**ONLINE SUPPLEMENTARY MATERIAL**

**to the paper**

**Laramide to Miocene syn-extensional plutonism in the Puerta del Sol area, central Sonora, Mexico**

**by**

Elizard González-Becuar, Efrén Pérez-Segura, Ricardo Vega-Granillo, Luigi Solari,

Carlos M. González-León, Jesús Solé, and Margarita López Martínez

**published in**

**Revista Mexicana de Ciencias Geológicas, 2017, 34(1), p. 45-61.**

DOI: http://dx.doi.org/10.22201/cgeo.20072902e.2017.1.401

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S1. U-Pb geochronology data. Laboratorio de Estudios Isotópicos, Centro de Geociencias, UNAM.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | |  | |  |  | |  | |  |  | |  | | | CORRECTED RATIOS | | | | |  | | |  |  | | |  |  | |  | |  | | CORRECTED AGES (Ma) | | | | |  | |  |  | |  | |
|  | | | U (ppm) | | Th (ppm) | Th/U | |  | | 207Pb/206Pb | ±2s | | 207Pb/235U | | | ±2s | 206Pb/238U | | | ±2s | 208Pb/232Th | | | ±2s | Rho | | |  | 206Pb/238U | | ±2s | | 207Pb/235U | | ±2s | 207Pb/206Pb | | ±2s | | Best age (Ma) | | ±2s |  | | % disc | |
|  | | |  | |  |  | |  | |  |  | |  | | |  |  | | |  |  | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| Zircon\_11-21-09-3\_1 | | | 782 | | 578 | 0.67 | |  | | 0.0504 | 0.0036 | | 0.0243 | | | 0.0016 | 0.003415 | | | 0.000078 | 0.0243 | | | 0.0032 | 0.74541 | | |  | 21.98 | | 0.5 | | 24.4 | | 1.6 | 322 | | 64 | | 22 | | 1 |  | | 9.9 | |
| Zircon\_2 | | | 1084 | | 1325 | 1.11 | |  | | 0.0502 | 0.0036 | | 0.0228 | | | 0.0015 | 0.003167 | | | 0.000091 | 0.0228 | | | 0.003 | 0.37462 | | |  | 20.39 | | 0.59 | | 22.9 | | 1.5 | 316 | | 98 | | 20 | | 1 |  | | 11.0 | |
| Zircon\_3 | | | 279 | | 150 | 0.49 | |  | | 0.0643 | 0.0056 | | 0.0299 | | | 0.003 | 0.00338 | | | 0.00014 | 0.0299 | | | 0.006 | 0.003575 | | |  | 21.73 | | 0.93 | | 29.9 | | 3 | 640 | | 110 | | 22 | | 1 |  | | 27.3 | |
| Zircon\_4 | | | 612 | | 474 | 0.71 | |  | | 0.0557 | 0.0042 | | 0.0258 | | | 0.0017 | 0.00339 | | | 0.000095 | 0.0258 | | | 0.0034 | 0.24854 | | |  | 21.82 | | 0.61 | | 25.9 | | 1.7 | 452 | | 60 | | 22 | | 1 |  | | 15.8 | |
| Zircon\_6 | | | 1155 | | 1273 | 1.00 | |  | | 0.0508 | 0.0029 | | 0.0219 | | | 0.0012 | 0.003133 | | | 0.000068 | 0.0219 | | | 0.0024 | -0.08293 | | |  | 20.17 | | 0.44 | | 22 | | 1.2 | 280 | | 64 | | 20 | | 0 |  | | 8.3 | |
| Zircon\_7 | | | 1390 | | 1783 | 1.17 | |  | | 0.0483 | 0.0027 | | 0.0199 | | | 0.0011 | 0.003038 | | | 0.000068 | 0.0199 | | | 0.0022 | 0.20333 | | |  | 19.55 | | 0.44 | | 20 | | 1.1 | 202 | | 79 | | 20 | | 0 |  | | 2.3 | |
| Zircon\_8 | | | 629 | | 603 | 0.87 | |  | | 0.0556 | 0.0038 | | 0.026 | | | 0.0016 | 0.00339 | | | 0.000089 | 0.026 | | | 0.0032 | -0.09365 | | |  | 21.82 | | 0.57 | | 26.1 | | 1.6 | 467 | | 84 | | 22 | | 1 |  | | 16.4 | |
| Zircon\_9 | | | 1154 | | 1965 | 1.55 | |  | | 0.0474 | 0.0034 | | 0.0206 | | | 0.0014 | 0.003102 | | | 0.000078 | 0.0206 | | | 0.0028 | -0.1219 | | |  | 19.97 | | 0.5 | | 20.7 | | 1.4 | 299 | | 88 | | 20 | | 1 |  | | 3.5 | |
| Zircon\_10 | | | 1245 | | 1387 | 1.02 | |  | | 0.0521 | 0.0036 | | 0.0221 | | | 0.0016 | 0.003082 | | | 0.000098 | 0.0221 | | | 0.0032 | -0.50003 | | |  | 19.84 | | 0.63 | | 22.2 | | 1.6 | 947 | | 96 | | 20 | | 1 |  | | 10.6 | |
| Zircon\_11\_1 | | | 657 | | 713 | 0.99 | |  | | 0.0533 | 0.004 | | 0.0249 | | | 0.0017 | 0.003386 | | | 0.000081 | 0.0249 | | | 0.0034 | -0.08921 | | |  | 21.79 | | 0.52 | | 25 | | 1.7 | 380 | | 79 | | 22 | | 1 |  | | 12.8 | |
| Zircon\_12 | | | 1510 | | 3206 | 1.93 | |  | | 0.047 | 0.0026 | | 0.0198 | | | 0.0011 | 0.003079 | | | 0.00007 | 0.0198 | | | 0.0022 | -0.06997 | | |  | 19.82 | | 0.45 | | 19.9 | | 1.1 | 134 | | 50 | | 20 | | 0 |  | | 0.4 | |
| Zircon\_13 | | | 1466 | | 2161 | 1.34 | |  | | 0.0491 | 0.0024 | | 0.02024 | | | 0.00097 | 0.003029 | | | 0.00007 | 0.02024 | | | 0.00194 | 0.043972 | | |  | 19.5 | | 0.45 | | 20.73 | | 0.96 | 155 | | 38 | | 20 | | 0 |  | | 5.9 | |
| Zircon\_14 | | | 176 | | 169 | 0.87 | |  | | 0.0613 | 0.0092 | | 0.0282 | | | 0.0035 | 0.00322 | | | 0.00012 | 0.0282 | | | 0.007 | -0.13903 | | |  | 20.72 | | 0.76 | | 29.4 | | 3.5 | 900 | | 140 | | 21 | | 1 |  | | 29.5 | |
| Zircon\_15 | | | 385 | | 369 | 0.87 | |  | | 0.0585 | 0.0072 | | 0.0267 | | | 0.0032 | 0.00334 | | | 0.0001 | 0.0267 | | | 0.0064 | 0.054021 | | |  | 21.51 | | 0.67 | | 26.7 | | 3.2 | 530 | | 110 | | 22 | | 1 |  | | 19.4 | |
| Zircon\_16 | | | 1672 | | 2445 | 1.33 | |  | | 0.0538 | 0.003 | | 0.0212 | | | 0.0011 | 0.003041 | | | 0.00007 | 0.0212 | | | 0.0022 | 0.084473 | | |  | 19.58 | | 0.45 | | 21.3 | | 1.1 | 660 | | 150 | | 20 | | 0 |  | | 8.1 | |
| Zircon\_17 | | | 294 | | 208 | 0.65 | |  | | 0.0537 | 0.0052 | | 0.0243 | | | 0.0021 | 0.003363 | | | 0.000092 | 0.0243 | | | 0.0042 | -0.1369 | | |  | 21.64 | | 0.59 | | 24.4 | | 2.1 | 430 | | 110 | | 22 | | 1 |  | | 11.3 | |
| Zircon\_18 | | | 1589 | | 2377 | 1.36 | |  | | 0.0518 | 0.0049 | | 0.022 | | | 0.002 | 0.003058 | | | 0.000068 | 0.022 | | | 0.004 | -0.09286 | | |  | 19.68 | | 0.44 | | 22 | | 1.9 | 340 | | 130 | | 20 | | 0 |  | | 10.5 | |
| Zircon\_19 | | | 1823 | | 2904 | 1.45 | |  | | 0.0478 | 0.0027 | | 0.0202 | | | 0.0011 | 0.003032 | | | 0.000062 | 0.0202 | | | 0.0022 | 0.25659 | | |  | 19.51 | | 0.4 | | 20.3 | | 1.1 | 222 | | 48 | | 20 | | 0 |  | | 3.9 | |
| Zircon\_20 | | | 1823 | | 2528 | 1.26 | |  | | 0.0489 | 0.0023 | | 0.02103 | | | 0.00084 | 0.003088 | | | 0.000066 | 0.02103 | | | 0.00168 | -0.15194 | | |  | 19.88 | | 0.42 | | 21.13 | | 0.83 | 269 | | 46 | | 20 | | 0 |  | | 5.9 | |
| Zircon\_21 | | | 646 | | 785 | 1.11 | |  | | 0.053 | 0.0047 | | 0.0232 | | | 0.002 | 0.003146 | | | 0.000091 | 0.0232 | | | 0.004 | -0.28603 | | |  | 20.25 | | 0.58 | | 23.3 | | 1.9 | 480 | | 120 | | 20 | | 1 |  | | 13.1 | |
| Zircon\_22 | | | 455 | | 229 | 0.46 | |  | | 0.0572 | 0.0073 | | 0.0257 | | | 0.0035 | 0.003221 | | | 0.000095 | 0.0257 | | | 0.007 | 0.28208 | | |  | 20.73 | | 0.61 | | 25.7 | | 3.4 | 570 | | 120 | | 21 | | 1 |  | | 19.3 | |
| Zircon\_23 | | | 539 | | 409 | 0.69 | |  | | 0.0511 | 0.0042 | | 0.0233 | | | 0.0017 | 0.003272 | | | 0.000085 | 0.0233 | | | 0.0034 | 0.022792 | | |  | 21.06 | | 0.55 | | 23.4 | | 1.7 | 398 | | 95 | | 21 | | 1 |  | | 10.0 | |
| Zircon\_24 | | | 1740 | | 2113 | 1.11 | |  | | 0.0464 | 0.003 | | 0.0195 | | | 0.0011 | 0.003032 | | | 0.000066 | 0.0195 | | | 0.0022 | -0.18808 | | |  | 19.52 | | 0.43 | | 19.6 | | 1.1 | 178 | | 74 | | 20 | | 0 |  | | 0.4 | |
| Zircon\_25 | | | 5984 | | 3339 | 0.51 | |  | | 0.0463 | 0.0018 | | 0.01985 | | | 0.00076 | 0.00308 | | | 0.00007 | 0.01985 | | | 0.00152 | 0.16873 | | |  | 19.83 | | 0.45 | | 19.95 | | 0.76 | 92 | | 48 | | 20 | | 0 |  | | 0.6 | |
| Zircon\_26 | | | 423 | | 338 | 0.73 | |  | | 0.0524 | 0.0072 | | 0.024 | | | 0.0036 | 0.003297 | | | 0.000095 | 0.024 | | | 0.0072 | 0.25081 | | |  | 21.22 | | 0.61 | | 24 | | 3.5 | 510 | | 140 | | 21 | | 1 |  | | 11.6 | |
| Zircon\_27 | | | 221 | | 167 | 0.76 | |  | | 0.048 | 0.0028 | | ~~0.0748~~ | | | ~~0.0043~~ | ~~0.01125~~ | | | ~~0.00024~~ | ~~0.0748~~ | | | ~~0.0086~~ | ~~0.23192~~ | | |  | ~~72.1~~ | | ~~1.5~~ | | 73.2 | | 4 | 174 | | 75 | | 72 | | 2 |  | | 1.5 | |
| Zircon\_28 | | | 340 | | 183 | 0.49 | |  | | 0.047 | 0.0029 | | ~~0.0786~~ | | | ~~0.0056~~ | ~~0.01204~~ | | | ~~0.00042~~ | ~~0.0786~~ | | | ~~0.0112~~ | ~~0.29942~~ | | |  | ~~77.2~~ | | ~~2.7~~ | | 76.8 | | 5.2 | 207 | | 69 | | 77 | | 3 |  | | -0.5 | |
| Zircon\_29 | | | 809 | | 517 | 0.58 | |  | | 0.048 | 0.0022 | | ~~0.0722~~ | | | ~~0.0031~~ | ~~0.01076~~ | | | ~~0.00023~~ | ~~0.0722~~ | | | ~~0.0062~~ | ~~0.20666~~ | | |  | ~~69~~ | | ~~1.4~~ | | 70.7 | | 2.9 | 221 | | 51 | | 69 | | 1 |  | | 2.4 | |
| Zircon\_30 | | | 353 | | 442 | 1.14 | |  | | 0.0556 | 0.0052 | | 0.0259 | | | 0.0023 | 0.00339 | | | 0.0001 | 0.0259 | | | 0.0046 | -0.16176 | | |  | 21.82 | | 0.67 | | 25.9 | | 2.3 | 443 | | 76 | | 22 | | 1 |  | | 15.8 | |
| Zircon\_31 | | | 406 | | 396 | 0.89 | |  | | 0.0505 | 0.0046 | | 0.0246 | | | 0.0021 | 0.00343 | | | 0.00011 | 0.0246 | | | 0.0042 | -0.35345 | | |  | 22.07 | | 0.7 | | 24.7 | | 2.1 | 283 | | 82 | | 22 | | 1 |  | | 10.6 | |
| Zircon\_33 | | | 246 | | 296 | 1.10 | |  | | 0.0585 | 0.0068 | | 0.0272 | | | 0.0029 | 0.00341 | | | 0.00012 | 0.0272 | | | 0.0058 | -0.08986 | | |  | 21.96 | | 0.78 | | 27.2 | | 2.9 | 490 | | 110 | | 22 | | 1 |  | | 19.3 | |
| Zircon\_34 | | | 624 | | 620 | 0.91 | |  | | 0.0538 | 0.0043 | | 0.0243 | | | 0.002 | 0.003277 | | | 0.000087 | 0.0243 | | | 0.004 | -0.03541 | | |  | 21.09 | | 0.56 | | 24.4 | | 2 | 432 | | 90 | | 21 | | 1 |  | | 13.6 | |
| Zircon\_35 | | | 889 | | 1259 | 1.29 | |  | | 0.0516 | 0.0037 | | 0.0235 | | | 0.0016 | 0.003317 | | | 0.000076 | 0.0235 | | | 0.0032 | -0.07679 | | |  | 21.35 | | 0.49 | | 23.6 | | 1.6 | 343 | | 78 | | 21 | | 0 |  | | 9.5 | |
| Zircon\_36 | | | 647 | | 703 | 0.99 | |  | | 0.0576 | 0.0042 | | 0.0261 | | | 0.0018 | 0.00328 | | | 0.000077 | 0.0261 | | | 0.0036 | 0.070221 | | |  | 21.11 | | 0.49 | | 26.2 | | 1.8 | 559 | | 85 | | 21 | | 0 |  | | 19.4 | |
| Zircon\_37 | | | 832 | | 887 | 0.97 | |  | | 0.054 | 0.0036 | | 0.0251 | | | 0.0015 | 0.003375 | | | 0.000085 | 0.0251 | | | 0.003 | 0.14673 | | |  | 21.72 | | 0.54 | | 25.1 | | 1.5 | 395 | | 82 | | 22 | | 1 |  | | 13.5 | |
| Zircon\_38 | | | 975 | | 1193 | 1.11 | |  | | 0.0483 | 0.0035 | | 0.0223 | | | 0.0016 | 0.003332 | | | 0.000081 | 0.0223 | | | 0.0032 | 0.21278 | | |  | 21.45 | | 0.52 | | 22.4 | | 1.6 | 309 | | 69 | | 21 | | 1 |  | | 4.2 | |
