## Samples on Transects
| Sample Name | Longitude | Latitude | Elevation | Modelled Stratigraphic Position | Geologic Formation | Age of Formation | Mean Apatite He Age | Mean Zircon He Age |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NaN | (degrees) | (degrees) | (m) | (m) | NaN | NaN | (Ma) | (Ma) |
| Rattlesnake Canyon Transect (RC) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-SBRC-03 | -119.680473 | 34.474545 | 762.936523 | 1222 | Cozy Dell Shale | Late-Eocene | 3.8 ± 0.3 | NaN |
| 18-SBRC-05 | -119.665977 | 34.489235 | 1112.859131 | 641 | Juncal Formation | Early- to Middle-Eocene | 3.0 ± 0.1 | NaN |
| 18-SBRC-07 | -119.671524 | 34.502483 | 693.428467 | 35 | Unnamed Marine Strata | Cretaceous | 2.0 ± 0.1 | 15.3 ± 0.6 |
| Matilija Canyon Transect (MC) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-OJ-01 | -119.289726 | 34.473663 | 280.33606 | 2428 | Coldwater Sandstone | Late-Eocene | 2.9 ± 0.3 | 52.0 - 71.4 # |
| 16-OJ-02 | -119.303291 | 34.485493 | 314.825195 | 1493 | Matilija Sandstone | Middle- to Late-Eocene | 2.0 ± 0.03 | 34.3 ± 3.8 |
| 17-OJ-06 | -119.275307 | 34.507244 | 539.778503 | 428 | Unnamed Marine Strata | Cretaceous | 1.6 ± 0.2 | 10.3 - 36.3 \*\* |
| 17-OJ-07 | -119.297363 | 34.504036 | 418.269135 | 901 | Juncal Formation | Early- to Middle-Eocene | 1.95 ± 0.53 | 17.7 ± 3.1 |
| 17-OJ-08 | -119.305779 | 34.494633 | 368.234833 | 1072 | Juncal Formation | Early- to Middle-Eocene | 1.5 - 2.1 \*\*\* | NaN |
| 17-OJ-09 | -119.296379 | 34.483925 | 281.634094 | 1892 | Cozy Dell Shale | Late-Eocene | 2.0 ± 0.1 | 35.3 ± 0.7 |
| Sisar Canyon Transect (SC) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-OSC-03 | -119.129829 | 34.464062 | 722.867859 | NaN | Matilija Sandstone | Middle- to Late-Eocene | 2.1 ± 0.1 | NaN |
| 18-OSC-05 | -119.130241 | 34.472504 | 1085.248657 | NaN | Juncal Formation | Early- to Middle-Eocene | 2.7 ± 0.2 | 11.8 - 40.5 \* |
| 18-OSC-07 | -119.105888 | 34.499298 | 1928.03418 | NaN | Juncal Formation | Early- to Middle-Eocene | 3.3 ± 0.2 | NaN |
| 18-OSC-10 | -119.140472 | 34.495853 | 1606.393555 | NaN | Matilija Sandstone | Middle- to Late-Eocene | 3.4 ± 0.02 | NaN |
| Santa Paula Canyon (SPC) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-SP-03 | -119.084305 | 34.437473 | 342.081726 | NaN | Coldwater Sandstone | Late-Eocene | 2.1 ± 0.1 | 56.3 ± 8.8 |
| Santa Paula Peak (SPP) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-SPP-02 | -119.01342 | 34.425354 | 760.014343 | NaN | Matilija Sandstone | Middle- to Late-Eocene | 1.3 ± 0.2 | NaN |
| 18-SPP-03 | -119.009666 | 34.440315 | 1511.761597 | NaN | Matilija Sandstone | Middle- to Late-Eocene | 2.7 ± 0.3 | 50.0 ± 7.8 |
| Hopper Mountain Transect (HM) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-FM-01 | -118.921783 | 34.452232 | 264.138763 | NaN | Sespe Formation | Oligocene | 1.7 ± 0.1 | 53.2 - 72.0 # |
