**Supporting Information S2 Detrital zircon LA-ICP-MS U-Pb geochronological data of river sands samples in Qilian orogenic belt.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | Th232 | | | U238 | | 238U/232Th | | corrected ratios | | | | | | | | | | | | | | | | | age | | | | | | | | | | | | | | | Best age | ±1σ | Disc(%) |
| Analysis | | *207Pb/206Pb* | | ±1σ | | *207Pb/235U* | | ±1σ | | *206Pb/238U* | | ±1σ | | *208Pb/232Th* | | | ±1σ | | *207Pb/206Pb* | | | ±1σ | | *206Pb/238U* | | ±1σ | | *207Pb/235U* | | ±1σ | | *208Pb/232Th* | ±1σ |
| **QH-01** | |  | | |  | |  | |  | |  | |  | |  | |  | |  | |  | | |  | |  | | |  | |  | |  | |  | |  | |  |  |  |  |  |
| QH-01-01 | | 368.7 | | | 444.94 | | 1.20678058 | | 0.16523 | | 0.00378 | | 11.05221 | | 0.24366 | | 0.48515 | | 0.00956 | | 0.14445 | | | 0.00409 | | 2510 | | | 17 | | 2550 | | 41 | | 2528 | | 21 | | 2727 | 72 | 2510 | 17 | 101.59 |
| QH-01-02 | | 19.05 | | | 31.8 | | 1.66929134 | | 0.10608 | | 0.00327 | | 4.57105 | | 0.13808 | | 0.31252 | | 0.00694 | | 0.09408 | | | 0.00408 | | 1733 | | | 26 | | 1753 | | 34 | | 1744 | | 25 | | 1817 | 75 | 1733 | 26 | 101.15 |
| QH-01-03 | | 111.04 | | | 175.94 | | 1.58447406 | | 0.11348 | | 0.00271 | | 5.13366 | | 0.11838 | | 0.3281 | | 0.00656 | | 0.09702 | | | 0.00297 | | 1856 | | | 19 | | 1829 | | 32 | | 1842 | | 20 | | 1872 | 55 | 1856 | 19 | 98.55 |
| QH-01-04 | | 24.19 | | | 19.12 | | 0.79040926 | | 0.05408 | | 0.01222 | | 0.31286 | | 0.07016 | | 0.04196 | | 0.00153 | | 0.01416 | | | 0.00137 | | 374 | | | 394 | | 265 | | 9 | | 276 | | 54 | | 284 | 27 | 265 | 9 | 96.01 |
| QH-01-05 | | 340.36 | | | 226.21 | | 0.66461981 | | 0.05163 | | 0.00201 | | 0.29656 | | 0.01117 | | 0.04166 | | 0.00088 | | 0.01337 | | | 0.00046 | | 269 | | | 49 | | 263 | | 5 | | 264 | | 9 | | 268 | 9 | 263 | 5 | 99.62 |
| QH-01-06 | | 128.45 | | | 179.82 | | 1.39992215 | | 0.06142 | | 0.00228 | | 0.40971 | | 0.0147 | | 0.04838 | | 0.00103 | | 0.01709 | | | 0.00068 | | 654 | | | 42 | | 305 | | 6 | | 349 | | 11 | | 343 | 14 | 305 | 6 | 87.39 |
| QH-01-07 | | 67.91 | | | 132.62 | | 1.95287881 | | 0.09917 | | 0.0025 | | 3.42859 | | 0.08346 | | 0.25077 | | 0.00508 | | 0.0767 | | | 0.00259 | | 1609 | | | 20 | | 1442 | | 26 | | 1511 | | 19 | | 1494 | 49 | 1609 | 20 | 89.62 |
| QH-01-08 | | 25.94 | | | 47.59 | | 1.83461835 | | 0.10627 | | 0.00304 | | 4.31388 | | 0.12032 | | 0.29443 | | 0.00633 | | 0.08634 | | | 0.0036 | | 1736 | | | 24 | | 1664 | | 32 | | 1696 | | 23 | | 1674 | 67 | 1736 | 24 | 95.85 |
| QH-01-09 | | 116.7 | | | 164.43 | | 1.40899743 | | 0.06565 | | 0.00184 | | 1.21315 | | 0.03288 | | 0.13402 | | 0.00274 | | 0.04273 | | | 0.00144 | | 795 | | | 27 | | 811 | | 16 | | 807 | | 15 | | 846 | 28 | 811 | 16 | 100.50 |
| QH-01-10 | | 303.21 | | | 399.6 | | 1.31789849 | | 0.15464 | | 0.0064 | | 8.95943 | | 0.31763 | | 0.4202 | | 0.00897 | | 0.11746 | | | 0.00241 | | 2398 | | | 72 | | 2261 | | 41 | | 2334 | | 32 | | 2245 | 44 | 2398 | 72 | 94.29 |
| QH-01-11 | | 224.44 | | | 316.5 | | 1.41017644 | | 0.11289 | | 0.00266 | | 4.7752 | | 0.10866 | | 0.30679 | | 0.00609 | | 0.09068 | | | 0.00271 | | 1846 | | | 18 | | 1725 | | 30 | | 1781 | | 19 | | 1754 | 50 | 1846 | 18 | 93.45 |
| QH-01-12 | | 234.33 | | | 276.44 | | 1.17970384 | | 0.06518 | | 0.00171 | | 1.17292 | | 0.02962 | | 0.13052 | | 0.00262 | | 0.04077 | | | 0.00129 | | 780 | | | 24 | | 791 | | 15 | | 788 | | 14 | | 808 | 25 | 791 | 15 | 100.38 |
| QH-01-13 | | 6.45 | | | 13 | | 2.01550388 | | 0.09086 | | 0.00445 | | 3.69181 | | 0.17885 | | 0.29471 | | 0.00767 | | 0.06895 | | | 0.00598 | | 1444 | | | 54 | | 1665 | | 38 | | 1570 | | 39 | | 1348 | 113 | 1444 | 54 | 115.30 |
| QH-01-14 | | 53.22 | | | 59.37 | | 1.11555806 | | 0.05277 | | 0.0038 | | 0.42416 | | 0.03002 | | 0.05829 | | 0.00142 | | 0.01812 | | | 0.00102 | | 319 | | | 117 | | 365 | | 9 | | 359 | | 21 | | 363 | 20 | 365 | 9 | 101.67 |
| QH-01-15 | | 63.71 | | | 119.4 | | 1.87411709 | | 0.13691 | | 0.00336 | | 6.26249 | | 0.14884 | | 0.33176 | | 0.00673 | | 0.09504 | | | 0.00321 | | 2188 | | | 19 | | 1847 | | 33 | | 2013 | | 21 | | 1835 | 59 | 2188 | 19 | 84.41 |
| QH-01-16 | | 152.65 | | | 194.03 | | 1.27107763 | | 0.1572 | | 0.00372 | | 8.82175 | | 0.20158 | | 0.40703 | | 0.00813 | | 0.1152 | | | 0.00351 | | 2426 | | | 17 | | 2201 | | 37 | | 2320 | | 21 | | 2204 | 64 | 2426 | 17 | 90.73 |
| QH-01-17 | | 29.82 | | | 216.5 | | 7.26022803 | | 0.05402 | | 0.00176 | | 0.50753 | | 0.01603 | | 0.06815 | | 0.00141 | | 0.02377 | | | 0.00152 | | 372 | | | 36 | | 425 | | 9 | | 417 | | 11 | | 475 | 30 | 425 | 9 | 101.92 |
| QH-01-18 | | 522.61 | | | 511.64 | | 0.9790092 | | 0.09387 | | 0.00237 | | 0.79831 | | 0.0193 | | 0.06168 | | 0.00123 | | 0.01679 | | | 0.00053 | | 1506 | | | 21 | | 386 | | 7 | | 596 | | 11 | | 337 | 11 | 386 | 7 | 64.77 |
| QH-01-19 | | 83.81 | | | 267.57 | | 3.19257845 | | 0.12608 | | 0.00299 | | 6.26009 | | 0.14307 | | 0.36012 | | 0.00716 | | 0.10413 | | | 0.00336 | | 2044 | | | 18 | | 1983 | | 34 | | 2013 | | 20 | | 2002 | 62 | 2044 | 18 | 97.02 |
| QH-01-20 | | 131.34 | | | 280.61 | | 2.13651591 | | 0.05551 | | 0.00166 | | 0.53566 | | 0.01548 | | 0.06999 | | 0.00143 | | 0.02229 | | | 0.00084 | | 433 | | | 31 | | 436 | | 9 | | 436 | | 10 | | 446 | 17 | 436 | 9 | 100.00 |
| QH-01-21 | | 15.14 | | | 38.52 | | 2.54425363 | | 0.10214 | | 0.00318 | | 3.52608 | | 0.10686 | | 0.25039 | | 0.0055 | | 0.07585 | | | 0.00395 | | 1663 | | | 27 | | 1440 | | 28 | | 1533 | | 24 | | 1478 | 74 | 1663 | 27 | 86.59 |
| ~~QH-01-22~~ | | ~~38.49~~ | | | ~~158.76~~ | | ~~4.12470772~~ | | ~~0.11019~~ | | ~~0.00285~~ | | ~~3.51689~~ | | ~~0.08762~~ | | ~~0.23149~~ | | ~~0.00473~~ | | ~~0.05855~~ | | | ~~0.00263~~ | | ~~1803~~ | | | ~~21~~ | | ~~1342~~ | | ~~25~~ | | ~~1531~~ | | ~~20~~ | | ~~1150~~ | ~~50~~ | ~~1803~~ | ~~21~~ | ~~74.43~~ |
|  | |  | | |  | |  | |  | |  | |  | |  | |  | |  | |  | | |  | |  | | |  | |  | |  | |  | |  | |  |  |  |  |  |
| QH-01-23 | | 38.26 | | | 55.44 | | 1.44903293 | | 0.06399 | | 0.00268 | | 1.03457 | | 0.04212 | | 0.11727 | | 0.00262 | | 0.04482 | | | 0.00198 | | 741 | | | 49 | | 715 | | 15 | | 721 | | 21 | | 886 | 38 | 715 | 15 | 99.17 |
| QH-01-24 | | 351.28 | | | 364.61 | | 1.03794694 | | 0.05144 | | 0.00167 | | 0.30298 | | 0.00951 | | 0.04272 | | 0.00088 | | 0.01348 | | | 0.00047 | | 261 | | | 37 | | 270 | | 5 | | 269 | | 7 | | 271 | 9 | 270 | 5 | 100.37 |
| QH-01-25 | | 62.26 | | | 114 | | 1.83103116 | | 0.05708 | | 0.00282 | | 0.33048 | | 0.01593 | | 0.04199 | | 0.00093 | | 0.01382 | | | 0.00073 | | 495 | | | 67 | | 265 | | 6 | | 290 | | 12 | | 277 | 15 | 265 | 6 | 91.38 |
| QH-01-26 | | 42.74 | | | 93.5 | | 2.18764623 | | 0.12138 | | 0.00307 | | 5.94355 | | 0.14569 | | 0.35515 | | 0.00726 | | 0.10172 | | | 0.00367 | | 1977 | | | 20 | | 1959 | | 35 | | 1968 | | 21 | | 1958 | 67 | 1977 | 20 | 99.09 |
| QH-01-27 | | 137.64 | | | 115.63 | | 0.84009009 | | 0.11948 | | 0.00299 | | 5.68094 | | 0.13747 | | 0.34486 | | 0.007 | | 0.10368 | | | 0.0033 | | 1948 | | | 19 | | 1910 | | 34 | | 1928 | | 21 | | 1994 | 60 | 1948 | 19 | 98.05 |
| QH-01-28 | | 132.26 | | | 165.9 | | 1.2543475 | | 0.0569 | | 0.00198 | | 0.56581 | | 0.01903 | | 0.07212 | | 0.00151 | | 0.02338 | | | 0.0009 | | 488 | | | 39 | | 449 | | 9 | | 455 | | 12 | | 467 | 18 | 449 | 9 | 98.68 |
| QH-01-29 | | 147.89 | | | 192.56 | | 1.30204882 | | 0.06017 | | 0.00191 | | 0.58995 | | 0.01808 | | 0.07111 | | 0.00148 | | 0.02398 | | | 0.00089 | | 610 | | | 33 | | 443 | | 9 | | 471 | | 12 | | 479 | 18 | 443 | 9 | 94.06 |
| QH-01-30 | | 194.04 | | | 386.52 | | 1.99196042 | | 0.11321 | | 0.00271 | | 5.13106 | | 0.11833 | | 0.32873 | | 0.00652 | | 0.09663 | | | 0.00304 | | 1852 | | | 19 | | 1832 | | 32 | | 1841 | | 20 | | 1864 | 56 | 1852 | 19 | 98.92 |
| QH-01-31 | | 73.82 | | | 192.57 | | 2.60864264 | | 0.05428 | | 0.00187 | | 0.52214 | | 0.01744 | | 0.06977 | | 0.00145 | | 0.0221 | | | 0.00102 | | 383 | | | 40 | | 435 | | 9 | | 427 | | 12 | | 442 | 20 | 435 | 9 | 101.87 |
| QH-01-32 | | 31.95 | | | 30.34 | | 0.94960876 | | 0.11396 | | 0.0035 | | 5.10484 | | 0.15303 | | 0.32491 | | 0.00722 | | 0.10141 | | | 0.0039 | | 1864 | | | 26 | | 1814 | | 35 | | 1837 | | 25 | | 1952 | 72 | 1864 | 26 | 97.32 |
| QH-01-33 | | 17.81 | | | 30.9 | | 1.73498035 | | 0.15064 | | 0.00415 | | 9.28262 | | 0.25107 | | 0.44695 | | 0.00977 | | 0.12762 | | | 0.00544 | | 2353 | | | 21 | | 2382 | | 44 | | 2366 | | 25 | | 2428 | 98 | 2353 | 21 | 101.23 |
| QH-01-34 | | 142.01 | | | 129.47 | | 0.91169636 | | 0.05488 | | 0.00212 | | 0.53078 | | 0.01991 | | 0.07016 | | 0.0015 | | 0.02218 | | | 0.00085 | | 407 | | | 47 | | 437 | | 9 | | 432 | | 13 | | 443 | 17 | 437 | 9 | 101.16 |
| QH-01-35 | | 76.96 | | | 169.03 | | 2.19633576 | | 0.06798 | | 0.00189 | | 1.41922 | | 0.03811 | | 0.15144 | | 0.00309 | | 0.045 | | | 0.0017 | | 868 | | | 26 | | 909 | | 17 | | 897 | | 16 | | 890 | 33 | 909 | 17 | 101.34 |
| QH-01-36 | | 184.54 | | | 474.11 | | 2.5691449 | | 0.16188 | | 0.00386 | | 10.24504 | | 0.23543 | | 0.45905 | | 0.00909 | | 0.13292 | | | 0.00423 | | 2475 | | | 17 | | 2435 | | 40 | | 2457 | | 21 | | 2522 | 75 | 2475 | 17 | 98.38 |
| QH-01-37 | | 147.06 | | | 163.19 | | 1.10968312 | | 0.0552 | | 0.00192 | | 0.56322 | | 0.01899 | | 0.074 | | 0.00155 | | 0.02342 | | | 0.00089 | | 420 | | | 40 | | 460 | | 9 | | 454 | | 12 | | 468 | 18 | 460 | 9 | 101.32 |
| QH-01-38 | | 141.55 | | | 215.14 | | 1.51988697 | | 0.10215 | | 0.00258 | | 3.21841 | | 0.07815 | | 0.22852 | | 0.0046 | | 0.08704 | | | 0.00287 | | 1664 | | | 20 | | 1327 | | 24 | | 1462 | | 19 | | 1687 | 53 | 1664 | 20 | 79.75 |
| QH-01-39 | | 141.34 | | | 82.77 | | 0.58560917 | | 0.06438 | | 0.00221 | | 1.13837 | | 0.03785 | | 0.12825 | | 0.00274 | | 0.0386 | | | 0.00137 | | 754 | | | 36 | | 778 | | 16 | | 772 | | 18 | | 766 | 27 | 778 | 16 | 100.78 |
| QH-01-40 | | 203.34 | | | 330.3 | | 1.62437297 | | 0.14489 | | 0.0035 | | 8.23846 | | 0.19144 | | 0.41241 | | 0.0082 | | 0.11398 | | | 0.00366 | | 2286 | | | 18 | | 2226 | | 37 | | 2258 | | 21 | | 2182 | 66 | 2286 | 18 | 97.38 |
| QH-01-41 | | 98.61 | | | 74.27 | | 0.75316905 | | 0.05935 | | 0.00246 | | 0.79733 | | 0.03213 | | 0.09745 | | 0.00214 | | 0.03245 | | | 0.00126 | | 580 | | | 50 | | 599 | | 13 | | 595 | | 18 | | 645 | 25 | 599 | 13 | 100.67 |
| QH-01-42 | | 33.67 | | | 37.48 | | 1.11315711 | | 0.11045 | | 0.00327 | | 4.73269 | | 0.13648 | | 0.31079 | | 0.00676 | | 0.08964 | | | 0.00355 | | 1807 | | | 25 | | 1745 | | 33 | | 1773 | | 24 | | 1735 | 66 | 1807 | 25 | 96.57 |
| QH-01-43 | | 56.17 | | | 68.02 | | 1.21096671 | | 0.0662 | | 0.00237 | | 1.20833 | | 0.04187 | | 0.1324 | | 0.00286 | | 0.0421 | | | 0.00176 | | 813 | | | 38 | | 802 | | 16 | | 804 | | 19 | | 834 | 34 | 802 | 16 | 99.75 |