| Zircon\_40 | | | 2145 | | 2902 | 1.23 | |  | | 0.0475 | 0.0021 | | 0.02028 | | | 0.00083 | 0.003071 | | | 0.000064 | 0.0197 | | | 0.023 | -0.02372 | | |  | 19.76 | | 0.41 | | 20.38 | | 0.83 | 193 | | 53 | | 20 | | 0 |  | | 3.0 | |
|  | | |  | |  |  | |  | |  |  | |  | | |  |  | | |  |  | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
|  | | |  | |  |  | |  | |  |  | |  | | |  |  | | |  |  | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| Zircon\_001\_EGB13-7 | | | 154 | | 46.3 | 0.30 | |  | | 0.0983 | 0.0049 | | 2.85 | | | 0.31 | 0.205 | | | 0.017 | 0.0822 | | | 0.0061 | 0.95687 | | |  | 1193 | | 91 | | 1357 | | 84 | 1620 | | 100 | | 1620.0 | | 100 |  | | 12.09 | |
| Zircon\_002 | | | 745 | | 130.8 | 0.18 | |  | | 0.1011 | 0.0048 | | 2.12 | | | 0.13 | 0.1489 | | | 0.0038 | 0.0792 | | | 0.0059 | 0.74457 | | |  | 895 | | 21 | | 1156 | | 42 | 1642 | | 87 | | 1642.0 | | 87 |  | | 22.58 | |
| Zircon\_003 | | | 330 | | 133.3 | 0.40 | |  | | 0.1033 | 0.0048 | | 4.11 | | | 0.24 | 0.2855 | | | 0.005 | 0.0841 | | | 0.006 | 0.53191 | | |  | 1619 | | 25 | | 1656 | | 48 | 1686 | | 84 | | 1686.0 | | 84 |  | | 2.23 | |
| Zircon\_004 | | | 304 | | 165 | 0.54 | |  | | 0.1034 | 0.0048 | | 4.16 | | | 0.24 | 0.2836 | | | 0.0052 | 0.0844 | | | 0.0063 | 0.50345 | | |  | 1609 | | 26 | | 1666 | | 51 | 1683 | | 85 | | 1683.0 | | 85 |  | | 3.42 | |
| Zircon\_005 | | | 432 | | 153 | 0.35 | |  | | 0.1019 | 0.0047 | | 2.43 | | | 0.15 | 0.1736 | | | 0.0036 | 0.0734 | | | 0.0056 | 0.68181 | | |  | 1032 | | 20 | | 1254 | | 44 | 1661 | | 90 | | 1661.0 | | 90 |  | | 17.70 | |
| Zircon\_006 | | | 235 | | 108.8 | 0.46 | |  | | 0.1019 | 0.0049 | | 4.31 | | | 0.29 | 0.3005 | | | 0.0085 | 0.0875 | | | 0.0067 | 0.92338 | | |  | 1693 | | 43 | | 1691 | | 58 | 1661 | | 92 | | 1661.0 | | 92 |  | | -0.12 | |
| Zircon\_007 | | | 351 | | 123 | 0.35 | |  | | 0.1028 | 0.0053 | | 3.69 | | | 0.24 | 0.263 | | | 0.009 | 0.0777 | | | 0.0091 | 0.71663 | | |  | 1505 | | 46 | | 1568 | | 52 | 1670 | | 95 | | 1670.0 | | 95 |  | | 4.02 | |
| Zircon\_008 | | | 736 | | 260 | 0.35 | |  | | 0.1032 | 0.0048 | | 3.57 | | | 0.21 | 0.2503 | | | 0.0032 | 0.0732 | | | 0.0054 | 0.31992 | | |  | 1440 | | 16 | | 1545 | | 46 | 1679 | | 86 | | 1679.0 | | 86 |  | | 6.80 | |
| Zircon\_009 | | | 327 | | 142 | 0.43 | |  | | 0.102 | 0.0048 | | 4.06 | | | 0.24 | 0.2896 | | | 0.0048 | 0.0813 | | | 0.0062 | 0.20598 | | |  | 1639 | | 24 | | 1649 | | 48 | 1658 | | 87 | | 1658.0 | | 87 |  | | 0.61 | |
| Zircon\_010 | | | 300 | | 105 | 0.35 | |  | | 0.1054 | 0.0051 | | 4.16 | | | 0.25 | 0.2856 | | | 0.004 | 0.0878 | | | 0.0066 | 0.4346 | | |  | 1619 | | 20 | | 1669 | | 47 | 1716 | | 89 | | 1716.0 | | 89 |  | | 3.00 | |
| Zircon\_011 | | | 733 | | 136.9 | 0.19 | |  | | 0.1023 | 0.0059 | | 1.96 | | | 0.19 | 0.1367 | | | 0.0087 | 0.0713 | | | 0.0055 | 0.89071 | | |  | 826 | | 49 | | 1097 | | 64 | 1660 | | 100 | | 1660.0 | | 100 |  | | 24.70 | |
| Zircon\_012 | | | 284 | | 158 | 0.56 | |  | | 0.1035 | 0.0049 | | 3.91 | | | 0.23 | 0.2698 | | | 0.004 | 0.0806 | | | 0.0058 | 0.13112 | | |  | 1540 | | 20 | | 1616 | | 47 | 1684 | | 89 | | 1684.0 | | 89 |  | | 4.70 | |
| Zircon\_013 | | | 269 | | 200 | 0.74 | |  | | 0.1045 | 0.0052 | | 4.08 | | | 0.25 | 0.285 | | | 0.005 | 0.082 | | | 0.0062 | 0.4177 | | |  | 1616 | | 25 | | 1650 | | 50 | 1701 | | 91 | | 1701.0 | | 91 |  | | 2.06 | |
| Zircon\_014 | | | 198 | | 151 | 0.76 | |  | | 0.1015 | 0.0052 | | 3.8 | | | 0.25 | 0.2663 | | | 0.0048 | 0.0766 | | | 0.0058 | 0.48709 | | |  | 1526 | | 24 | | 1590 | | 53 | 1660 | | 100 | | 1660.0 | | 100 |  | | 4.03 | |
| Zircon\_015 | | | 185 | | 71.2 | 0.38 | |  | | 0.1049 | 0.0051 | | 4.29 | | | 0.28 | 0.3006 | | | 0.0063 | 0.0854 | | | 0.0063 | 0.74716 | | |  | 1694 | | 32 | | 1703 | | 55 | 1714 | | 92 | | 1714.0 | | 92 |  | | 0.53 | |
| Zircon\_016 | | | 261 | | 88.1 | 0.34 | |  | | 0.1027 | 0.0051 | | 2.61 | | | 0.17 | 0.1811 | | | 0.0047 | 0.0823 | | | 0.0075 | 0.81102 | | |  | 1073 | | 26 | | 1302 | | 49 | 1670 | | 93 | | 1670.0 | | 93 |  | | 17.59 | |
| Zircon\_017 | | | 733 | | 268 | 0.37 | |  | | 0.0998 | 0.0047 | | 2.62 | | | 0.16 | 0.188 | | | 0.0029 | 0.0583 | | | 0.0046 | 0.63187 | | |  | 1111 | | 16 | | 1305 | | 45 | 1618 | | 89 | | 1618.0 | | 89 |  | | 14.87 | |
| Zircon\_018 | | | 236 | | 91.7 | 0.39 | |  | | 0.1044 | 0.0048 | | 4.18 | | | 0.24 | 0.289 | | | 0.0042 | 0.0831 | | | 0.0062 | 0.49257 | | |  | 1636 | | 21 | | 1671 | | 49 | 1699 | | 86 | | 1699.0 | | 86 |  | | 2.09 | |
| Zircon\_019 | | | 1720 | | 8.7 | 0.01 | |  | | 0.0517 | 0.0057 | | 0.067 | | | 0.01 | 0.00929 | | | 0.00048 | 0.0081 | | | 0.0044 | 0.74291 | | |  | 59.6 | | 3.1 | | 65.5 | | 9.6 | 260 | | 250 | | ~~59.6~~ | | ~~3~~ |  | | 9.01 | |
| Zircon\_020 | | | 1690 | | 9.65 | 0.01 | |  | | 0.052 | 0.01 | | 0.072 | | | 0.013 | 0.01006 | | | 0.00031 | 0.049 | | | 0.03 | -0.46621 | | |  | 64.5 | | 2 | | 70 | | 12 | 210 | | 350 | | ~~64.5~~ | | ~~2~~ |  | | 7.86 | |
| Zircon\_021 | | | 486 | | 235 | 0.48 | |  | | 0.1043 | 0.005 | | 3.92 | | | 0.23 | 0.2724 | | | 0.0045 | 0.0784 | | | 0.0059 | 0.55613 | | |  | 1553 | | 23 | | 1618 | | 48 | 1699 | | 88 | | 1699.0 | | 88 |  | | 4.02 | |
| Zircon\_022 | | | 498 | | 231 | 0.46 | |  | | 0.1019 | 0.0048 | | 3.27 | | | 0.19 | 0.2296 | | | 0.0034 | 0.0709 | | | 0.0053 | 0.51938 | | |  | 1332 | | 18 | | 1480 | | 49 | 1657 | | 86 | | 1657.0 | | 86 |  | | 10.00 | |
| Zircon\_023 | | | 98.4 | | 41.7 | 0.42 | |  | | 0.1037 | 0.0054 | | 4.35 | | | 0.27 | 0.2999 | | | 0.0052 | 0.0878 | | | 0.007 | 0.41061 | | |  | 1690 | | 26 | | 1699 | | 51 | 1689 | | 94 | | 1689.0 | | 94 |  | | 0.53 | |
| Zircon\_024 | | | 310.9 | | 150.7 | 0.48 | |  | | 0.1037 | 0.0047 | | 4.15 | | | 0.24 | 0.2888 | | | 0.0039 | 0.0845 | | | 0.0061 | 0.1907 | | |  | 1635 | | 19 | | 1664 | | 47 | 1688 | | 84 | | 1688.0 | | 84 |  | | 1.74 | |
| Zircon\_025 | | | 487 | | 209 | 0.43 | |  | | 0.103 | 0.0046 | | 3.88 | | | 0.23 | 0.2728 | | | 0.0046 | 0.0809 | | | 0.0059 | 0.64591 | | |  | 1555 | | 23 | | 1608 | | 47 | 1677 | | 84 | | 1677.0 | | 84 |  | | 3.30 | |
| Zircon\_026 | | | 461 | | 174.4 | 0.38 | |  | | 0.1039 | 0.0051 | | 4.07 | | | 0.24 | 0.2817 | | | 0.0036 | 0.0819 | | | 0.0059 | 0.19396 | | |  | 1600 | | 18 | | 1647 | | 48 | 1689 | | 90 | | 1689.0 | | 90 |  | | 2.85 | |
| Zircon\_027 | | | 112 | | 79.8 | 0.71 | |  | | 0.1061 | 0.0052 | | 4.42 | | | 0.27 | 0.3025 | | | 0.0055 | 0.0919 | | | 0.0071 | 0.09322 | | |  | 1703 | | 27 | | 1718 | | 50 | 1735 | | 95 | | 1735.0 | | 95 |  | | 0.87 | |
| Zircon\_028 | | | 154.9 | | 84.2 | 0.54 | |  | | 0.1056 | 0.005 | | 4.52 | | | 0.27 | 0.3115 | | | 0.0052 | 0.091 | | | 0.0069 | 0.37962 | | |  | 1748 | | 26 | | 1733 | | 49 | 1724 | | 90 | | 1724.0 | | 90 |  | | -0.87 | |
| Zircon\_029 | | | 202 | | 87.6 | 0.43 | |  | | 0.1027 | 0.0047 | | 4.22 | | | 0.26 | 0.2989 | | | 0.0069 | 0.0879 | | | 0.0065 | 0.91409 | | |  | 1685 | | 35 | | 1676 | | 52 | 1671 | | 86 | | 1671.0 | | 86 |  | | -0.54 | |
| Zircon\_030 | | | 193.1 | | 47.4 | 0.25 | |  | | 0.1063 | 0.0061 | | 2.82 | | | 0.2 | 0.1947 | | | 0.0056 | 0.0866 | | | 0.0075 | 0.5776 | | |  | 1147 | | 30 | | 1360 | | 53 | 1730 | | 110 | | 1730.0 | | 110 |  | | 15.66 | |
| Zircon\_031 | | | 186.5 | | 87.5 | 0.47 | |  | | 0.1013 | 0.0054 | | 4.59 | | | 0.32 | 0.3263 | | | 0.0062 | 0.0816 | | | 0.0066 | 0.67281 | | |  | 1820 | | 30 | | 1753 | | 58 | 1640 | | 100 | | 1640.0 | | 100 |  | | -3.82 | |
| Zircon\_032 | | | 128.1 | | 65 | 0.51 | |  | | 0.103 | 0.005 | | 4.37 | | | 0.26 | 0.306 | | | 0.004 | 0.0885 | | | 0.0066 | 0.060313 | | |  | 1721 | | 20 | | 1710 | | 49 | 1672 | | 91 | | 1672.0 | | 91 |  | | -0.64 | |
| Zircon\_033 | | | 85.2 | | 39 | 0.46 | |  | | 0.1036 | 0.0052 | | 4.46 | | | 0.27 | 0.3126 | | | 0.0048 | 0.0858 | | | 0.0069 | 0.26161 | | |  | 1753 | | 24 | | 1721 | | 50 | 1681 | | 90 | | 1681.0 | | 90 |  | | -1.86 | |
| Zircon\_034 | | | 639 | | 177.2 | 0.28 | |  | | 0.1003 | 0.0046 | | 2.46 | | | 0.14 | 0.1774 | | | 0.0022 | 0.0727 | | | 0.0054 | 0.39744 | | |  | 1053 | | 12 | | 1262 | | 46 | 1628 | | 85 | | 1628.0 | | 85 |  | | 16.56 | |
| Zircon\_035 | | | 278 | | 46.4 | 0.17 | |  | | 0.1002 | 0.0054 | | 1.78 | | | 0.11 | 0.1298 | | | 0.003 | 0.0783 | | | 0.0062 | 0.29164 | | |  | 787 | | 17 | | 1040 | | 43 | 1620 | | 100 | | 1620.0 | | 100 |  | | 24.33 | |
| Zircon\_036 | | | 200 | | 57.7 | 0.29 | |  | | 0.1011 | 0.0049 | | 3.54 | | | 0.21 | 0.2523 | | | 0.0039 | 0.0805 | | | 0.0061 | 0.46495 | | |  | 1450 | | 20 | | 1534 | | 47 | 1646 | | 86 | | 1646.0 | | 86 |  | | 5.48 | |
| Zircon\_037 | | | 411 | | 132.5 | 0.32 | |  | | 0.1022 | 0.0047 | | 3.98 | | | 0.23 | 0.2827 | | | 0.0032 | 0.0844 | | | 0.0061 | 0.26959 | | |  | 1605 | | 16 | | 1630 | | 46 | 1662 | | 83 | | 1662.0 | | 83 |  | | 1.53 | |
| Zircon\_038 | | | 172.6 | | 110.7 | 0.64 | |  | | 0.1035 | 0.005 | | 4.32 | | | 0.25 | 0.3027 | | | 0.0048 | 0.0851 | | | 0.0063 | 0.21921 | | |  | 1704 | | 24 | | 1696 | | 50 | 1683 | | 88 | | 1683.0 | | 88 |  | | -0.47 | |
| Zircon\_039 | | | 463 | | 182.9 | 0.40 | |  | | 0.1039 | 0.0047 | | 3.94 | | | 0.23 | 0.2774 | | | 0.0032 | 0.0819 | | | 0.0059 | 0.61854 | | |  | 1578 | | 16 | | 1622 | | 47 | 1694 | | 82 | | 1694.0 | | 82 |  | | 2.71 | |
| Zircon\_040 | | | 311 | | 167 | 0.54 | |  | | 0.1018 | 0.0053 | | 4.01 | | | 0.26 | 0.2843 | | | 0.0055 | 0.0829 | | | 0.0068 | 0.79411 | | |  | 1613 | | 28 | | 1636 | | 52 | 1655 | | 95 | | 1655.0 | | 95 |  | | 1.41 | |