| 17-FC-01 | -118.913345 | 34.456028 | 353.185913 | NaN | Vaqueros Sandstone | Oligocene to Eariy-Miocene | 1.6 ± 0.2 | NaN |
| 17-FC-02 | -118.91478 | 34.480381 | 755.562927 | NaN | Sespe Formation | Oligocene | 1.9 ± 0.4 | NaN |
| 17-FC-03 | -118.914879 | 34.474998 | 671.470764 | NaN | Sespe Formation | Oligocene | 1.7 ± 0.1 | NaN |
| 17-FC-04 | -118.904205 | 34.469498 | 552.181274 | NaN | Vaqueros Sandstone | Oligocene to Eariy-Miocene | 1.8 ± 0.2 | NaN |
| 18-FC-01 | -118.872154 | 34.477787 | 1262.757324 | NaN | Monterey Formation | Middle- to Late-Miocene | 3.3 ± 0.3 | NaN |
| 18-FC-02 | -118.884918 | 34.470207 | 1142.173706 | NaN | Monterey Formation | Middle- to Late-Miocene | 1.9 ± 0.2 | NaN |
| Santa Rosa Island Transect (SRI) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-SRI-05 | -120.122002 | 33.912277 | 248.641113 | 874 | Glendora Volcanics | Early-Miocene | 8.6 ± 1.3 | NaN |
| 18-SRI-06 | -120.118835 | 33.897503 | 159.964829 | 283 | South Point Sandstone | Middle-Eocene | 6.4 ± 0.1 | 51.3 - 85.0 # |
| 18-SRI-07 | -120.121429 | 33.900467 | 162.562973 | 397 | Sespe Formation | Oligocene | 8.4 ± 0.9 | NaN |
| 18-SRI-10 | -120.121727 | 33.910336 | 246.943298 | 647 | Sespe Formation | Oligocene | 7.6 ± 0.5 | NaN |
| Hollywood Transect (H) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-NC-01 | -118.361191 | 34.10828 | 175.806046 | 1 | Granitic Rocks | Cretaceous | 3.0 ± 0.1 | 22.1 ± 1.5 |
| 17-HW-01 | -118.350998 | 34.123623 | 292.080322 | 1755 | Middle Topanga Formation | Middle-Miocene | 7.1 ± 0.8 a | NaN |
| 17-HW-02 | -118.347138 | 34.124588 | 288.806458 | 1980 | Upper Topanga Formation | Middle-Miocene | 8.5 - 8.7 \*\*\* a | NaN |
| 17-HW-03 | -118.353302 | 34.112717 | 357.047882 | 855 | Granitic Rocks | Cretaceous | 4.6 ± 0.2 | NaN |
| 17-HW-04 | -118.353737 | 34.115681 | 377.733704 | 1020 | Unnamed Strata | Cretaceous | 8.6 ± 1.3 | NaN |
| 17-HW-06 | -118.323196 | 34.134628 | 510.949432 | 2476 | Upper Topanga Formation | Middle-Miocene | 8.7 ± 1.6 a | NaN |
| # Mean cooling age is older than the depositional age of the sedimentary rock. Range of grain ages reported instead of mean age. Grains not used in thermal modelling. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| \* Standard error is >20% of mean age, and two of four grain ages are the same as the depositional age of the sedimentary rock. Range of grain ages reported instead of mean age. Grains not used in thermal modelling. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| \*\* Standard error is >20% of mean age. Range of grain ages reported instead of mean age. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| \*\*\* Less than three grains analyzed or remaining after rejecting outliers and low-U grains. Range of grain ages reported instead of mean age. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| a Mean cooling age is within the depositional age of the sampled strata. Not used in inverse modeling, but predicted cooling histories and ages are included. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |

## Samples off Transects
| Sample Name | Longitude | Latitude | Elevation | Geologic Formation | Age of Formation | Mean Apatite He Age | Mean Zircon He Age |
| --- | --- | --- | --- | --- | --- | --- | --- |
| NaN | (degrees) | (degrees) | (m) | NaN | NaN | (Ma) | (Ma) |
| Matilija Canyon | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 17-OJ-05 | -119.272171 | 34.516617 | 586.380432 | Coldwater Sandstone | Late-Eocene | 2.7 ± 0.3 | 49.4 - 62.9 # \*\* |
| Gridley Canyon | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 17-GC-02 | -119.23568 | 34.500778 | 1252.768311 | Juncal Formation | Early- to Middle-Eocene | 3.3 ± 0.1 | 26.3 ± 3.5 |
| 17-GC-05 | -119.222717 | 34.490803 | 763.232544 | Juncal Formation | Early- to Middle-Eocene | 2.8 ± 0.2 | NaN |
| 17-GC-07 | -119.221497 | 34.475658 | 481.801422 | Cozy Dell Shale | Late-Eocene | 2.4 ± 0.3 | NaN |
| 17-GC-08 | -119.227608 | 34.465225 | 308.991455 | Coldwater Sandstone | Late-Eocene | 2.6 ± 0.2 | NaN |
| 17-GC-09 | -119.245934 | 34.462101 | 295.320679 | Sespe Formation | Oligocene | 3.6 ± 0.6 | NaN |
| Ojai Valley | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 17-OJ-01 | -119.201736 | 34.439762 | 367.713196 | Sespe Formation | Oligocene | 5.0 ± 0.8 | NaN |
| 17-OJ-03 | -119.268066 | 34.529335 | 801.494995 | Cozy Dell Shale | Late-Eocene | 2.3 ± 0.2 | NaN |
| 17-OJ-04 | -119.237038 | 34.547287 | 1094.122803 | Matilija Sandstone | Middle- to Late-Eocene | 2.7 ± 0.5 | NaN |
| 17-VC-01 | -119.314545 | 34.360432 | 78.544945 | Sespe Formation | Oligocene | 2.4 - 9.2 \*\* | NaN |
| Santa Paula Canyon | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-SP-01 | -119.082138 | 34.439327 | 355.722931 | Cozy Dell Shale | Late-Eocene | 2.3 ± 0.2 | NaN |
| Piru Canyon | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-PC-01 | -118.7612 | 34.466999 | 343.654297 | Monterey Formation | Middle- to Late-Miocene | 4.8 - 24.3 \*\* | NaN |
| 16-PC-02 | -118.813698 | 34.422279 | 333.199921 | Monterey Formation | Middle- to Late-Miocene | 5.9 ± 1.0 | 75.2 - 89.4 # |
| 16-PC-03 | -118.759697 | 34.471531 | 346.465088 | Monterey Formation | Middle- to Late-Miocene | 20.5 - 48.7 # \*\* | NaN |
| 16-PC-04 | -118.755699 | 34.46217 | 364.985474 | Monterey Formation | Middle- to Late-Miocene | 2.8 - 27.0 \*\* | 63.7 - 86.3 # |
| 16-PC-06 | -118.760696 | 34.488949 | 341.249634 | Monterey Formation | Middle- to Late-Miocene | - \*\*\*\* | NaN |
| Santa Susana Mountains | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 14-Sy-01 | -118.532806 | 34.333431 | 759.553528 | Towsley Formation | Late-Miocene | 14.4 - 35.3 # \*\*\* | NaN |
| 14-Sy-02 | -118.617333 | 34.374611 | 525.276245 | Towsley Formation | Late-Miocene | 14.0 - 24.8 # \*\*\* | NaN |
