Geological Magazine

**Crustal growth as revealed by integrated U-Pb and Lu-Hf isotope analyses of detrital zircons from Ganjiang River, Southeastern China**

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Supplementary Material

**Supplementary Data Table S3: Lu-Hf isotopic compositions of detrital zircons from Ganjiang River**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | 176Yb/177Hf | 176Lu/177Hf | 176Hf/177Hf | ±(2σ) | Age (Ma) | εHf(t) | ±(2σ) | TDM1(Ma) | ±(2σ) | fLu/Hf | TDM2(Ma) | ±(2σ) |
| **14GJ01** | | | | | | | | | | | | |
| 14GJ01-1 | 0.013301 | 0.000473 | 0.282475 | 0.000030 | 612 | 2.8 | 0.5 | 1085 | 42 | -0.99 | 1375 | 68 |
| 14GJ01-2 | 0.017680 | 0.000551 | 0.282725 | 0.000024 | 267 | 4.1 | 0.4 | 739 | 33 | -0.98 | 1027 | 54 |
| 14GJ01-4 | 0.043211 | 0.001339 | 0.282517 | 0.000026 | 146 | -5.9 | 0.5 | 1050 | 36 | -0.96 | 1572 | 57 |
| 14GJ01-5 | 0.024423 | 0.000715 | 0.282091 | 0.000020 | 958 | -3.4 | 0.4 | 1624 | 27 | -0.98 | 2026 | 44 |
| 14GJ01-8 | 0.015854 | 0.000471 | 0.282267 | 0.000020 | 421 | -8.7 | 0.4 | 1372 | 28 | -0.99 | 1956 | 46 |
| 14GJ01-10 | 0.028632 | 0.000865 | 0.282279 | 0.000018 | 428 | -8.3 | 0.3 | 1369 | 25 | -0.97 | 1931 | 40 |
| 14GJ01-11 | 0.022088 | 0.000675 | 0.282460 | 0.000022 | 156 | -7.7 | 0.4 | 1112 | 30 | -0.98 | 1690 | 49 |
| 14GJ01-12 | 0.005405 | 0.000160 | 0.281089 | 0.000022 | 2398 | -6.1 | 0.4 | 2947 | 29 | -1.00 | 3291 | 48 |
| 14GJ01-17 | 0.040533 | 0.001322 | 0.282468 | 0.000025 | 500 | -0.2 | 0.4 | 1119 | 36 | -0.96 | 1476 | 56 |
| 14GJ01-18 | 0.019027 | 0.000572 | 0.282402 | 0.000023 | 233 | -8.0 | 0.4 | 1188 | 32 | -0.98 | 1770 | 51 |
| 14GJ01-20 | 0.026696 | 0.000857 | 0.282321 | 0.000022 | 428 | -6.8 | 0.4 | 1311 | 30 | -0.97 | 1838 | 48 |
| 14GJ01-21 | 0.021807 | 0.000669 | 0.282347 | 0.000026 | 234 | -10.0 | 0.5 | 1267 | 36 | -0.98 | 1893 | 57 |
| 14GJ01-27 | 0.045686 | 0.001521 | 0.281764 | 0.000016 | 969 | -15.2 | 0.3 | 2118 | 23 | -0.95 | 2772 | 36 |
| 14GJ01-28 | 0.024340 | 0.000778 | 0.282384 | 0.000020 | 405 | -5.0 | 0.3 | 1221 | 27 | -0.98 | 1711 | 44 |
| 14GJ01-31 | 0.031898 | 0.001247 | 0.282487 | 0.000021 | 1072 | 12.8 | 0.4 | 1089 | 30 | -0.96 | 1099 | 47 |
| 14GJ01-34 | 0.021508 | 0.000676 | 0.282143 | 0.000017 | 912 | -2.5 | 0.3 | 1551 | 24 | -0.98 | 1937 | 38 |
| 14GJ01-35 | 0.032984 | 0.001006 | 0.282338 | 0.000020 | 433 | -6.1 | 0.4 | 1292 | 28 | -0.97 | 1800 | 45 |
| 14GJ01-36 | 0.015220 | 0.000499 | 0.281714 | 0.000022 | 1450 | -5.7 | 0.4 | 2130 | 30 | -0.98 | 2546 | 49 |
| 14GJ01-37 | 0.011937 | 0.000393 | 0.281989 | 0.000023 | 847 | -9.2 | 0.4 | 1750 | 31 | -0.99 | 2307 | 50 |
| 14GJ01-39 | 0.011181 | 0.000346 | 0.281834 | 0.000020 | 1169 | -7.6 | 0.4 | 1959 | 27 | -0.99 | 2448 | 43 |
| 14GJ01-40 | 0.037005 | 0.001181 | 0.282260 | 0.000019 | 460 | -8.4 | 0.3 | 1408 | 27 | -0.96 | 1961 | 42 |