| Zircon\_041 | | | 157.4 | | 63.4 | 0.40 | |  | | 0.1062 | 0.0054 | | 4.26 | | | 0.28 | 0.2894 | | | 0.0044 | 0.0829 | | | 0.0066 | 0.15006 | | |  | 1638 | | 22 | | 1684 | | 48 | 1732 | | 94 | | 1732.0 | | 94 |  | | 2.73 | |
| Zircon\_042 | | | 220 | | 75.7 | 0.34 | |  | | 0.1011 | 0.005 | | 3.37 | | | 0.21 | 0.2429 | | | 0.0049 | 0.0851 | | | 0.0069 | 0.49214 | | |  | 1401 | | 26 | | 1501 | | 49 | 1665 | | 89 | | 1665.0 | | 89 |  | | 6.66 | |
| ~~Zircon\_043~~ | | | ~~538~~ | | ~~45.3~~ | ~~0.08~~ | |  | | ~~0.0962~~ | ~~0.0047~~ | | ~~1.049~~ | | | ~~0.073~~ | ~~0.0786~~ | | | ~~0.0024~~ | ~~0.0884~~ | | | ~~0.0068~~ | ~~0.82899~~ | | |  | ~~488~~ | | ~~15~~ | | ~~725~~ | | ~~36~~ | ~~1551~~ | | ~~90~~ | | ~~1551.0~~ | | ~~90~~ |  | | ~~32.69~~ | |
| Zircon\_044 | | | 106 | | 41.1 | 0.39 | |  | | 0.1024 | 0.0049 | | 4.18 | | | 0.26 | 0.2978 | | | 0.0067 | 0.088 | | | 0.0067 | 0.49924 | | |  | 1684 | | 32 | | 1668 | | 51 | 1670 | | 83 | | 1670.0 | | 83 |  | | -0.96 | |
| Zircon\_045 | | | 739 | | 206 | 0.28 | |  | | 0.101 | 0.0051 | | 2.83 | | | 0.17 | 0.203 | | | 0.003 | 0.0723 | | | 0.0054 | 0.26089 | | |  | 1192 | | 16 | | 1363 | | 46 | 1639 | | 93 | | 1639.0 | | 93 |  | | 12.55 | |
| ~~Zircon\_046~~ | | | ~~34.6~~ | | ~~19.61~~ | ~~0.57~~ | |  | | ~~0.103~~ | ~~0.041~~ | | ~~0.098~~ | | | ~~0.033~~ | ~~0.0085~~ | | | ~~0.0011~~ | ~~0.00352~~ | | | ~~0.00098~~ | ~~-0.10867~~ | | |  | ~~54.5~~ | | ~~7.2~~ | | ~~92~~ | | ~~30~~ | ~~1190~~ | | ~~670~~ | | ~~54.5~~ | | ~~7~~ |  | | ~~40.76~~ | |
| Zircon\_047 | | | 37.7 | | 18.98 | 0.50 | |  | | 0.055 | 0.023 | | 0.075 | | | 0.027 | 0.00978 | | | 0.00096 | 0.0024 | | | 0.001 | -0.27767 | | |  | 62.7 | | 6.1 | | 71 | | 29 | 410 | | 630 | | ~~62.7~~ | | ~~6~~ |  | | 11.69 | |
| Zircon\_048 | | | 92.5 | | 65.8 | 0.71 | |  | | 0.1062 | 0.0064 | | 3.46 | | | 0.23 | 0.2389 | | | 0.0056 | 0.0839 | | | 0.0065 | 0.19541 | | |  | 1381 | | 29 | | 1516 | | 52 | 1720 | | 110 | | 1720.0 | | 110 |  | | 8.91 | |
| Zircon\_049 | | | 1436 | | 6.26 | 0.004 | |  | | 0.0586 | 0.0056 | | 0.0747 | | | 0.0072 | 0.00934 | | | 0.0003 | 0.0088 | | | 0.0045 | 0.11949 | | |  | 59.9 | | 1.9 | | 73.1 | | 6.8 | 550 | | 180 | | ~~59.9~~ | | ~~2~~ |  | | 18.06 | |
| Zircon\_050 | | | 1276 | | 182 | 0.14 | |  | | 0.0985 | 0.0046 | | 1.36 | | | 0.19 | 0.099 | | | 0.012 | 0.0621 | | | 0.0046 | 0.99196 | | |  | 602 | | 69 | | 837 | | 82 | 1602 | | 84 | | 1602.0 | | 84 |  | | 28.08 | |
| Zircon\_051 | | | 296 | | 87.1 | 0.29 | |  | | 0.1016 | 0.0054 | | 3.51 | | | 0.22 | 0.2515 | | | 0.0059 | 0.0869 | | | 0.0068 | 0.35327 | | |  | 1446 | | 30 | | 1533 | | 46 | 1647 | | 95 | | 1647.0 | | 95 |  | | 5.68 | |
| ~~Zircon\_052~~ | | | ~~1189~~ | | ~~182~~ | ~~0.15~~ | |  | | ~~0.1008~~ | ~~0.0047~~ | | ~~1.359~~ | | | ~~0.082~~ | ~~0.0983~~ | | | ~~0.0022~~ | ~~0.0614~~ | | | ~~0.0047~~ | ~~0.76334~~ | | |  | ~~604~~ | | ~~13~~ | | ~~871~~ | | ~~35~~ | ~~1638~~ | | ~~86~~ | | ~~1638.0~~ | | ~~86~~ |  | | ~~30.65~~ | |
| Zircon\_053 | | | 1111 | | 17.4 | 0.016 | |  | | 0.0689 | 0.0044 | | 0.153 | | | 0.014 | 0.01672 | | | 0.00066 | 0.0533 | | | 0.0084 | 0.64732 | | |  | 106.9 | | 4.2 | | 145 | | 12 | 890 | | 130 | | ~~106.9~~ | | ~~4~~ |  | | 26.28 | |
| Zircon\_054 | | | 192.8 | | 91.4 | 0.47 | |  | | 0.1007 | 0.0047 | | 4.18 | | | 0.25 | 0.3002 | | | 0.0057 | 0.0888 | | | 0.0067 | 0.54879 | | |  | 1691 | | 28 | | 1668 | | 49 | 1638 | | 82 | | 1638.0 | | 82 |  | | -1.38 | |
| Zircon\_055 | | | 290 | | 110.6 | 0.38 | |  | | 0.1019 | 0.0047 | | 4.08 | | | 0.24 | 0.2889 | | | 0.004 | 0.082 | | | 0.0057 | 0.23006 | | |  | 1636 | | 20 | | 1650 | | 47 | 1654 | | 88 | | 1654.0 | | 88 |  | | 0.85 | |
| Zircon\_056 | | | 284 | | 117 | 0.41 | |  | | 0.1023 | 0.0048 | | 4.25 | | | 0.25 | 0.3013 | | | 0.0037 | 0.0892 | | | 0.0068 | 0.048401 | | |  | 1698 | | 18 | | 1682 | | 47 | 1663 | | 86 | | 1663.0 | | 86 |  | | -0.95 | |
| Zircon\_057 | | | 313.2 | | 131.9 | 0.42 | |  | | 0.1026 | 0.0048 | | 4.1 | | | 0.24 | 0.2918 | | | 0.0042 | 0.0856 | | | 0.0063 | 0.33445 | | |  | 1650 | | 21 | | 1653 | | 47 | 1669 | | 85 | | 1669.0 | | 85 |  | | 0.18 | |
| Zircon\_058 | | | 230.9 | | 104.1 | 0.45 | |  | | 0.1029 | 0.0047 | | 4.15 | | | 0.24 | 0.2949 | | | 0.0038 | 0.085 | | | 0.0063 | 0.33413 | | |  | 1666 | | 19 | | 1664 | | 47 | 1674 | | 83 | | 1674.0 | | 83 |  | | -0.12 | |
| Zircon\_059 | | | 241.3 | | 135.6 | 0.56 | |  | | 0.1049 | 0.0052 | | 4.3 | | | 0.26 | 0.2996 | | | 0.0041 | 0.0864 | | | 0.0064 | 0.020097 | | |  | 1689 | | 20 | | 1692 | | 46 | 1717 | | 92 | | 1717.0 | | 92 |  | | 0.18 | |
| Zircon\_060 | | | 147.2 | | 70.4 | 0.48 | |  | | 0.1011 | 0.0054 | | 3.78 | | | 0.24 | 0.2709 | | | 0.0056 | 0.0817 | | | 0.0067 | 0.2533 | | |  | 1545 | | 28 | | 1587 | | 51 | 1639 | | 97 | | 1639.0 | | 97 |  | | 2.65 | |
|  | | |  | |  |  | |  | |  |  | |  | | |  |  | | |  |  | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
|  | | |  | |  |  | |  | |  |  | |  | | |  |  | | |  |  | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| Zircon\_1\_EGB12-40 | | | 234 | | 264 | 0.96 | |  | | 0.065 | 0.014 | | 0.081 | | | 0.018 | 0.0091 | | | 0.00037 | 0.003 | | | 0.00028 | 0.30275 | | |  | 58.4 | | 2.3 | | 78 | | 16 | 1090 | | 240 | | 58.4 | | 2 |  | | 25.13 | |
| Zircon\_2 | | | 84 | | 42 | 0.42 | |  | | 0.073 | 0.016 | | 0.092 | | | 0.02 | 0.00931 | | | 0.00058 | 0.00288 | | | 0.00016 | -0.18059 | | |  | 59.7 | | 3.7 | | 88 | | 18 | 1210 | | 220 | | 59.7 | | 4 |  | | 32.16 | |
| Zircon\_3 | | | 538 | | 271 | 0.43 | |  | | 0.0599 | 0.0052 | | 0.0785 | | | 0.0068 | 0.00923 | | | 0.0003 | 0.00281 | | | 0.00016 | -0.04418 | | |  | 59.2 | | 1.9 | | 76.6 | | 6.4 | 648 | | 85 | | 59.2 | | 2 |  | | 22.72 | |
| Zircon\_4 | | | 990 | | 1839 | 1.57 | |  | | 0.0475 | 0.003 | | 0.0614 | | | 0.0044 | 0.00916 | | | 0.00025 | 0.00275 | | | 0.00016 | 0.033164 | | |  | 58.8 | | 1.6 | | 60.5 | | 4.2 | 289 | | 99 | | 58.8 | | 2 |  | | 2.81 | |
| Zircon\_5 | | | 655 | | 1263 | 1.63 | |  | | 0.0502 | 0.0044 | | 0.0616 | | | 0.0058 | 0.00912 | | | 0.00026 | 0.00288 | | | 0.00054 | -0.01348 | | |  | 58.5 | | 1.6 | | 60.6 | | 5.5 | 292 | | 69 | | 58.5 | | 2 |  | | 3.47 | |
| Zircon\_6 | | | 543 | | 742 | 1.16 | |  | | 0.0469 | 0.0045 | | 0.0582 | | | 0.006 | 0.00909 | | | 0.00026 | 0.00267 | | | 0.0001 | 0.12739 | | |  | 58.3 | | 1.7 | | 57.3 | | 5.7 | 340 | | 100 | | 58.3 | | 2 |  | | -1.75 | |
| Zircon\_7 | | | 581 | | 931 | 1.36 | |  | | 0.0515 | 0.006 | | 0.0622 | | | 0.0067 | 0.00895 | | | 0.00026 | 0.01128 | | | 0.0115 | -0.09753 | | |  | 57.4 | | 1.7 | | 61.2 | | 6.4 | 450 | | 120 | | 57.4 | | 2 |  | | 6.21 | |
| Zircon\_8 | | | 171 | | 142 | 0.70 | |  | | 0.0577 | 0.0089 | | 0.075 | | | 0.011 | 0.00893 | | | 0.00036 | 0.0027 | | | 0.00018 | -0.00378 | | |  | 57.3 | | 2.3 | | 74 | | 10 | 520 | | 160 | | 57.3 | | 2 |  | | 22.57 | |
| Zircon\_9 | | | 605 | | 1427 | 2.00 | |  | | 0.0664 | 0.0045 | | 0.083 | | | 0.0064 | 0.00895 | | | 0.00027 | 0.00302 | | | 0.00018 | -0.09341 | | |  | 57.4 | | 1.7 | | 80.8 | | 6 | 870 | | 110 | | 57.4 | | 2 |  | | 28.96 | |
| Zircon\_11 | | | 296 | | 438 | 1.25 | |  | | 0.061 | 0.01 | | 0.076 | | | 0.012 | 0.00918 | | | 0.00038 | 0.00303 | | | 0.00026 | 0.039255 | | |  | 58.9 | | 2.4 | | 74 | | 12 | 820 | | 160 | | 58.9 | | 2 |  | | 20.41 | |
| Zircon\_12 | | | 516 | | 726 | 1.19 | |  | | 0.0502 | 0.0051 | | 0.0621 | | | 0.0063 | 0.00921 | | | 0.00029 | 0.00294 | | | 0.00018 | -0.0417 | | |  | 59.1 | | 1.8 | | 62.4 | | 6 | 330 | | 110 | | 59.1 | | 2 |  | | 5.29 | |
| Zircon\_13 | | | 514 | | 846 | 1.39 | |  | | 0.0527 | 0.0054 | | 0.0651 | | | 0.0067 | 0.00914 | | | 0.00028 | 0.00268 | | | 0.00016 | 0.10078 | | |  | 58.7 | | 1.8 | | 63.8 | | 6.4 | 410 | | 120 | | 58.7 | | 2 |  | | 7.99 | |
| Zircon\_14 | | | 160 | | 156 | 0.83 | |  | | 0.0586 | 0.0079 | | 0.0751 | | | 0.0098 | 0.00943 | | | 0.00039 | 0.00286 | | | 0.00018 | 0.008651 | | |  | 60.5 | | 2.5 | | 75.5 | | 9.9 | 700 | | 100 | | 60.5 | | 3 |  | | 19.87 | |
| Zircon\_15 | | | 567 | | 814 | 1.22 | |  | | 0.0462 | 0.0047 | | 0.059 | | | 0.0057 | 0.00938 | | | 0.00028 | 0.00293 | | | 0.00026 | -0.00442 | | |  | 60.2 | | 1.8 | | 58.1 | | 5.4 | 353 | | 90 | | 60.2 | | 2 |  | | -3.61 | |
| Zircon\_16 | | | 523 | | 923 | 1.50 | |  | | 0.0586 | 0.0049 | | 0.0718 | | | 0.0066 | 0.00868 | | | 0.00025 | 0.00326 | | | 0.00024 | 0.45763 | | |  | 55.7 | | 1.6 | | 70.2 | | 6.3 | 630 | | 100 | | 55.7 | | 2 |  | | 20.66 | |
| Zircon\_17 | | | 499 | | 772 | 1.31 | |  | | 0.0535 | 0.0045 | | 0.0657 | | | 0.0056 | 0.00907 | | | 0.00024 | 0.00284 | | | 0.00018 | 0.060158 | | |  | 58.2 | | 1.6 | | 64.6 | | 5.4 | 318 | | 94 | | 58.2 | | 2 |  | | 9.91 | |
| Zircon\_18 | | | 215 | | 233 | 0.92 | |  | | 0.0454 | 0.008 | | 0.059 | | | 0.011 | 0.00947 | | | 0.00043 | 0.00301 | | | 0.0002 | -0.00626 | | |  | 60.8 | | 2.7 | | 58 | | 10 | 580 | | 160 | | 60.8 | | 3 |  | | -4.83 | |
| Zircon\_19 | | | 276 | | 371 | 1.14 | |  | | 0.0511 | 0.0087 | | 0.068 | | | 0.012 | 0.00971 | | | 0.00037 | 0.00281 | | | 0.00008 | -0.15361 | | |  | 62.3 | | 2.4 | | 66 | | 11 | 670 | | 140 | | 62.3 | | 2 |  | | 5.61 | |
| Zircon\_20 | | | 267 | | 385 | 1.22 | |  | | 0.0532 | 0.0077 | | 0.067 | | | 0.01 | 0.00939 | | | 0.00034 | 0.00306 | | | 0.00018 | -0.13429 | | |  | 60.2 | | 2.2 | | 65.5 | | 9.5 | 840 | | 140 | | 60.2 | | 2 |  | | 8.09 | |
| Zircon\_21 | | | 394 | | 457 | 0.98 | |  | | 0.0676 | 0.0068 | | 0.0834 | | | 0.0092 | 0.00897 | | | 0.00033 | 0.00311 | | | 0.00022 | 0.33332 | | |  | 57.5 | | 2.1 | | 81.1 | | 8.6 | 870 | | 140 | | 57.5 | | 2 |  | | 29.10 | |