| Simi Hills | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 17-ESC-01b | -118.670113 | 34.197231 | 354.131775 | Detrital Sediments of Lindero Canyon | Middle Miocene | 22.3 - 43.7 # | NaN |
| 17-RP-01 | -118.637237 | 34.2686 | 501.115387 | Chatsworth Formation | Late-Cretaceous | 17.4 ± 1.0 | NaN |
| Santa Rosa Island | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-SRI-02 | -120.103577 | 33.950039 | 467.036438 | Rincon Formation | Early-Miocene | 12.0 - 34.3 # | NaN |
| 18-SRI-09 | -120.122864 | 33.908073 | 297.311371 | South Point Sandstone | Middle-Eocene | 7.6 ± 0.4 | NaN |
| Santa Cruz Island | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-PS-01 | -119.871964 | 33.980396 | 7.056611 | Beachers Bay Formation | Middle-Miocene | 21.9 - 31.9 # | NaN |
| 18-PS-03 | -119.862602 | 33.980156 | 14.73492 | Vaqueros Formation | Early-Miocene | 7.0 ± 0.6 | NaN |
| 18-PS-04 | -119.860428 | 33.982178 | 22.975882 | Jolla Viejo Formation | Middle-Eocene | 29.5 ± 2.7 | NaN |
| 18-PS-05 | -119.853867 | 33.991711 | 65.159226 | Canada Formation | Middle- to Late-Eocene | 18.2 ± 2.3 | NaN |
| 18-PS-06 | -119.854202 | 33.996574 | 194.669693 | Pozo Formation | Paleocene | 22.5 ± 0.4 | NaN |
| 18-PS-07 | -119.85186 | 34.000481 | 288.113373 | Rincon Formation | Early-Miocene | 10.4 - 79.2 # | NaN |
| 18-PS-08 | -119.87104 | 33.980698 | 14.634598 | San Onofre Breccia | Early-Miocene | 14.3 ± 0.9 | NaN |
| Central and Western Santa Monica Mountains | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-SM-02 | -118.793899 | 34.083 | 546.908203 | Lower Topanga Formation | Early- to Middle-Miocene | 2.2 - 6.3 \*\* | NaN |
| 16-YB-01 | -118.951027 | 34.077747 | 218.997986 | Lower Topanga Formation | Early- to Middle-Miocene | 5.2 ± 0.2 | NaN |
| 16-YB-02 | -118.950142 | 34.086842 | 304.247223 | Lower Topanga Formation | Early- to Middle-Miocene | 4.2 ± 0.8 | NaN |
| 17-PMB-01 | -119.064156 | 34.090336 | 4.936724 | Lower Topanga Formation | Early- to Middle-Miocene | 6.5 ± 0.4 | NaN |
| Hollywood | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 17-HW-09 | -118.342491 | 34.128346 | 293.88504 | Upper Topanga Formation | Middle-Miocene | 6.8 - 44.1 # \*\* | NaN |
| # Mean cooling age is older than the depositional age of the sedimentary rock. Range of grain ages reported instead of mean age. | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| \*\* Standard error is >20% of mean age. Range of grain ages reported instead of mean age. | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| \*\*\* Less than three grains analyzed or remaining after rejecting outliers and low-U grains. Range of grain ages reported instead of mean age. | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| \*\*\*\* All but one grain rejected due to <5 ppm U concentration. Mean age not reported | NaN | NaN | NaN | NaN | NaN | NaN | NaN |