| QH-01-44 | | 211.27 | | | 324.69 | | 1.53684858 | | 0.05757 | | 0.00167 | | 0.58677 | | 0.0164 | | 0.07393 | | 0.0015 | | 0.02442 | | | 0.00088 | | 513 | | | 29 | | 460 | | 9 | | 469 | | 10 | | 488 | 17 | 460 | 9 | 98.08 |
| QH-01-45 | | 139.7 | | | 212 | | 1.51753758 | | 0.12136 | | 0.00301 | | 6.04494 | | 0.14438 | | 0.36128 | | 0.00724 | | 0.11288 | | | 0.00376 | | 1976 | | | 19 | | 1988 | | 34 | | 1982 | | 21 | | 2162 | 68 | 1976 | 19 | 100.61 |
| QH-01-46 | | 14.4 | | | 144.89 | | 10.0618056 | | 0.06937 | | 0.00243 | | 0.79543 | | 0.02685 | | 0.08317 | | 0.00179 | | 0.08581 | | | 0.00479 | | 910 | | | 36 | | 515 | | 11 | | 594 | | 15 | | 1664 | 89 | 515 | 11 | 86.70 |
| QH-01-47 | | 220.79 | | | 277.75 | | 1.2579827 | | 0.05782 | | 0.00171 | | 0.60793 | | 0.01733 | | 0.07627 | | 0.00156 | | 0.0244 | | | 0.00088 | | 523 | | | 30 | | 474 | | 9 | | 482 | | 11 | | 487 | 17 | 474 | 9 | 98.34 |
| QH-01-48 | | 319.03 | | | 639.33 | | 2.00398082 | | 0.05491 | | 0.00148 | | 0.50274 | | 0.01299 | | 0.06641 | | 0.00133 | | 0.02044 | | | 0.00072 | | 409 | | | 27 | | 414 | | 8 | | 414 | | 9 | | 409 | 14 | 414 | 8 | 100.00 |
| QH-01-49 | | 82.44 | | | 102.81 | | 1.24708879 | | 0.05509 | | 0.00237 | | 0.52767 | | 0.02206 | | 0.06948 | | 0.00152 | | 0.02338 | | | 0.00103 | | 416 | | | 55 | | 433 | | 9 | | 430 | | 15 | | 467 | 20 | 433 | 9 | 100.70 |
| QH-01-50 | | 7.31 | | | 28.65 | | 3.91928865 | | 0.18596 | | 0.00507 | | 12.86686 | | 0.34499 | | 0.50186 | | 0.01103 | | 0.14374 | | | 0.00794 | | 2707 | | | 20 | | 2622 | | 47 | | 2670 | | 25 | | 2715 | 140 | 2707 | 20 | 96.86 |
| QH-01-51 | | 18.45 | | | 35.74 | | 1.93712737 | | 0.08261 | | 0.00594 | | 2.61298 | | 0.1772 | | 0.22941 | | 0.00546 | | 0.06836 | | | 0.00147 | | 1260 | | | 145 | | 1331 | | 29 | | 1304 | | 50 | | 1336 | 28 | 1260 | 145 | 105.63 |
| QH-01-52 | | 434.74 | | | 696.09 | | 1.60116391 | | 0.06534 | | 0.00166 | | 1.1717 | | 0.0286 | | 0.13008 | | 0.00259 | | 0.04117 | | | 0.00139 | | 785 | | | 23 | | 788 | | 15 | | 787 | | 13 | | 815 | 27 | 788 | 15 | 100.13 |
| QH-01-53 | | 107.59 | | | 179.51 | | 1.66846361 | | 0.09721 | | 0.00251 | | 3.74729 | | 0.09308 | | 0.2796 | | 0.00565 | | 0.08282 | | | 0.00292 | | 1571 | | | 21 | | 1589 | | 28 | | 1582 | | 20 | | 1608 | 55 | 1571 | 21 | 101.15 |
| ~~QH-01-54~~ | | ~~264.24~~ | | | ~~253.93~~ | | ~~0.96098244~~ | | ~~0.14553~~ | | ~~0.00365~~ | | ~~6.41618~~ | | ~~0.1548~~ | | ~~0.31979~~ | | ~~0.00643~~ | | ~~0.06294~~ | | | ~~0.00215~~ | | ~~2294~~ | | | ~~19~~ | | ~~1789~~ | | ~~31~~ | | ~~2034~~ | | ~~21~~ | | ~~1234~~ | ~~41~~ | ~~2294~~ | ~~19~~ | ~~77.99~~ |
| QH-01-55 | | 62.3 | | | 127.08 | | 2.03980738 | | 0.05583 | | 0.00282 | | 0.27009 | | 0.01322 | | 0.03509 | | 0.0008 | | 0.01085 | | | 0.00069 | | 446 | | | 69 | | 222 | | 5 | | 243 | | 11 | | 218 | 14 | 222 | 5 | 91.36 |
| QH-01-56 | | 47.48 | | | 59.55 | | 1.2542123 | | 0.06676 | | 0.00256 | | 1.20378 | | 0.04477 | | 0.13078 | | 0.00288 | | 0.04238 | | | 0.00189 | | 830 | | | 42 | | 792 | | 16 | | 802 | | 21 | | 839 | 37 | 792 | 16 | 98.75 |
| ~~QH-01-57~~ | | ~~55.31~~ | | | ~~33.06~~ | | ~~0.59772193~~ | | ~~0.85424~~ | | ~~0.02128~~ | | ~~273.70258~~ | | ~~7.0309~~ | | ~~2.32401~~ | | ~~0.05214~~ | | ~~2.91782~~ | | | ~~0.09933~~ | | ~~5015~~ | | | ~~16~~ | | ~~7743~~ | | ~~101~~ | | ~~5702~~ | | ~~26~~ | | ~~27601~~ | ~~512~~ | ~~5015~~ | ~~16~~ | ~~154.40~~ |
| QH-01-58 | | 26.08 | | | 68.14 | | 2.61273006 | | 0.19103 | | 0.00492 | | 13.21248 | | 0.33012 | | 0.50168 | | 0.01039 | | 0.13795 | | | 0.00568 | | 2751 | | | 19 | | 2621 | | 45 | | 2695 | | 24 | | 2612 | 101 | 2751 | 19 | 95.27 |
| QH-01-59 | | 67.73 | | | 131.22 | | 1.93739849 | | 0.08369 | | 0.00229 | | 2.5308 | | 0.06686 | | 0.21935 | | 0.00449 | | 0.06792 | | | 0.00259 | | 1285 | | | 24 | | 1278 | | 24 | | 1281 | | 19 | | 1328 | 49 | 1285 | 24 | 99.46 |
| QH-01-60 | | 123.74 | | | 237.7 | | 1.92096331 | | 0.05588 | | 0.00176 | | 0.54604 | | 0.01658 | | 0.07088 | | 0.00146 | | 0.02162 | | | 0.00089 | | 448 | | | 34 | | 441 | | 9 | | 442 | | 11 | | 432 | 18 | 441 | 9 | 99.77 |
| QH-01-61 | | 27.31 | | | 32.3 | | 1.18271695 | | 0.0924 | | 0.00317 | | 3.29566 | | 0.11003 | | 0.25871 | | 0.00581 | | 0.07908 | | | 0.00353 | | 1476 | | | 32 | | 1483 | | 30 | | 1480 | | 26 | | 1538 | 66 | 1476 | 32 | 100.47 |
| QH-01-62 | | 346.03 | | | 788.15 | | 2.27769269 | | 0.17664 | | 0.00439 | | 11.53715 | | 0.27548 | | 0.47374 | | 0.00942 | | 0.13356 | | | 0.00456 | | 2622 | | | 18 | | 2500 | | 41 | | 2568 | | 22 | | 2534 | 81 | 2622 | 18 | 95.35 |
| QH-01-63 | | 158.2 | | | 293.53 | | 1.85543616 | | 0.14493 | | 0.00584 | | 6.94865 | | 0.23895 | | 0.34774 | | 0.00731 | | 0.09782 | | | 0.00198 | | 2287 | | | 71 | | 1924 | | 35 | | 2105 | | 31 | | 1886 | 37 | 2287 | 71 | 84.13 |
| QH-01-64 | | 114.57 | | | 177.76 | | 1.55154054 | | 0.05365 | | 0.00226 | | 0.3212 | | 0.01313 | | 0.04343 | | 0.00094 | | 0.01408 | | | 0.00066 | | 356 | | | 54 | | 274 | | 6 | | 283 | | 10 | | 283 | 13 | 274 | 6 | 96.82 |
| QH-01-65 | | 411.55 | | | 529.37 | | 1.28628356 | | 0.05736 | | 0.0016 | | 0.55626 | | 0.01496 | | 0.07035 | | 0.00142 | | 0.02265 | | | 0.00082 | | 505 | | | 28 | | 438 | | 9 | | 449 | | 10 | | 453 | 16 | 438 | 9 | 97.55 |
| QH-01-66 | | 508.39 | | | 392.62 | | 0.77228112 | | 0.16912 | | 0.00425 | | 11.19225 | | 0.27039 | | 0.48002 | | 0.00959 | | 0.14078 | | | 0.00484 | | 2549 | | | 18 | | 2527 | | 42 | | 2539 | | 23 | | 2662 | 86 | 2549 | 18 | 99.14 |
| QH-01-67 | | 265.82 | | | 204.87 | | 0.7707095 | | 0.06486 | | 0.00188 | | 1.10629 | | 0.03093 | | 0.12372 | | 0.00254 | | 0.03935 | | | 0.00143 | | 770 | | | 28 | | 752 | | 15 | | 756 | | 15 | | 780 | 28 | 752 | 15 | 99.47 |
| QH-01-68 | | 34.7 | | | 186.82 | | 5.38386167 | | 0.12549 | | 0.00324 | | 6.23549 | | 0.15517 | | 0.3604 | | 0.00729 | | 0.14194 | | | 0.0056 | | 2036 | | | 20 | | 1984 | | 35 | | 2009 | | 22 | | 2683 | 99 | 2036 | 20 | 97.45 |
| QH-01-69 | | 11.53 | | | 30.05 | | 2.60624458 | | 0.06758 | | 0.00541 | | 0.57038 | | 0.04461 | | 0.06122 | | 0.00165 | | 0.01878 | | | 0.00232 | | 856 | | | 118 | | 383 | | 10 | | 458 | | 29 | | 376 | 46 | 383 | 10 | 83.62 |
| QH-01-70 | | 95.15 | | | 121.02 | | 1.2718865 | | 0.10541 | | 0.00284 | | 4.29025 | | 0.11142 | | 0.29523 | | 0.00606 | | 0.08491 | | | 0.00317 | | 1721 | | | 22 | | 1668 | | 30 | | 1691 | | 21 | | 1647 | 59 | 1721 | 22 | 96.92 |
| QH-01-71 | | 128.2 | | | 387 | | 3.01872075 | | 0.1958 | | 0.00671 | | 12.16075 | | 0.33549 | | 0.45046 | | 0.00917 | | 0.1231 | | | 0.00249 | | 2791 | | | 57 | | 2397 | | 41 | | 2617 | | 26 | | 2347 | 45 | 2791 | 57 | 85.88 |
| ~~QH-01-72~~ | | ~~77.39~~ | | | ~~54.38~~ | | ~~0.70267476~~ | | ~~0.09699~~ | | ~~0.00313~~ | | ~~2.61015~~ | | ~~0.08146~~ | | ~~0.19519~~ | | ~~0.00423~~ | | ~~0.06668~~ | | | ~~0.00261~~ | | ~~1567~~ | | | ~~29~~ | | ~~1149~~ | | ~~23~~ | | ~~1303~~ | | ~~23~~ | | ~~1305~~ | ~~49~~ | ~~1567~~ | ~~29~~ | ~~73.32~~ |
| QH-01-73 | | 223.76 | | | 264.35 | | 1.18139971 | | 0.16581 | | 0.00424 | | 10.64698 | | 0.2619 | | 0.46576 | | 0.00937 | | 0.13704 | | | 0.00488 | | 2516 | | | 19 | | 2465 | | 41 | | 2493 | | 23 | | 2596 | 87 | 2516 | 19 | 97.97 |
| QH-01-74 | | 182 | | | 128.76 | | 0.70747253 | | 0.06585 | | 0.00224 | | 0.85795 | | 0.02814 | | 0.0945 | | 0.00201 | | 0.03161 | | | 0.00123 | | 802 | | | 35 | | 582 | | 12 | | 629 | | 15 | | 629 | 24 | 582 | 12 | 92.53 |
| QH-01-75 | | 172.16 | | | 152.22 | | 0.88417751 | | 0.09778 | | 0.00264 | | 3.72866 | | 0.097 | | 0.27661 | | 0.00565 | | 0.08387 | | | 0.00307 | | 1582 | | | 22 | | 1574 | | 29 | | 1578 | | 21 | | 1628 | 57 | 1582 | 22 | 99.49 |
| QH-01-76 | | 174.06 | | | 307.42 | | 1.76617258 | | 0.11549 | | 0.003 | | 5.15449 | | 0.12864 | | 0.32374 | | 0.00652 | | 0.09812 | | | 0.00359 | | 1888 | | | 20 | | 1808 | | 32 | | 1845 | | 21 | | 1892 | 66 | 1888 | 20 | 95.76 |
| QH-01-77 | | 32.65 | | | 89.97 | | 2.75558959 | | 0.07666 | | 0.00242 | | 1.82678 | | 0.05575 | | 0.17284 | | 0.00366 | | 0.05425 | | | 0.0026 | | 1112 | | | 30 | | 1028 | | 20 | | 1055 | | 20 | | 1068 | 50 | 1112 | 30 | 92.45 |
| QH-01-78 | | 148.9 | | | 253.92 | | 1.70530557 | | 0.05287 | | 0.00204 | | 0.30275 | | 0.0113 | | 0.04154 | | 0.00088 | | 0.01387 | | | 0.00064 | | 323 | | | 48 | | 262 | | 5 | | 269 | | 9 | | 278 | 13 | 262 | 5 | 97.40 |
| QH-01-79 | | 226.87 | | | 280.75 | | 1.23749284 | | 0.10617 | | 0.00632 | | 4.37324 | | 0.24147 | | 0.29873 | | 0.00666 | | 0.0867 | | | 0.00176 | | 1735 | | | 112 | | 1685 | | 33 | | 1707 | | 46 | | 1681 | 33 | 1735 | 112 | 97.12 |
| QH-01-80 | | 50.91 | | | 52.93 | | 1.03967786 | | 0.0654 | | 0.00286 | | 1.09667 | | 0.04667 | | 0.12163 | | 0.00276 | | 0.03975 | | | 0.00186 | | 787 | | | 52 | | 740 | | 16 | | 752 | | 23 | | 788 | 36 | 740 | 16 | 98.40 |
| **QH-12** | |  | | |  | |  | |  | |  | |  | |  | |  | |  | |  | | |  | |  | | |  | |  | |  | |  | |  | |  |  |  |  |  |
| QH-12-01 | | 69.33 | | | 171.47 | | 2.47324391 | | 0.05385 | | 0.00183 | | 0.54584 | | 0.01797 | | 0.07351 | | 0.00153 | | 0.02267 | | | 0.00098 | | 365 | | | 39 | | 457 | | 9 | | 442 | | 12 | | 453 | 19 | 457 | 9 | 103.39 |
| QH-12-02 | | 67.81 | | | 77.53 | | 1.14334169 | | 0.0586 | | 0.00268 | | 0.60016 | | 0.02672 | | 0.07427 | | 0.00167 | | 0.02378 | | | 0.00099 | | 552 | | | 58 | | 462 | | 10 | | 477 | | 17 | | 475 | 20 | 462 | 10 | 96.86 |
| QH-12-03 | | 65.75 | | | 234.47 | | 3.56608365 | | 0.14552 | | 0.00323 | | 8.47645 | | 0.18235 | | 0.42244 | | 0.00837 | | 0.12438 | | | 0.00355 | | 2294 | | | 17 | | 2272 | | 38 | | 2283 | | 20 | | 2370 | 64 | 2294 | 17 | 99.04 |
| QH-12-04 | | 49.38 | | | 279.09 | | 5.65188335 | | 0.12117 | | 0.0027 | | 5.89782 | | 0.1275 | | 0.35299 | | 0.00699 | | 0.09893 | | | 0.0031 | | 1974 | | | 17 | | 1949 | | 33 | | 1961 | | 19 | | 1907 | 57 | 1974 | 17 | 98.73 |
| QH-12-05 | | 211.13 | | | 254.87 | | 1.20717094 | | 0.05601 | | 0.00221 | | 0.54411 | | 0.02087 | | 0.07045 | | 0.00152 | | 0.02265 | | | 0.00087 | | 453 | | | 48 | | 439 | | 9 | | 441 | | 14 | | 453 | 17 | 439 | 9 | 99.55 |
| QH-12-06 | | 584.15 | | | 486.56 | | 0.83293675 | | 0.05418 | | 0.00148 | | 0.50274 | | 0.01335 | | 0.06735 | | 0.00137 | | 0.0202 | | | 0.00062 | | 379 | | | 28 | | 420 | | 8 | | 414 | | 9 | | 404 | 12 | 420 | 8 | 101.45 |
| QH-12-07 | | 210.15 | | | 652 | | 3.1025458 | | 0.05736 | | 0.00148 | | 0.57202 | | 0.01434 | | 0.07237 | | 0.00147 | | 0.02318 | | | 0.00078 | | 505 | | | 25 | | 450 | | 9 | | 459 | | 9 | | 463 | 15 | 450 | 9 | 98.04 |
| QH-12-08 | | 98.96 | | | 403.25 | | 4.07487874 | | 0.11846 | | 0.00277 | | 5.8184 | | 0.13317 | | 0.35646 | | 0.00717 | | 0.10072 | | | 0.00315 | | 1933 | | | 18 | | 1965 | | 34 | | 1949 | | 20 | | 1940 | 58 | 1933 | 18 | 101.66 |