| Zircon\_22 | | | 955 | | 2010 | 1.78 | |  | | 0.0478 | 0.0049 | | 0.0625 | | | 0.0065 | 0.00955 | | | 0.00024 | 0.00291 | | | 0.00026 | 0.18801 | | |  | 61.3 | | 1.6 | | 61.5 | | 6.2 | 420 | | 150 | | 61.3 | | 2 |  | | 0.33 | |
| Zircon\_23 | | | 264 | | 343 | 1.10 | |  | | 0.0505 | 0.0068 | | 0.0685 | | | 0.0095 | 0.00995 | | | 0.00037 | 0.00277 | | | 0.00014 | 0.11836 | | |  | 63.8 | | 2.4 | | 67 | | 8.9 | 520 | | 120 | | 63.8 | | 2 |  | | 4.78 | |
| Zircon\_24 | | | 123 | | 129 | 0.89 | |  | | 0.061 | 0.014 | | 0.074 | | | 0.019 | 0.00912 | | | 0.00048 | 0.00284 | | | 0.00018 | -0.33797 | | |  | 58.5 | | 3.1 | | 72 | | 18 | 1060 | | 230 | | 58.5 | | 3 |  | | 18.75 | |
| Zircon\_25 | | | 1060 | | 2038 | 1.63 | |  | | 0.0483 | 0.003 | | 0.0606 | | | 0.0042 | 0.00913 | | | 0.00024 | 0.00296 | | | 0.0003 | 0.20194 | | |  | 58.6 | | 1.5 | | 59.7 | | 4 | 273 | | 87 | | 58.6 | | 2 |  | | 1.84 | |
| Zircon\_26 | | | 371 | | 556 | 1.27 | |  | | 0.0502 | 0.0057 | | 0.0618 | | | 0.0055 | 0.00909 | | | 0.00033 | 0.00294 | | | 0.00016 | 0.057372 | | |  | 58.3 | | 2.1 | | 60.8 | | 5.3 | 409 | | 98 | | 58.3 | | 2 |  | | 4.11 | |
| Zircon\_27 | | | 381 | | 527 | 1.17 | |  | | 0.049 | 0.026 | | 0.061 | | | 0.044 | 0.00923 | | | 0.00046 | 0.00305 | | | 0.0002 | 0.29736 | | |  | 59.2 | | 3 | | 60 | | 37 | 420 | | 460 | | 59.2 | | 3 |  | | 1.33 | |
| Zircon\_28 | | | 639 | | 931 | 1.23 | |  | | 0.0498 | 0.0059 | | 0.0649 | | | 0.0072 | 0.00959 | | | 0.00028 | 0.0029 | | | 0.0002 | -0.00692 | | |  | 61.6 | | 1.8 | | 63.7 | | 6.9 | 460 | | 110 | | 61.6 | | 2 |  | | 3.30 | |
| Zircon\_29 | | | 453 | | 586 | 1.10 | |  | | 0.0506 | 0.0066 | | 0.0625 | | | 0.0087 | 0.00899 | | | 0.00033 | 0.00322 | | | 0.00018 | 0.10138 | | |  | 57.7 | | 2.1 | | 61.3 | | 8.3 | 670 | | 110 | | 57.7 | | 2 |  | | 5.87 | |
| Zircon\_30 | | | 548 | | 871 | 1.35 | |  | | 0.0523 | 0.0068 | | 0.0698 | | | 0.0091 | 0.00959 | | | 0.00032 | 0.00298 | | | 0.00014 | -0.0985 | | |  | 61.5 | | 2 | | 68.1 | | 8.6 | 680 | | 97 | | 61.5 | | 2 |  | | 9.69 | |
| Zircon\_32 | | | 637 | | 953 | 1.27 | |  | | 0.0502 | 0.0057 | | 0.0611 | | | 0.0072 | 0.00883 | | | 0.00028 | 0.003 | | | 0.00022 | -0.06417 | | |  | 56.6 | | 1.8 | | 60.1 | | 6.8 | 650 | | 130 | | 56.6 | | 2 |  | | 5.82 | |
| Zircon\_33 | | | 332 | | 403 | 1.03 | |  | | 0.0484 | 0.0074 | | 0.0613 | | | 0.0092 | 0.00927 | | | 0.0003 | 0.0029 | | | 0.00026 | -0.09817 | | |  | 59.5 | | 1.9 | | 60.1 | | 8.8 | 380 | | 110 | | 59.5 | | 2 |  | | 1.00 | |
| Zircon\_34 | | | 332 | | 439 | 1.12 | |  | | 0.0513 | 0.007 | | 0.0639 | | | 0.0084 | 0.00919 | | | 0.00041 | 0.0029 | | | 0.00012 | 0.11824 | | |  | 59 | | 2.6 | | 62.8 | | 7.9 | 540 | | 120 | | 59.0 | | 3 |  | | 6.05 | |
| Zircon\_35 | | | 303 | | 316 | 0.88 | |  | | 0.0555 | 0.0071 | | 0.0651 | | | 0.0092 | 0.00926 | | | 0.00032 | 0.00286 | | | 0.00014 | 0.089478 | | |  | 59.4 | | 2.1 | | 63.8 | | 8.7 | 750 | | 120 | | 59.4 | | 2 |  | | 6.90 | |
| Zircon\_36 | | | 1100 | | 2100 | 1.62 | |  | | 0.0493 | 0.0038 | | 0.0635 | | | 0.0052 | 0.00922 | | | 0.00023 | 0.003 | | | 0.0002 | -0.12234 | | |  | 59.2 | | 1.5 | | 62.4 | | 4.9 | 370 | | 87 | | 59.2 | | 2 |  | | 5.13 | |
| Zircon\_37 | | | 321 | | 427 | 1.13 | |  | | 0.0525 | 0.0069 | | 0.067 | | | 0.011 | 0.0092 | | | 0.00031 | 0.00314 | | | 0.0002 | 0.29996 | | |  | 59 | | 2 | | 66 | | 10 | 630 | | 170 | | 59.0 | | 2 |  | | 10.61 | |
| Zircon\_38 | | | 461 | | 721 | 1.32 | |  | | 0.0576 | 0.0073 | | 0.0753 | | | 0.0093 | 0.00984 | | | 0.00033 | 0.00288 | | | 0.00016 | -0.12071 | | |  | 63.1 | | 2.1 | | 73.5 | | 8.8 | 650 | | 110 | | 63.1 | | 2 |  | | 14.15 | |
| Zircon\_39 | | | 656 | | 948 | 1.22 | |  | | 0.0513 | 0.0049 | | 0.0642 | | | 0.0065 | 0.00913 | | | 0.00028 | 0.00287 | | | 0.00016 | 0.087289 | | |  | 58.6 | | 1.8 | | 63.1 | | 6.2 | 390 | | 100 | | 58.6 | | 2 |  | | 7.13 | |
| Zircon\_40 | | | 297 | | 442 | 1.26 | |  | | 0.054 | 0.0081 | | 0.0679 | | | 0.0093 | 0.00948 | | | 0.0004 | 0.00299 | | | 0.00018 | -0.4812 | | |  | 60.8 | | 2.6 | | 66.5 | | 8.7 | 670 | | 160 | | 60.8 | | 3 |  | | 8.57 | |
| Zircon\_41 | | | 292 | | 288 | 0.84 | |  | | 0.0576 | 0.0088 | | 0.072 | | | 0.01 | 0.0091 | | | 0.00032 | 0.00281 | | | 0.00012 | -0.16111 | | |  | 58.4 | | 2 | | 70.1 | | 9.9 | 900 | | 230 | | 58.4 | | 2 |  | | 16.69 | |
| Zircon\_42 | | | 183 | | 236 | 1.09 | |  | | 0.066 | 0.011 | | 0.082 | | | 0.014 | 0.00884 | | | 0.00042 | 0.00284 | | | 0.00024 | -0.20888 | | |  | 56.7 | | 2.7 | | 79 | | 12 | 960 | | 190 | | 56.7 | | 3 |  | | 28.23 | |
| Zircon\_43 | | | 511 | | 904 | 1.50 | |  | | 0.0503 | 0.006 | | 0.0636 | | | 0.0078 | 0.00927 | | | 0.00024 | 0.00292 | | | 0.00018 | 0.11363 | | |  | 59.5 | | 1.5 | | 62.4 | | 7.4 | 438 | | 98 | | 59.5 | | 2 |  | | 4.65 | |
| Zircon\_44 | | | 1227 | | 2202 | 1.52 | |  | | 0.0484 | 0.0033 | | 0.0591 | | | 0.0039 | 0.00901 | | | 0.00024 | 0.00284 | | | 0.00016 | -0.08944 | | |  | 57.8 | | 1.5 | | 58.3 | | 3.8 | 258 | | 68 | | 57.8 | | 2 |  | | 0.86 | |
| Zircon\_45\_40 | | | 1134 | | 2050 | 1.53 | |  | | 0.0485 | 0.0028 | | 0.0608 | | | 0.0039 | 0.00903 | | | 0.00022 | 0.00281 | | | 0.00014 | 0.20133 | | |  | 57.9 | | 1.4 | | 59.8 | | 3.8 | 306 | | 86 | | 57.9 | | 1 |  | | 3.18 | |
|  | | |  | |  |  | |  | |  |  | |  | | |  |  | | |  |  | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| Zircon\_46\_EGB12-44 | | | 281 | | 192 | 0.58 | |  | | 0.054 | 0.0084 | | 0.08 | | | 0.012 | 0.01122 | | | 0.00042 | 0.00351 | | | 0.00028 | -0.26048 | | |  | 71.9 | | 2.7 | | 78 | | 12 | 790 | | 140 | | 71.9 | | 3 |  | | 7.82 | |
| Zircon\_47 | | | 376 | | 230 | 0.52 | |  | | 0.0514 | 0.0067 | | 0.08 | | | 0.011 | 0.01135 | | | 0.0003 | 0.0036 | | | 0.00026 | -0.2536 | | |  | 72.7 | | 1.9 | | 77 | | 10 | 530 | | 140 | | 72.7 | | 2 |  | | 5.58 | |
| Zircon\_48 | | | 339 | | 160 | 0.40 | |  | | 0.0461 | 0.0054 | | 0.0709 | | | 0.0079 | 0.01083 | | | 0.00031 | 0.00348 | | | 0.00022 | -0.02787 | | |  | 69.4 | | 2 | | 69.3 | | 7.5 | 420 | | 120 | | 69.4 | | 2 |  | | -0.14 | |
| Zircon\_49 | | | 341 | | 406 | 1.01 | |  | | 0.0495 | 0.0074 | | 0.077 | | | 0.011 | 0.01094 | | | 0.00033 | 0.00338 | | | 0.00022 | -0.13138 | | |  | 70.2 | | 2.1 | | 75 | | 10 | 530 | | 130 | | 70.2 | | 2 |  | | 6.40 | |
| Zircon\_50 | | | 549 | | 446 | 0.69 | |  | | 0.0511 | 0.0083 | | 0.085 | | | 0.016 | 0.01205 | | | 0.00042 | 0.00401 | | | 0.0004 | 0.17094 | | |  | 77.2 | | 2.7 | | 82 | | 14 | 530 | | 220 | | 77.2 | | 3 |  | | 5.85 | |
| Zircon\_51 | | | 427 | | 344 | 0.68 | |  | | 0.054 | 0.0056 | | 0.0847 | | | 0.0088 | 0.01152 | | | 0.00038 | 0.00376 | | | 0.00032 | 0.05398 | | |  | 73.8 | | 2.4 | | 82.2 | | 8.3 | 530 | | 110 | | 73.8 | | 2 |  | | 10.22 | |
| Zircon\_52 | | | 765 | | 486 | 0.54 | |  | | 0.0503 | 0.0034 | | 0.074 | | | 0.0054 | 0.01076 | | | 0.0003 | 0.0036 | | | 0.00022 | -0.01679 | | |  | 69 | | 1.9 | | 72.3 | | 5.1 | 342 | | 66 | | 69.0 | | 2 |  | | 4.56 | |
| Zircon\_53 | | | 273 | | 207 | 0.64 | |  | | 0.0484 | 0.0067 | | 0.0777 | | | 0.0091 | 0.01115 | | | 0.00044 | 0.00383 | | | 0.0003 | -0.16394 | | |  | 71.5 | | 2.8 | | 75.7 | | 8.6 | 640 | | 150 | | 71.5 | | 3 |  | | 5.55 | |
| Zircon\_54 | | | 359 | | 276 | 0.65 | |  | | 0.0502 | 0.0065 | | 0.074 | | | 0.0094 | 0.01075 | | | 0.00041 | 0.00338 | | | 0.00014 | -0.03868 | | |  | 68.9 | | 2.6 | | 71.9 | | 8.8 | 570 | | 120 | | 68.9 | | 3 |  | | 4.17 | |
| Zircon\_55 | | | 168 | | 106 | 0.53 | |  | | 0.0624 | 0.0089 | | 0.097 | | | 0.014 | 0.01125 | | | 0.00066 | 0.00389 | | | 0.00048 | 0.13319 | | |  | 72.1 | | 4.2 | | 93 | | 13 | 840 | | 200 | | 72.1 | | 4 |  | | 22.47 | |
| Zircon\_56 | | | 347 | | 398 | 0.97 | |  | | 0.052 | 0.0085 | | 0.082 | | | 0.013 | 0.01106 | | | 0.00041 | 0.00366 | | | 0.0003 | 0.21366 | | |  | 70.9 | | 2.6 | | 79 | | 12 | 400 | | 180 | | 70.9 | | 3 |  | | 10.25 | |
| Zircon\_57 | | | 360 | | 334 | 0.78 | |  | | 0.0503 | 0.0064 | | 0.0748 | | | 0.0089 | 0.01074 | | | 0.00043 | 0.00348 | | | 0.00024 | -0.09179 | | |  | 68.8 | | 2.7 | | 72.9 | | 8.4 | 430 | | 130 | | 68.8 | | 3 |  | | 5.62 | |
| Zircon\_58 | | | 1117 | | 1713 | 1.30 | |  | | 0.049 | 0.0049 | | 0.0759 | | | 0.0081 | 0.01126 | | | 0.00027 | 0.00355 | | | 0.0002 | -0.15662 | | |  | 72.2 | | 1.7 | | 74.2 | | 7.5 | 370 | | 140 | | 72.2 | | 2 |  | | 2.70 | |
| Zircon\_59 | | | 156 | | 66 | 0.36 | |  | | 0.0498 | 0.0074 | | 0.073 | | | 0.012 | 0.01097 | | | 0.00044 | 0.00393 | | | 0.00052 | 0.34091 | | |  | 70.3 | | 2.8 | | 71 | | 11 | 420 | | 100 | | 70.3 | | 3 |  | | 0.99 | |
| Zircon\_60 | | | 213 | | 150 | 0.60 | |  | | 0.0529 | 0.0068 | | 0.08 | | | 0.011 | 0.01125 | | | 0.00045 | 0.00348 | | | 0.00026 | 0.087977 | | |  | 72.1 | | 2.9 | | 78 | | 10 | 600 | | 110 | | 72.1 | | 3 |  | | 7.56 | |
| Zircon\_61 | | | 213 | | 113 | 0.45 | |  | | 0.0512 | 0.0083 | | 0.079 | | | 0.013 | 0.01131 | | | 0.00058 | 0.00382 | | | 0.00044 | -0.24477 | | |  | 72.5 | | 3.7 | | 77 | | 12 | 490 | | 110 | | 72.5 | | 4 |  | | 5.84 | |
| Zircon\_62 | | | 1480 | | 1158 | 0.66 | |  | | 0.0495 | 0.0031 | | 0.0765 | | | 0.0051 | 0.01119 | | | 0.00028 | 0.00362 | | | 0.0002 | -0.008 | | |  | 71.7 | | 1.8 | | 74.8 | | 4.8 | 295 | | 73 | | 71.7 | | 2 |  | | 4.14 | |
| Zircon\_63 | | | 206 | | 109 | 0.45 | |  | | 0.0474 | 0.0078 | | 0.072 | | | 0.012 | 0.01101 | | | 0.0004 | 0.00358 | | | 0.00036 | 0.002307 | | |  | 70.6 | | 2.6 | | 72 | | 12 | 550 | | 120 | | 70.6 | | 3 |  | | 1.94 | |