## Raw elemental data
| Name | U | U SD | Th | Th SD | Sm | Sm SD | He | He error | He.1 | Shape1 | Effective Uranium (eU) | Mass | FT2 | Radius | Length | Uncorrected Age | Corrected Age | Age Error3 | Mean Age |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NaN | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) | (ncc) | (ncc) | (ncc/g) | NaN | (ppm) | (mg) | NaN | (um) | (um) | NaN | (Ma) | NaN | (Ma) |
| Rattlesnake Canyon | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-SBRC-03a | 15.52376 | 0.221526 | 20.196157 | 0.297004 | 127.385021 | 1.921109 | 0.023424 | 0.000183 | 7455.787678 | pp | 20.886586 | 0.003142 | 0.778706 | 56.981 | 120.139 | 2.747125 | 3.527808 | 0.037644 | 3.79 ± 0.34 |
| 18-SBRC-03b | 21.457977 | 0.307735 | 48.149499 | 0.684695 | 95.09821 | 1.485047 | 0.050485 | 0.000347 | 14098.331677 | np | 33.200451 | 0.003581 | 0.783172 | 56.984 | 136.922 | 3.391708 | 4.330733 | 0.042808 | NaN |
| 18-SBRC-03c | 8.602679 | 0.706127 | 7.082287 | 0.10227 | 26.292917 | 0.404668 | 0.014531 | 0.000145 | 2723.190462 | np | 10.391398 | 0.005336 | 0.814045 | 68.464 | 141.345 | 1.871568 | 2.299097 | 0.131711 | NaN |
| 18-SBRC-03d | 15.935701 | 0.240221 | 60.350429 | 0.860504 | 95.590238 | 1.507559 | 0.024031 | 0.000167 | 13922.023281 | np | 30.535653 | 0.001726 | 0.738177 | 49.2555 | 88.337 | 3.464307 | 4.693055 | 0.043144 | NaN |
| 18-SBRC-03e | 16.634789 | 0.237334 | 30.107445 | 0.432055 | 146.34171 | 2.369989 | 0.030039 | 0.000215 | 9224.853384 | np | 24.411639 | 0.003256 | 0.786180 | 60.751 | 109.546 | 2.966974 | 3.773911 | 0.038158 | NaN |
| 18-SBRC-03h | 13.422364 | 0.200005 | 2.13442 | 0.035119 | 69.686545 | 1.09158 | 0.014315 | 0.000132 | 6062.758341 | nn | 14.270251 | 0.002361 | 0.745635 | 47.273 | 131.187 | 3.059707 | 4.103494 | 0.052127 | NaN |
| 18-SBRC-05a | 13.73432 | 0.201851 | 18.338662 | 0.268476 | 59.937079 | 0.912637 | 0.024739 | 0.000221 | 5867.423177 | np | 18.325252 | 0.004216 | 0.794483 | 60.29 | 144.022 | 2.449918 | 3.083662 | 0.035814 | 2.99 ± 0.10 |
| 18-SBRC-05b | 45.025373 | 0.639842 | 87.423359 | 1.264697 | 79.628792 | 1.264805 | 0.047144 | 0.000382 | 18463.889054 | pp | 65.880583 | 0.002553 | 0.756945 | 50.3595 | 125.003 | 2.218837 | 2.931305 | 0.029381 | NaN |
| 18-SBRC-05c | 37.841479 | 0.551418 | 71.207145 | 1.01502 | 56.091127 | 0.906432 | 0.055648 | 0.000417 | 16319.988558 | pp | 54.784406 | 0.00341 | 0.788276 | 60.9525 | 113.954 | 2.373783 | 3.011359 | 0.031866 | NaN |
| 18-SBRC-05d | 18.097756 | 0.259499 | 47.411807 | 0.676707 | 99.248759 | 1.535534 | 0.024904 | 0.000289 | 7837.562948 | pp | 29.688362 | 0.003178 | 0.779514 | 57.1985 | 120.587 | 2.017336 | 2.587941 | 0.032705 | NaN |
| 18-SBRC-05f | 41.000408 | 0.583669 | 51.696257 | 0.735467 | 72.988535 | 1.116798 | 0.0637 | 0.000288 | 15610.679502 | np | 53.462275 | 0.004081 | 0.791554 | 59.227 | 144.431 | 2.344231 | 2.961557 | 0.028415 | NaN |
| 18-SBRC-05g | 37.886903 | 0.538519 | 59.810027 | 0.85128 | 54.660609 | 0.873452 | 0.109158 | 0.00034 | 17822.939019 | np | 52.155752 | 0.006125 | 0.823505 | 72.894 | 143.112 | 2.777145 | 3.372347 | 0.032242 | NaN |