| QH-12-09 | | 85.14 | | | 1132.65 | | 13.3033827 | | 0.05616 | | 0.00142 | | 0.54253 | | 0.01338 | | 0.0701 | | 0.00142 | | 0.0237 | | | 0.00108 | | 459 | | | 25 | | 437 | | 9 | | 440 | | 9 | | 473 | 21 | 437 | 9 | 99.32 |
| QH-12-10 | | 156.48 | | | 191.66 | | 1.22482106 | | 0.05589 | | 0.00255 | | 0.30278 | | 0.01346 | | 0.03932 | | 0.00088 | | 0.01261 | | | 0.00055 | | 448 | | | 60 | | 249 | | 5 | | 269 | | 10 | | 253 | 11 | 249 | 5 | 92.57 |
| QH-12-11 | | 25.21 | | | 95.16 | | 3.77469258 | | 0.11216 | | 0.00272 | | 4.80194 | | 0.11331 | | 0.31049 | | 0.00633 | | 0.0888 | | | 0.00343 | | 1835 | | | 19 | | 1743 | | 31 | | 1785 | | 20 | | 1720 | 64 | 1835 | 19 | 94.99 |
| QH-12-12 | | 87.78 | | | 148.13 | | 1.68751424 | | 0.05631 | | 0.00218 | | 0.54721 | | 0.02071 | | 0.07048 | | 0.00149 | | 0.02214 | | | 0.00088 | | 465 | | | 48 | | 439 | | 9 | | 443 | | 14 | | 443 | 17 | 439 | 9 | 99.10 |
| QH-12-13 | | 57.85 | | | 190.56 | | 3.2940363 | | 0.05659 | | 0.00182 | | 0.55338 | | 0.01726 | | 0.07092 | | 0.00147 | | 0.02361 | | | 0.00103 | | 476 | | | 35 | | 442 | | 9 | | 447 | | 11 | | 472 | 20 | 442 | 9 | 98.88 |
| QH-12-14 | | 253.39 | | | 70.13 | | 0.27676704 | | 0.17366 | | 0.00402 | | 11.51923 | | 0.26111 | | 0.48105 | | 0.00985 | | 0.13647 | | | 0.00347 | | 2593 | | | 17 | | 2532 | | 43 | | 2566 | | 21 | | 2586 | 62 | 2593 | 17 | 97.65 |
| QH-12-15 | | 123.38 | | | 67.75 | | 0.54911655 | | 0.06781 | | 0.00241 | | 1.17756 | | 0.04063 | | 0.12594 | | 0.00272 | | 0.03831 | | | 0.00119 | | 863 | | | 38 | | 765 | | 16 | | 790 | | 19 | | 760 | 23 | 765 | 16 | 96.84 |
| QH-12-16 | | 93.77 | | | 184.84 | | 1.97120614 | | 0.05534 | | 0.00182 | | 0.5494 | | 0.01753 | | 0.07199 | | 0.00149 | | 0.0219 | | | 0.00085 | | 426 | | | 37 | | 448 | | 9 | | 445 | | 11 | | 438 | 17 | 448 | 9 | 100.67 |
| QH-12-17 | | 49.41 | | | 86.84 | | 1.75753896 | | 0.05624 | | 0.0025 | | 0.57805 | | 0.02504 | | 0.07454 | | 0.00165 | | 0.02494 | | | 0.00121 | | 462 | | | 57 | | 463 | | 10 | | 463 | | 16 | | 498 | 24 | 463 | 10 | 100.00 |
| QH-12-18 | | 83.28 | | | 189.87 | | 2.27989914 | | 0.05305 | | 0.00175 | | 0.51833 | | 0.0166 | | 0.07086 | | 0.00147 | | 0.02206 | | | 0.00089 | | 331 | | | 37 | | 441 | | 9 | | 424 | | 11 | | 441 | 18 | 441 | 9 | 104.01 |
| QH-12-19 | | 367.78 | | | 462.93 | | 1.25871445 | | 0.11454 | | 0.00253 | | 5.30634 | | 0.11324 | | 0.33597 | | 0.00661 | | 0.09669 | | | 0.00246 | | 1873 | | | 17 | | 1867 | | 32 | | 1870 | | 18 | | 1866 | 45 | 1873 | 17 | 99.68 |
| QH-12-20 | | 111.63 | | | 302.4 | | 2.70894921 | | 0.05067 | | 0.00183 | | 0.26169 | | 0.0092 | | 0.03745 | | 0.00078 | | 0.01248 | | | 0.00056 | | 226 | | | 44 | | 237 | | 5 | | 236 | | 7 | | 251 | 11 | 237 | 5 | 100.42 |
| QH-12-21 | | 157.24 | | | 321.6 | | 2.0452811 | | 0.05529 | | 0.00155 | | 0.53766 | | 0.01463 | | 0.07052 | | 0.00142 | | 0.02182 | | | 0.00073 | | 424 | | | 29 | | 439 | | 9 | | 437 | | 10 | | 436 | 14 | 439 | 9 | 100.46 |
| QH-12-22 | | 87.18 | | | 233.15 | | 2.67435192 | | 0.05675 | | 0.00166 | | 0.61831 | | 0.01746 | | 0.07901 | | 0.00161 | | 0.02335 | | | 0.00089 | | 482 | | | 30 | | 490 | | 10 | | 489 | | 11 | | 467 | 18 | 490 | 10 | 100.20 |
| QH-12-23 | | 230.43 | | | 462.22 | | 2.00590201 | | 0.09156 | | 0.00207 | | 2.64191 | | 0.05778 | | 0.20927 | | 0.00413 | | 0.08145 | | | 0.00216 | | 1458 | | | 19 | | 1225 | | 22 | | 1312 | | 16 | | 1583 | 40 | 1458 | 19 | 84.02 |
| QH-12-24 | | 191.25 | | | 250.79 | | 1.31132026 | | 0.06133 | | 0.0018 | | 0.57075 | | 0.01617 | | 0.0675 | | 0.00138 | | 0.02197 | | | 0.0007 | | 651 | | | 29 | | 421 | | 8 | | 458 | | 10 | | 439 | 14 | 421 | 8 | 91.92 |
| QH-12-25 | | 195.93 | | | 379.32 | | 1.93599755 | | 0.07414 | | 0.00183 | | 1.65656 | | 0.03964 | | 0.16204 | | 0.00325 | | 0.05339 | | | 0.00159 | | 1045 | | | 22 | | 968 | | 18 | | 992 | | 15 | | 1051 | 31 | 968 | 18 | 97.58 |
| QH-12-26 | | 107.87 | | | 93.39 | | 0.86576435 | | 0.05514 | | 0.00245 | | 0.52894 | | 0.0229 | | 0.06957 | | 0.00152 | | 0.02217 | | | 0.00081 | | 418 | | | 58 | | 434 | | 9 | | 431 | | 15 | | 443 | 16 | 434 | 9 | 100.70 |
| QH-12-27 | | 114.38 | | | 184.59 | | 1.61383109 | | 0.05832 | | 0.00185 | | 0.60468 | | 0.01858 | | 0.0752 | | 0.00156 | | 0.024 | | | 0.00086 | | 542 | | | 34 | | 467 | | 9 | | 480 | | 12 | | 479 | 17 | 467 | 9 | 97.29 |
| QH-12-28 | | 12.89 | | | 25.14 | | 1.95034911 | | 0.11989 | | 0.00358 | | 5.78032 | | 0.17 | | 0.34965 | | 0.00787 | | 0.10127 | | | 0.00462 | | 1955 | | | 25 | | 1933 | | 38 | | 1943 | | 25 | | 1950 | 85 | 1955 | 25 | 98.87 |
| QH-12-29 | | 70.45 | | | 153.31 | | 2.1761533 | | 0.05763 | | 0.00198 | | 0.56019 | | 0.01871 | | 0.0705 | | 0.00148 | | 0.02279 | | | 0.00095 | | 516 | | | 39 | | 439 | | 9 | | 452 | | 12 | | 455 | 19 | 439 | 9 | 97.12 |
| QH-12-30 | | 58.42 | | | 87.24 | | 1.4933242 | | 0.12943 | | 0.00305 | | 6.84362 | | 0.15701 | | 0.38347 | | 0.00779 | | 0.11225 | | | 0.00332 | | 2090 | | | 18 | | 2092 | | 36 | | 2091 | | 20 | | 2150 | 60 | 2090 | 18 | 100.10 |
| QH-12-31 | | 59.85 | | | 289.47 | | 4.83659148 | | 0.06985 | | 0.00169 | | 1.44611 | | 0.03387 | | 0.15015 | | 0.00299 | | 0.0482 | | | 0.00169 | | 924 | | | 22 | | 902 | | 17 | | 908 | | 14 | | 951 | 33 | 902 | 17 | 99.34 |
| QH-12-32 | | 268.33 | | | 260.77 | | 0.97182574 | | 0.06262 | | 0.00196 | | 0.56408 | | 0.01702 | | 0.06533 | | 0.00136 | | 0.02038 | | | 0.00066 | | 695 | | | 32 | | 408 | | 8 | | 454 | | 11 | | 408 | 13 | 408 | 8 | 89.87 |
| QH-12-33 | | 116.87 | | | 162.82 | | 1.3931719 | | 0.05718 | | 0.00193 | | 0.55405 | | 0.01815 | | 0.07028 | | 0.00147 | | 0.02238 | | | 0.0008 | | 498 | | | 38 | | 438 | | 9 | | 448 | | 12 | | 447 | 16 | 438 | 9 | 97.77 |
| QH-12-34 | | 26.52 | | | 44.55 | | 1.67986425 | | 0.05683 | | 0.00377 | | 0.55907 | | 0.03637 | | 0.07134 | | 0.00173 | | 0.02161 | | | 0.00146 | | 485 | | | 101 | | 444 | | 10 | | 451 | | 24 | | 432 | 29 | 444 | 10 | 98.45 |
| QH-12-35 | | 67.58 | | | 80.08 | | 1.18496597 | | 0.07215 | | 0.00225 | | 1.47379 | | 0.04468 | | 0.14813 | | 0.00313 | | 0.04473 | | | 0.00155 | | 990 | | | 30 | | 890 | | 18 | | 920 | | 18 | | 884 | 30 | 890 | 18 | 96.74 |
| QH-12-36 | | 164.49 | | | 121.38 | | 0.7379172 | | 0.12136 | | 0.00284 | | 5.93863 | | 0.13509 | | 0.35489 | | 0.00715 | | 0.09864 | | | 0.00267 | | 1976 | | | 18 | | 1958 | | 34 | | 1967 | | 20 | | 1901 | 49 | 1976 | 18 | 99.09 |
| QH-12-37 | | 27.26 | | | 38.87 | | 1.42589875 | | 0.06744 | | 0.00302 | | 1.21892 | | 0.05323 | | 0.13107 | | 0.00303 | | 0.04048 | | | 0.002 | | 851 | | | 53 | | 794 | | 17 | | 809 | | 24 | | 802 | 39 | 794 | 17 | 98.15 |
| QH-12-38 | | 30.01 | | | 76.34 | | 2.54381873 | | 0.09386 | | 0.0044 | | 2.78686 | | 0.11581 | | 0.21535 | | 0.00465 | | 0.0633 | | | 0.0013 | | 1505 | | | 91 | | 1257 | | 25 | | 1352 | | 31 | | 1241 | 25 | 1505 | 91 | 83.52 |
| QH-12-39 | | 7.59 | | | 10.47 | | 1.37944664 | | 0.11883 | | 0.0051 | | 5.13119 | | 0.21746 | | 0.31316 | | 0.00832 | | 0.09654 | | | 0.00584 | | 1939 | | | 40 | | 1756 | | 41 | | 1841 | | 36 | | 1863 | 108 | 1939 | 40 | 90.56 |
| QH-12-40 | | 141.88 | | | 124.78 | | 0.87947561 | | 0.06517 | | 0.00185 | | 1.3104 | | 0.03604 | | 0.14582 | | 0.00299 | | 0.04705 | | | 0.0014 | | 780 | | | 27 | | 877 | | 17 | | 850 | | 16 | | 929 | 27 | 877 | 17 | 103.18 |
| QH-12-41 | | 160.2 | | | 203.11 | | 1.26785268 | | 0.06777 | | 0.00176 | | 1.26165 | | 0.03171 | | 0.13501 | | 0.00272 | | 0.04152 | | | 0.00123 | | 862 | | | 24 | | 816 | | 15 | | 829 | | 14 | | 822 | 24 | 816 | 15 | 98.43 |
| QH-12-42 | | 163.28 | | | 242.7 | | 1.48640372 | | 0.05408 | | 0.00162 | | 0.5327 | | 0.01547 | | 0.07144 | | 0.00146 | | 0.02322 | | | 0.00076 | | 374 | | | 32 | | 445 | | 9 | | 434 | | 10 | | 464 | 15 | 445 | 9 | 102.53 |
| QH-12-43 | | 214.42 | | | 384.48 | | 1.79311631 | | 0.07219 | | 0.0017 | | 1.56332 | | 0.03558 | | 0.15705 | | 0.00311 | | 0.05265 | | | 0.00147 | | 991 | | | 21 | | 940 | | 17 | | 956 | | 14 | | 1037 | 28 | 940 | 17 | 98.33 |
| QH-12-44 | | 309.33 | | | 415.7 | | 1.34387224 | | 0.15492 | | 0.00343 | | 8.53203 | | 0.18265 | | 0.39942 | | 0.00785 | | 0.10369 | | | 0.00273 | | 2401 | | | 16 | | 2166 | | 36 | | 2289 | | 19 | | 1994 | 50 | 2401 | 16 | 90.21 |
| QH-12-45 | | 23.63 | | | 465.4 | | 19.6953026 | | 0.05583 | | 0.00185 | | 0.55913 | | 0.01495 | | 0.07264 | | 0.00141 | | 0.02262 | | | 0.00044 | | 446 | | | 75 | | 452 | | 8 | | 451 | | 10 | | 452 | 9 | 452 | 8 | 100.22 |
| QH-12-46 | | 36.77 | | | 60.45 | | 1.64400326 | | 0.06454 | | 0.00229 | | 1.31492 | | 0.04532 | | 0.14777 | | 0.00319 | | 0.04512 | | | 0.0019 | | 759 | | | 38 | | 888 | | 18 | | 852 | | 20 | | 892 | 37 | 888 | 18 | 104.23 |
| QH-12-47 | | 116.02 | | | 571.07 | | 4.92216859 | | 0.15839 | | 0.0035 | | 9.00122 | | 0.19193 | | 0.41215 | | 0.00808 | | 0.12139 | | | 0.00337 | | 2439 | | | 16 | | 2225 | | 37 | | 2338 | | 19 | | 2316 | 61 | 2439 | 16 | 91.23 |
| QH-12-48 | | 389.39 | | | 430.44 | | 1.1054213 | | 0.18024 | | 0.00398 | | 13.37027 | | 0.28562 | | 0.538 | | 0.01057 | | 0.11092 | | | 0.00292 | | 2655 | | | 16 | | 2775 | | 44 | | 2706 | | 20 | | 2126 | 53 | 2655 | 16 | 104.52 |
| QH-12-49 | | 170.56 | | | 557.13 | | 3.26647514 | | 0.05618 | | 0.00141 | | 0.59472 | | 0.01439 | | 0.07677 | | 0.00153 | | 0.02509 | | | 0.00081 | | 459 | | | 24 | | 477 | | 9 | | 474 | | 9 | | 501 | 16 | 477 | 9 | 100.63 |
| QH-12-50 | | 39.13 | | | 80.5 | | 2.05724508 | | 0.15252 | | 0.00358 | | 9.62302 | | 0.21983 | | 0.45759 | | 0.00931 | | 0.13026 | | | 0.00415 | | 2374 | | | 17 | | 2429 | | 41 | | 2399 | | 21 | | 2475 | 74 | 2374 | 17 | 102.32 |
| QH-12-51 | | 208.86 | | | 86.1 | | 0.41223786 | | 0.12221 | | 0.00296 | | 6.01933 | | 0.14148 | | 0.35721 | | 0.00728 | | 0.10405 | | | 0.00283 | | 1989 | | | 19 | | 1969 | | 35 | | 1979 | | 20 | | 2001 | 52 | 1989 | 19 | 98.99 |
| QH-12-52 | | 210.74 | | | 305.28 | | 1.44860966 | | 0.07212 | | 0.00173 | | 1.65017 | | 0.03831 | | 0.16596 | | 0.0033 | | 0.04998 | | | 0.00143 | | 989 | | | 21 | | 990 | | 18 | | 990 | | 15 | | 986 | 28 | 990 | 18 | 100.00 |
| QH-12-53 | | 32.4 | | | 78.95 | | 2.4367284 | | 0.15432 | | 0.00362 | | 9.69092 | | 0.22165 | | 0.45545 | | 0.00926 | | 0.13206 | | | 0.00434 | | 2394 | | | 17 | | 2419 | | 41 | | 2406 | | 21 | | 2507 | 77 | 2394 | 17 | 101.04 |
| QH-12-54 | | 108.76 | | | 93.32 | | 0.85803604 | | 0.05874 | | 0.00242 | | 0.58769 | | 0.02356 | | 0.07256 | | 0.00158 | | 0.02335 | | | 0.00086 | | 557 | | | 50 | | 452 | | 9 | | 469 | | 15 | | 467 | 17 | 452 | 9 | 96.38 |
| QH-12-55 | | 517.3 | | | 780.14 | | 1.50809975 | | 0.06604 | | 0.00152 | | 1.27773 | | 0.02837 | | 0.14033 | | 0.00276 | | 0.04335 | | | 0.00118 | | 808 | | | 21 | | 847 | | 16 | | 836 | | 13 | | 858 | 23 | 847 | 16 | 101.32 |