| Zircon\_64 | | | 675 | | 518 | 0.65 | |  | | 0.066 | 0.0067 | | 0.1 | | | 0.01 | 0.01118 | | | 0.00033 | 0.00359 | | | 0.00024 | -0.05613 | | |  | 71.6 | | 2.1 | | 96 | | 10 | 780 | | 120 | | 71.6 | | 2 |  | | 25.42 | |
| Zircon\_65 | | | 214 | | 121 | 0.48 | |  | | 0.0495 | 0.0066 | | 0.079 | | | 0.012 | 0.01115 | | | 0.00043 | 0.0036 | | | 0.00034 | 0.33461 | | |  | 71.5 | | 2.8 | | 76 | | 11 | 610 | | 150 | | 71.5 | | 3 |  | | 5.92 | |
| Zircon\_66 | | | 171 | | 100 | 0.49 | |  | | 0.0463 | 0.0081 | | 0.081 | | | 0.013 | 0.0122 | | | 0.00047 | 0.0043 | | | 0.00048 | 0.095842 | | |  | 78.2 | | 3 | | 78 | | 13 | 650 | | 130 | | 78.2 | | 3 |  | | -0.26 | |
| Zircon\_67 | | | 474 | | 283 | 0.51 | |  | | 0.0449 | 0.0045 | | 0.0679 | | | 0.007 | 0.01078 | | | 0.00031 | 0.00334 | | | 0.00022 | 0.039269 | | |  | 69.1 | | 2 | | 67.8 | | 6.6 | 245 | | 94 | | 69.1 | | 2 |  | | -1.92 | |
| Zircon\_68 | | | 205 | | 106 | 0.44 | |  | | 0.0521 | 0.0068 | | 0.134 | | | 0.016 | 0.01824 | | | 0.0008 | 0.00498 | | | 0.00028 | -0.05853 | | |  | 116.5 | | 5.1 | | 127 | | 14 | 420 | | 180 | | 116.5 | | 5 |  | | 8.27 | |
| Zircon\_69 | | | 412 | | 239 | 0.49 | |  | | 0.0469 | 0.0054 | | 0.0723 | | | 0.0083 | 0.01138 | | | 0.00034 | 0.00352 | | | 0.00024 | -0.11668 | | |  | 73 | | 2.1 | | 70.6 | | 7.9 | 470 | | 150 | | 73.0 | | 2 |  | | -3.40 | |
| Zircon\_70 | | | 241 | | 157 | 0.55 | |  | | 0.0543 | 0.0074 | | 0.08 | | | 0.011 | 0.01119 | | | 0.00046 | 0.00368 | | | 0.00024 | 0.18295 | | |  | 71.7 | | 3 | | 81 | | 10 | 590 | | 130 | | 71.7 | | 3 |  | | 11.48 | |
| Zircon\_71 | | | 488 | | 502 | 0.87 | |  | | 0.0506 | 0.0064 | | 0.075 | | | 0.011 | 0.01092 | | | 0.00037 | 0.00375 | | | 0.00026 | 0.62786 | | |  | 70 | | 2.3 | | 74 | | 10 | 360 | | 170 | | 70.0 | | 2 |  | | 5.41 | |
| Zircon\_72 | | | 363 | | 361 | 0.84 | |  | | 0.0527 | 0.0064 | | 0.0717 | | | 0.009 | 0.01026 | | | 0.00033 | 0.00324 | | | 0.0002 | -0.05589 | | |  | 65.8 | | 2.1 | | 70 | | 8.5 | 550 | | 110 | | 65.8 | | 2 |  | | 6.00 | |
| Zircon\_73 | | | 220 | | 161 | 0.62 | |  | | 0.0549 | 0.0067 | | 0.08 | | | 0.01 | 0.01082 | | | 0.00043 | 0.00338 | | | 0.00028 | -0.06627 | | |  | 69.3 | | 2.7 | | 77.4 | | 9.4 | 487 | | 89 | | 69.3 | | 3 |  | | 10.47 | |
| Zircon\_74 | | | 178 | | 131 | 0.62 | |  | | 0.057 | 0.011 | | 0.078 | | | 0.016 | 0.01088 | | | 0.00058 | 0.00371 | | | 0.00032 | -0.15139 | | |  | 69.8 | | 3.7 | | 76 | | 15 | 690 | | 120 | | 69.8 | | 4 |  | | 8.16 | |
| Zircon\_75 | | | 385 | | 322 | 0.71 | |  | | 0.0525 | 0.006 | | 0.0819 | | | 0.0091 | 0.01146 | | | 0.00036 | 0.00349 | | | 0.00026 | -0.1417 | | |  | 73.5 | | 2.3 | | 79.6 | | 8.5 | 570 | | 100 | | 73.5 | | 2 |  | | 7.66 | |
| Zircon\_76 | | | 252 | | 169 | 0.57 | |  | | 0.05 | 0.0077 | | 0.073 | | | 0.011 | 0.01133 | | | 0.00038 | 0.00365 | | | 0.00034 | 0.21997 | | |  | 72.6 | | 2.5 | | 71 | | 11 | 600 | | 140 | | 72.6 | | 3 |  | | -2.25 | |
| Zircon\_77 | | | 532 | | 412 | 0.66 | |  | | 0.0509 | 0.0044 | | 0.0796 | | | 0.0069 | 0.01136 | | | 0.00033 | 0.00356 | | | 0.00022 | 0.14861 | | |  | 72.8 | | 2.1 | | 77.6 | | 6.5 | 357 | | 88 | | 72.8 | | 2 |  | | 6.19 | |
| Zircon\_78 | | | 321 | | 184 | 0.49 | |  | | 0.0494 | 0.0067 | | 0.075 | | | 0.01 | 0.01152 | | | 0.00039 | 0.00367 | | | 0.0003 | 0.10631 | | |  | 73.8 | | 2.5 | | 73.1 | | 9.5 | 453 | | 87 | | 73.8 | | 3 |  | | -0.96 | |
| Zircon\_79 | | | 158 | | 81 | 0.44 | |  | | 0.054 | 0.02 | | 0.08 | | | 0.043 | 0.01108 | | | 0.00058 | 0.00341 | | | 0.00066 | 0.19513 | | |  | 71 | | 3.7 | | 77 | | 28 | 540 | | 400 | | 71.0 | | 4 |  | | 7.79 | |
| Zircon\_80 | | | 273 | | 264 | 0.82 | |  | | 0.0486 | 0.006 | | 0.0763 | | | 0.0093 | 0.01134 | | | 0.00042 | 0.00353 | | | 0.00028 | 0.058351 | | |  | 72.7 | | 2.7 | | 74.4 | | 8.8 | 460 | | 120 | | 72.7 | | 3 |  | | 2.28 | |
| Zircon\_81 | | | 633 | | 838 | 1.12 | |  | | 0.0501 | 0.0053 | | 0.0762 | | | 0.0091 | 0.01102 | | | 0.00036 | 0.00346 | | | 0.00022 | 0.21871 | | |  | 70.6 | | 2.3 | | 74.3 | | 8.5 | 320 | | 130 | | 70.6 | | 2 |  | | 4.98 | |
| Zircon\_82 | | | 163 | | 114 | 0.59 | |  | | 0.0497 | 0.0076 | | 0.078 | | | 0.013 | 0.01138 | | | 0.00051 | 0.00407 | | | 0.00034 | 0.33814 | | |  | 73 | | 3.3 | | 75 | | 12 | 600 | | 130 | | 73.0 | | 3 |  | | 2.67 | |
| Zircon\_83 | | | 615 | | 422 | 0.58 | |  | | 0.0494 | 0.0047 | | 0.0771 | | | 0.0078 | 0.01108 | | | 0.00029 | 0.0035 | | | 0.00022 | 0.19819 | | |  | 71 | | 1.8 | | 75.2 | | 7.4 | 400 | | 130 | | 71.0 | | 2 |  | | 5.59 | |
| Zircon\_84 | | | 192 | | 93 | 0.41 | |  | | 0.0497 | 0.0079 | | 0.079 | | | 0.013 | 0.01149 | | | 0.00042 | 0.00408 | | | 0.0004 | -0.06069 | | |  | 73.7 | | 2.7 | | 77 | | 12 | 630 | | 140 | | 73.7 | | 3 |  | | 4.29 | |
| Zircon\_85 | | | 339 | | 271 | 0.68 | |  | | 0.0508 | 0.0059 | | 0.0761 | | | 0.0091 | 0.01124 | | | 0.0004 | 0.00359 | | | 0.00026 | -0.10687 | | |  | 72.1 | | 2.6 | | 75.6 | | 8.6 | 500 | | 110 | | 72.1 | | 3 |  | | 4.63 | |
| Zircon\_86 | | | 584 | | 647 | 0.94 | |  | | 0.0494 | 0.0042 | | 0.0734 | | | 0.0062 | 0.01098 | | | 0.00033 | 0.00339 | | | 0.0002 | 0.16229 | | |  | 70.4 | | 2.1 | | 71.7 | | 5.9 | 344 | | 90 | | 70.4 | | 2 |  | | 1.81 | |
| Zircon\_87 | | | 275 | | 229 | 0.71 | |  | | 0.0467 | 0.0049 | | 0.0709 | | | 0.0074 | 0.01128 | | | 0.00038 | 0.0034 | | | 0.00026 | 0.13579 | | |  | 72.3 | | 2.4 | | 70.7 | | 7 | 354 | | 99 | | 72.3 | | 2 |  | | -2.26 | |
| Zircon\_88 | | | 195 | | 167 | 0.73 | |  | | 0.067 | 0.011 | | 0.105 | | | 0.015 | 0.01128 | | | 0.0005 | 0.00349 | | | 0.00016 | 0.011547 | | |  | 72.3 | | 3.2 | | 101 | | 14 | 960 | | 160 | | 72.3 | | 3 |  | | 28.42 | |
| Zircon\_89 | | | 359 | | 190 | 0.45 | |  | | 0.0483 | 0.0066 | | 0.0733 | | | 0.0098 | 0.01073 | | | 0.00032 | 0.00358 | | | 0.00038 | 0.23966 | | |  | 68.8 | | 2 | | 71.4 | | 9.6 | 470 | | 110 | | 68.8 | | 2 |  | | 3.64 | |
| Zircon\_90 | | | 384 | | 246 | 0.54 | |  | | 0.0462 | 0.0054 | | 0.0708 | | | 0.0082 | 0.01118 | | | 0.00033 | 0.00364 | | | 0.00028 | -0.06018 | | |  | 71.7 | | 2.1 | | 69.2 | | 7.8 | 368 | | 76 | | 71.7 | | 2 |  | | -3.61 | |
| Zircon\_91 | | | 921 | | 613 | 0.56 | |  | | 0.051 | 0.0046 | | 0.0733 | | | 0.0065 | 0.01046 | | | 0.00029 | 0.00334 | | | 0.0002 | -0.18525 | | |  | 67.1 | | 1.8 | | 71.7 | | 6.1 | 372 | | 85 | | 67.1 | | 2 |  | | 6.42 | |
| Zircon\_92 | | | 351 | | 428 | 1.03 | |  | | 0.0502 | 0.005 | | 0.0737 | | | 0.007 | 0.0111 | | | 0.0004 | 0.00352 | | | 0.00026 | -0.29171 | | |  | 71.2 | | 2.5 | | 73.7 | | 6.6 | 302 | | 96 | | 71.2 | | 3 |  | | 3.39 | |
| Zircon\_93 | | | 920 | | 1737 | 1.60 | |  | | 0.0476 | 0.0032 | | 0.0677 | | | 0.0048 | 0.01036 | | | 0.00025 | 0.00322 | | | 0.0002 | -0.08312 | | |  | 66.4 | | 1.6 | | 66.5 | | 4.9 | 160 | | 110 | | 66.4 | | 2 |  | | 0.15 | |
| Zircon\_94 | | | 191 | | 144 | 0.64 | |  | | 0.0463 | 0.0068 | | 0.071 | | | 0.01 | 0.01091 | | | 0.0005 | 0.00344 | | | 0.00028 | 0.065698 | | |  | 70 | | 3.2 | | 69 | | 10 | 320 | | 110 | | 70.0 | | 3 |  | | -1.45 | |
| Zircon\_95\_44 | | | 976 | | 1318 | 1.14 | |  | | 0.0484 | 0.0085 | | 0.077 | | | 0.029 | 0.0114 | | | 0.0014 | 0.00648 | | | 0.00402 | 0.22931 | | |  | 73.3 | | 9.1 | | 75 | | 24 | 330 | | 290 | | 73.3 | | 9 |  | | 2.27 | |
|  | | |  | |  |  | |  | |  |  | |  | | |  |  | | |  |  | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| Zircon\_24\_EGB-1242 | | | 460.3252 | | 311.5194 | 0.581859 | |  | | 0.0576 | 0.0058 | | 0.0807 | | | 0.0075 | 0.01041 | | | 0.00029 | 0.00336 | | | 0.00024 | -0.06147 | | |  | 66.8 | | 1.9 | | 78.7 | | 7.1 | 430 | | 230 | | 66.8 | | 2 |  | | 15.12 | |
| Zircon\_26 | | | 631.5146 | | 503.9465 | 0.686116 | |  | | 0.0475 | 0.0048 | | 0.0702 | | | 0.0072 | 0.01047 | | | 0.00027 | 0.00342 | | | 0.00018 | -0.07175 | | |  | 67.1 | | 1.7 | | 68.8 | | 6.9 | 110 | | 220 | | 67.1 | | 2 |  | | 2.47 | |
| Zircon\_27 | | | 541.2972 | | 469.3095 | 0.745451 | |  | | 0.0491 | 0.0053 | | 0.0735 | | | 0.0078 | 0.01069 | | | 0.00033 | 0.00344 | | | 0.00018 | 0.3824 | | |  | 68.6 | | 2.1 | | 71.8 | | 7.3 | 210 | | 230 | | 68.6 | | 2 |  | | 4.46 | |
| Zircon\_29 | | | 890.0242 | | 691.49 | 0.668007 | |  | | 0.0531 | 0.0078 | | 0.076 | | | 0.011 | 0.01057 | | | 0.00024 | 0.00334 | | | 0.00016 | 0.30469 | | |  | 67.8 | | 1.5 | | 76 | | 11 | 280 | | 250 | | 67.8 | | 2 |  | | 10.79 | |
| Zircon\_30 | | | 624.7814 | | 423.0341 | 0.58216 | |  | | 0.0508 | 0.0056 | | 0.0751 | | | 0.0086 | 0.01065 | | | 0.00027 | 0.0037 | | | 0.0002 | 0.33707 | | |  | 68.3 | | 1.7 | | 73.3 | | 8.1 | 210 | | 230 | | 68.3 | | 2 |  | | 6.82 | |
| Zircon\_31 | | | 557.8161 | | 659.2896 | 1.016209 | |  | | 0.0513 | 0.0061 | | 0.0735 | | | 0.0087 | 0.0107 | | | 0.00029 | 0.00331 | | | 0.00016 | 0.25495 | | |  | 68.6 | | 1.9 | | 71.8 | | 8.2 | 180 | | 240 | | 68.6 | | 2 |  | | 4.46 | |
| Zircon\_32 | | | 264.6549 | | 139.7226 | 0.453924 | |  | | 0.0536 | 0.0076 | | 0.081 | | | 0.011 | 0.01114 | | | 0.00041 | 0.00361 | | | 0.0003 | 0.069272 | | |  | 71.4 | | 2.6 | | 79 | | 11 | 340 | | 280 | | 71.4 | | 3 |  | | 9.62 | |
| Zircon\_33 | | | 976.0713 | | 576.9019 | 0.508179 | |  | | 0.0507 | 0.0041 | | 0.0721 | | | 0.0059 | 0.01051 | | | 0.00024 | 0.00328 | | | 0.00018 | 0.62626 | | |  | 67.4 | | 1.5 | | 70.6 | | 5.5 | 200 | | 170 | | 67.4 | | 2 |  | | 4.53 | |
| Zircon\_36 | | | 574.9254 | | 422.3996 | 0.631696 | |  | | 0.0507 | 0.0058 | | 0.0724 | | | 0.0084 | 0.01045 | | | 0.00029 | 0.00337 | | | 0.00018 | 0.19227 | | |  | 67 | | 1.8 | | 70.7 | | 8 | 160 | | 240 | | 67.0 | | 2 |  | | 5.23 | |