| 14GJ01-42 | 0.023539 | 0.000731 | 0.281971 | 0.000024 | 772 | -11.7 | 0.4 | 1791 | 32 | -0.98 | 2405 | 52 |
| 14GJ01-44 | 0.021863 | 0.000695 | 0.282392 | 0.000019 | 242 | -8.2 | 0.3 | 1206 | 26 | -0.98 | 1789 | 42 |
| 14GJ01-48 | 0.001405 | 0.000035 | 0.281916 | 0.000022 | 942 | -9.5 | 0.4 | 1833 | 30 | -1.00 | 2396 | 48 |
| 14GJ01-49 | 0.012263 | 0.000370 | 0.281633 | 0.000024 | 1884 | 1.2 | 0.5 | 2233 | 33 | -0.99 | 2449 | 53 |
| 14GJ01-51 | 0.041067 | 0.001276 | 0.282189 | 0.000025 | 452 | -11.1 | 0.4 | 1511 | 35 | -0.96 | 2125 | 55 |
| 14GJ01-54 | 0.018695 | 0.000566 | 0.282257 | 0.000022 | 994 | 3.4 | 0.4 | 1389 | 30 | -0.98 | 1631 | 49 |
| 14GJ01-55 | 0.041677 | 0.001258 | 0.282447 | 0.000022 | 432 | -2.4 | 0.4 | 1148 | 31 | -0.96 | 1563 | 49 |
| 14GJ01-58 | 0.015393 | 0.000484 | 0.282371 | 0.000021 | 251 | -8.7 | 0.4 | 1229 | 28 | -0.99 | 1828 | 46 |
| 14GJ01-59 | 0.037539 | 0.001193 | 0.282325 | 0.000020 | 419 | -6.9 | 0.4 | 1316 | 28 | -0.96 | 1840 | 45 |
| 14GJ01-62 | 0.020194 | 0.000634 | 0.282245 | 0.000020 | 457 | -8.8 | 0.4 | 1408 | 27 | -0.98 | 1985 | 44 |
| 14GJ01-64 | 0.010382 | 0.000337 | 0.281951 | 0.000018 | 809 | -11.4 | 0.3 | 1799 | 24 | -0.99 | 2413 | 39 |
| 14GJ01-65 | 0.010583 | 0.000354 | 0.282149 | 0.000017 | 539 | -10.3 | 0.3 | 1530 | 23 | -0.99 | 2143 | 37 |
| 14GJ01-67 | 0.070680 | 0.002060 | 0.282525 | 0.000024 | 413 | -0.2 | 0.4 | 1060 | 35 | -0.94 | 1413 | 55 |
| 14GJ01-68 | 0.045862 | 0.001424 | 0.282424 | 0.000019 | 445 | -3.0 | 0.3 | 1185 | 28 | -0.96 | 1610 | 43 |
| 14GJ01-71 | 0.015666 | 0.000485 | 0.282125 | 0.000017 | 987 | -1.4 | 0.3 | 1568 | 24 | -0.99 | 1925 | 38 |
| 14GJ01-74 | 0.028609 | 0.000872 | 0.282285 | 0.000020 | 418 | -8.3 | 0.4 | 1361 | 28 | -0.97 | 1924 | 45 |
| 14GJ01-75 | 0.049878 | 0.001493 | 0.282391 | 0.000018 | 229 | -8.7 | 0.3 | 1234 | 25 | -0.96 | 1807 | 40 |
| 14GJ01-78 | 0.040004 | 0.001296 | 0.282197 | 0.000018 | 484 | -10.1 | 0.3 | 1500 | 26 | -0.96 | 2088 | 41 |
| 14GJ01-80 | 0.015676 | 0.000477 | 0.282424 | 0.000019 | 153 | -9.0 | 0.3 | 1156 | 26 | -0.99 | 1771 | 41 |
| 14GJ01-82 | 0.025698 | 0.000754 | 0.282038 | 0.000021 | 964 | -5.2 | 0.4 | 1699 | 29 | -0.98 | 2142 | 46 |
| 14GJ01-83 | 0.009132 | 0.000292 | 0.281206 | 0.000024 | 2500 | 0.2 | 0.5 | 2801 | 32 | -0.99 | 2988 | 52 |
| 14GJ01-85 | 0.019038 | 0.000607 | 0.282399 | 0.000017 | 236 | -8.1 | 0.3 | 1194 | 23 | -0.98 | 1776 | 37 |
| 14GJ01-87 | 0.007498 | 0.000216 | 0.282139 | 0.000020 | 1031 | 0.3 | 0.4 | 1537 | 27 | -0.99 | 1853 | 44 |
| 14GJ01-89 | 0.018637 | 0.000589 | 0.282396 | 0.000018 | 225 | -8.5 | 0.3 | 1198 | 24 | -0.98 | 1790 | 39 |
| 14GJ01-95 | 0.019601 | 0.000627 | 0.282482 | 0.000018 | 222 | -5.5 | 0.3 | 1079 | 25 | -0.98 | 1599 | 40 |
| 14GJ01-100 | 0.008144 | 0.000305 | 0.281308 | 0.000016 | 2472 | 3.1 | 0.3 | 2665 | 21 | -0.99 | 2786 | 34 |