| QH-12-56 | | 68.68 | | | 486.61 | | 7.08517764 | | 0.15224 | | 0.00449 | | 8.94416 | | 0.19874 | | 0.4261 | | 0.00827 | | 0.1193 | | | 0.00232 | | 2371 | | | 51 | | 2288 | | 37 | | 2332 | | 20 | | 2278 | 42 | 2371 | 51 | 96.50 |
| QH-12-57 | | 232.3 | | | 457.1 | | 1.96771416 | | 0.06189 | | 0.00153 | | 0.8782 | | 0.02097 | | 0.10291 | | 0.00205 | | 0.03501 | | | 0.00104 | | 670 | | | 23 | | 631 | | 12 | | 640 | | 11 | | 696 | 20 | 631 | 12 | 98.59 |
| QH-12-58 | | 102.11 | | | 151.69 | | 1.48555479 | | 0.06687 | | 0.00184 | | 1.32108 | | 0.03507 | | 0.14329 | | 0.00292 | | 0.04472 | | | 0.00145 | | 834 | | | 26 | | 863 | | 16 | | 855 | | 15 | | 884 | 28 | 863 | 16 | 100.94 |
| QH-12-59 | | 162.61 | | | 280.92 | | 1.72756903 | | 0.05523 | | 0.00158 | | 0.57843 | | 0.01605 | | 0.07596 | | 0.00154 | | 0.02407 | | | 0.0008 | | 422 | | | 30 | | 472 | | 9 | | 463 | | 10 | | 481 | 16 | 472 | 9 | 101.94 |
| QH-12-60 | | 56.52 | | | 571.25 | | 10.1070418 | | 0.10994 | | 0.00247 | | 4.52401 | | 0.0981 | | 0.29843 | | 0.00586 | | 0.09007 | | | 0.00289 | | 1798 | | | 18 | | 1684 | | 29 | | 1735 | | 18 | | 1743 | 54 | 1798 | 18 | 93.66 |
| QH-12-61 | | 130.35 | | | 192.51 | | 1.47686997 | | 0.07191 | | 0.00183 | | 1.67608 | | 0.04131 | | 0.16904 | | 0.0034 | | 0.05213 | | | 0.0016 | | 983 | | | 23 | | 1007 | | 19 | | 999 | | 16 | | 1027 | 31 | 983 | 23 | 102.44 |
| QH-12-62 | | 109.98 | | | 206.53 | | 1.87788689 | | 0.05555 | | 0.00405 | | 0.58562 | | 0.04078 | | 0.07645 | | 0.00166 | | 0.02383 | | | 0.00045 | | 435 | | | 167 | | 475 | | 10 | | 468 | | 26 | | 476 | 9 | 475 | 10 | 101.50 |
| QH-12-63 | | 84.97 | | | 56.3 | | 0.6625868 | | 0.1438 | | 0.00354 | | 8.1283 | | 0.19515 | | 0.40996 | | 0.00849 | | 0.11682 | | | 0.00344 | | 2273 | | | 19 | | 2215 | | 39 | | 2245 | | 22 | | 2233 | 62 | 2273 | 19 | 97.45 |
| QH-12-64 | | 313.17 | | | 310.06 | | 0.99006929 | | 0.05735 | | 0.0016 | | 0.57233 | | 0.01541 | | 0.07237 | | 0.00146 | | 0.02258 | | | 0.00068 | | 505 | | | 28 | | 450 | | 9 | | 460 | | 10 | | 451 | 13 | 450 | 9 | 97.83 |
| QH-12-65 | | 11.5 | | | 44.28 | | 3.85043478 | | 0.13878 | | 0.00349 | | 8.90822 | | 0.21987 | | 0.46554 | | 0.0098 | | 0.1327 | | | 0.00595 | | 2212 | | | 19 | | 2464 | | 43 | | 2329 | | 23 | | 2519 | 106 | 2212 | 19 | 111.39 |
| QH-12-66 | | 173.37 | | | 242.17 | | 1.39683913 | | 0.10525 | | 0.00246 | | 4.02774 | | 0.09078 | | 0.27754 | | 0.00551 | | 0.08131 | | | 0.00233 | | 1719 | | | 18 | | 1579 | | 28 | | 1640 | | 18 | | 1580 | 44 | 1719 | 18 | 91.86 |
| QH-12-67 | | 173.63 | | | 206.74 | | 1.19069285 | | 0.05544 | | 0.00174 | | 0.56214 | | 0.01708 | | 0.07354 | | 0.00151 | | 0.02323 | | | 0.00078 | | 430 | | | 34 | | 457 | | 9 | | 453 | | 11 | | 464 | 15 | 457 | 9 | 100.88 |
| QH-12-68 | | 17.22 | | | 26.37 | | 1.53135889 | | 0.10969 | | 0.00342 | | 4.87082 | | 0.149 | | 0.32207 | | 0.00726 | | 0.09812 | | | 0.00424 | | 1794 | | | 27 | | 1800 | | 35 | | 1797 | | 26 | | 1892 | 78 | 1794 | 27 | 100.33 |
| QH-12-69 | | 144.62 | | | 218.62 | | 1.5116858 | | 0.07108 | | 0.00179 | | 1.71574 | | 0.04161 | | 0.17507 | | 0.00351 | | 0.04772 | | | 0.00147 | | 960 | | | 22 | | 1040 | | 19 | | 1014 | | 16 | | 942 | 28 | 960 | 22 | 108.33 |
| QH-12-70 | | 306.24 | | | 541.22 | | 1.76730669 | | 0.05632 | | 0.00149 | | 0.54559 | | 0.01393 | | 0.07026 | | 0.00141 | | 0.02252 | | | 0.00071 | | 465 | | | 26 | | 438 | | 8 | | 442 | | 9 | | 450 | 14 | 438 | 8 | 99.10 |
| QH-12-71 | | 62.74 | | | 109.26 | | 1.74147274 | | 0.14982 | | 0.00353 | | 8.77804 | | 0.20084 | | 0.42495 | | 0.00858 | | 0.12163 | | | 0.00378 | | 2344 | | | 17 | | 2283 | | 39 | | 2315 | | 21 | | 2320 | 68 | 2344 | 17 | 97.40 |
| QH-12-72 | | 56.44 | | | 68.48 | | 1.21332388 | | 0.15599 | | 0.007 | | 9.22457 | | 0.35871 | | 0.42888 | | 0.00962 | | 0.11979 | | | 0.00256 | | 2413 | | | 78 | | 2301 | | 43 | | 2361 | | 36 | | 2287 | 46 | 2413 | 78 | 95.36 |
| QH-12-73 | | 49.99 | | | 77.78 | | 1.55591118 | | 0.10839 | | 0.00276 | | 4.69939 | | 0.11622 | | 0.31447 | | 0.00648 | | 0.09188 | | | 0.00309 | | 1773 | | | 20 | | 1763 | | 32 | | 1767 | | 21 | | 1777 | 57 | 1773 | 20 | 99.44 |
| QH-12-74 | | 42.27 | | | 72.35 | | 1.7116158 | | 0.05551 | | 0.00269 | | 0.57778 | | 0.0273 | | 0.07549 | | 0.0017 | | 0.02168 | | | 0.0012 | | 433 | | | 65 | | 469 | | 10 | | 463 | | 18 | | 434 | 24 | 469 | 10 | 101.30 |
| QH-12-75 | | 87.47 | | | 110.02 | | 1.25780268 | | 0.05834 | | 0.00231 | | 0.59695 | | 0.02292 | | 0.07421 | | 0.0016 | | 0.0239 | | | 0.00096 | | 543 | | | 47 | | 461 | | 10 | | 475 | | 15 | | 477 | 19 | 461 | 10 | 97.05 |
| QH-12-76 | | 63 | | | 126.15 | | 2.00238095 | | 0.06883 | | 0.00199 | | 1.31327 | | 0.03676 | | 0.13839 | | 0.00285 | | 0.04391 | | | 0.00164 | | 894 | | | 28 | | 836 | | 16 | | 852 | | 16 | | 869 | 32 | 836 | 16 | 98.12 |
| QH-12-77 | | 100.37 | | | 380.6 | | 3.79196971 | | 0.0549 | | 0.00151 | | 0.54218 | | 0.01438 | | 0.07163 | | 0.00144 | | 0.02231 | | | 0.00087 | | 408 | | | 28 | | 446 | | 9 | | 440 | | 9 | | 446 | 17 | 446 | 9 | 101.36 |
| QH-12-78 | | 15.33 | | | 13.19 | | 0.86040444 | | 0.15145 | | 0.00489 | | 9.26459 | | 0.29885 | | 0.44369 | | 0.01091 | | 0.1276 | | | 0.00541 | | 2362 | | | 26 | | 2367 | | 49 | | 2365 | | 30 | | 2427 | 97 | 2362 | 26 | 100.21 |
| QH-12-79 | | 54.84 | | | 208.04 | | 3.79358133 | | 0.07127 | | 0.00184 | | 1.54014 | | 0.03838 | | 0.15674 | | 0.00316 | | 0.05057 | | | 0.0019 | | 965 | | | 23 | | 939 | | 18 | | 947 | | 15 | | 997 | 37 | 939 | 18 | 99.16 |
| QH-12-80 | | 107.36 | | | 242.18 | | 2.25577496 | | 0.05701 | | 0.00177 | | 0.54223 | | 0.01629 | | 0.06898 | | 0.00142 | | 0.02047 | | | 0.00082 | | 492 | | | 33 | | 430 | | 9 | | 440 | | 11 | | 410 | 16 | 430 | 9 | 97.73 |
| **QH-19** | |  | | |  | |  | |  | |  | |  | |  | |  | |  | |  | | |  | |  | | |  | |  | |  | |  | |  | |  |  |  |  |  |
| QH-19-01 | | 59.78 | | | 230.23 | | 3.85128806 | | 0.05502 | | 0.00171 | | 0.56004 | | 0.01698 | | 0.07388 | | 0.00154 | | 0.02156 | | | 0.00102 | | 413 | | | 34 | | 459 | | 9 | | 452 | | 11 | | 431 | 20 | 459 | 9 | 101.55 |
| QH-19-02 | | 29.08 | | | 301.44 | | 10.3658872 | | 0.05592 | | 0.00162 | | 0.58784 | | 0.01659 | | 0.0763 | | 0.00158 | | 0.03108 | | | 0.00171 | | 449 | | | 30 | | 474 | | 9 | | 469 | | 11 | | 619 | 34 | 474 | 9 | 101.07 |
| QH-19-03 | | 78.77 | | | 185.55 | | 2.35559223 | | 0.05774 | | 0.00187 | | 0.59648 | | 0.01881 | | 0.07498 | | 0.00158 | | 0.02363 | | | 0.00099 | | 520 | | | 35 | | 466 | | 9 | | 475 | | 12 | | 472 | 20 | 466 | 9 | 98.11 |
| QH-19-04 | | 146.28 | | | 55.94 | | 0.38241728 | | 0.1133 | | 0.00302 | | 5.36444 | | 0.14068 | | 0.34363 | | 0.00733 | | 0.09683 | | | 0.00293 | | 1853 | | | 22 | | 1904 | | 35 | | 1879 | | 22 | | 1868 | 54 | 1853 | 22 | 102.75 |
| QH-19-05 | | 429.79 | | | 310.31 | | 0.72200377 | | 0.05759 | | 0.00167 | | 0.56941 | | 0.01609 | | 0.07176 | | 0.00148 | | 0.02192 | | | 0.00068 | | 514 | | | 30 | | 447 | | 9 | | 458 | | 10 | | 438 | 13 | 447 | 9 | 97.60 |
| QH-19-06 | | 402.65 | | | 734.26 | | 1.82356886 | | 0.05258 | | 0.00188 | | 0.2919 | | 0.01011 | | 0.04026 | | 0.00086 | | 0.01275 | | | 0.00062 | | 311 | | | 42 | | 254 | | 5 | | 260 | | 8 | | 256 | 12 | 254 | 5 | 97.69 |
| QH-19-07 | | 77.42 | | | 116.16 | | 1.5003875 | | 0.07249 | | 0.00272 | | 1.37998 | | 0.05013 | | 0.13808 | | 0.00304 | | 0.04015 | | | 0.00207 | | 1000 | | | 40 | | 834 | | 17 | | 880 | | 21 | | 796 | 40 | 834 | 17 | 94.77 |
| QH-19-08 | | 104.53 | | | 149.69 | | 1.43202908 | | 0.06039 | | 0.00251 | | 0.59871 | | 0.02418 | | 0.07191 | | 0.0016 | | 0.02272 | | | 0.00121 | | 618 | | | 50 | | 448 | | 10 | | 476 | | 15 | | 454 | 24 | 448 | 10 | 94.12 |
| QH-19-09 | | 125.66 | | | 110.89 | | 0.88246061 | | 0.0507 | | 0.007 | | 0.49419 | | 0.06712 | | 0.0707 | | 0.00176 | | 0.02228 | | | 0.00058 | | 227 | | | 292 | | 440 | | 11 | | 408 | | 46 | | 445 | 12 | 440 | 11 | 107.84 |
| QH-19-10 | | 251.44 | | | 148.11 | | 0.58904709 | | 0.05847 | | 0.00252 | | 0.54993 | | 0.02304 | | 0.06821 | | 0.00153 | | 0.02028 | | | 0.001 | | 547 | | | 53 | | 425 | | 9 | | 445 | | 15 | | 406 | 20 | 425 | 9 | 95.51 |
| QH-19-11 | | 50.89 | | | 75.59 | | 1.48536058 | | 0.05548 | | 0.00303 | | 0.54231 | | 0.02895 | | 0.07094 | | 0.0017 | | 0.02125 | | | 0.00122 | | 432 | | | 76 | | 442 | | 10 | | 440 | | 19 | | 425 | 24 | 442 | 10 | 100.45 |
| QH-19-12 | | 85.73 | | | 153.16 | | 1.78653913 | | 0.06819 | | 0.0025 | | 0.76685 | | 0.02726 | | 0.08161 | | 0.0018 | | 0.02566 | | | 0.00118 | | 874 | | | 39 | | 506 | | 11 | | 578 | | 16 | | 512 | 23 | 506 | 11 | 87.54 |
| QH-19-13 | | 108.61 | | | 254.9 | | 2.34692938 | | 0.05709 | | 0.00179 | | 0.55507 | | 0.01698 | | 0.07056 | | 0.00148 | | 0.02176 | | | 0.00088 | | 495 | | | 34 | | 440 | | 9 | | 448 | | 11 | | 435 | 17 | 440 | 9 | 98.21 |
| QH-19-14 | | 73.31 | | | 245.28 | | 3.34579184 | | 0.05486 | | 0.00175 | | 0.52631 | | 0.01636 | | 0.06962 | | 0.00146 | | 0.02252 | | | 0.00101 | | 407 | | | 35 | | 434 | | 9 | | 429 | | 11 | | 450 | 20 | 434 | 9 | 101.17 |
| QH-19-15 | | 46 | | | 288.11 | | 6.26326087 | | 0.05706 | | 0.0017 | | 0.58159 | | 0.01685 | | 0.07397 | | 0.00153 | | 0.02269 | | | 0.00122 | | 494 | | | 31 | | 460 | | 9 | | 465 | | 11 | | 453 | 24 | 460 | 9 | 98.92 |
| QH-19-16 | | 128.93 | | | 427.65 | | 3.31691616 | | 0.05494 | | 0.00153 | | 0.5415 | | 0.01471 | | 0.07153 | | 0.00146 | | 0.02197 | | | 0.00084 | | 410 | | | 29 | | 445 | | 9 | | 439 | | 10 | | 439 | 17 | 445 | 9 | 101.37 |
| QH-19-17 | | 101.39 | | | 349.6 | | 3.4480718 | | 0.05477 | | 0.00158 | | 0.54306 | | 0.01522 | | 0.07196 | | 0.00148 | | 0.02108 | | | 0.00087 | | 403 | | | 30 | | 448 | | 9 | | 440 | | 10 | | 422 | 17 | 448 | 9 | 101.82 |
| QH-19-18 | | 229.4 | | | 400.87 | | 1.74747167 | | 0.12342 | | 0.003 | | 5.41579 | | 0.12869 | | 0.31843 | | 0.00646 | | 0.09482 | | | 0.00299 | | 2006 | | | 19 | | 1782 | | 32 | | 1887 | | 20 | | 1831 | 55 | 2006 | 19 | 88.83 |
| QH-19-19 | | 122.49 | | | 89.79 | | 0.73303943 | | 0.0592 | | 0.00285 | | 0.57284 | | 0.02688 | | 0.07022 | | 0.00161 | | 0.02241 | | | 0.0009 | | 574 | | | 63 | | 437 | | 10 | | 460 | | 17 | | 448 | 18 | 437 | 10 | 95.00 |
| QH-19-20 | | 108.22 | | | 149.58 | | 1.38218444 | | 0.14842 | | 0.00361 | | 9.10274 | | 0.21703 | | 0.44503 | | 0.00908 | | 0.12339 | | | 0.00389 | | 2328 | | | 18 | | 2373 | | 41 | | 2348 | | 22 | | 2352 | 70 | 2328 | 18 | 101.93 |
| QH-19-21 | | 222.29 | | | 248.92 | | 1.11979846 | | 0.0606 | | 0.00188 | | 0.60092 | | 0.01815 | | 0.07195 | | 0.0015 | | 0.0241 | | | 0.00084 | | 625 | | | 32 | | 448 | | 9 | | 478 | | 12 | | 481 | 17 | 448 | 9 | 93.72 |
| QH-19-22 | | 73.03 | | | 90.31 | | 1.23661509 | | 0.05562 | | 0.00247 | | 0.59319 | | 0.02571 | | 0.07738 | | 0.00173 | | 0.02265 | | | 0.00102 | | 437 | | | 57 | | 480 | | 10 | | 473 | | 16 | | 453 | 20 | 480 | 10 | 101.48 |