| Zircon\_37 | | | 1071.909 | | 534.2234 | 0.42851 | |  | | 0.0487 | 0.0035 | | 0.0699 | | | 0.0049 | 0.01055 | | | 0.00025 | 0.0035 | | | 0.00018 | 0.1276 | | |  | 67.7 | | 1.6 | | 68.6 | | 4.6 | 130 | | 150 | | 67.7 | | 2 |  | | 1.31 | |
| Zircon\_38 | | | 473.9082 | | 354.6087 | 0.643356 | |  | | 0.0501 | 0.005 | | 0.0708 | | | 0.0073 | 0.01064 | | | 0.00029 | 0.00337 | | | 0.0002 | 0.13924 | | |  | 68.2 | | 1.9 | | 69.3 | | 6.9 | 180 | | 210 | | 68.2 | | 2 |  | | 1.59 | |
| Zircon\_39 | | | 315.31 | | 189.2196 | 0.515969 | |  | | 0.0465 | 0.0055 | | 0.0679 | | | 0.0083 | 0.01054 | | | 0.00033 | 0.00349 | | | 0.00026 | 0.18557 | | |  | 67.6 | | 2.1 | | 66.5 | | 7.9 | 30 | | 240 | | 67.6 | | 2 |  | | -1.65 | |
| Zircon\_40 | | | 364.2082 | | 211.1975 | 0.498582 | |  | | 0.0485 | 0.0051 | | 0.0721 | | | 0.0077 | 0.01089 | | | 0.00031 | 0.00362 | | | 0.00026 | 0.012203 | | |  | 69.8 | | 2 | | 71.9 | | 6.6 | 130 | | 200 | | 69.8 | | 2 |  | | 2.92 | |
| Zircon\_43 | | | 426.5793 | | 257.9215 | 0.519856 | |  | | 0.0466 | 0.0054 | | 0.0695 | | | 0.0075 | 0.01067 | | | 0.0003 | 0.00346 | | | 0.00022 | 0.14518 | | |  | 68.4 | | 1.9 | | 68 | | 7.1 | 50 | | 240 | | 68.4 | | 2 |  | | -0.59 | |
| Zircon\_44 | | | 1494.469 | | 1293.249 | 0.744031 | |  | | 0.0527 | 0.0045 | | 0.0777 | | | 0.0084 | 0.01081 | | | 0.00052 | 0.00375 | | | 0.0004 | 0.60185 | | |  | 69.3 | | 3.3 | | 76.8 | | 7.6 | 300 | | 160 | | 69.3 | | 3 |  | | 9.77 | |
| Zircon\_45 | | | 879.5176 | | 295.8784 | 0.289245 | |  | | 0.0488 | 0.0043 | | 0.068 | | | 0.0057 | 0.01044 | | | 0.00032 | 0.00335 | | | 0.0002 | 0.11964 | | |  | 66.9 | | 2 | | 69 | | 5.4 | 170 | | 170 | | 66.9 | | 2 |  | | 3.04 | |
| Zircon\_46 | | | 1788.176 | | 854.2131 | 0.410727 | |  | | 0.0467 | 0.0036 | | 0.0677 | | | 0.005 | 0.0106 | | | 0.00024 | 0.0033 | | | 0.00016 | 0.041064 | | |  | 68 | | 1.5 | | 66.5 | | 4.8 | 30 | | 160 | | 68.0 | | 2 |  | | -2.26 | |
| Zircon\_47 | | | 627.9138 | | 412.4421 | 0.564755 | |  | | 0.0447 | 0.0041 | | 0.0654 | | | 0.0059 | 0.01055 | | | 0.00031 | 0.00337 | | | 0.00018 | 0.17912 | | |  | 67.7 | | 1.9 | | 65.4 | | 5.7 | -70 | | 180 | | 67.7 | | 2 |  | | -3.52 | |
| Zircon\_48 | | | 573.5397 | | 487.9862 | 0.731545 | |  | | 0.0508 | 0.0056 | | 0.0723 | | | 0.0091 | 0.01039 | | | 0.00041 | 0.00409 | | | 0.00026 | 0.43765 | | |  | 66.6 | | 2.6 | | 70.8 | | 8.5 | 240 | | 220 | | 66.6 | | 3 |  | | 5.93 | |
| Zircon\_49 | | | 499.1638 | | 414.8462 | 0.714561 | |  | | 0.0552 | 0.007 | | 0.082 | | | 0.01 | 0.01097 | | | 0.00039 | 0.00345 | | | 0.00022 | -0.09084 | | |  | 70.3 | | 2.5 | | 80.2 | | 9.4 | 310 | | 260 | | 70.3 | | 3 |  | | 12.34 | |
| Zircon\_50 | | | 303.6104 | | 138.0732 | 0.391011 | |  | | 0.0497 | 0.0068 | | 0.0724 | | | 0.0092 | 0.01062 | | | 0.0004 | 0.00372 | | | 0.00028 | -0.23168 | | |  | 68.1 | | 2.6 | | 72 | | 9 | 140 | | 280 | | 68.1 | | 3 |  | | 5.42 | |
| Zircon\_51 | | | 1605.788 | | 873.6431 | 0.467779 | |  | | 0.0491 | 0.0038 | | 0.0719 | | | 0.0056 | 0.0106 | | | 0.00027 | 0.00343 | | | 0.00018 | -0.0792 | | |  | 68 | | 1.7 | | 70.4 | | 5.3 | 130 | | 160 | | 68.0 | | 2 |  | | 3.41 | |
| Zircon\_52 | | | 1043.019 | | 591.6218 | 0.487695 | |  | | 0.048 | 0.0044 | | 0.0687 | | | 0.0064 | 0.01037 | | | 0.00024 | 0.00327 | | | 0.00016 | -0.0524 | | |  | 66.5 | | 1.5 | | 68.2 | | 6.1 | 80 | | 180 | | 66.5 | | 2 |  | | 2.49 | |
| Zircon\_53\_EGB-1242 | | | 753.8513 | | 886.0928 | 1.010622 | |  | | 0.0647 | 0.0062 | | 0.094 | | | 0.0093 | 0.01065 | | | 0.00037 | 0.00227 | | | 0.00028 | 0.16423 | | |  | 68.3 | | 2.4 | | 91.1 | | 8.6 | 800 | | 190 | | 68.3 | | 2 |  | | 25.03 | |
|  | | |  | |  |  | |  | |  |  | |  | | |  |  | | |  |  | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| 1: U and Th concentrations are calculated employing an external standard zircon as in Paton *et al.*, 2010, Geochemistry, Geophysics, Geosystems. | | | | | | | | | | | | | | | | | | | | | | | | | | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| 2: 2 sigma uncertainties propagated according to Paton *et al.*, 2010,Geochemistry, Geophysics, Geosystems | | | | | | | | | | | | | | | | | | | |  |  | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| 207Pb/206Pb ratios, ages and errors are calculated according to Petrus and Kamber, 2012, Geostandards Geoanalytical Research | | | | | | | | | | | | | | | | | | | | | | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| Analyzed spots were 23 micrometers, using an analytical protocol modified from Solari *et al.*, 2010, Geostandards Geoanalytical Research. | | | | | | | | | | | | | | | | | | | | | | | | |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| Data measured employing a Thermo XSeriesII ICPMS coupled to a Resonetics, Resolution M050 excimer laser workstation. | | | | | | | | | | | | | | | | | | | | | | | |  |  | | |  |  | |  | |  | |  |  | |  | |  | |  |  | |  | |
| **Table S2. U-Pb geochronology data. LaserChron Center, University of Arizona.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | |  | | |  | |  | | |  | |  | ISOTOPE RATIOS | | | | | | | | | | |  | APPARENT AGES (Ma) | | | | | | | | | | | | | | | | | | |
|  | U (ppm) | | 206Pb/204Pb | | | U/Th | | 206Pb\*/207Pb\* | | | ± (%) | |  | 207Pb\*/235U\* | | | ± (%) | 206Pb\*/238U | | | ± (%) | error corr. | | |  | 206Pb\*/238U\* | | | ± (Ma) | | 207Pb\*/235U | | ± (Ma) | | | 206Pb\*/207Pb\* | | ± (Ma) | | Best age (Ma) | | | ± (Ma) | |
| Zircon\_202081\_1 | 846 | | 6415 | | | 12.543 | | 23.678 | | | 9.373 | |  | 0.038 | | | 9.440 | 0.007 | | | 1.120 | 0.119 | | |  | 41.831 | | | 0.467 | | 37.781 | | 3.501 | | | -212.643 | | 235.839 | | 41.831 | | | 0.467 | |
| Zircon\_2 | 796 | | 130290 | | | 3.475 | | 10.063 | | | 1.780 | |  | 1.962 | | | 10.049 | 0.143 | | | 9.890 | 0.984 | | |  | 862.709 | | | 79.863 | | 1102.607 | | 67.688 | | | 1612.458 | | 33.165 | | 1612.458 | | | 33.165 | |
| Zircon\_3 | 1232 | | 7035 | | | 1.768 | | 22.750 | | | 6.422 | |  | 0.039 | | | 6.552 | 0.007 | | | 1.300 | 0.198 | | |  | 41.810 | | | 0.542 | | 39.274 | | 2.524 | | | -113.102 | | 158.338 | | 41.810 | | | 0.542 | |
| Zircon\_5 | 608 | | 3580 | | | 9.349 | | 21.348 | | | 9.779 | |  | 0.042 | | | 10.069 | 0.006 | | | 2.400 | 0.238 | | |  | 41.697 | | | 0.997 | | 41.689 | | 4.113 | | | 41.187 | | 234.324 | | 41.697 | | | 0.997 | |
| Zircon\_6 | 798 | | 5595 | | | 1.237 | | 22.246 | | | 3.940 | |  | 0.049 | | | 4.065 | 0.008 | | | 1.000 | 0.246 | | |  | 50.261 | | | 0.501 | | 48.101 | | 1.910 | | | -58.314 | | 96.045 | | 50.261 | | | 0.501 | |
| Zircon\_8 | 166 | | 1065 | | | 1.599 | | 30.855 | | | 97.135 | |  | ~~0.029~~ | | | ~~97.270~~ | ~~0.006~~ | | | ~~5.120~~ | ~~0.053~~ | | |  | ~~41.370~~ | | | ~~2.111~~ | | 28.800 | | 27.627 | | | -927.728 | | 1803.412 | | 41.370 | | | 2.111 | |
| Zircon\_10 | 1154 | | 6380 | | | 1.160 | | 22.290 | | | 5.159 | |  | 0.040 | | | 5.255 | 0.006 | | | 1.000 | 0.190 | | |  | 41.490 | | | 0.414 | | 39.766 | | 2.049 | | | -63.076 | | 125.915 | | 41.490 | | | 0.414 | |
| Zircon\_11 | 246 | | 95010 | | | 1.347 | | 9.661 | | | 1.110 | |  | 4.152 | | | 1.494 | 0.291 | | | 1.000 | 0.669 | | |  | 1645.987 | | | 14.527 | | 1664.510 | | 12.226 | | | 1687.941 | | 20.481 | | 1687.941 | | | 20.481 | |
| Zircon\_12 | 333 | | 2345 | | | 2.691 | | 23.685 | | | 25.696 | |  | 0.038 | | | 25.725 | 0.006 | | | 1.230 | 0.048 | | |  | 41.573 | | | 0.510 | | 37.541 | | 9.481 | | | -213.381 | | 654.554 | | 41.573 | | | 0.510 | |
| Zircon\_13 | 1141 | | 9090 | | | 11.232 | | 21.952 | | | 9.498 | |  | 0.041 | | | 9.550 | 0.007 | | | 1.000 | 0.105 | | |  | 41.818 | | | 0.417 | | 40.680 | | 3.808 | | | -25.899 | | 230.489 | | 41.818 | | | 0.417 | |
| Zircon\_14 | 500 | | 2255 | | | 0.472 | | 23.433 | | | 13.274 | |  | 0.038 | | | 13.738 | 0.007 | | | 3.540 | 0.258 | | |  | 41.769 | | | 1.474 | | 38.112 | | 5.139 | | | -186.524 | | 332.907 | | 41.769 | | | 1.474 | |
| Zircon\_16 | 279 | | 87105 | | | 2.477 | | 9.661 | | | 3.050 | |  | 3.066 | | | 4.414 | 0.215 | | | 3.190 | 0.723 | | |  | 1254.635 | | | 36.369 | | 1424.346 | | 33.806 | | | 1687.991 | | 56.285 | | 1687.991 | | | 56.285 | |
| Zircon\_17 | 754 | | 5215 | | | 4.819 | | 21.833 | | | 7.863 | |  | 0.041 | | | 7.927 | 0.007 | | | 1.000 | 0.126 | | |  | 41.844 | | | 0.417 | | 40.923 | | 3.179 | | | -12.716 | | 190.220 | | 41.844 | | | 0.417 | |
| Zircon\_19 | 774 | | 5000 | | | 2.484 | | 20.288 | | | 9.652 | |  | 0.056 | | | 9.704 | 0.008 | | | 1.000 | 0.103 | | |  | 53.332 | | | 0.531 | | 55.766 | | 5.266 | | | 161.586 | | 226.170 | | 53.332 | | | 0.531 | |
| Zircon\_20 | 326 | | 88625 | | | 1.677 | | 9.653 | | | 1.840 | |  | 3.328 | | | 2.094 | 0.233 | | | 1.000 | 0.477 | | |  | 1350.023 | | | 12.180 | | 1487.534 | | 16.352 | | | 1689.451 | | 33.948 | | 1689.451 | | | 33.948 | |
| Zircon\_21 | 1318 | | 7755 | | | 6.704 | | 21.300 | | | 6.552 | |  | 0.042 | | | 6.663 | 0.007 | | | 1.210 | 0.182 | | |  | 41.927 | | | 0.506 | | 42.007 | | 2.742 | | | 46.553 | | 156.691 | | 41.927 | | | 0.506 | |
| Zircon\_22 | 1229 | | 5035 | | | 0.751 | | 20.197 | | | 4.723 | |  | 0.056 | | | 6.062 | 0.008 | | | 3.800 | 0.627 | | |  | 52.359 | | | 1.982 | | 55.012 | | 3.246 | | | 172.091 | | 110.297 | | 52.359 | | | 1.982 | |
| Zircon\_24 | 1274 | | 9970 | | | 2.553 | | 21.827 | | | 6.864 | |  | 0.052 | | | 6.936 | 0.008 | | | 1.000 | 0.144 | | |  | 52.455 | | | 0.522 | | 51.098 | | 3.457 | | | -12.110 | | 165.988 | | 52.455 | | | 0.522 | |