| 14GJ01-103 | 0.021970 | 0.000691 | 0.282440 | 0.000021 | 229 | -6.8 | 0.4 | 1140 | 29 | -0.98 | 1691 | 46 |
| 14GJ01-104 | 0.025585 | 0.000917 | 0.282400 | 0.000015 | 180 | -9.3 | 0.3 | 1202 | 21 | -0.97 | 1811 | 33 |
| 14GJ01-105 | 0.018321 | 0.000580 | 0.282406 | 0.000021 | 130 | -10.2 | 0.4 | 1184 | 29 | -0.98 | 1826 | 47 |
| **14GJ02** | | | | | | | | | | | | |
| 14GJ02-2 | 0.037488 | 0.001133 | 0.282222 | 0.000022 | 454 | -9.8 | 0.4 | 1459 | 31 | -0.97 | 2048 | 49 |
| 14GJ02-5 | 0.027774 | 0.000838 | 0.282309 | 0.000024 | 461 | -6.5 | 0.4 | 1326 | 33 | -0.97 | 1844 | 53 |
| 14GJ02-6 | 0.019985 | 0.000594 | 0.282453 | 0.000023 | 246 | -6.0 | 0.4 | 1119 | 32 | -0.98 | 1650 | 52 |
| 14GJ02-7 | 0.044933 | 0.001485 | 0.282436 | 0.000026 | 181 | -8.1 | 0.5 | 1169 | 36 | -0.96 | 1733 | 57 |
| 14GJ02-9 | 0.037245 | 0.001122 | 0.282261 | 0.000022 | 442 | -8.7 | 0.4 | 1404 | 31 | -0.97 | 1968 | 50 |
| 14GJ02-10 | 0.021346 | 0.000704 | 0.282049 | 0.000023 | 767 | -9.0 | 0.4 | 1682 | 31 | -0.98 | 2235 | 50 |
| 14GJ02-12 | 0.008303 | 0.000253 | 0.280750 | 0.000022 | 2421 | -17.8 | 0.4 | 3404 | 30 | -0.99 | 4016 | 48 |
| 14GJ02-13 | 0.049990 | 0.001500 | 0.282332 | 0.000021 | 429 | -6.6 | 0.4 | 1318 | 30 | -0.95 | 1824 | 48 |
| 14GJ02-14 | 0.051432 | 0.001566 | 0.282394 | 0.000022 | 435 | -4.2 | 0.4 | 1231 | 31 | -0.95 | 1683 | 49 |
| 14GJ02-15 | 0.039449 | 0.001178 | 0.282362 | 0.000021 | 398 | -6.1 | 0.4 | 1264 | 30 | -0.96 | 1770 | 47 |
| 14GJ02-16 | 0.025182 | 0.000809 | 0.282472 | 0.000021 | 141 | -7.6 | 0.4 | 1099 | 29 | -0.98 | 1673 | 46 |
| 14GJ02-17 | 0.024005 | 0.000747 | 0.282217 | 0.000021 | 442 | -10.1 | 0.4 | 1451 | 29 | -0.98 | 2058 | 46 |
| 14GJ02-22 | 0.027938 | 0.000879 | 0.282355 | 0.000021 | 861 | 3.7 | 0.4 | 1264 | 29 | -0.97 | 1505 | 46 |
| 14GJ02-23 | 0.010560 | 0.000342 | 0.282344 | 0.000024 | 231 | -10.1 | 0.4 | 1261 | 33 | -0.99 | 1899 | 53 |
| 14GJ02-24 | 0.021404 | 0.000676 | 0.282394 | 0.000021 | 220 | -8.6 | 0.4 | 1203 | 29 | -0.98 | 1797 | 47 |
| 14GJ02-25 | 0.023457 | 0.000812 | 0.280956 | 0.000021 | 3002 | 1.7 | 0.4 | 3177 | 28 | -0.98 | 3282 | 45 |
| 14GJ02-26 | 0.004893 | 0.000159 | 0.281846 | 0.000019 | 881 | -13.4 | 0.3 | 1934 | 25 | -1.00 | 2594 | 41 |
| 14GJ02-28 | 0.018117 | 0.000581 | 0.282147 | 0.000022 | 958 | -1.3 | 0.4 | 1541 | 30 | -0.98 | 1896 | 48 |
| 14GJ02-34 | 0.045688 | 0.001656 | 0.282426 | 0.000024 | 170 | -8.7 | 0.4 | 1189 | 34 | -0.95 | 1763 | 54 |
| 14GJ02-35 | 0.010674 | 0.000344 | 0.282765 | 0.000025 | 252 | 5.2 | 0.4 | 679 | 35 | -0.99 | 944 | 57 |
| 14GJ02-37 | 0.023363 | 0.000776 | 0.282417 | 0.000022 | 425 | -3.4 | 0.4 | 1174 | 31 | -0.98 | 1623 | 50 |
| 14GJ02-38 | 0.019433 | 0.000645 | 0.282417 | 0.000020 | 228 | -7.6 | 0.4 | 1170 | 28 | -0.98 | 1741 | 45 |