| QH-19-23 | | 145.61 | | | 315.47 | | 2.16654076 | | 0.05737 | | 0.0017 | | 0.58191 | | 0.01678 | | 0.0736 | | 0.00152 | | 0.02232 | | | 0.00085 | | 506 | | | 31 | | 458 | | 9 | | 466 | | 11 | | 446 | 17 | 458 | 9 | 98.28 |
| QH-19-24 | | 398.96 | | | 177.98 | | 0.44610989 | | 0.15605 | | 0.00386 | | 8.85472 | | 0.21422 | | 0.41172 | | 0.00841 | | 0.06184 | | | 0.00194 | | 2413 | | | 18 | | 2223 | | 38 | | 2323 | | 22 | | 1213 | 37 | 2413 | 18 | 92.13 |
| QH-19-25 | | 122.23 | | | 213.3 | | 1.74507077 | | 0.05739 | | 0.00217 | | 0.57853 | | 0.02122 | | 0.07314 | | 0.0016 | | 0.02059 | | | 0.00098 | | 507 | | | 44 | | 455 | | 10 | | 464 | | 14 | | 412 | 19 | 455 | 10 | 98.06 |
| QH-19-26 | | 362.8 | | | 386.24 | | 1.0646086 | | 0.07417 | | 0.00191 | | 1.61579 | | 0.04049 | | 0.15806 | | 0.00321 | | 0.04209 | | | 0.00136 | | 1046 | | | 23 | | 946 | | 18 | | 976 | | 16 | | 833 | 26 | 946 | 18 | 96.93 |
| QH-19-27 | | 156.5 | | | 221.61 | | 1.41603834 | | 0.05548 | | 0.00183 | | 0.53882 | | 0.0173 | | 0.07047 | | 0.00148 | | 0.02121 | | | 0.00081 | | 432 | | | 37 | | 439 | | 9 | | 438 | | 11 | | 424 | 16 | 439 | 9 | 100.23 |
| QH-19-28 | | 85.68 | | | 261.58 | | 3.05298786 | | 0.05615 | | 0.00173 | | 0.5804 | | 0.01738 | | 0.075 | | 0.00156 | | 0.02451 | | | 0.00103 | | 458 | | | 33 | | 466 | | 9 | | 465 | | 11 | | 489 | 20 | 466 | 9 | 100.22 |
| QH-19-29 | | 204.74 | | | 131.16 | | 0.64061737 | | 0.06532 | | 0.00271 | | 0.61017 | | 0.02454 | | 0.06777 | | 0.00154 | | 0.0216 | | | 0.00085 | | 785 | | | 48 | | 423 | | 9 | | 484 | | 15 | | 432 | 17 | 423 | 9 | 87.40 |
| QH-19-30 | | 155.79 | | | 169.6 | | 1.08864497 | | 0.05699 | | 0.00201 | | 0.54323 | | 0.01861 | | 0.06916 | | 0.00147 | | 0.02126 | | | 0.00081 | | 491 | | | 40 | | 431 | | 9 | | 441 | | 12 | | 425 | 16 | 431 | 9 | 97.73 |
| QH-19-31 | | 118.04 | | | 262.79 | | 2.22627923 | | 0.05717 | | 0.00179 | | 0.55904 | | 0.01706 | | 0.07095 | | 0.00148 | | 0.02246 | | | 0.00091 | | 498 | | | 33 | | 442 | | 9 | | 451 | | 11 | | 449 | 18 | 442 | 9 | 98.00 |
| QH-19-32 | | 124.45 | | | 256.27 | | 2.05922057 | | 0.05709 | | 0.00182 | | 0.55007 | | 0.01709 | | 0.06991 | | 0.00146 | | 0.02213 | | | 0.0009 | | 495 | | | 34 | | 436 | | 9 | | 445 | | 11 | | 442 | 18 | 436 | 9 | 97.98 |
| QH-19-33 | | 29.2 | | | 94.55 | | 3.2380137 | | 0.16301 | | 0.00582 | | 9.3588 | | 0.27025 | | 0.4164 | | 0.00874 | | 0.11581 | | | 0.00239 | | 2487 | | | 62 | | 2244 | | 40 | | 2374 | | 26 | | 2215 | 43 | 2487 | 62 | 90.23 |
| QH-19-34 | | 108.83 | | | 324.1 | | 2.97803914 | | 0.05844 | | 0.00174 | | 0.58953 | | 0.01707 | | 0.07319 | | 0.00151 | | 0.02164 | | | 0.00091 | | 546 | | | 31 | | 455 | | 9 | | 471 | | 11 | | 433 | 18 | 455 | 9 | 96.60 |
| QH-19-35 | | 72.98 | | | 148 | | 2.02795286 | | 0.0581 | | 0.00211 | | 0.58692 | | 0.02076 | | 0.07328 | | 0.00157 | | 0.02355 | | | 0.00106 | | 534 | | | 42 | | 456 | | 9 | | 469 | | 13 | | 470 | 21 | 456 | 9 | 97.23 |
| QH-19-36 | | 116.29 | | | 273.81 | | 2.35454467 | | 0.05905 | | 0.00183 | | 0.58347 | | 0.0176 | | 0.07169 | | 0.00149 | | 0.02309 | | | 0.00095 | | 569 | | | 33 | | 446 | | 9 | | 467 | | 11 | | 461 | 19 | 446 | 9 | 95.50 |
| QH-19-37 | | 161.24 | | | 175.39 | | 1.08775738 | | 0.05849 | | 0.00202 | | 0.58325 | | 0.01959 | | 0.07235 | | 0.00154 | | 0.02173 | | | 0.00084 | | 548 | | | 38 | | 450 | | 9 | | 467 | | 13 | | 435 | 17 | 450 | 9 | 96.36 |
| QH-19-38 | | 67.28 | | | 134.65 | | 2.00133769 | | 0.05794 | | 0.00218 | | 0.55303 | | 0.02025 | | 0.06925 | | 0.0015 | | 0.02162 | | | 0.00103 | | 527 | | | 44 | | 432 | | 9 | | 447 | | 13 | | 432 | 20 | 432 | 9 | 96.64 |
| QH-19-39 | | 237.06 | | | 806.34 | | 3.40141736 | | 0.05675 | | 0.00155 | | 0.54909 | | 0.01456 | | 0.0702 | | 0.00143 | | 0.02165 | | | 0.0008 | | 482 | | | 27 | | 437 | | 9 | | 444 | | 10 | | 433 | 16 | 437 | 9 | 98.42 |
| QH-19-40 | | 100.94 | | | 495.21 | | 4.90598375 | | 0.0607 | | 0.00167 | | 0.81863 | | 0.02195 | | 0.09784 | | 0.002 | | 0.03533 | | | 0.00139 | | 629 | | | 27 | | 602 | | 12 | | 607 | | 12 | | 702 | 27 | 602 | 12 | 99.18 |
| QH-19-41 | | 57.59 | | | 371.64 | | 6.45320368 | | 0.05609 | | 0.00168 | | 0.59477 | | 0.01736 | | 0.07692 | | 0.00159 | | 0.03577 | | | 0.00159 | | 456 | | | 32 | | 478 | | 10 | | 474 | | 11 | | 710 | 31 | 478 | 10 | 100.84 |
| QH-19-42 | | 59.28 | | | 70.27 | | 1.18539136 | | 0.07072 | | 0.00305 | | 1.17562 | | 0.04923 | | 0.12059 | | 0.00282 | | 0.03826 | | | 0.00187 | | 949 | | | 49 | | 734 | | 16 | | 789 | | 23 | | 759 | 36 | 734 | 16 | 93.03 |
| QH-19-43 | | 60.66 | | | 167.61 | | 2.76310584 | | 0.07221 | | 0.00226 | | 1.81712 | | 0.05548 | | 0.18255 | | 0.00389 | | 0.0495 | | | 0.00234 | | 992 | | | 31 | | 1081 | | 21 | | 1052 | | 20 | | 977 | 45 | 992 | 31 | 108.97 |
| QH-19-44 | | 83.08 | | | 202.92 | | 2.44246509 | | 0.05686 | | 0.00195 | | 0.56551 | | 0.01881 | | 0.07215 | | 0.00153 | | 0.02309 | | | 0.00105 | | 486 | | | 38 | | 449 | | 9 | | 455 | | 12 | | 461 | 21 | 449 | 9 | 98.68 |
| QH-19-45 | | 57.69 | | | 154.45 | | 2.67724042 | | 0.05533 | | 0.00438 | | 0.5684 | | 0.04304 | | 0.0745 | | 0.0017 | | 0.02323 | | | 0.00046 | | 426 | | | 182 | | 463 | | 10 | | 457 | | 28 | | 464 | 9 | 463 | 10 | 101.31 |
| QH-19-46 | | 65.16 | | | 153.48 | | 2.35543278 | | 0.05496 | | 0.00208 | | 0.54743 | | 0.02014 | | 0.07226 | | 0.00156 | | 0.02198 | | | 0.00109 | | 411 | | | 45 | | 450 | | 9 | | 443 | | 13 | | 439 | 22 | 450 | 9 | 101.58 |
| QH-19-47 | | 58.22 | | | 233.44 | | 4.00961869 | | 0.05599 | | 0.00198 | | 0.55508 | | 0.0191 | | 0.07191 | | 0.00153 | | 0.02101 | | | 0.00119 | | 452 | | | 41 | | 448 | | 9 | | 448 | | 12 | | 420 | 24 | 448 | 9 | 100.00 |
| QH-19-48 | | 106.44 | | | 264.24 | | 2.48252537 | | 0.05769 | | 0.00188 | | 0.56905 | | 0.01798 | | 0.07155 | | 0.0015 | | 0.02235 | | | 0.00098 | | 518 | | | 35 | | 445 | | 9 | | 457 | | 12 | | 447 | 19 | 445 | 9 | 97.37 |
| QH-19-49 | | 236.53 | | | 243.8 | | 1.03073606 | | 0.06741 | | 0.00212 | | 1.11021 | | 0.0339 | | 0.11946 | | 0.00252 | | 0.03602 | | | 0.00141 | | 850 | | | 31 | | 727 | | 15 | | 758 | | 16 | | 715 | 28 | 727 | 15 | 95.91 |
| QH-19-50 | | 152.61 | | | 191.18 | | 1.25273573 | | 0.05964 | | 0.00245 | | 0.52876 | | 0.02106 | | 0.06431 | | 0.00144 | | 0.02017 | | | 0.00095 | | 591 | | | 49 | | 402 | | 9 | | 431 | | 14 | | 404 | 19 | 402 | 9 | 93.27 |
| QH-19-51 | | 94.71 | | | 138.09 | | 1.45802978 | | 0.05574 | | 0.00221 | | 0.55092 | | 0.02127 | | 0.07169 | | 0.00156 | | 0.02379 | | | 0.00108 | | 442 | | | 48 | | 446 | | 9 | | 446 | | 14 | | 475 | 21 | 446 | 9 | 100.00 |
| QH-19-52 | | 86.65 | | | 223.6 | | 2.58049625 | | 0.05623 | | 0.00198 | | 0.53985 | | 0.01844 | | 0.06964 | | 0.00148 | | 0.02278 | | | 0.00108 | | 461 | | | 40 | | 434 | | 9 | | 438 | | 12 | | 455 | 21 | 434 | 9 | 99.09 |
| QH-19-53 | | 76.7 | | | 137.77 | | 1.79621904 | | 0.0548 | | 0.00225 | | 0.53955 | | 0.02159 | | 0.07142 | | 0.00156 | | 0.02281 | | | 0.00112 | | 404 | | | 51 | | 445 | | 9 | | 438 | | 14 | | 456 | 22 | 445 | 9 | 101.60 |
| QH-19-54 | | 49.32 | | | 66.19 | | 1.34205191 | | 0.18039 | | 0.00515 | | 12.7491 | | 0.35629 | | 0.51266 | | 0.01091 | | 0.13916 | | | 0.0056 | | 2656 | | | 22 | | 2668 | | 46 | | 2661 | | 26 | | 2633 | 99 | 2656 | 22 | 100.45 |
| QH-19-55 | | 108.4 | | | 258.97 | | 2.38902214 | | 0.05447 | | 0.00186 | | 0.5662 | | 0.01883 | | 0.07539 | | 0.00159 | | 0.02228 | | | 0.00103 | | 391 | | | 39 | | 469 | | 10 | | 456 | | 12 | | 445 | 20 | 469 | 10 | 102.85 |
| QH-19-56 | | 59.7 | | | 153.74 | | 2.57520938 | | 0.05866 | | 0.00225 | | 0.55972 | | 0.0209 | | 0.06921 | | 0.0015 | | 0.02268 | | | 0.00119 | | 555 | | | 45 | | 431 | | 9 | | 451 | | 14 | | 453 | 24 | 431 | 9 | 95.57 |
| QH-19-57 | | 91.93 | | | 192.53 | | 2.09431089 | | 0.12293 | | 0.00349 | | 6.12227 | | 0.16933 | | 0.36124 | | 0.00748 | | 0.10617 | | | 0.00422 | | 1999 | | | 23 | | 1988 | | 35 | | 1993 | | 24 | | 2039 | 77 | 1999 | 23 | 99.45 |
| QH-19-58 | | 95.48 | | | 174.69 | | 1.82959782 | | 0.05614 | | 0.00207 | | 0.56453 | | 0.02026 | | 0.07294 | | 0.00157 | | 0.02122 | | | 0.00101 | | 458 | | | 43 | | 454 | | 9 | | 454 | | 13 | | 424 | 20 | 454 | 9 | 100.00 |
| QH-19-59 | | 646.95 | | | 828.25 | | 1.28023804 | | 0.06438 | | 0.00187 | | 0.91597 | | 0.02579 | | 0.10319 | | 0.00212 | | 0.03703 | | | 0.00143 | | 754 | | | 28 | | 633 | | 12 | | 660 | | 14 | | 735 | 28 | 633 | 12 | 95.91 |
| QH-19-60 | | 146.37 | | | 227.8 | | 1.55632985 | | 0.05789 | | 0.00201 | | 0.58557 | | 0.01976 | | 0.07337 | | 0.00156 | | 0.02259 | | | 0.001 | | 526 | | | 39 | | 456 | | 9 | | 468 | | 13 | | 452 | 20 | 456 | 9 | 97.44 |
| QH-19-61 | | 67.78 | | | 131.56 | | 1.94098554 | | 0.05656 | | 0.00233 | | 0.55945 | | 0.02237 | | 0.07175 | | 0.00158 | | 0.02247 | | | 0.00117 | | 474 | | | 51 | | 447 | | 10 | | 451 | | 15 | | 449 | 23 | 447 | 10 | 99.11 |
| QH-19-62 | | 53.18 | | | 117.29 | | 2.20552839 | | 0.06071 | | 0.00298 | | 0.6082 | | 0.02905 | | 0.07267 | | 0.0017 | | 0.02585 | | | 0.00158 | | 629 | | | 63 | | 452 | | 10 | | 482 | | 18 | | 516 | 31 | 452 | 10 | 93.78 |
| QH-19-63 | | 121.24 | | | 285.95 | | 2.35854503 | | 0.05686 | | 0.00197 | | 0.55576 | | 0.01865 | | 0.0709 | | 0.0015 | | 0.02167 | | | 0.00102 | | 486 | | | 39 | | 442 | | 9 | | 449 | | 12 | | 433 | 20 | 442 | 9 | 98.44 |
| QH-19-64 | | 57.25 | | | 340.91 | | 5.95475983 | | 0.16166 | | 0.00471 | | 9.61177 | | 0.27223 | | 0.43124 | | 0.00891 | | 0.12334 | | | 0.00528 | | 2473 | | | 23 | | 2311 | | 40 | | 2398 | | 26 | | 2351 | 95 | 2473 | 23 | 93.45 |
| QH-19-65 | | 151.44 | | | 298.51 | | 1.97114369 | | 0.05617 | | 0.00192 | | 0.54883 | | 0.01817 | | 0.07087 | | 0.0015 | | 0.02271 | | | 0.00103 | | 459 | | | 38 | | 441 | | 9 | | 444 | | 12 | | 454 | 20 | 441 | 9 | 99.32 |
| QH-19-66 | | 102 | | | 206.24 | | 2.02196078 | | 0.05519 | | 0.00207 | | 0.53907 | | 0.01961 | | 0.07084 | | 0.00153 | | 0.02073 | | | 0.00103 | | 420 | | | 44 | | 441 | | 9 | | 438 | | 13 | | 415 | 20 | 441 | 9 | 100.68 |
| QH-19-67 | | 106.53 | | | 167.23 | | 1.56979255 | | 0.05986 | | 0.00227 | | 0.59051 | | 0.02174 | | 0.07155 | | 0.00156 | | 0.02261 | | | 0.00109 | | 599 | | | 44 | | 445 | | 9 | | 471 | | 14 | | 452 | 22 | 445 | 9 | 94.48 |
| QH-19-68 | | 101.18 | | | 141.26 | | 1.39612572 | | 0.06038 | | 0.00243 | | 0.59131 | | 0.0231 | | 0.07103 | | 0.00156 | | 0.0226 | | | 0.00111 | | 617 | | | 48 | | 442 | | 9 | | 472 | | 15 | | 452 | 22 | 442 | 9 | 93.64 |
| QH-19-69 | | 42.3 | | | 88.73 | | 2.09763593 | | 0.05987 | | 0.00285 | | 0.58629 | | 0.02713 | | 0.07103 | | 0.00163 | | 0.02288 | | | 0.00138 | | 599 | | | 61 | | 442 | | 10 | | 468 | | 17 | | 457 | 27 | 442 | 10 | 94.44 |
| QH-19-70 | | 114.52 | | | 233.22 | | 2.03650017 | | 0.05744 | | 0.00208 | | 0.5696 | | 0.02001 | | 0.07192 | | 0.00154 | | 0.02188 | | | 0.00106 | | 508 | | | 41 | | 448 | | 9 | | 458 | | 13 | | 437 | 21 | 448 | 9 | 97.82 |