| Zircon\_23 | 340 | | 114265 | | | 4.682 | | 9.641 | | | 2.820 | |  | 3.487 | | | 3.228 | 0.244 | | | 1.570 | 0.486 | | |  | 1406.643 | | | 19.841 | | 1524.345 | | 25.475 | | | 1691.777 | | 52.014 | | 1691.777 | | | 52.014 | |
| Zircon\_25 | 854 | | 6260 | | | 11.899 | | 22.948 | | | 9.527 | |  | 0.039 | | | 9.619 | 0.007 | | | 1.330 | 0.138 | | |  | 42.062 | | | 0.558 | | 39.172 | | 3.696 | | | -134.577 | | 236.102 | | 42.062 | | | 0.558 | |
|  |  | |  | | |  | |  | | |  | |  |  | | |  |  | | |  |  | | |  |  | | |  | |  | |  | | |  | |  | |  | | |  | |
| Zircon\_0112083\_1 | 488 | | 4015 | | | 1.330 | | 23.111 | | | 15.600 | |  | 0.056 | | | 16.219 | 0.009 | | | 4.440 | 0.274 | | |  | 60.407 | | | 2.670 | | 55.489 | | 8.759 | | | -152.067 | | 389.140 | | 60.407 | | | 2.670 | |
| Zircon\_2 | 1809 | | 16010 | | | 2.737 | | 21.737 | | | 6.328 | |  | 0.058 | | | 6.733 | 0.009 | | | 2.300 | 0.342 | | |  | 58.358 | | | 1.336 | | 56.945 | | 3.728 | | | -2.114 | | 152.699 | | 58.358 | | | 1.336 | |
| Zircon\_3 | 234 | | 62130 | | | 1.960 | | 9.639 | | | 2.570 | |  | 3.513 | | | 3.456 | 0.246 | | | 2.310 | 0.668 | | |  | 1415.782 | | | 29.363 | | 1530.194 | | 27.320 | | | 1692.137 | | 47.399 | | 1692.137 | | | 47.399 | |
| Zircon\_4 | 1113 | | 13020 | | | 6.543 | | 21.517 | | | 3.664 | |  | 0.070 | | | 3.798 | 0.011 | | | 1.000 | 0.263 | | |  | 69.694 | | | 0.693 | | 68.369 | | 2.511 | | | 22.254 | | 87.960 | | 69.694 | | | 0.693 | |
| Zircon\_5 | 837 | | 6595 | | | 2.582 | | 20.871 | | | 7.736 | |  | 0.048 | | | 10.123 | 0.007 | | | 6.530 | 0.645 | | |  | 47.076 | | | 3.063 | | 48.013 | | 4.747 | | | 95.024 | | 183.367 | | 47.076 | | | 3.063 | |
| Zircon\_5\_1 | 1611 | | 9205 | | | 3.378 | | 20.557 | | | 7.391 | |  | 0.050 | | | 7.636 | 0.007 | | | 1.920 | 0.251 | | |  | 48.007 | | | 0.918 | | 49.673 | | 3.702 | | | 130.777 | | 174.006 | | 48.007 | | | 0.918 | |
| Zircon\_7 | 258 | | 3235 | | | 2.522 | | 31.782 | | | 31.119 | |  | 0.034 | | | 32.459 | 0.008 | | | 9.230 | 0.284 | | |  | 50.546 | | | 4.647 | | 34.097 | | 10.884 | | | -1014.836 | | 943.467 | | 50.546 | | | 4.647 | |
| Zircon\_6 | 1531 | | 8695 | | | 5.447 | | 20.164 | | | 8.765 | |  | 0.051 | | | 9.207 | 0.007 | | | 2.820 | 0.306 | | |  | 47.975 | | | 1.348 | | 50.584 | | 4.543 | | | 175.980 | | 204.758 | | 47.975 | | | 1.348 | |
| Zircon\_8 | 1336 | | 9970 | | | 3.980 | | 21.576 | | | 4.197 | |  | 0.048 | | | 4.911 | 0.008 | | | 2.550 | 0.519 | | |  | 48.491 | | | 1.232 | | 47.849 | | 2.295 | | | 15.768 | | 100.880 | | 48.491 | | | 1.232 | |
| Zircon\_9 | 1104 | | 42100 | | | 11.365 | | 10.901 | | | 1.840 | |  | 0.374 | | | 5.781 | 0.030 | | | 5.480 | 0.948 | | |  | 187.639 | | | 10.134 | | 322.292 | | 15.965 | | | 1461.838 | | 34.979 | | 187.639 | | | 10.134 | |
| Zircon\_10 | 742 | | 4235 | | | 2.858 | | 19.248 | | | 6.756 | |  | 0.054 | | | 6.854 | 0.007 | | | 1.160 | 0.169 | | |  | 48.126 | | | 0.556 | | 53.092 | | 3.546 | | | 283.348 | | 154.684 | | 48.126 | | | 0.556 | |
| Zircon\_11 | 479 | | 4280 | | | 3.025 | | 21.103 | | | 10.604 | |  | 0.049 | | | 12.575 | 0.007 | | | 6.760 | 0.538 | | |  | 47.716 | | | 3.214 | | 48.129 | | 5.911 | | | 68.745 | | 252.910 | | 47.716 | | | 3.214 | |
| Zircon\_12 | 3574 | | 27600 | | | 7.345 | | 21.166 | | | 2.093 | |  | 0.050 | | | 2.320 | 0.008 | | | 1.000 | 0.431 | | |  | 49.766 | | | 0.496 | | 50.009 | | 1.132 | | | 61.618 | | 49.881 | | 49.766 | | | 0.496 | |
| Zircon\_13 | 564 | | 5665 | | | 4.902 | | 20.716 | | | 10.848 | |  | 0.059 | | | 11.201 | 0.009 | | | 2.790 | 0.249 | | |  | 56.835 | | | 1.579 | | 58.148 | | 6.330 | | | 112.544 | | 256.647 | | 56.835 | | | 1.579 | |
| Zircon\_15 | 439 | | 3660 | | | 3.984 | | 18.753 | | | 22.997 | |  | 0.057 | | | 24.627 | 0.008 | | | 8.810 | 0.358 | | |  | 49.690 | | | 4.361 | | 56.183 | | 13.461 | | | 342.561 | | 526.722 | | 49.690 | | | 4.361 | |
| Zircon\_!6 | 3156 | | 24945 | | | 9.704 | | 20.286 | | | 2.190 | |  | 0.052 | | | 2.447 | 0.008 | | | 1.090 | 0.446 | | |  | 48.932 | | | 0.531 | | 51.268 | | 1.223 | | | 161.860 | | 51.227 | | 48.932 | | | 0.531 | |
| Zircon\_18 | 413 | | 3015 | | | 2.984 | | 19.970 | | | 16.013 | |  | 0.054 | | | 16.415 | 0.008 | | | 3.610 | 0.220 | | |  | 50.461 | | | 1.815 | | 53.649 | | 8.578 | | | 198.450 | | 374.045 | | 50.461 | | | 1.815 | |
| Zircon\_19 | 1381 | | 10905 | | | 3.295 | | 20.137 | | | 4.748 | |  | 0.054 | | | 5.148 | 0.008 | | | 1.990 | 0.387 | | |  | 50.687 | | | 1.005 | | 53.451 | | 2.681 | | | 179.116 | | 110.737 | | 50.687 | | | 1.005 | |
| Zircon\_20 | 662 | | 4225 | | | 3.751 | | 19.641 | | | 15.099 | |  | 0.051 | | | 15.686 | 0.007 | | | 4.250 | 0.271 | | |  | 46.912 | | | 1.987 | | 50.771 | | 7.768 | | | 236.898 | | 350.027 | | 46.912 | | | 1.987 | |
| Zircon\_21 | 1064 | | 7765 | | | 6.700 | | 21.737 | | | 9.175 | |  | 0.050 | | | 9.229 | 0.008 | | | 1.000 | 0.108 | | |  | 50.571 | | | 0.504 | | 49.498 | | 4.459 | | | -2.159 | | 221.640 | | 50.571 | | | 0.504 | |
| Zircon\_22 | 393 | | 3215 | | | 3.207 | | 20.888 | | | 23.014 | |  | 0.049 | | | 24.852 | 0.007 | | | 9.380 | 0.377 | | |  | 47.525 | | | 4.441 | | 48.422 | | 11.752 | | | 93.012 | | 551.388 | | 47.525 | | | 4.441 | |
| Zircon\_22\_1 | 830 | | 6255 | | | 2.752 | | 21.734 | | | 12.716 | |  | 0.048 | | | 14.308 | 0.008 | | | 6.560 | 0.458 | | |  | 48.842 | | | 3.192 | | 47.846 | | 6.687 | | | -1.796 | | 307.662 | | 48.842 | | | 3.192 | |
| Zircon\_23 | 603 | | 4900 | | | 3.709 | | 19.149 | | | 22.010 | |  | 0.055 | | | 22.582 | 0.008 | | | 5.050 | 0.224 | | |  | 48.810 | | | 2.456 | | 54.099 | | 11.897 | | | 295.073 | | 507.831 | | 48.810 | | | 2.456 | |
| Zircon\_24 | 809 | | 6055 | | | 2.879 | | 19.759 | | | 7.020 | |  | 0.052 | | | 7.479 | 0.007 | | | 2.580 | 0.345 | | |  | 47.704 | | | 1.226 | | 51.310 | | 3.742 | | | 223.120 | | 162.516 | | 47.704 | | | 1.226 | |
| Zircon\_25 | 877 | | 5930 | | | 3.365 | | 20.413 | | | 7.989 | |  | 0.050 | | | 8.718 | 0.007 | | | 3.490 | 0.400 | | |  | 47.719 | | | 1.659 | | 49.719 | | 4.230 | | | 147.213 | | 187.589 | | 47.719 | | | 1.659 | |
| Zircon\_26 | 197 | | 2040 | | | 2.852 | | 49.291 | | | 59.614 | |  | 0.021 | | | 60.077 | 0.007 | | | 7.440 | 0.124 | | |  | 47.190 | | | 3.498 | | 20.657 | | 12.285 | | | -2573.354 | | 102.919 | | 47.190 | | | 3.498 | |
| Zircon\_27 | 645 | | 3990 | | | 1.811 | | 19.336 | | | 10.697 | |  | 0.054 | | | 10.976 | 0.008 | | | 2.460 | 0.224 | | |  | 48.212 | | | 1.182 | | 52.950 | | 5.663 | | | 272.938 | | 245.765 | | 48.212 | | | 1.182 | |
| Zircon\_29 | 398 | | 3380 | | | 3.451 | | 20.487 | | | 13.099 | |  | 0.053 | | | 13.271 | 0.008 | | | 2.130 | 0.161 | | |  | 50.437 | | | 1.070 | | 52.306 | | 6.766 | | | 138.756 | | 308.759 | | 50.437 | | | 1.070 | |
| Zircon\_30 | 649 | | 4965 | | | 2.235 | | 19.965 | | | 13.562 | |  | 0.052 | | | 13.661 | 0.007 | | | 1.640 | 0.120 | | |  | 47.982 | | | 0.784 | | 51.083 | | 6.806 | | | 199.061 | | 316.265 | | 47.982 | | | 0.784 | |
| Zircon\_32 | 2874 | | 30705 | | | 4.968 | | 15.826 | | | 2.116 | |  | 0.095 | | | 2.340 | 0.011 | | | 1.000 | 0.427 | | |  | 70.071 | | | 0.697 | | 92.352 | | 2.066 | | | 714.560 | | 44.950 | | 70.071 | | | 0.697 | |
| Zircon\_36 | 614 | | 5230 | | | 3.176 | | 20.019 | | | 12.618 | |  | 0.052 | | | 13.565 | 0.008 | | | 4.980 | 0.367 | | |  | 48.718 | | | 2.417 | | 51.713 | | 6.839 | | | 192.812 | | 294.391 | | 48.718 | | | 2.417 | |
|  |  | |  | | |  | |  | | |  | |  |  | | |  |  | | |  |  | | |  |  | | |  | |  | |  | | |  | |  | |  | | |  | |
| Zircon\_EGB-12-37\_12 | 4092 | | 434972 | | | 54.565 | | 20.972 | | | 0.598 | |  | 0.061 | | | 1.457 | 0.009 | | | 1.329 | 0.912 | | |  | 59.197 | | | 0.783 | | 59.787 | | 0.846 | | | 83.474 | | 14.182 | | 59.197 | | | 0.783 | |
| Zircon\_7 | 915 | | 629477 | | | 41.319 | | 20.556 | | | 1.786 | |  | 0.066 | | | 2.167 | 0.010 | | | 1.228 | 0.566 | | |  | 63.303 | | | 0.773 | | 65.080 | | 1.366 | | | 130.885 | | 41.983 | | 63.303 | | | 0.773 | |
| Zircon\_25 | 3917 | | 1069149 | | | 56.724 | | 21.193 | | | 0.727 | |  | 0.065 | | | 2.504 | 0.010 | | | 2.396 | 0.957 | | |  | 64.130 | | | 1.529 | | 63.987 | | 1.553 | | | 58.657 | | 17.305 | | 64.130 | | | 1.529 | |
| Zircon\_23 | 544 | | 136275 | | | 57.456 | | 20.299 | | | 3.004 | |  | 0.068 | | | 5.245 | 0.010 | | | 4.299 | 0.820 | | |  | 64.677 | | | 2.767 | | 67.267 | | 3.414 | | | 160.378 | | 70.258 | | 64.677 | | | 2.767 | |
| Zircon\_4 | 793 | | 304330 | | | 40.981 | | 20.261 | | | 1.329 | |  | 0.069 | | | 2.530 | 0.010 | | | 2.152 | 0.851 | | |  | 65.006 | | | 1.392 | | 67.724 | | 1.657 | | | 164.778 | | 31.079 | | 65.006 | | | 1.392 | |
| Zircon\_13 | 831 | | 261661 | | | 84.321 | | 20.886 | | | 1.542 | |  | 0.069 | | | 2.844 | 0.010 | | | 2.390 | 0.840 | | |  | 67.092 | | | 1.595 | | 67.812 | | 1.866 | | | 93.265 | | 36.528 | | 67.092 | | | 1.595 | |
| Zircon\_20 | 497 | | 123727 | | | 35.610 | | 19.911 | | | 1.605 | |  | 0.073 | | | 5.288 | 0.010 | | | 5.039 | 0.953 | | |  | 67.209 | | | 3.369 | | 71.140 | | 3.633 | | | 205.369 | | 37.232 | | 67.209 | | | 3.369 | |
| Zircon\_11 | 1152 | | 256188 | | | 116.697 | | 19.468 | | | 8.404 | |  | ~~0.076~~ | | | ~~14.330~~ | ~~0.011~~ | | | ~~11.607~~ | ~~0.810~~ | | |  | ~~68.514~~ | | | ~~7.910~~ | | 74.072 | | 10.237 | | | 257.352 | | 193.451 | | 68.514 | | | 7.910 | |
| Zircon\_3 | 624 | | 163405 | | | 67.832 | | 20.313 | | | 1.407 | |  | 0.075 | | | 3.225 | 0.011 | | | 2.902 | 0.900 | | |  | 70.783 | | | 2.043 | | 73.378 | | 2.283 | | | 158.725 | | 32.957 | | 70.783 | | | 2.043 | |