| 14GJ02-40 | 0.040424 | 0.001319 | 0.282301 | 0.000022 | 421 | -7.8 | 0.4 | 1355 | 31 | -0.96 | 1894 | 49 |
| 14GJ02-43 | 0.013987 | 0.000464 | 0.282229 | 0.000019 | 423 | -10.0 | 0.3 | 1423 | 27 | -0.99 | 2038 | 43 |
| 14GJ02-44 | 0.019864 | 0.000609 | 0.281882 | 0.000021 | 808 | -14.0 | 0.4 | 1907 | 29 | -0.98 | 2576 | 47 |
| 14GJ02-46 | 0.079651 | 0.002536 | 0.282408 | 0.000020 | 410 | -4.5 | 0.4 | 1244 | 29 | -0.92 | 1682 | 44 |
| 14GJ02-51 | 0.040798 | 0.001304 | 0.282376 | 0.000020 | 390 | -5.8 | 0.4 | 1249 | 28 | -0.96 | 1745 | 44 |
| 14GJ02-52 | 0.042001 | 0.001312 | 0.282289 | 0.000021 | 401 | -8.6 | 0.4 | 1371 | 29 | -0.96 | 1932 | 46 |
| 14GJ02-53 | 0.040393 | 0.001290 | 0.282300 | 0.000020 | 419 | -7.9 | 0.4 | 1356 | 28 | -0.96 | 1898 | 45 |
| 14GJ02-56 | 0.026121 | 0.000841 | 0.282441 | 0.000020 | 424 | -2.6 | 0.4 | 1143 | 28 | -0.97 | 1573 | 45 |
| 14GJ02-60 | 0.024939 | 0.000764 | 0.282380 | 0.000023 | 218 | -9.2 | 0.4 | 1225 | 31 | -0.98 | 1831 | 50 |
| 14GJ02-64 | 0.017582 | 0.000542 | 0.282425 | 0.000024 | 414 | -3.3 | 0.4 | 1157 | 33 | -0.98 | 1610 | 54 |
| 14GJ02-66 | 0.025412 | 0.000820 | 0.281975 | 0.000022 | 1633 | 7.3 | 0.4 | 1788 | 30 | -0.98 | 1882 | 49 |
| 14GJ02-67 | 0.024783 | 0.000833 | 0.282356 | 0.000021 | 468 | -4.7 | 0.4 | 1261 | 29 | -0.97 | 1735 | 46 |
| 14GJ02-68 | 0.034369 | 0.001095 | 0.282320 | 0.000021 | 156 | -12.7 | 0.4 | 1321 | 29 | -0.97 | 2005 | 46 |
| 14GJ02-70 | 0.027656 | 0.000778 | 0.282282 | 0.000019 | 407 | -8.6 | 0.3 | 1362 | 27 | -0.98 | 1936 | 43 |
| 14GJ02-73 | 0.024164 | 0.000822 | 0.282478 | 0.000027 | 226 | -5.6 | 0.5 | 1091 | 37 | -0.98 | 1608 | 59 |
| 14GJ02-75 | 0.020174 | 0.000620 | 0.282404 | 0.000019 | 334 | -5.8 | 0.3 | 1188 | 27 | -0.98 | 1707 | 43 |
| 14GJ02-76 | 0.013095 | 0.000412 | 0.282108 | 0.000019 | 481 | -13.1 | 0.3 | 1588 | 26 | -0.99 | 2271 | 42 |
| 14GJ02-81 | 0.011128 | 0.000376 | 0.281133 | 0.000020 | 2540 | -1.7 | 0.4 | 2905 | 27 | -0.99 | 3131 | 43 |
| 14GJ02-85 | 0.022242 | 0.000681 | 0.282016 | 0.000022 | 698 | -11.7 | 0.4 | 1726 | 30 | -0.98 | 2348 | 48 |
| 14GJ02-89 | 0.036926 | 0.001158 | 0.282298 | 0.000022 | 432 | -7.6 | 0.4 | 1353 | 31 | -0.97 | 1892 | 49 |
| 14GJ02-91 | 0.020417 | 0.000703 | 0.282423 | 0.000021 | 158 | -9.0 | 0.4 | 1164 | 30 | -0.98 | 1772 | 48 |
| 14GJ02-92 | 0.015163 | 0.000494 | 0.281418 | 0.000025 | 1522 | -14.6 | 0.5 | 2530 | 34 | -0.99 | 3148 | 54 |
| 14GJ02-93 | 0.029382 | 0.001119 | 0.282488 | 0.000022 | 166 | -6.5 | 0.4 | 1084 | 31 | -0.97 | 1623 | 48 |
| 14GJ02-95 | 0.024089 | 0.000807 | 0.282353 | 0.000019 | 494 | -4.2 | 0.3 | 1265 | 26 | -0.98 | 1727 | 42 |
| 14GJ02-96 | 0.021460 | 0.000688 | 0.282361 | 0.000021 | 405 | -5.8 | 0.4 | 1249 | 30 | -0.98 | 1759 | 48 |
| 14GJ02-99 | 0.022488 | 0.000754 | 0.282356 | 0.000024 | 902 | 4.8 | 0.4 | 1259 | 33 | -0.98 | 1473 | 53 |