| QH-19-71 | | 127.33 | | | 274.21 | | 2.15353805 | | 0.05686 | | 0.00202 | | 0.54986 | | 0.01896 | | 0.07013 | | 0.0015 | | 0.02219 | | | 0.00107 | | 486 | | | 40 | | 437 | | 9 | | 445 | | 12 | | 444 | 21 | 437 | 9 | 98.20 |
| QH-19-72 | | 475.55 | | | 191.84 | | 0.40340658 | | 0.06382 | | 0.00255 | | 0.61482 | | 0.02381 | | 0.06987 | | 0.00156 | | 0.02137 | | | 0.00096 | | 736 | | | 46 | | 435 | | 9 | | 487 | | 15 | | 427 | 19 | 435 | 9 | 89.32 |
| QH-19-73 | | 89.89 | | | 160.66 | | 1.78729558 | | 0.06054 | | 0.00242 | | 0.59504 | | 0.02311 | | 0.07129 | | 0.00157 | | 0.02148 | | | 0.00114 | | 623 | | | 47 | | 444 | | 9 | | 474 | | 15 | | 430 | 23 | 444 | 9 | 93.67 |
| QH-19-74 | | 163.91 | | | 453.54 | | 2.76700628 | | 0.05975 | | 0.00199 | | 0.66022 | | 0.02129 | | 0.08015 | | 0.00169 | | 0.02389 | | | 0.00114 | | 595 | | | 36 | | 497 | | 10 | | 515 | | 13 | | 477 | 23 | 497 | 10 | 96.50 |
| QH-19-75 | | 12.28 | | | 71.58 | | 5.82899023 | | 0.14747 | | 0.00471 | | 8.95504 | | 0.2789 | | 0.44041 | | 0.00951 | | 0.12427 | | | 0.00695 | | 2317 | | | 26 | | 2352 | | 43 | | 2333 | | 28 | | 2368 | 125 | 2317 | 26 | 101.51 |
| QH-19-76 | | 112.33 | | | 244.73 | | 2.17866999 | | 0.05782 | | 0.00214 | | 0.54934 | | 0.01973 | | 0.06891 | | 0.00149 | | 0.02133 | | | 0.00108 | | 523 | | | 43 | | 430 | | 9 | | 445 | | 13 | | 427 | 21 | 430 | 9 | 96.63 |
| QH-19-77 | | 54.71 | | | 247.52 | | 4.52421861 | | 0.15713 | | 0.00491 | | 9.63252 | | 0.29235 | | 0.44463 | | 0.00933 | | 0.12829 | | | 0.00594 | | 2425 | | | 25 | | 2371 | | 42 | | 2400 | | 28 | | 2440 | 106 | 2425 | 25 | 97.77 |
| QH-19-78 | | 47.07 | | | 96.1 | | 2.04164011 | | 0.17359 | | 0.00562 | | 9.49613 | | 0.29951 | | 0.39676 | | 0.00862 | | 0.11165 | | | 0.00544 | | 2593 | | | 26 | | 2154 | | 40 | | 2387 | | 29 | | 2139 | 99 | 2593 | 26 | 83.07 |
| QH-19-79 | | 116.39 | | | 494.23 | | 4.246327 | | 0.07185 | | 0.00238 | | 1.02508 | | 0.03288 | | 0.10348 | | 0.00219 | | 0.03322 | | | 0.00165 | | 982 | | | 33 | | 635 | | 13 | | 716 | | 16 | | 661 | 32 | 635 | 13 | 88.69 |
| QH-19-80 | | 67.65 | | | 69.68 | | 1.03000739 | | 0.06037 | | 0.00328 | | 0.60097 | | 0.03178 | | 0.07219 | | 0.00172 | | 0.0226 | | | 0.00128 | | 617 | | | 73 | | 449 | | 10 | | 478 | | 20 | | 452 | 25 | 449 | 10 | 93.93 |
|  | |  | | |  | |  | |  | |  | |  | |  | |  | |  | |  | | |  | |  | | |  | |  | |  | |  | |  | |  |  |  |  |  |
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| Externa lstandards | | | | | | | | | | | | | | | | | | |  | |  | | |  | |  | | |  | |  | |  | |  | |  | |  |  |  |  |  |
|  | |  | | |  | |  | |  | |  | |  | |  | |  | |  | |  | | |  | |  | | |  | |  | |  | |  | |  | |  |  |  |  |  |
|  | | Th232 | U238 | | 238U/232Th | | corrected ratios | | | | | | | | | | | | | | | age | | | | | | | | | | | | | | |
| Analysis | | *207Pb/206Pb* | | ±1σ | | *207Pb/235U* | | ±1σ | | *206Pb/238U* | | ±1σ | | *208Pb/232Th* | | ±1σ | *207Pb/206Pb* | | ±1σ | | *206Pb/238U* | ±1σ | | *207Pb/235U* | | ±1σ | | *208Pb/232Th* | | ±1σ | |
| 610-01 | | 441.12 | 446.25 | | 1.011629489 | | 0.90599 | | 0.02089 | | 28.40602 | | 0.63897 | | 0.22758 | | 0.00463 | | 0.49618 | | 0.01406 | 5098.2 | | 32.2 | | 1321.8 | 24.3 | | 3433.2 | | 22.06 | | 8143.8 | | 189.9 | |
| 610-05 | | 453.58 | 463.63 | | 1.022157062 | | 0.91179 | | 0.02132 | | 27.70022 | | 0.63082 | | 0.22047 | | 0.00447 | | 0.48298 | | 0.01393 | 5107.3 | | 32.64 | | 1284.4 | 23.62 | | 3408.5 | | 22.32 | | 7964.8 | | 189.8 | |
| 610-07 | | 445.71 | 453.68 | | 1.017881582 | | 0.90943 | | 0.02177 | | 28.17736 | | 0.65619 | | 0.22482 | | 0.00457 | | 0.49236 | | 0.01472 | 5103.6 | | 33.4 | | 1307.3 | 24.05 | | 3425.3 | | 22.84 | | 8092.1 | | 199.3 | |
| 610-09 | | 463.83 | 468.76 | | 1.010628894 | | 0.91916 | | 0.02282 | | 28.38239 | | 0.68467 | | 0.22403 | | 0.00457 | | 0.48163 | | 0.01525 | 5118.6 | | 34.6 | | 1303.1 | 24.06 | | 3432.4 | | 23.66 | | 7946.3 | | 208 | |
| 610-11 | | 455.43 | 458.91 | | 1.00764113 | | 0.91504 | | 0.0236 | | 28.79175 | | 0.72108 | | 0.22826 | | 0.00467 | | 0.48714 | | 0.01638 | 5112.3 | | 35.94 | | 1325.4 | 24.52 | | 3446.4 | | 24.58 | | 8021.3 | | 222.6 | |
| 610-13 | | 450.98 | 458.7 | | 1.017118276 | | 0.92614 | | 0.02513 | | 28.73992 | | 0.75651 | | 0.2251 | | 0.00464 | | 0.49167 | | 0.01783 | 5129.3 | | 37.76 | | 1308.8 | 24.4 | | 3444.7 | | 25.83 | | 8082.8 | | 241.6 | |
| 610-15 | | 450.21 | 454.31 | | 1.009106861 | | 0.926 | | 0.02638 | | 29.01923 | | 0.80154 | | 0.22731 | | 0.00472 | | 0.4904 | | 0.01906 | 5129.1 | | 39.62 | | 1320.4 | 24.79 | | 3454.2 | | 27.11 | | 8065.6 | | 258.5 | |
| 610-17 | | 452.75 | 456.32 | | 1.007885146 | | 0.99114 | | 0.02998 | | 28.44214 | | 0.83209 | | 0.20813 | | 0.00437 | | 0.47491 | | 0.01997 | 5224.9 | | 41.86 | | 1218.9 | 23.34 | | 3434.5 | | 28.7 | | 7854.4 | | 273.7 | |
| 610-19 | | 442.71 | 453.85 | | 1.025163199 | | 0.94274 | | 0.03003 | | 28.98512 | | 0.89333 | | 0.22299 | | 0.00472 | | 0.48934 | | 0.02203 | 5154.4 | | 44.17 | | 1297.7 | 24.89 | | 3453 | | 30.25 | | 8051.2 | | 299 | |
| 610-19 | | 451.23 | 457.82 | | 1.014604525 | | 0.91626 | | 0.02005 | | 28.26757 | | 0.59676 | | 0.22373 | | 0.00445 | | 0.49791 | | 0.01229 | 5114.2 | | 30.55 | | 1301.6 | 23.44 | | 3428.4 | | 20.7 | | 8167.2 | | 165.8 | |
| 610-21 | | 448.69 | 458.45 | | 1.021752212 | | 0.91194 | | 0.01995 | | 27.75372 | | 0.58547 | | 0.22071 | | 0.00438 | | 0.48999 | | 0.01211 | 5107.5 | | 30.55 | | 1285.6 | 23.15 | | 3410.4 | | 20.67 | | 8060.1 | | 164.3 | |
| 610-23 | | 457.62 | 456.83 | | 0.998273677 | | 0.91445 | | 0.02005 | | 28.38428 | | 0.59964 | | 0.2251 | | 0.00447 | | 0.49331 | | 0.01226 | 5111.4 | | 30.61 | | 1308.8 | 23.54 | | 3432.5 | | 20.72 | | 8105 | | 166 | |
| 610-25 | | 447.61 | 452.99 | | 1.012019392 | | 0.91072 | | 0.02003 | | 27.9152 | | 0.59121 | | 0.2223 | | 0.00441 | | 0.49335 | | 0.0124 | 5105.6 | | 30.72 | | 1294 | 23.28 | | 3416.1 | | 20.76 | | 8105.6 | | 167.8 | |
| 610-27 | | 459.49 | 459.94 | | 1.000979347 | | 0.9096 | | 0.02012 | | 28.45858 | | 0.60578 | | 0.22691 | | 0.00451 | | 0.4983 | | 0.0127 | 5103.9 | | 30.89 | | 1318.3 | 23.72 | | 3435 | | 20.88 | | 8172.4 | | 171.3 | |
| 610-29 | | 447.97 | 458.08 | | 1.022568476 | | 0.90703 | | 0.02017 | | 27.48627 | | 0.58792 | | 0.21978 | | 0.00436 | | 0.49516 | | 0.01284 | 5099.9 | | 31.06 | | 1280.7 | 23.07 | | 3400.9 | | 20.96 | | 8130 | | 173.6 | |
| 610-31 | | 444.36 | 451.35 | | 1.015730489 | | 0.907 | | 0.02033 | | 28.40217 | | 0.61216 | | 0.22711 | | 0.00452 | | 0.5025 | | 0.0133 | 5099.8 | | 31.31 | | 1319.4 | 23.73 | | 3433.1 | | 21.14 | | 8229 | | 179 | |
| 610-33 | | 448.57 | 459.4 | | 1.024143389 | | 0.91153 | | 0.02063 | | 27.78226 | | 0.60417 | | 0.22106 | | 0.0044 | | 0.49577 | | 0.01346 | 5106.9 | | 31.6 | | 1287.4 | 23.22 | | 3411.4 | | 21.31 | | 8138.3 | | 181.9 | |
| 610-35 | | 443.71 | 460.76 | | 1.038425999 | | 0.91025 | | 0.0208 | | 27.64552 | | 0.60682 | | 0.22028 | | 0.00439 | | 0.50505 | | 0.01405 | 5104.9 | | 31.9 | | 1283.4 | 23.17 | | 3406.6 | | 21.51 | | 8263.3 | | 188.7 | |
| 610-37 | | 449.25 | 450.97 | | 1.003828603 | | 0.9074 | | 0.021 | | 28.41957 | | 0.63166 | | 0.22716 | | 0.00453 | | 0.49618 | | 0.01423 | 5100.4 | | 32.31 | | 1319.6 | 23.8 | | 3433.7 | | 21.8 | | 8143.8 | | 192.2 | |
| 610-39 | | 456.8 | 459.33 | | 1.005538529 | | 0.91063 | | 0.02133 | | 28.36309 | | 0.63772 | | 0.22591 | | 0.00451 | | 0.49532 | | 0.01461 | 5105.5 | | 32.69 | | 1313 | 23.72 | | 3431.7 | | 22.05 | | 8132.2 | | 197.4 | |
| 610-41 | | 449.22 | 460.49 | | 1.02508793 | | 0.90984 | | 0.02163 | | 27.90579 | | 0.63673 | | 0.22246 | | 0.00445 | | 0.50099 | | 0.01528 | 5104.2 | | 33.18 | | 1294.9 | 23.47 | | 3415.8 | | 22.37 | | 8208.7 | | 205.7 | |
| 610-43 | | 452.3 | 458.27 | | 1.013199204 | | 0.90683 | | 0.02188 | | 27.92816 | | 0.6464 | | 0.22338 | | 0.00448 | | 0.49669 | | 0.01562 | 5099.5 | | 33.67 | | 1299.7 | 23.62 | | 3416.6 | | 22.69 | | 8150.6 | | 210.9 | |
| 610-45 | | 457.88 | 460.65 | | 1.00604962 | | 0.90721 | | 0.02225 | | 28.05813 | | 0.66016 | | 0.22433 | | 0.00451 | | 0.49658 | | 0.01617 | 5100.2 | | 34.22 | | 1304.7 | 23.75 | | 3421.1 | | 23.07 | | 8149.2 | | 218.4 | |
| 610-47 | | 444.94 | 449.06 | | 1.009259675 | | 0.91308 | | 0.02274 | | 28.07749 | | 0.67064 | | 0.22304 | | 0.0045 | | 0.49314 | | 0.01656 | 5109.3 | | 34.73 | | 1297.9 | 23.7 | | 3421.8 | | 23.42 | | 8102.7 | | 224.2 | |
| 610-49 | | 452.99 | 463.88 | | 1.024040266 | | 0.90629 | | 0.02298 | | 27.5897 | | 0.67055 | | 0.22081 | | 0.00446 | | 0.49786 | | 0.01732 | 5098.7 | | 35.36 | | 1286.2 | 23.54 | | 3404.6 | | 23.82 | | 8166.5 | | 233.7 | |
| 610-51 | | 449.91 | 453.17 | | 1.007245894 | | 0.9042 | | 0.02331 | | 27.96389 | | 0.69106 | | 0.22433 | | 0.00454 | | 0.49653 | | 0.01783 | 5095.4 | | 35.96 | | 1304.7 | 23.93 | | 3417.8 | | 24.23 | | 8148.5 | | 240.8 | |
| 612-01 | | 35.34 | 35.49 | | 1.004244482 | | 0.90644 | | 0.02401 | | 31.0559 | | 0.79177 | | 0.24868 | | 0.00605 | | 0.53431 | | 0.01706 | 5099 | | 36.91 | | 1431.7 | 31.23 | | 3520.8 | | 25.08 | | 8652.5 | | 224.7 | |
| 612-07 | | 36.02 | 36.6 | | 1.016102165 | | 0.913 | | 0.02514 | | 31.00638 | | 0.81943 | | 0.24642 | | 0.00606 | | 0.53616 | | 0.01803 | 5109.1 | | 38.34 | | 1420 | 31.36 | | 3519.3 | | 26 | | 8676.8 | | 237.3 | |
| 612-11 | | 37.42 | 36.65 | | 0.979422769 | | 0.91663 | | 0.02656 | | 32.34921 | | 0.90174 | | 0.25602 | | 0.00628 | | 0.53079 | | 0.01957 | 5114.7 | | 40.31 | | 1469.4 | 32.23 | | 3561 | | 27.46 | | 8606.1 | | 258.4 | |
| 612-15 | | 36.84 | 36.24 | | 0.983713355 | | 0.91972 | | 0.02875 | | 32.7565 | | 0.98669 | | 0.25833 | | 0.00634 | | 0.54353 | | 0.02261 | 5119.5 | | 43.42 | | 1481.3 | 32.49 | | 3573.3 | | 29.68 | | 8773.5 | | 296.1 | |
| 612-19 | | 35.7 | 35.44 | | 0.992717087 | | 0.9491 | | 0.03266 | | 32.93109 | | 1.09024 | | 0.25165 | | 0.00628 | | 0.5298 | | 0.02516 | 5163.9 | | 47.64 | | 1447 | 32.34 | | 3578.5 | | 32.63 | | 8593 | | 332.4 | |
| 612-19 | | 36.36 | 35.92 | | 0.98789879 | | 0.91894 | | 0.02323 | | 31.8527 | | 0.76891 | | 0.25137 | | 0.00598 | | 0.53987 | | 0.01541 | 5118.3 | | 35.23 | | 1445.5 | 30.82 | | 3545.8 | | 23.76 | | 8725.6 | | 202.3 | |
| 612-23 | | 36.5 | 36.07 | | 0.988219178 | | 0.91447 | | 0.02312 | | 31.21889 | | 0.75252 | | 0.24758 | | 0.00587 | | 0.53712 | | 0.01537 | 5111.4 | | 35.24 | | 1426 | 30.33 | | 3526 | | 23.72 | | 8689.4 | | 202.1 | |
| 612-27 | | 37.49 | 35.77 | | 0.954121099 | | 0.93542 | | 0.02411 | | 33.03392 | | 0.81226 | | 0.25612 | | 0.0062 | | 0.54106 | | 0.016 | 5143.4 | | 35.86 | | 1470 | 31.79 | | 3581.6 | | 24.23 | | 8741.1 | | 209.8 | |