| 18-SBRC-07a | 29.757864 | 0.422382 | 62.712888 | 0.891652 | 370.602177 | 5.564752 | 0.034482 | 0.000188 | 9859.090581 | np | 46.28569 | 0.003497 | 0.781068 | 56.3145 | 136.928 | 1.701181 | 2.17802 | 0.020601 | 2.02 ± 0.10 |
| 18-SBRC-07c | 30.924013 | 0.444282 | 75.706067 | 1.078774 | 231.226407 | 3.757801 | 0.013416 | 0.000153 | 7938.228481 | np | 49.795364 | 0.00169 | 0.721470 | 43.506 | 110.863 | 1.128128 | 1.563651 | 0.017728 | NaN |
| 18-SBRC-07d | 28.103086 | 0.402711 | 61.690934 | 0.878823 | 229.939559 | 3.509138 | 0.029315 | 0.000222 | 8971.127551 | nn | 43.688462 | 0.003268 | 0.751600 | 46.3815 | 188.599 | 1.603797 | 2.133846 | 0.020459 | NaN |
| 18-SBRC-07f | 46.641649 | 0.67204 | 74.752038 | 1.093964 | 190.566921 | 2.871097 | 0.027026 | 0.000171 | 12386.471086 | nn | 65.08646 | 0.002182 | 0.737419 | 45.5195 | 130.745 | 1.464973 | 1.986622 | 0.018506 | NaN |
| 18-SBRC-07g | 40.560299 | 0.582371 | 96.1929 | 1.369228 | 131.833189 | 2.089895 | 0.057516 | 0.000358 | 12509.901101 | nn | 63.728603 | 0.004598 | 0.791684 | 57.6395 | 171.82 | 1.571289 | 1.984742 | 0.019389 | NaN |
| 18-SBRC-07h | 8.30126 | 0.119233 | 26.032103 | 0.370963 | 280.316547 | 4.304748 | 0.01579 | 0.000117 | 3777.04549 | pp | 15.794355 | 0.004181 | 0.797529 | 62.2775 | 133.83 | 1.830540 | 2.295263 | 0.022954 | NaN |
| 18-SBRC-07 Zra | 1129.540584 | 16.235986 | 260.805915 | 3.697121 | NaN | NaN | 6.352154 | 0.004695 | 1660476.890024 | nn | 1190.569169 | 0.003825 | 0.770456 | 51.0185 | 182.48 | 11.537720 | 14.975185 | 0.158520 | 15.27 ± 0.64 |
| 18-SBRC-07 Zrb | 1697.760793 | 24.18362 | 308.474921 | 4.393438 | NaN | NaN | 15.229636 | 0.009621 | 2433019.539635 | nn | 1769.943925 | 0.00626 | 0.793467 | 55.656 | 250.901 | 11.375939 | 14.337001 | 0.157739 | NaN |
| 18-SBRC-07 Zrc ‡ | 525.798483 | 7.554442 | 163.030275 | 2.3213 | NaN | NaN | 9.997443 | 0.006496 | 2249890.310491 | nn | 563.947568 | 0.004444 | 0.778324 | 52.568 | 199.649 | 32.936693 | 42.317443 | 0.443943 | NaN |
| 18-SBRC-07 Zrd | 427.568873 | 6.115469 | 190.704318 | 2.72497 | NaN | NaN | 2.096987 | 0.001934 | 708432.99931 | nn | 472.193683 | 0.00296 | 0.751505 | 47.0395 | 166.094 | 12.393971 | 16.492207 | 0.161787 | NaN |
| Matilija Canyon | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-OJ-01a | 23.044263 | 0.395275 | 57.168484 | 0.818044 | 93.471662 | 1.411917 | 0.027969 | 0.000081 | 9834.047077 | np | 36.889046 | 0.002844 | 0.753355 | 47.931 | 153.706 | 2.051709 | 2.72343 | 0.025519 | 2.89 ± 0.30 |
| 16-OJ-01b | 24.701702 | 0.357507 | 7.516268 | 0.113073 | 81.620677 | 1.199362 | 0.016325 | 0.000084 | 9439.916718 | np | 26.868612 | 0.001729 | 0.716657 | 41.969 | 121.905 | 2.564399 | 3.57828 | 0.036647 | NaN |
| 16-OJ-01c | 18.630802 | 0.271942 | 4.987337 | 0.090035 | 337.978546 | 4.952567 | 0.015601 | 0.000178 | 6582.375628 | np | 21.487732 | 0.00237 | 0.752067 | 49.4925 | 120.138 | 2.334519 | 3.104134 | 0.042090 | NaN |