| Zircon\_26 | 868 | | 234603 | | | 26.141 | | 15.954 | | | 9.187 | |  | 0.148 | | | 14.008 | 0.017 | | | 10.575 | 0.755 | | |  | 109.232 | | | 11.454 | | 139.870 | | 18.305 | | | 697.392 | | 196.096 | | 109.232 | | | 11.454 | |
| Zircon\_6 | 700 | | 554433 | | | 15.956 | | 11.022 | | | 4.880 | |  | 0.374 | | | 14.980 | 0.030 | | | 14.163 | 0.945 | | |  | 189.756 | | | 26.483 | | 322.398 | | 41.402 | | | 1440.908 | | 93.055 | | 189.756 | | | 26.483 | |
| Zircon\_19 | 524 | | 909803 | | | 9.501 | | 10.387 | | | 2.861 | |  | 0.558 | | | 10.911 | 0.042 | | | 10.529 | 0.965 | | |  | 265.478 | | | 27.384 | | 450.274 | | 39.701 | | | 1553.108 | | 53.724 | | 265.478 | | | 27.384 | |
| Zircon\_28 | 741 | | 1037923 | | | 12.108 | | 10.655 | | | 0.847 | |  | 0.712 | | | 7.837 | 0.055 | | | 7.791 | 0.994 | | |  | 345.499 | | | 26.210 | | 546.206 | | 33.119 | | | 1505.109 | | 16.000 | | 345.499 | | | 26.210 | |
| Zircon\_22 | 354 | | 362450 | | | 9.582 | | 10.265 | | | 0.850 | |  | 0.895 | | | 3.812 | 0.067 | | | 3.716 | 0.975 | | |  | 415.750 | | | 14.963 | | 648.951 | | 18.282 | | | 1575.240 | | 15.908 | | 1575.240 | | | 15.908 | |
| Zircon\_16 | 625 | | 903735 | | | 8.439 | | 10.306 | | | 0.902 | |  | 0.930 | | | 8.242 | 0.069 | | | 8.193 | 0.994 | | |  | 433.121 | | | 34.320 | | 667.520 | | 40.345 | | | 1567.827 | | 16.906 | | 1567.827 | | | 16.906 | |
| Zircon\_18 | 675 | | 1002972 | | | 7.736 | | 10.177 | | | 0.557 | |  | 1.249 | | | 1.979 | 0.092 | | | 1.899 | 0.960 | | |  | 568.270 | | | 10.329 | | 822.755 | | 11.158 | | | 1591.399 | | 10.403 | | 1591.399 | | | 10.403 | |
| Zircon\_29 | 683 | | 2696463 | | | 5.498 | | 10.174 | | | 0.965 | |  | 1.322 | | | 4.231 | 0.098 | | | 4.120 | 0.974 | | |  | 600.232 | | | 23.611 | | 855.599 | | 24.469 | | | 1591.929 | | 18.032 | | 1591.929 | | | 18.032 | |
| Zircon\_30 | 438 | | 2084398 | | | 4.410 | | 9.853 | | | 0.631 | |  | 2.130 | | | 2.658 | 0.152 | | | 2.582 | 0.971 | | |  | 913.228 | | | 21.983 | | 1158.491 | | 18.366 | | | 1651.570 | | 11.704 | | 1651.570 | | | 11.704 | |
| Zircon\_14 | 419 | | 3061568 | | | 2.559 | | 9.688 | | | 0.771 | |  | 3.504 | | | 1.498 | 0.246 | | | 1.285 | 0.857 | | |  | 1418.877 | | | 16.362 | | 1528.095 | | 11.837 | | | 1682.752 | | 14.240 | | 1682.752 | | | 14.240 | |
| Zircon\_4 | 198 | | 2361127 | | | 2.366 | | 9.669 | | | 0.737 | |  | 3.979 | | | 3.504 | 0.279 | | | 3.426 | 0.978 | | |  | 1586.508 | | | 48.184 | | 1629.941 | | 28.444 | | | 1686.441 | | 13.599 | | 1686.441 | | | 13.599 | |
| Zircon\_2 | 141 | | 1771818 | | | 2.412 | | 9.673 | | | 0.619 | |  | 4.065 | | | 2.641 | 0.285 | | | 2.568 | 0.972 | | |  | 1617.310 | | | 36.726 | | 1647.253 | | 21.525 | | | 1685.651 | | 11.418 | | 1685.651 | | | 11.418 | |
| Zircon\_7 | 167 | | 614891 | | | 2.245 | | 9.704 | | | 0.520 | |  | 4.122 | | | 3.495 | 0.290 | | | 3.456 | 0.989 | | |  | 1641.996 | | | 50.091 | | 1658.610 | | 28.562 | | | 1679.697 | | 9.610 | | 1679.697 | | | 9.610 | |
| Zircon\_17 | 109 | | 891478 | | | 1.570 | | 9.603 | | | 0.893 | |  | 4.387 | | | 1.810 | 0.306 | | | 1.574 | 0.870 | | |  | 1718.584 | | | 23.749 | | 1709.819 | | 14.966 | | | 1699.082 | | 16.451 | | 1699.082 | | | 16.451 | |
| Zircon\_10 | 211 | | 2800624 | | | 2.577 | | 9.700 | | | 0.558 | |  | 4.365 | | | 2.207 | 0.307 | | | 2.135 | 0.968 | | |  | 1726.227 | | | 32.341 | | 1705.676 | | 18.236 | | | 1680.508 | | 10.306 | | 1680.508 | | | 10.306 | |
|  |  | |  | | |  | |  | | |  | |  |  | | |  |  | | |  |  | | |  |  | | |  | |  | |  | | |  | |  | |  | | |  | |
| Zircon\_EGB12-24\_18 | 612 | | 351489 | | | 41.322 | | 17.043 | | | 14.648 | |  | ~~0.070~~ | | | ~~26.176~~ | ~~0.009~~ | | | ~~21.694~~ | ~~0.829~~ | | |  | ~~55.480~~ | | | ~~11.984~~ | | ~~68.631~~ | | ~~17.373~~ | | | ~~555.096~~ | | ~~321.116~~ | | ~~55.480~~ | | | ~~11.984~~ | |
| Zircon\_12 | 1457 | | 305065 | | | 39.091 | | 20.680 | | | 1.933 | |  | 0.059 | | | 2.566 | 0.009 | | | 1.688 | 0.658 | | |  | 56.545 | | | 0.950 | | 57.957 | | 1.445 | | | 116.736 | | 45.576 | | 56.545 | | | 0.950 | |
| Zircon\_19 | 1402 | | 370863 | | | 22.503 | | 20.884 | | | 0.910 | |  | 0.060 | | | 4.753 | 0.009 | | | 4.665 | 0.982 | | |  | 58.057 | | | 2.696 | | 58.905 | | 2.720 | | | 93.532 | | 21.531 | | 58.057 | | | 2.696 | |
| Zircon\_8 | 611 | | 265511 | | | 50.169 | | 19.802 | | | 1.762 | |  | 0.064 | | | 3.104 | 0.009 | | | 2.555 | 0.823 | | |  | 59.315 | | | 1.509 | | 63.337 | | 1.906 | | | 218.137 | | 40.791 | | 59.315 | | | 1.509 | |
| Zircon\_30 | 2242 | | 527153 | | | 15.047 | | 18.687 | | | 9.043 | |  | ~~0.069~~ | | | ~~14.100~~ | ~~0.009~~ | | | ~~10.818~~ | ~~0.767~~ | | |  | ~~60.168~~ | | | ~~6.479~~ | | ~~67.930~~ | | ~~9.265~~ | | | ~~350.601~~ | | ~~204.749~~ | | ~~60.168~~ | | | ~~6.479~~ | |
| Zircon\_5 | 798 | | 61194 | | | 71.230 | | 19.213 | | | 6.672 | |  | 0.071 | | | 7.159 | 0.010 | | | 2.595 | 0.363 | | |  | 63.231 | | | 1.633 | | 69.399 | | 4.802 | | | 287.535 | | 152.647 | | 63.231 | | | 1.633 | |
| Zircon\_28 | 1171 | | 291726 | | | 79.609 | | 20.490 | | | 0.738 | |  | 0.068 | | | 2.317 | 0.010 | | | 2.197 | 0.948 | | |  | 65.153 | | | 1.424 | | 67.138 | | 1.505 | | | 138.417 | | 17.328 | | 65.153 | | | 1.424 | |
| Zircon\_10 | 918 | | 100818 | | | 75.305 | | 20.810 | | | 0.890 | |  | 0.069 | | | 1.649 | 0.010 | | | 1.389 | 0.842 | | |  | 66.957 | | | 0.925 | | 67.919 | | 1.084 | | | 101.923 | | 21.044 | | 66.957 | | | 0.925 | |
| Zircon\_14 | 983 | | 264681 | | | 49.962 | | 20.416 | | | 1.409 | |  | 0.071 | | | 4.309 | 0.011 | | | 4.072 | 0.945 | | |  | 67.595 | | | 2.738 | | 69.826 | | 2.908 | | | 146.954 | | 33.035 | | 67.595 | | | 2.738 | |
| Zircon\_25 | 876 | | 347176 | | | 62.468 | | 18.564 | | | 8.543 | |  | ~~0.079~~ | | | ~~10.697~~ | ~~0.011~~ | | | ~~6.438~~ | ~~0.602~~ | | |  | ~~68.033~~ | | | ~~4.357~~ | | ~~77.018~~ | | ~~7.934~~ | | | ~~365.553~~ | | ~~192.876~~ | | ~~68.033~~ | | | ~~4.357~~ | |
| Zircon\_6 | 853 | | 130885 | | | 36.252 | | 19.841 | | | 3.155 | |  | 0.074 | | | 5.294 | 0.011 | | | 4.251 | 0.803 | | |  | 68.257 | | | 2.886 | | 72.460 | | 3.702 | | | 213.499 | | 73.087 | | 68.257 | | | 2.886 | |
| Zircon\_15 | 1216 | | 224700 | | | 64.193 | | 20.730 | | | 1.150 | |  | 0.073 | | | 1.699 | 0.011 | | | 1.250 | 0.736 | | |  | 70.662 | | | 0.878 | | 71.835 | | 1.178 | | | 111.040 | | 27.173 | | 70.662 | | | 0.878 | |
| Zircon\_17 | 903 | | 161734 | | | 204.418 | | 20.226 | | | 3.575 | |  | 0.076 | | | 3.846 | 0.011 | | | 1.417 | 0.369 | | |  | 71.091 | | | 1.002 | | 73.994 | | 2.744 | | | 168.786 | | 83.511 | | 71.091 | | | 1.002 | |
| Zircon\_16 | 780 | | 127093 | | | 49.853 | | 20.577 | | | 1.095 | |  | 0.076 | | | 2.820 | 0.011 | | | 2.598 | 0.922 | | |  | 72.872 | | | 1.883 | | 74.542 | | 2.027 | | | 128.455 | | 25.760 | | 72.872 | | | 1.883 | |
| Zircon\_31 | 1217 | | 241887 | | | 59.921 | | 16.464 | | | 8.480 | |  | 0.101 | | | 9.430 | 0.012 | | | 4.125 | 0.437 | | |  | 77.177 | | | 3.165 | | 97.571 | | 8.773 | | | 629.912 | | 182.995 | | 77.177 | | | 3.165 | |
| Zircon\_9 | 1111 | | 382020 | | | 37.507 | | 16.546 | | | 6.472 | |  | 0.102 | | | 15.163 | 0.012 | | | 13.712 | 0.904 | | |  | 78.410 | | | 10.687 | | 98.601 | | 14.249 | | | 619.265 | | 139.794 | | 78.410 | | | 10.687 | |
| Zircon\_4 | 902 | | 574038 | | | 19.257 | | 11.020 | | | 2.450 | |  | 0.499 | | | 3.498 | 0.040 | | | 2.497 | 0.714 | | |  | 251.988 | | | 6.171 | | 410.879 | | 11.822 | | | 1441.291 | | 46.700 | | 251.988 | | | 6.171 | |
| Zircon\_21 | 823 | | 459964 | | | 7.621 | | 10.843 | | | 2.020 | |  | 0.708 | | | 6.079 | 0.056 | | | 5.734 | 0.943 | | |  | 349.182 | | | 19.489 | | 543.428 | | 25.588 | | | 1472.008 | | 38.349 | | 349.182 | | | 19.489 | |
| Zircon\_26 | 562 | | 1617475 | | | 13.169 | | 10.297 | | | 0.975 | |  | 0.970 | | | 2.098 | 0.072 | | | 1.858 | 0.885 | | |  | 450.763 | | | 8.087 | | 688.393 | | 10.489 | | | 1569.505 | | 18.270 | | 1569.505 | | | 18.270 | |
| Zircon\_22 | 388 | | 896754 | | | 4.885 | | 9.947 | | | 0.566 | |  | 1.616 | | | 9.212 | 0.117 | | | 9.195 | 0.998 | | |  | 711.020 | | | 61.901 | | 976.608 | | 57.850 | | | 1634.004 | | 10.517 | | 1634.004 | | | 10.517 | |
| Zircon\_11 | 755 | | 2722835 | | | 5.494 | | 9.859 | | | 0.904 | |  | 2.099 | | | 2.488 | 0.150 | | | 2.318 | 0.932 | | |  | 901.314 | | | 19.496 | | 1148.357 | | 17.110 | | | 1650.414 | | 16.753 | | 1650.414 | | | 16.753 | |
| Zircon\_6 | 720 | | 2463783 | | | 2.539 | | 9.825 | | | 1.556 | |  | 2.648 | | | 1.785 | 0.189 | | | 0.875 | 0.490 | | |  | 1114.387 | | | 8.953 | | 1314.197 | | 13.156 | | | 1656.911 | | 28.819 | | 1656.911 | | | 28.819 | |
| Zircon\_3 | 256 | | 1103011 | | | 1.872 | | 9.654 | | | 0.592 | |  | 3.726 | | | 1.757 | 0.261 | | | 1.654 | 0.941 | | |  | 1494.375 | | | 22.058 | | 1576.978 | | 14.063 | | | 1689.300 | | 10.925 | | 1689.300 | | | 10.925 | |
| Zircon\_7 | 253 | | 1395232 | | | 1.503 | | 9.630 | | | 0.600 | |  | 4.187 | | | 2.515 | 0.292 | | | 2.443 | 0.971 | | |  | 1653.664 | | | 35.629 | | 1671.509 | | 20.619 | | | 1693.973 | | 11.060 | | 1693.973 | | | 11.060 | |
| Zircon\_6 | 98 | | 323944 | | | 2.708 | | 9.643 | | | 0.658 | |  | 4.293 | | | 2.530 | 0.300 | | | 2.443 | 0.966 | | |  | 1692.483 | | | 36.368 | | 1691.990 | | 20.840 | | | 1691.363 | | 12.129 | | 1691.363 | | | 12.129 | |
| Zircon\_5 | 197 | | 1169833 | | | 1.707 | | 9.674 | | | 0.527 | |  | 4.471 | | | 1.607 | 0.314 | | | 1.518 | 0.945 | | |  | 1758.726 | | | 23.371 | | 1725.553 | | 13.336 | | | 1685.532 | | 9.722 | | 1685.532 | | | 9.722 | |