| 612-31 | | 36.45 | 35.59 | | 0.976406036 | | 0.89767 | | 0.02327 | | 31.72678 | | 0.78517 | | 0.25634 | | 0.00615 | | 0.54759 | | 0.0166 | 5085.2 | | 36.16 | | 1471.1 | 31.56 | | 3541.9 | | 24.36 | | 8826.6 | | 216.9 | |
| 612-35 | | 36.82 | 36.82 | | 1 | | 0.90048 | | 0.02366 | | 30.66895 | | 0.76732 | | 0.24702 | | 0.00591 | | 0.53658 | | 0.01688 | 5089.6 | | 36.64 | | 1423.1 | 30.55 | | 3508.5 | | 24.6 | | 8682.4 | | 222.1 | |
| 612-39 | | 37.93 | 36.67 | | 0.966780912 | | 0.91942 | | 0.02466 | | 31.87972 | | 0.81408 | | 0.25149 | | 0.00606 | | 0.53987 | | 0.01779 | 5119 | | 37.35 | | 1446.2 | 31.21 | | 3546.6 | | 25.14 | | 8725.6 | | 233.5 | |
| 612-43 | | 36.84 | 36.5 | | 0.990770901 | | 0.93007 | | 0.02553 | | 31.89223 | | 0.8327 | | 0.24871 | | 0.00602 | | 0.55127 | | 0.01916 | 5135.3 | | 38.18 | | 1431.8 | 31.07 | | 3547 | | 25.71 | | 8874.7 | | 249.6 | |
| 612-47 | | 35.97 | 35.52 | | 0.987489575 | | 0.89306 | | 0.02514 | | 31.65826 | | 0.85018 | | 0.25713 | | 0.00625 | | 0.55114 | | 0.02027 | 5077.9 | | 39.24 | | 1475.1 | 32.04 | | 3539.7 | | 26.43 | | 8873 | | 264.1 | |
| 612-51 | | 36.36 | 36.59 | | 1.006325633 | | 0.89411 | | 0.02585 | | 31.27127 | | 0.86164 | | 0.25369 | | 0.00617 | | 0.56012 | | 0.02179 | 5079.6 | | 40.28 | | 1457.5 | 31.75 | | 3527.6 | | 27.11 | | 8989.7 | | 282.3 | |
| 614-01 | | 0.689 | 0.768 | | 1.114658926 | | 0.9516 | | 0.07362 | | 86.0899 | | 7.74446 | | 0.65664 | | 0.06361 | | 1.67957 | | 0.17459 | 5167.6 | | 104.78 | | 3254.1 | 247.53 | | 4535.7 | | 90.29 | | \*\*\*\*\*\* | | 1317 | |
| 614-07 | | 0.667 | 0.904 | | 1.355322339 | | 0.81672 | | 0.05544 | | 77.10983 | | 6.33549 | | 0.68507 | | 0.05735 | | 1.6189 | | 0.16922 | 4951.2 | | 93.23 | | 3363.8 | 219.39 | | 4425.2 | | 82.36 | | \*\*\*\*\*\* | | 1306 | |
| 614-11 | | 0.656 | 0.81 | | 1.234756098 | | 0.88785 | | 0.06321 | | 90.39253 | | 7.61727 | | 0.73857 | | 0.06524 | | 1.83334 | | 0.1972 | 5069.6 | | 97.12 | | 3565.3 | 241.89 | | 4584.6 | | 84.63 | | \*\*\*\*\*\* | | 1407 | |
| 614-15 | | 0.742 | 0.809 | | 1.090296496 | | 0.75675 | | 0.0558 | | 74.30741 | | 6.56735 | | 0.71221 | | 0.06146 | | 1.49735 | | 0.15405 | 4842.4 | | 101.45 | | 3466.8 | 231.4 | | 4388.1 | | 88.55 | | \*\*\*\*\*\* | | 1247 | |
| 614-23 | | 0.722 | 0.786 | | 1.088642659 | | 0.85625 | | 0.0636 | | 87.22285 | | 7.65837 | | 0.7388 | | 0.0638 | | 1.51942 | | 0.16806 | 5018.3 | | 101.38 | | 3566.1 | 236.51 | | 4548.8 | | 88.14 | | \*\*\*\*\*\* | | 1348 | |
| 614-23 | | 0.742 | 0.791 | | 1.066037736 | | 0.83332 | | 0.05805 | | 85.68571 | | 7.21517 | | 0.7457 | | 0.06392 | | 1.55095 | | 0.15868 | 4979.8 | | 95.47 | | 3591.7 | 236.04 | | 4530.9 | | 84.51 | | \*\*\*\*\*\* | | 1257 | |
| 614-27 | | 0.663 | 0.787 | | 1.187028658 | | 0.91967 | | 0.06616 | | 92.84902 | | 8.0665 | | 0.7322 | | 0.06725 | | 1.75445 | | 0.19332 | 5119.4 | | 97.89 | | 3541.6 | 250.27 | | 4611.6 | | 87.27 | | \*\*\*\*\*\* | | 1419 | |
| 614-31 | | 0.775 | 0.81 | | 1.04516129 | | 0.93046 | | 0.06351 | | 86.4703 | | 6.94734 | | 0.67401 | | 0.05853 | | 1.48002 | | 0.14057 | 5135.9 | | 92.99 | | 3321.3 | 225.39 | | 4540.1 | | 80.65 | | \*\*\*\*\*\* | | 1146 | |
| 614-35 | | 0.84 | 0.842 | | 1.002380952 | | 0.95163 | | 0.07049 | | 79.10429 | | 6.4785 | | 0.6029 | | 0.05329 | | 1.43689 | | 0.12713 | 5167.6 | | 100.49 | | 3041.5 | 214.32 | | 4450.8 | | 82.12 | | \*\*\*\*\*\* | | 1054 | |
| 614-39 | | 0.845 | 0.843 | | 0.997633136 | | 0.89491 | | 0.0624 | | 82.60569 | | 6.81971 | | 0.66951 | | 0.05791 | | 1.2933 | | 0.11556 | 5080.8 | | 95.14 | | 3304 | 223.62 | | 4494.2 | | 82.82 | | \*\*\*\*\*\* | | 1018 | |
| 614-43 | | 0.703 | 0.811 | | 1.153627312 | | 0.92802 | | 0.06491 | | 84.46407 | | 7.1825 | | 0.66016 | | 0.05911 | | 1.76258 | | 0.16122 | 5132.2 | | 95.23 | | 3267.8 | 229.54 | | 4516.5 | | 85.33 | | \*\*\*\*\*\* | | 1180 | |
| 614-47 | | 0.662 | 0.816 | | 1.232628399 | | 0.97433 | | 0.07305 | | 87.4574 | | 7.47883 | | 0.65107 | | 0.06029 | | 1.82042 | | 0.18282 | 5200.8 | | 101.53 | | 3232.4 | 235.38 | | 4551.5 | | 85.85 | | \*\*\*\*\*\* | | 1310 | |
| 614-51 | | 0.757 | 0.811 | | 1.071334214 | | 0.82811 | | 0.0548 | | 85.54191 | | 7.27675 | | 0.74927 | | 0.06431 | | 1.5815 | | 0.14399 | 4970.9 | | 90.88 | | 3604.8 | 237 | | 4529.2 | | 85.38 | | \*\*\*\*\*\* | | 1127 | |
| 915-01 | | 40.52 | 119.52 | | 2.949654492 | | 0.07561 | | 0.00256 | | 1.86732 | | 0.06179 | | 0.17925 | | 0.00395 | | 0.05441 | | 0.00293 | 1084.9 | | 66.36 | | 1062.9 | 21.58 | | 1069.6 | | 21.88 | | 1070.9 | | 56.21 | |
| 915-02 | | 41.95 | 122.97 | | 2.931346841 | | 0.07505 | | 0.00251 | | 1.88184 | | 0.06146 | | 0.182 | | 0.004 | | 0.05227 | | 0.0028 | 1069.9 | | 65.67 | | 1077.9 | 21.82 | | 1074.7 | | 21.66 | | 1029.8 | | 53.73 | |
| 915-04 | | 43.2 | 130.05 | | 3.010416667 | | 0.07452 | | 0.00318 | | 1.83399 | | 0.0771 | | 0.17862 | | 0.00395 | | 0.0533 | | 0.00363 | 1055.3 | | 83.96 | | 1059.4 | 21.6 | | 1057.7 | | 27.62 | | 1049.6 | | 69.67 | |
| 915-05 | | 46.58 | 136.15 | | 2.922928295 | | 0.07566 | | 0.0025 | | 1.86411 | | 0.06018 | | 0.17881 | | 0.00391 | | 0.05201 | | 0.00277 | 1086.1 | | 64.85 | | 1060.5 | 21.4 | | 1068.4 | | 21.33 | | 1024.8 | | 53.23 | |
| 915-06 | | 44.35 | 134.06 | | 3.022773393 | | 0.07429 | | 0.00263 | | 1.82937 | | 0.06336 | | 0.17868 | | 0.00393 | | 0.05406 | | 0.00299 | 1049.5 | | 69.73 | | 1059.8 | 21.48 | | 1056.1 | | 22.74 | | 1064.2 | | 57.31 | |
| 915-07 | | 46.96 | 136.16 | | 2.899488927 | | 0.07409 | | 0.00252 | | 1.82415 | | 0.0606 | | 0.17865 | | 0.00391 | | 0.05479 | | 0.00285 | 1044 | | 67.1 | | 1059.6 | 21.41 | | 1054.2 | | 21.79 | | 1078.2 | | 54.57 | |
| 915-08 | | 43.6 | 131.47 | | 3.015366972 | | 0.07484 | | 0.00258 | | 1.83329 | | 0.0618 | | 0.17772 | | 0.0039 | | 0.05705 | | 0.00301 | 1064.3 | | 67.88 | | 1054.5 | 21.32 | | 1057.5 | | 22.15 | | 1121.4 | | 57.53 | |
| 915-09 | | 48.06 | 140.87 | | 2.931127757 | | 0.07329 | | 0.00253 | | 1.81887 | | 0.06125 | | 0.18005 | | 0.00395 | | 0.05486 | | 0.00292 | 1022.1 | | 68.26 | | 1067.2 | 21.58 | | 1052.3 | | 22.06 | | 1079.6 | | 55.92 | |
| 915-10 | | 46.55 | 138.12 | | 2.967132116 | | 0.07619 | | 0.00295 | | 1.85795 | | 0.07049 | | 0.17691 | | 0.00388 | | 0.05199 | | 0.00328 | 1100.2 | | 75.54 | | 1050 | 21.23 | | 1066.3 | | 25.04 | | 1024.3 | | 62.96 | |
| 915-11 | | 45.59 | 134.91 | | 2.959201579 | | 0.07354 | | 0.00279 | | 1.81735 | | 0.06753 | | 0.17929 | | 0.00396 | | 0.05126 | | 0.00348 | 1028.8 | | 74.93 | | 1063.1 | 21.67 | | 1051.7 | | 24.34 | | 1010.4 | | 66.86 | |
| 915-12 | | 47.49 | 137.38 | | 2.892819541 | | 0.07601 | | 0.00269 | | 1.91303 | | 0.06614 | | 0.18258 | | 0.00403 | | 0.05276 | | 0.00293 | 1095.3 | | 69.36 | | 1081 | 21.96 | | 1085.6 | | 23.05 | | 1039.2 | | 56.32 | |
| 915-13 | | 47.82 | 138.88 | | 2.904224174 | | 0.07618 | | 0.00272 | | 1.86884 | | 0.06492 | | 0.17794 | | 0.00393 | | 0.05215 | | 0.00295 | 1099.9 | | 69.69 | | 1055.7 | 21.5 | | 1070.1 | | 22.98 | | 1027.5 | | 56.75 | |
| 915-14 | | 45.25 | 135.51 | | 2.994696133 | | 0.07503 | | 0.00302 | | 1.84423 | | 0.0726 | | 0.1783 | | 0.00398 | | 0.05495 | | 0.00306 | 1069.2 | | 78.82 | | 1057.7 | 21.79 | | 1061.4 | | 25.92 | | 1081.2 | | 58.59 | |
| 915-15 | | 47.6 | 140.42 | | 2.95 | | 0.07494 | | 0.00319 | | 1.81281 | | 0.07546 | | 0.17545 | | 0.004 | | 0.05617 | | 0.00359 | 1067 | | 83.26 | | 1042.1 | 21.93 | | 1050.1 | | 27.24 | | 1104.6 | | 68.73 | |
| 915-16 | | 39.25 | 118.08 | | 3.008407643 | | 0.0737 | | 0.00298 | | 1.8318 | | 0.07232 | | 0.18027 | | 0.00409 | | 0.05395 | | 0.00349 | 1033.3 | | 79.66 | | 1068.4 | 22.32 | | 1056.9 | | 25.93 | | 1062.1 | | 66.87 | |
| 915-17 | | 48.13 | 136.39 | | 2.833783503 | | 0.07758 | | 0.00317 | | 1.93376 | | 0.07718 | | 0.18078 | | 0.00408 | | 0.05415 | | 0.00335 | 1136.2 | | 79.26 | | 1071.2 | 22.29 | | 1092.8 | | 26.71 | | 1065.9 | | 64.16 | |
| 915-18 | | 49.17 | 138.56 | | 2.817978442 | | 0.07486 | | 0.00316 | | 1.85786 | | 0.07667 | | 0.18001 | | 0.00405 | | 0.05299 | | 0.00331 | 1064.6 | | 82.69 | | 1067 | 22.13 | | 1066.2 | | 27.24 | | 1043.6 | | 63.59 | |
| 915-19 | | 45.94 | 134.44 | | 2.926425773 | | 0.07355 | | 0.00296 | | 1.81783 | | 0.07133 | | 0.17927 | | 0.00402 | | 0.05297 | | 0.00337 | 1029 | | 79.36 | | 1063 | 21.98 | | 1051.9 | | 25.7 | | 1043.2 | | 64.62 | |
| 915-19 | | 46.52 | 134.96 | | 2.901117799 | | 0.07378 | | 0.00243 | | 1.83475 | | 0.05908 | | 0.18033 | | 0.00383 | | 0.05102 | | 0.0033 | 1035.6 | | 65.25 | | 1068.8 | 20.9 | | 1058 | | 21.16 | | 1005.7 | | 63.41 | |
| 915-20 | | 45.37 | 133.03 | | 2.932113732 | | 0.07392 | | 0.00247 | | 1.83787 | | 0.0599 | | 0.1803 | | 0.00388 | | 0.04866 | | 0.00294 | 1039.3 | | 66.04 | | 1068.6 | 21.18 | | 1059.1 | | 21.43 | | 960.3 | | 56.58 | |
| 915-21 | | 45.85 | 135.58 | | 2.957033806 | | 0.07568 | | 0.00246 | | 1.85223 | | 0.0587 | | 0.1775 | | 0.00383 | | 0.05703 | | 0.00281 | 1086.5 | | 63.92 | | 1053.3 | 20.96 | | 1064.2 | | 20.9 | | 1120.9 | | 53.76 | |
| 915-22 | | 45.54 | 133.44 | | 2.930171278 | | 0.07557 | | 0.00246 | | 1.88709 | | 0.05982 | | 0.1811 | | 0.0039 | | 0.05128 | | 0.00276 | 1083.6 | | 63.95 | | 1073 | 21.29 | | 1076.6 | | 21.04 | | 1010.9 | | 53.03 | |
| 915-23 | | 51.2 | 142.24 | | 2.778125 | | 0.07349 | | 0.00242 | | 1.79844 | | 0.05776 | | 0.17748 | | 0.00378 | | 0.05206 | | 0.00269 | 1027.5 | | 65.22 | | 1053.2 | 20.68 | | 1044.9 | | 20.96 | | 1025.8 | | 51.75 | |
| 915-24 | | 56.79 | 154.48 | | 2.720197218 | | 0.07488 | | 0.00236 | | 1.85676 | | 0.05694 | | 0.17982 | | 0.00382 | | 0.0565 | | 0.00258 | 1065.4 | | 62.1 | | 1066 | 20.87 | | 1065.8 | | 20.24 | | 1111 | | 49.36 | |
| 915-25 | | 49.96 | 139.15 | | 2.785228183 | | 0.07478 | | 0.00253 | | 1.86474 | | 0.06147 | | 0.18084 | | 0.00387 | | 0.05218 | | 0.00277 | 1062.7 | | 66.52 | | 1071.5 | 21.13 | | 1068.7 | | 21.79 | | 1028 | | 53.18 | |
| 915-26 | | 46.93 | 140.77 | | 2.999573833 | | 0.07416 | | 0.00244 | | 1.81428 | | 0.05816 | | 0.17742 | | 0.00381 | | 0.05537 | | 0.0028 | 1045.8 | | 65.03 | | 1052.9 | 20.84 | | 1050.6 | | 20.98 | | 1089.2 | | 53.67 | |
| 915-27 | | 47.43 | 137.51 | | 2.899219903 | | 0.07408 | | 0.00256 | | 1.80801 | | 0.06085 | | 0.17701 | | 0.00379 | | 0.05685 | | 0.00293 | 1043.6 | | 68.1 | | 1050.6 | 20.77 | | 1048.4 | | 22 | | 1117.6 | | 56.02 | |
| 915-28 | | 50.51 | 139.67 | | 2.765195011 | | 0.07546 | | 0.00247 | | 1.86262 | | 0.05922 | | 0.17901 | | 0.00384 | | 0.0526 | | 0.0027 | 1080.9 | | 64.21 | | 1061.6 | 21 | | 1067.9 | | 21 | | 1036.2 | | 51.9 | |
| 915-29 | | 45.32 | 132.39 | | 2.921226831 | | 0.07521 | | 0.00247 | | 1.8592 | | 0.05943 | | 0.17929 | | 0.00386 | | 0.05589 | | 0.00287 | 1074 | | 64.63 | | 1063.1 | 21.09 | | 1066.7 | | 21.11 | | 1099.2 | | 54.99 | |
| 915-30 | | 48.59 | 139.52 | | 2.87137271 | | 0.07583 | | 0.00251 | | 1.86604 | | 0.06018 | | 0.17847 | | 0.00384 | | 0.05292 | | 0.00286 | 1090.6 | | 65.04 | | 1058.6 | 21.03 | | 1069.1 | | 21.32 | | 1042.3 | | 54.84 | |