| 14GJ02-101 | 0.015104 | 0.000478 | 0.282495 | 0.000023 | 606 | 3.4 | 0.4 | 1057 | 31 | -0.99 | 1333 | 51 |
| 14GJ02-105 | 0.016206 | 0.000548 | 0.282427 | 0.000022 | 224 | -7.4 | 0.4 | 1154 | 30 | -0.98 | 1721 | 49 |
| **14GJ04** | | | | | | | | | | | | |
| 14GJ04-7 | 0.036624 | 0.001162 | 0.281834 | 0.000026 | 745 | -17.3 | 0.5 | 2001 | 36 | -0.96 | 2735 | 57 |
| 14GJ04-9 | 0.022487 | 0.000799 | 0.280617 | 0.000023 | 3491 | 0.9 | 0.5 | 3628 | 31 | -0.98 | 3711 | 50 |
| 14GJ04-16 | 0.023950 | 0.000716 | 0.282467 | 0.000022 | 226 | -5.9 | 0.4 | 1102 | 31 | -0.98 | 1631 | 50 |
| 14GJ04-17 | 0.010606 | 0.000319 | 0.282141 | 0.000021 | 567 | -10.0 | 0.4 | 1539 | 29 | -0.99 | 2142 | 48 |
| 14GJ04-18 | 0.020060 | 0.000641 | 0.282246 | 0.000024 | 450 | -8.9 | 0.4 | 1407 | 33 | -0.98 | 1987 | 54 |
| 14GJ04-19 | 0.012695 | 0.000373 | 0.281372 | 0.000023 | 1722 | -11.7 | 0.4 | 2585 | 31 | -0.99 | 3118 | 50 |
| 14GJ04-20 | 0.025613 | 0.000800 | 0.282320 | 0.000021 | 414 | -7.1 | 0.4 | 1310 | 29 | -0.98 | 1847 | 47 |
| 14GJ04-21 | 0.058904 | 0.001793 | 0.282381 | 0.000019 | 244 | -8.8 | 0.3 | 1258 | 27 | -0.95 | 1824 | 42 |
| 14GJ04-23 | 0.022999 | 0.000737 | 0.282309 | 0.000026 | 176 | -12.6 | 0.5 | 1323 | 36 | -0.98 | 2014 | 57 |
| 14GJ04-24 | 0.022403 | 0.000718 | 0.282189 | 0.000022 | 785 | -3.7 | 0.4 | 1489 | 31 | -0.98 | 1914 | 50 |
| 14GJ04-26 | 0.030813 | 0.000962 | 0.282243 | 0.000019 | 461 | -8.9 | 0.3 | 1423 | 26 | -0.97 | 1993 | 42 |
| 14GJ04-28 | 0.035986 | 0.001113 | 0.282364 | 0.000022 | 408 | -5.8 | 0.4 | 1259 | 30 | -0.97 | 1758 | 48 |
| 14GJ04-29 | 0.015555 | 0.000486 | 0.281346 | 0.000021 | 1509 | -17.5 | 0.4 | 2627 | 28 | -0.99 | 3313 | 45 |
| 14GJ04-30 | 0.022779 | 0.000697 | 0.282060 | 0.000020 | 906 | -5.6 | 0.4 | 1667 | 27 | -0.98 | 2127 | 44 |
| 14GJ04-32 | 0.010425 | 0.000340 | 0.282224 | 0.000020 | 539 | -7.6 | 0.4 | 1426 | 28 | -0.99 | 1975 | 45 |
| 14GJ04-34 | 0.015311 | 0.000455 | 0.282044 | 0.000018 | 1040 | -3.1 | 0.3 | 1678 | 25 | -0.99 | 2070 | 40 |
| 14GJ04-35 | 0.013114 | 0.000445 | 0.281952 | 0.000024 | 1007 | -7.1 | 0.4 | 1803 | 33 | -0.99 | 2293 | 53 |
| 14GJ04-36 | 0.034815 | 0.001151 | 0.282130 | 0.000026 | 798 | -5.7 | 0.5 | 1588 | 37 | -0.97 | 2050 | 58 |
| 14GJ04-38 | 0.063400 | 0.002070 | 0.282239 | 0.000019 | 428 | -10.0 | 0.3 | 1471 | 28 | -0.94 | 2041 | 43 |
| 14GJ04-39 | 0.014982 | 0.000504 | 0.282352 | 0.000025 | 239 | -9.7 | 0.4 | 1256 | 35 | -0.98 | 1879 | 56 |
| 14GJ04-41 | 0.014491 | 0.000494 | 0.280844 | 0.000024 | 2878 | -4.4 | 0.5 | 3300 | 32 | -0.99 | 3559 | 52 |
| 14GJ04-42 | 0.010710 | 0.000335 | 0.281821 | 0.000024 | 1172 | -8.0 | 0.4 | 1976 | 32 | -0.99 | 2474 | 52 |
| 14GJ04-46 | 0.023849 | 0.000734 | 0.282000 | 0.000020 | 920 | -7.4 | 0.4 | 1750 | 27 | -0.98 | 2250 | 43 |
| 14GJ04-47 | 0.019537 | 0.000660 | 0.282240 | 0.000020 | 488 | -8.3 | 0.4 | 1416 | 28 | -0.98 | 1978 | 44 |
