb}^*}{^{235}\text{U}}$ | | $\frac{^{207}\text{Pb}^*}{^{206}\text{Pb}}$ | | Dates (Ma) | | | | | | | |
|---------------|------|-------|-------|------|---|----------|---|-------|---|---------|--|---------|--|--------|---|---------|------------|-----|-------|-----|-------|-----|-------|-----|
| | | | | | ppm | ppm | ppm | ± | ± | ± | ± | ± | ± | ± | ± | ± | ± | ± | ± | ± | ± | ± | ± | ± |
| A4-1.1 | 1007 | 18626 | 19537 | 1.05 | 1.64E-05 | 3.74E-06 | 0.330 | 0.001 | 0.01430 | 0.00007 | 0.04543 | 0.00015 | 0.3243 | 0.0020 | 0.05176 | 0.00025 | 287.0 | 1.5 | 286.4 | 0.9 | 285.2 | 1.5 | 286.6 | 0.9 |
| A4-2.1 | 868 | 11143 | 33144 | 2.97 | 2.83E-05 | 9.49E-06 | 0.940 | 0.004 | 0.01431 | 0.00013 | 0.04527 | 0.00030 | 0.3267 | 0.0041 | 0.05233 | 0.00052 | 287.2 | 2.6 | 285.4 | 1.8 | 287.0 | 3.2 | 285.4 | 1.8 |
| A4-3.1 | 505 | 4443 | 24519 | 5.52 | 3.72E-05 | 1.08E-05 | 1.737 | 0.011 | 0.01485 | 0.00019 | 0.04716 | 0.00042 | 0.3404 | 0.0049 | 0.05236 | 0.00053 | 297.9 | 3.8 | 297.0 | 2.6 | 297.5 | 3.7 | 297.0 | 2.6 |
| A4-3.2 | 553 | 4727 | 27565 | 5.83 | 8.92E-05 | 2.33E-05 | 1.798 | 0.012 | 0.01463 | 0.00022 | 0.04744 | 0.00051 | 0.3412 | 0.0078 | 0.05216 | 0.00099 | 293.6 | 4.3 | 298.8 | 3.1 | 298.1 | 5.9 | 298.9 | 3.1 |
| A4-4.1 | 610 | 4867 | 31916 | 6.56 | 2.09E-05 | 8.07E-06 | 2.059 | 0.009 | 0.01462 | 0.00011 | 0.04654 | 0.00024 | 0.3365 | 0.0062 | 0.05244 | 0.00089 | 293.3 | 2.2 | 293.3 | 1.5 | 294.5 | 4.7 | 293.2 | 1.5 |
| A4-5.1 | 651 | 6605 | 28492 | 4.31 | 1.53E-05 | 1.12E-05 | 1.355 | 0.009 | 0.01488 | 0.00013 | 0.04737 | 0.00024 | 0.3442 | 0.0036 | 0.05270 | 0.00045 | 298.5 | 2.7 | 298.4 | 1.5 | 300.4 | 2.7 | 298.2 | 1.5 |
| A4-6.1 | 767 | 7639 | 35715 | 4.68 | 1.97E-05 | 9.36E-06 | 1.478 | 0.011 | 0.01451 | 0.00014 | 0.04588 | 0.00027 | 0.3323 | 0.0040 | 0.05252 | 0.00051 | 291.1 | 2.9 | 289.2 | 1.7 | 291.3 | 3.0 | 289.1 | 1.7 |
| A4-7.1 | 496 | 3873 | 27177 | 7.02 | 2.19E-05 | 9.86E-06 | 2.210 | 0.012 | 0.01430 | 0.00013 | 0.04539 | 0.00029 | 0.3312 | 0.0061 | 0.05292 | 0.00087 | 286.9 | 2.6 | 286.2 | 1.8 | 290.5 | 4.7 | 286.0 | 1.8 |
| A4-8.1 | 1108 | 14706 | 35560 | 2.42 | 2.04E-05 | 1.14E-05 | 0.773 | 0.005 | 0.01530 | 0.00015 | 0.04785 | 0.00030 | 0.3474 | 0.0034 | 0.05266 | 0.00037 | 306.8 | 3.0 | 301.3 | 1.8 | 302.8 | 2.6 | 301.2 | 1.8 |
| A4-9.1 | 602 | 9325 | 17419 | 1.87 | 1.37E-05 | 7.13E-06 | 0.591 | 0.005 | 0.01442 | 0.00014 | 0.04556 | 0.00022 | 0.3302 | 0.0036 | 0.05257 | 0.00049 | 289.3 | 2.8 | 287.2 | 1.4 | 289.7 | 2.8 | 287.1 | 1.4 |