| 915-31 | | 49.61 | 139.89 | | 2.819794396 | | 0.0734 | | 0.00236 | | 1.82349 | | 0.05696 | | 0.18017 | | 0.00385 | | 0.051 | | 0.00261 | 1025.1 | | 63.69 | | 1067.9 | 21.04 | | 1053.9 | | 20.48 | | 1005.5 | | 50.25 | |
| 915-32 | | 57.18 | 155.81 | | 2.724903813 | | 0.07581 | | 0.0024 | | 1.87791 | | 0.05781 | | 0.17965 | | 0.00383 | | 0.05423 | | 0.00259 | 1090.1 | | 62.24 | | 1065.1 | 20.93 | | 1073.3 | | 20.4 | | 1067.4 | | 49.57 | |
| 915-33 | | 47.01 | 137.68 | | 2.928738566 | | 0.07614 | | 0.00262 | | 1.87081 | | 0.06268 | | 0.1782 | | 0.00385 | | 0.05197 | | 0.00294 | 1098.8 | | 67.38 | | 1057.1 | 21.08 | | 1070.8 | | 22.17 | | 1024.1 | | 56.49 | |
| 915-34 | | 48.91 | 138.14 | | 2.824371294 | | 0.07357 | | 0.00237 | | 1.84058 | | 0.05762 | | 0.18146 | | 0.00388 | | 0.05124 | | 0.00266 | 1029.6 | | 63.81 | | 1074.9 | 21.16 | | 1060.1 | | 20.6 | | 1010 | | 51.12 | |
| 915-35 | | 44.17 | 134.45 | | 3.043921213 | | 0.0762 | | 0.00264 | | 1.86773 | | 0.06289 | | 0.17778 | | 0.00383 | | 0.05377 | | 0.00316 | 1100.3 | | 67.67 | | 1054.8 | 20.96 | | 1069.7 | | 22.27 | | 1058.6 | | 60.63 | |
| 915-36 | | 50.16 | 138.87 | | 2.76854067 | | 0.07617 | | 0.00258 | | 1.86327 | | 0.06144 | | 0.17741 | | 0.00382 | | 0.05756 | | 0.00284 | 1099.7 | | 66.38 | | 1052.8 | 20.92 | | 1068.1 | | 21.79 | | 1131.2 | | 54.33 | |
| 915-37 | | 47.12 | 137.04 | | 2.908319185 | | 0.07576 | | 0.00246 | | 1.85041 | | 0.05819 | | 0.17714 | | 0.00379 | | 0.058 | | 0.00287 | 1088.8 | | 63.61 | | 1051.3 | 20.78 | | 1063.6 | | 20.73 | | 1139.6 | | 54.81 | |
| 915-38 | | 48.89 | 140.57 | | 2.875230108 | | 0.07512 | | 0.00245 | | 1.87315 | | 0.0593 | | 0.18086 | | 0.00388 | | 0.05455 | | 0.00274 | 1071.7 | | 64.16 | | 1071.7 | 21.17 | | 1071.6 | | 20.96 | | 1073.6 | | 52.6 | |
| 915-39 | | 48.88 | 140.11 | | 2.866407529 | | 0.07697 | | 0.00246 | | 1.91501 | | 0.05921 | | 0.18045 | | 0.00387 | | 0.05119 | | 0.00266 | 1120.5 | | 62.34 | | 1069.4 | 21.11 | | 1086.3 | | 20.62 | | 1009 | | 51.2 | |
| 915-40 | | 49.63 | 142.78 | | 2.876888978 | | 0.07598 | | 0.00244 | | 1.89687 | | 0.05905 | | 0.18109 | | 0.00387 | | 0.05558 | | 0.00275 | 1094.4 | | 62.97 | | 1072.9 | 21.12 | | 1080 | | 20.7 | | 1093.4 | | 52.67 | |
| 915-41 | | 48.75 | 142.24 | | 2.91774359 | | 0.07387 | | 0.00247 | | 1.82036 | | 0.059 | | 0.17873 | | 0.00384 | | 0.05713 | | 0.00293 | 1038 | | 65.97 | | 1060 | 20.98 | | 1052.8 | | 21.24 | | 1123 | | 55.94 | |
| 915-42 | | 52.27 | 145.63 | | 2.78611058 | | 0.07414 | | 0.0024 | | 1.80773 | | 0.05667 | | 0.17685 | | 0.00377 | | 0.05394 | | 0.00266 | 1045.3 | | 63.89 | | 1049.7 | 20.67 | | 1048.3 | | 20.49 | | 1061.9 | | 50.93 | |
| 915-43 | | 49.35 | 139.22 | | 2.821073961 | | 0.07427 | | 0.00246 | | 1.85679 | | 0.05966 | | 0.18134 | | 0.0039 | | 0.05505 | | 0.00288 | 1048.8 | | 65.37 | | 1074.3 | 21.29 | | 1065.8 | | 21.21 | | 1083.1 | | 55.26 | |
| 915-44 | | 46.17 | 136.4 | | 2.954299329 | | 0.07628 | | 0.0026 | | 1.88078 | | 0.06227 | | 0.17884 | | 0.00382 | | 0.0528 | | 0.00303 | 1102.4 | | 66.67 | | 1060.6 | 20.89 | | 1074.3 | | 21.95 | | 1040 | | 58.13 | |
| 915-45 | | 47.37 | 139.22 | | 2.938990923 | | 0.07445 | | 0.00253 | | 1.8489 | | 0.06085 | | 0.18013 | | 0.00389 | | 0.05389 | | 0.003 | 1053.3 | | 67.21 | | 1067.7 | 21.24 | | 1063 | | 21.69 | | 1061 | | 57.53 | |
| 915-46 | | 56.41 | 154.34 | | 2.736039709 | | 0.07497 | | 0.00241 | | 1.8582 | | 0.0577 | | 0.17979 | | 0.00384 | | 0.05513 | | 0.0027 | 1067.6 | | 63.19 | | 1065.8 | 21.01 | | 1066.3 | | 20.5 | | 1084.6 | | 51.68 | |
| 915-47 | | 43.7 | 130.35 | | 2.982837529 | | 0.07375 | | 0.00254 | | 1.81517 | | 0.06073 | | 0.17852 | | 0.00389 | | 0.05238 | | 0.00302 | 1034.7 | | 68.18 | | 1058.9 | 21.28 | | 1050.9 | | 21.9 | | 1032 | | 57.95 | |
| 915-48 | | 47.66 | 138.49 | | 2.90579102 | | 0.07556 | | 0.00254 | | 1.85178 | | 0.06031 | | 0.17777 | | 0.00385 | | 0.05123 | | 0.00284 | 1083.3 | | 66.02 | | 1054.8 | 21.06 | | 1064.1 | | 21.47 | | 1009.8 | | 54.63 | |
| 915-49 | | 44.68 | 133.76 | | 2.993733214 | | 0.07417 | | 0.00254 | | 1.83448 | | 0.06099 | | 0.17941 | | 0.0039 | | 0.05798 | | 0.00313 | 1046 | | 67.69 | | 1063.8 | 21.32 | | 1057.9 | | 21.85 | | 1139.2 | | 59.74 | |
| 915-50 | | 47.71 | 135.59 | | 2.841961853 | | 0.07662 | | 0.00267 | | 1.87538 | | 0.06323 | | 0.17753 | | 0.00386 | | 0.04942 | | 0.00283 | 1111.4 | | 67.95 | | 1053.5 | 21.13 | | 1072.4 | | 22.33 | | 975.1 | | 54.58 | |
| 915-51 | | 51.35 | 140.28 | | 2.731840312 | | 0.0714 | | 0.00258 | | 1.78359 | | 0.06267 | | 0.18118 | | 0.00395 | | 0.05109 | | 0.00293 | 969 | | 72.12 | | 1073.4 | 21.56 | | 1039.5 | | 22.86 | | 1007.2 | | 56.35 | |
| PLE-01 | | 51.47 | 627.39 | | 12.18943074 | | 0.05405 | | 0.00153 | | 0.40144 | | 0.0111 | | 0.05392 | | 0.0011 | | 0.01574 | | 0.00116 | 372.8 | | 62.38 | | 338.5 | 6.75 | | 342.7 | | 8.04 | | 315.6 | | 23.14 | |
| PLE-02 | | 52.5 | 636.86 | | 12.13066667 | | 0.05281 | | 0.00144 | | 0.39127 | | 0.01039 | | 0.05378 | | 0.0011 | | 0.01684 | | 0.00101 | 320.4 | | 60.6 | | 337.7 | 6.72 | | 335.3 | | 7.58 | | 337.5 | | 20.1 | |
| PLE-03 | | 50.6 | 554.76 | | 10.96363636 | | 0.05299 | | 0.00146 | | 0.39421 | | 0.0106 | | 0.054 | | 0.0011 | | 0.01741 | | 0.00098 | 328.4 | | 61.4 | | 339 | 6.75 | | 337.4 | | 7.72 | | 348.9 | | 19.37 | |
| PLE-05 | | 52.87 | 643.37 | | 12.16890486 | | 0.0529 | | 0.00146 | | 0.39013 | | 0.01049 | | 0.05352 | | 0.00109 | | 0.01778 | | 0.00098 | 324.3 | | 61.49 | | 336.1 | 6.68 | | 334.5 | | 7.66 | | 356.2 | | 19.51 | |
| PLE-07 | | 50.02 | 609.03 | | 12.17572971 | | 0.05296 | | 0.0015 | | 0.39187 | | 0.01079 | | 0.05369 | | 0.0011 | | 0.01909 | | 0.0011 | 327 | | 62.97 | | 337.1 | 6.72 | | 335.7 | | 7.87 | | 382.2 | | 21.79 | |
| PLE-09 | | 45.45 | 138.07 | | 3.037843784 | | 0.07422 | | 0.0026 | | 1.83792 | | 0.06298 | | 0.17966 | | 0.00396 | | 0.0546 | | 0.003 | 1047.5 | | 69.18 | | 1065.1 | 21.64 | | 1059.1 | | 22.54 | | 1074.4 | | 57.59 | |
| PLE-11 | | 86.02 | 934.16 | | 10.85980005 | | 0.05322 | | 0.00152 | | 0.39393 | | 0.01092 | | 0.05369 | | 0.0011 | | 0.01751 | | 0.00088 | 338.2 | | 63.44 | | 337.2 | 6.72 | | 337.2 | | 7.96 | | 350.9 | | 17.5 | |
| PLE-13 | | 53 | 652.83 | | 12.31754717 | | 0.05523 | | 0.00169 | | 0.42304 | | 0.01255 | | 0.05556 | | 0.00115 | | 0.01956 | | 0.00115 | 421.4 | | 66.33 | | 348.6 | 7.02 | | 358.2 | | 8.96 | | 391.5 | | 22.83 | |
| PLE-15 | | 42.89 | 520.17 | | 12.12800187 | | 0.05393 | | 0.00187 | | 0.39934 | | 0.01344 | | 0.05371 | | 0.00113 | | 0.01732 | | 0.00139 | 367.9 | | 76.03 | | 337.3 | 6.93 | | 341.2 | | 9.75 | | 347.2 | | 27.52 | |
| PLE-17 | | 75.67 | 844.33 | | 11.15805471 | | 0.05506 | | 0.00179 | | 0.42856 | | 0.01351 | | 0.05645 | | 0.00118 | | 0.01883 | | 0.00108 | 414.6 | | 70.52 | | 354 | 7.22 | | 362.2 | | 9.6 | | 377 | | 21.34 | |
| PLE-19 | | 51.59 | 620.55 | | 12.02849389 | | 0.05644 | | 0.00199 | | 0.47018 | | 0.01605 | | 0.06042 | | 0.00129 | | 0.01979 | | 0.00135 | 469 | | 76.94 | | 378.2 | 7.83 | | 391.3 | | 11.09 | | 396 | | 26.77 | |
| PLE-19 | | 52.51 | 626.16 | | 11.92458579 | | 0.05498 | | 0.00147 | | 0.45933 | | 0.01186 | | 0.06059 | | 0.00122 | | 0.01989 | | 0.00117 | 411.4 | | 57.88 | | 379.2 | 7.39 | | 383.8 | | 8.25 | | 398 | | 23.28 | |
| PLE-21 | | 56.08 | 671.39 | | 11.97200428 | | 0.05621 | | 0.00145 | | 0.42083 | | 0.01048 | | 0.0543 | | 0.00108 | | 0.02185 | | 0.00105 | 459.8 | | 56.61 | | 340.9 | 6.63 | | 356.6 | | 7.49 | | 436.8 | | 20.71 | |
| PLE-23 | | 50.93 | 610.41 | | 11.98527391 | | 0.0524 | | 0.00138 | | 0.38988 | | 0.00995 | | 0.05396 | | 0.00108 | | 0.01586 | | 0.00092 | 303.1 | | 58.96 | | 338.8 | 6.59 | | 334.3 | | 7.27 | | 318 | | 18.4 | |
| PLE-25 | | 76.09 | 833.64 | | 10.95597319 | | 0.05241 | | 0.00133 | | 0.39071 | | 0.00955 | | 0.05407 | | 0.00107 | | 0.01604 | | 0.00079 | 303.1 | | 56.56 | | 339.5 | 6.57 | | 334.9 | | 6.97 | | 321.7 | | 15.65 | |
| PLE-27 | | 48.83 | 585.6 | | 11.99262748 | | 0.05409 | | 0.00146 | | 0.39867 | | 0.0104 | | 0.05345 | | 0.00107 | | 0.01818 | | 0.00099 | 374.8 | | 59.5 | | 335.7 | 6.54 | | 340.7 | | 7.55 | | 364.2 | | 19.67 | |
| PLE-29 | | 50.76 | 615.35 | | 12.12273444 | | 0.05855 | | 0.00154 | | 0.43373 | | 0.01102 | | 0.05373 | | 0.00107 | | 0.02792 | | 0.00128 | 550.3 | | 56.53 | | 337.4 | 6.57 | | 365.8 | | 7.81 | | 556.6 | | 25.11 | |
| PLE-31 | | 51.32 | 619.65 | | 12.07424006 | | 0.05294 | | 0.00146 | | 0.39273 | | 0.01047 | | 0.0538 | | 0.00108 | | 0.01677 | | 0.00111 | 326.2 | | 61.4 | | 337.8 | 6.58 | | 336.4 | | 7.63 | | 336.1 | | 22.08 | |
| PLE-33 | | 52.77 | 636.07 | | 12.05362896 | | 0.05394 | | 0.00145 | | 0.39954 | | 0.0104 | | 0.05373 | | 0.00107 | | 0.01717 | | 0.00097 | 368.2 | | 59.49 | | 337.4 | 6.56 | | 341.3 | | 7.54 | | 344 | | 19.35 | |
| PLE-35 | | 59.69 | 715.97 | | 11.9948065 | | 0.05313 | | 0.00142 | | 0.38929 | | 0.01001 | | 0.05315 | | 0.00106 | | 0.0183 | | 0.00096 | 334.1 | | 59.34 | | 333.8 | 6.5 | | 333.9 | | 7.31 | | 366.5 | | 19.06 | |
| PLE-37 | | 60.46 | 727.75 | | 12.03688389 | | 0.05257 | | 0.00138 | | 0.38861 | | 0.00983 | | 0.05361 | | 0.00107 | | 0.01544 | | 0.00088 | 310.4 | | 58.56 | | 336.7 | 6.54 | | 333.4 | | 7.19 | | 309.8 | | 17.59 | |
| PLE-39 | | 72.37 | 862.28 | | 11.91488186 | | 0.0528 | | 0.00138 | | 0.39423 | | 0.00992 | | 0.05416 | | 0.00108 | | 0.01724 | | 0.00084 | 320.2 | | 58.17 | | 340 | 6.6 | | 337.5 | | 7.22 | | 345.4 | | 16.7 | |
| PLE-41 | | 53.54 | 640.05 | | 11.95461337 | | 0.05247 | | 0.00144 | | 0.39081 | | 0.01036 | | 0.05403 | | 0.00108 | | 0.01809 | | 0.00099 | 305.8 | | 61.37 | | 339.2 | 6.63 | | 335 | | 7.56 | | 362.3 | | 19.66 | |
| PLE-43 | | 54.99 | 659.88 | | 12 | | 0.05365 | | 0.00154 | | 0.3924 | | 0.01084 | | 0.05305 | | 0.00107 | | 0.01731 | | 0.00109 | 356.2 | | 63.38 | | 333.2 | 6.56 | | 336.1 | | 7.9 | | 346.8 | | 21.57 | |
| PLE-45 | | 53.54 | 637.67 | | 11.91016063 | | 0.05299 | | 0.00148 | | 0.39394 | | 0.01059 | | 0.05393 | | 0.00109 | | 0.0162 | | 0.00096 | 328.1 | | 62.15 | | 338.6 | 6.65 | | 337.2 | | 7.71 | | 324.8 | | 19.02 | |
| PLE-47 | | 62.07 | 727.41 | | 11.71918801 | | 0.0532 | | 0.00148 | | 0.39485 | | 0.01058 | | 0.05383 | | 0.00108 | | 0.01949 | | 0.00101 | 337.4 | | 62.7 | | 338 | 6.64 | | 337.9 | | 7.7 | | 390.2 | | 20.04 | |
| PLE-49 | | 62.25 | 741.68 | | 11.91453815 | | 0.0523 | | 0.00147 | | 0.38917 | | 0.01055 | | 0.05397 | | 0.00109 | | 0.01819 | | 0.00099 | 298.7 | | 62.94 | | 338.9 | 6.67 | | 333.8 | | 7.71 | | 364.4 | | 19.62 | |
| PLE-51 | | 72.67 | 858.32 | | 11.81120132 | | 0.05303 | | 0.00155 | | 0.39226 | | 0.01103 | | 0.05365 | | 0.00109 | | 0.01838 | | 0.00103 | 330.1 | | 64.9 | | 336.9 | 6.64 | | 336 | | 8.04 | | 368.1 | | 20.44 | |