| 14GJ04-52 | 0.035703 | 0.001194 | 0.282268 | 0.000023 | 397 | -9.4 | 0.4 | 1397 | 33 | -0.96 | 1980 | 52 |
| 14GJ04-55 | 0.022833 | 0.000736 | 0.282237 | 0.000020 | 402 | -10.3 | 0.4 | 1423 | 28 | -0.98 | 2038 | 45 |
| 14GJ04-57 | 0.021938 | 0.000687 | 0.282196 | 0.000018 | 875 | -1.4 | 0.3 | 1478 | 25 | -0.98 | 1842 | 40 |
| 14GJ04-65 | 0.007613 | 0.000271 | 0.280720 | 0.000022 | 3158 | -1.9 | 0.4 | 3445 | 30 | -0.99 | 3624 | 48 |
| 14GJ04-67 | 0.026228 | 0.000837 | 0.281524 | 0.000019 | 1802 | -5.1 | 0.4 | 2410 | 26 | -0.97 | 2773 | 42 |
| 14GJ04-68 | 0.000103 | 0.000003 | 0.281539 | 0.000016 | 585 | -30.8 | 0.3 | 2338 | 21 | -1.00 | 3449 | 35 |
| 14GJ04-70 | 0.023643 | 0.000693 | 0.282391 | 0.000021 | 982 | 7.8 | 0.4 | 1207 | 29 | -0.98 | 1344 | 47 |
| 14GJ04-72 | 0.024373 | 0.000746 | 0.282363 | 0.000020 | 448 | -4.9 | 0.4 | 1249 | 28 | -0.98 | 1731 | 44 |
| 14GJ04-74 | 0.033992 | 0.001060 | 0.282255 | 0.000020 | 379 | -10.2 | 0.4 | 1411 | 28 | -0.97 | 2018 | 45 |
| 14GJ04-76 | 0.024778 | 0.000726 | 0.282074 | 0.000020 | 968 | -3.8 | 0.4 | 1648 | 27 | -0.98 | 2058 | 44 |
| 14GJ04-80 | 0.014508 | 0.000476 | 0.281452 | 0.000020 | 1618 | -11.3 | 0.4 | 2484 | 26 | -0.99 | 3015 | 43 |
| 14GJ04-83 | 0.035518 | 0.001155 | 0.282276 | 0.000022 | 419 | -8.7 | 0.4 | 1384 | 30 | -0.97 | 1949 | 48 |
| 14GJ04-84 | 0.019930 | 0.000653 | 0.281071 | 0.000019 | 2428 | -6.9 | 0.4 | 3009 | 25 | -0.98 | 3361 | 40 |
| 14GJ04-86 | 0.047916 | 0.001653 | 0.282302 | 0.000018 | 506 | -6.1 | 0.3 | 1366 | 26 | -0.95 | 1851 | 40 |
| 14GJ04-88 | 0.038885 | 0.001287 | 0.282406 | 0.000019 | 219 | -8.3 | 0.3 | 1206 | 27 | -0.96 | 1778 | 43 |
| 14GJ04-89 | 0.008942 | 0.000328 | 0.281341 | 0.000021 | 2346 | 1.4 | 0.4 | 2624 | 28 | -0.99 | 2796 | 46 |
| 14GJ04-90 | 0.028724 | 0.000964 | 0.282081 | 0.000021 | 721 | -9.0 | 0.4 | 1649 | 29 | -0.97 | 2199 | 46 |
| 14GJ04-94 | 0.045657 | 0.001515 | 0.281308 | 0.000025 | 2588 | 3.6 | 0.5 | 2752 | 34 | -0.95 | 2845 | 54 |
| 14GJ04-95 | 0.025669 | 0.000804 | 0.282405 | 0.000022 | 823 | 4.7 | 0.4 | 1192 | 31 | -0.98 | 1413 | 50 |
| 14GJ04-98 | 0.012429 | 0.000411 | 0.281983 | 0.000022 | 1228 | -1.0 | 0.4 | 1759 | 30 | -0.99 | 2086 | 48 |
| 14GJ04-99 | 0.012508 | 0.000415 | 0.281796 | 0.000020 | 1172 | -8.9 | 0.4 | 2014 | 27 | -0.99 | 2533 | 44 |
| 14GJ04-100 | 0.023974 | 0.000785 | 0.282305 | 0.000020 | 324 | -9.6 | 0.4 | 1331 | 28 | -0.98 | 1935 | 44 |
| 14GJ04-102 | 0.028290 | 0.000968 | 0.282266 | 0.000022 | 431 | -8.7 | 0.4 | 1391 | 30 | -0.97 | 1961 | 49 |
| 14GJ04-103 | 0.038394 | 0.001275 | 0.282324 | 0.000021 | 416 | -7.0 | 0.4 | 1320 | 30 | -0.96 | 1845 | 47 |
| 14GJ04-104 | 0.001101 | 0.000029 | 0.281951 | 0.000018 | 946 | -8.2 | 0.3 | 1785 | 24 | -1.00 | 2316 | 40 |
| 14GJ04-105 | 0.000360 | 0.000010 | 0.281637 | 0.000019 | 858 | -21.3 | 0.3 | 2207 | 26 | -1.00 | 3062 | 42 |
| **14GJ07** | | | | | | | | | | | | |
| 14GJ07-2 | 0.012384 | 0.000458 | 0.282490 | 0.000026 | 843 | 8.4 | 0.5 | 1063 | 35 | -0.99 | 1198 | 57 |
| 14GJ07-3 | 0.035745 | 0.001344 | 0.282082 | 0.000023 | 654 | -10.6 | 0.4 | 1664 | 32 | -0.96 | 2247 | 51 |
| 14GJ07-4 | 0.013542 | 0.000389 | 0.282249 | 0.000022 | 266 | -12.7 | 0.4 | 1394 | 31 | -0.99 | 2090 | 50 |
| 14GJ07-5 | 0.039511 | 0.001267 | 0.282246 | 0.000019 | 458 | -8.9 | 0.3 | 1430 | 27 | -0.96 | 1994 | 43 |
| 14GJ07-6 | 0.018910 | 0.000585 | 0.281541 | 0.000019 | 1833 | -3.4 | 0.4 | 2370 | 26 | -0.98 | 2697 | 42 |
| 14GJ07-8 | 0.029275 | 0.000950 | 0.281946 | 0.000025 | 940 | -9.1 | 0.4 | 1836 | 34 | -0.97 | 2367 | 55 |
| 14GJ07-9 | 0.024766 | 0.000751 | 0.282421 | 0.000019 | 222 | -7.7 | 0.3 | 1168 | 27 | -0.98 | 1737 | 42 |
| 14GJ07-11 | 0.054339 | 0.001702 | 0.282242 | 0.000024 | 786 | -2.3 | 0.4 | 1454 | 34 | -0.95 | 1828 | 53 |
| 14GJ07-20 | 0.024531 | 0.000739 | 0.282278 | 0.000019 | 438 | -8.1 | 0.3 | 1367 | 27 | -0.98 | 1927 | 43 |
| 14GJ07-21 | 0.046780 | 0.001495 | 0.282216 | 0.000022 | 407 | -11.1 | 0.4 | 1482 | 31 | -0.95 | 2095 | 49 |
| 14GJ07-24 | 0.028145 | 0.000968 | 0.282333 | 0.000018 | 438 | -6.2 | 0.3 | 1298 | 25 | -0.97 | 1807 | 39 |
| 14GJ07-25 | 0.056396 | 0.001938 | 0.282808 | 0.000021 | 373 | 9.0 | 0.4 | 646 | 31 | -0.94 | 797 | 48 |
| 14GJ07-27 | 0.021057 | 0.000630 | 0.282168 | 0.000023 | 905 | -1.8 | 0.4 | 1515 | 31 | -0.98 | 1885 | 50 |
| 14GJ07-29 | 0.034627 | 0.001113 | 0.282364 | 0.000018 | 442 | -5.0 | 0.3 | 1259 | 26 | -0.97 | 1738 | 41 |
| 14GJ07-30 | 0.039329 | 0.001230 | 0.282333 | 0.000018 | 420 | -6.6 | 0.3 | 1307 | 26 | -0.96 | 1822 | 41 |
| 14GJ07-34 | 0.029049 | 0.000853 | 0.282159 | 0.000023 | 1454 | 9.8 | 0.4 | 1536 | 32 | -0.97 | 1586 | 50 |
| 14GJ07-35 | 0.012789 | 0.000399 | 0.281264 | 0.000019 | 2232 | -4.0 | 0.4 | 2731 | 26 | -0.99 | 3039 | 42 |
| 14GJ07-40 | 0.033067 | 0.001025 | 0.282224 | 0.000018 | 472 | -9.3 | 0.3 | 1452 | 25 | -0.97 | 2031 | 41 |
| 14GJ07-42 | 0.041315 | 0.001268 | 0.282347 | 0.000022 | 224 | -10.3 | 0.4 | 1289 | 31 | -0.96 | 1906 | 49 |
| 14GJ07-43 | 0.044612 | 0.001229 | 0.282319 | 0.000021 | 431 | -6.9 | 0.4 | 1327 | 30 | -0.96 | 1848 | 47 |
| 14GJ07-44 | 0.033120 | 0.001054 | 0.282095 | 0.000019 | 758 | -7.8 | 0.3 | 1633 | 27 | -0.97 | 2149 | 42 |
| 14GJ07-46 | 0.020597 | 0.000647 | 0.282315 | 0.000016 | 249 | -10.8 | 0.3 | 1312 | 22 | -0.98 | 1956 | 35 |
| 14GJ07-48 | 0.026069 | 0.000834 | 0.282281 | 0.000019 | 405 | -8.7 | 0.3 | 1365 | 26 | -0.97 | 1939 | 42 |
| 14GJ07-49 | 0.026512 | 0.000825 | 0.282287 | 0.000020 | 399 | -8.6 | 0.4 | 1356 | 28 | -0.98 | 1930 | 45 |
| 14GJ07-50 | 0.029913 | 0.000961 | 0.282377 | 0.000023 | 957 | 6.6 | 0.4 | 1235 | 32 | -0.97 | 1400 | 51 |
| 14GJ07-51 | 0.031518 | 0.001051 | 0.281730 | 0.000021 | 774 | -20.4 | 0.4 | 2139 | 29 | -0.97 | 2943 | 46 |
| 14GJ07-53 | 0.036030 | 0.001263 | 0.282447 | 0.000020 | 889 | 7.4 | 0.4 | 1146 | 28 | -0.96 | 1296 | 45 |
| 14GJ07-54 | 0.017106 | 0.000562 | 0.282201 | 0.000018 | 729 | -4.4 | 0.3 | 1467 | 25 | -0.98 | 1917 | 40 |
| 14GJ07-57 | 0.039034 | 0.001247 | 0.282396 | 0.000019 | 436 | -4.1 | 0.3 | 1218 | 27 | -0.96 | 1672 | 42 |
| 14GJ07-65 | 0.020703 | 0.000634 | 0.282399 | 0.000020 | 226 | -8.3 | 0.3 | 1195 | 27 | -0.98 | 1783 | 44 |
| 14GJ07-66 | 0.038153 | 0.001349 | 0.282456 | 0.000019 | 234 | -6.2 | 0.3 | 1137 | 27 | -0.96 | 1657 | 43 |
| 14GJ07-68 | 0.027093 | 0.000864 | 0.281055 | 0.000023 | 2868 | 2.1 | 0.5 | 3047 | 32 | -0.97 | 3154 | 51 |
| 14GJ07-71 | 0.010809 | 0.000373 | 0.280938 | 0.000020 | 2710 | -4.7 | 0.4 | 3165 | 26 | -0.99 | 3446 | 43 |
| 14GJ07-73 | 0.017918 | 0.000608 | 0.282112 | 0.000019 | 1087 | 0.3 | 0.4 | 1591 | 27 | -0.98 | 1898 | 43 |
| 14GJ07-76 | 0.022770 | 0.000824 | 0.281920 | 0.000021 | 620 | -16.8 | 0.4 | 1865 | 28 | -0.98 | 2611 | 45 |
| 14GJ07-77 | 0.024567 | 0.000899 | 0.282422 | 0.000020 | 447 | -2.8 | 0.4 | 1171 | 28 | -0.97 | 1602 | 45 |
| 14GJ07-79 | 0.029637 | 0.000969 | 0.282332 | 0.000017 | 448 | -6.0 | 0.3 | 1299 | 24 | -0.97 | 1803 | 38 |
| 14GJ07-81 | 0.017394 | 0.000568 | 0.282305 | 0.000019 | 163 | -13.0 | 0.3 | 1323 | 27 | -0.98 | 2031 | 43 |
| 14GJ07-84 | 0.023951 | 0.000776 | 0.282434 | 0.000019 | 231 | -7.0 | 0.3 | 1151 | 26 | -0.98 | 1703 | 42 |
| 14GJ07-85 | 0.018273 | 0.000569 | 0.282097 | 0.000016 | 997 | -2.2 | 0.3 | 1610 | 22 | -0.98 | 1983 | 35 |
| 14GJ07-86 | 0.030563 | 0.000982 | 0.282339 | 0.000018 | 418 | -6.4 | 0.3 | 1290 | 25 | -0.97 | 1807 | 39 |
| 14GJ07-89 | 0.004279 | 0.000125 | 0.282163 | 0.000017 | 450 | -11.7 | 0.3 | 1501 | 23 | -1.00 | 2162 | 38 |
| 14GJ07-90 | 0.022168 | 0.000752 | 0.282246 | 0.000017 | 506 | -7.7 | 0.3 | 1411 | 24 | -0.98 | 1956 | 39 |
| 14GJ07-92 | 0.016918 | 0.000663 | 0.281624 | 0.000018 | 1318 | -12.0 | 0.3 | 2262 | 25 | -0.98 | 2834 | 40 |
| 14GJ07-95 | 0.040557 | 0.001230 | 0.282413 | 0.000019 | 437 | -3.4 | 0.3 | 1194 | 27 | -0.96 | 1634 | 43 |
| 14GJ07-98 | 0.024082 | 0.000762 | 0.282063 | 0.000021 | 1133 | -0.6 | 0.4 | 1665 | 29 | -0.98 | 1985 | 46 |
| 14GJ07-99 | 0.016329 | 0.000542 | 0.282486 | 0.000022 | 133 | -7.2 | 0.4 | 1071 | 31 | -0.98 | 1644 | 50 |
| 14GJ07-100 | 0.028212 | 0.000936 | 0.282217 | 0.000021 | 434 | -10.4 | 0.4 | 1459 | 29 | -0.97 | 2068 | 47 |
| 14GJ07-101 | 0.069182 | 0.002153 | 0.282378 | 0.000023 | 410 | -5.5 | 0.4 | 1275 | 33 | -0.94 | 1744 | 50 |
| 14GJ07-102 | 0.023681 | 0.000696 | 0.282320 | 0.000021 | 424 | -6.9 | 0.4 | 1306 | 29 | -0.98 | 1839 | 46 |
| 14GJ07-103 | 0.017303 | 0.000526 | 0.282162 | 0.000019 | 798 | -4.2 | 0.3 | 1518 | 26 | -0.98 | 1959 | 42 |