| 16-OJ-01d | 9.947654 | 0.148486 | 21.853764 | 0.321124 | 91.045244 | 1.390358 | 0.010815 | 0.000114 | 3803.924678 | pp | 15.516661 | 0.002843 | 0.772532 | 55.656 | 113.962 | 1.665872 | 2.156378 | 0.025863 | NaN |
| 16-OJ-01 Zra | 1140.905535 | 16.389772 | 1370.121407 | 19.990792 | NaN | NaN | 44.816197 | 0.063172 | 9911692.879181 | nn | 1461.513944 | 0.004522 | 0.782899 | 54.1135 | 191.716 | 55.781200 | 71.249543 | 0.642489 | - # |
| 16-OJ-01 Zrb | 723.497706 | 10.553072 | 966.85231 | 14.023277 | NaN | NaN | 21.928822 | 0.037029 | 6276208.418765 | nn | 949.741147 | 0.003494 | 0.760789 | 48.5895 | 183.745 | 54.345470 | 71.433011 | 0.632560 | NaN |
| 16-OJ-01 Zrc | 341.720505 | 4.914725 | 184.660665 | 2.673101 | NaN | NaN | 11.382532 | 0.007352 | 2062873.586884 | nn | 384.9311 | 0.005518 | 0.793355 | 56.551 | 214.224 | 44.174502 | 55.680659 | 0.577259 | NaN |
| 16-OJ-01 Zrd | 1757.912181 | 25.447348 | 319.800922 | 4.636306 | NaN | NaN | 42.935162 | 0.153575 | 9004686.287612 | nn | 1832.745597 | 0.004768 | 0.779791 | 52.5605 | 214.293 | 40.555721 | 52.008447 | 0.588696 | NaN |
| 16-OJ-02d | 43.765817 | 1.098596 | 38.226983 | 0.553993 | 216.388416 | 3.286521 | 0.022131 | 0.000277 | 10248.468557 | np | 53.792873 | 0.002159 | 0.748511 | 49.473 | 109.546 | 1.447687 | 1.93409 | 0.036204 | 2.03 ± 0.03 |
| 16-OJ-02e ‡ | 32.645884 | 0.482998 | 13.180395 | 0.199459 | 76.318227 | 1.146755 | 0.020604 | 0.000197 | 9020.375123 | np | 36.111687 | 0.002284 | 0.748304 | 48.585 | 120.145 | 1.872000 | 2.501657 | 0.030935 | NaN |
| 16-OJ-02g | 12.453733 | 0.180619 | 10.502633 | 0.15068 | 48.698813 | 0.759923 | 0.011544 | 0.000215 | 3568.512238 | np | 15.154844 | 0.003235 | 0.784932 | 60.0725 | 111.304 | 1.612323 | 2.054091 | 0.035102 | NaN |
| 16-OJ-02i | 39.004548 | 0.566672 | 84.856006 | 1.216228 | 144.669827 | 2.132725 | 0.038502 | 0.00019 | 12050.102826 | np | 59.584202 | 0.003195 | 0.778093 | 56.336 | 124.997 | 1.591193 | 2.044991 | 0.018251 | NaN |
| 16-OJ-02j | 18.989378 | 0.645721 | 16.908749 | 0.242962 | 442.481191 | 6.569703 | 0.013103 | 0.000137 | 5318.197303 | pp | 25.158432 | 0.002464 | 0.753372 | 49.4685 | 125.009 | 1.572327 | 2.087052 | 0.046281 | NaN |
| 16-OJ-02 Zra | 1229.083153 | 18.31386 | 353.803924 | 5.165754 | NaN | NaN | 12.610528 | 0.013031 | 4129563.906423 | nn | 1311.873271 | 0.003054 | 0.744192 | 44.836 | 188.607 | 26.006691 | 34.94622 | 0.366566 | 34.29 ± 3.77 |
| 16-OJ-02 Zrb | 385.5646 | 5.698681 | 285.12964 | 4.149577 | NaN | NaN | 2.792118 | 0.004465 | 1081527.46667 | nn | 452.284936 | 0.002582 | 0.737464 | 44.1685 | 164.306 | 19.731072 | 26.755302 | 0.251226 | NaN |
| 16-OJ-02 Zrc | 536.202455 | 8.038107 | 274.893363 | 4.020996 | NaN | NaN | 6.56205 | 0.005706 | 2346002.805508 | nn | 600.527502 | 0.002797 | 0.725844 | 41.0765 | 205.829 | 32.232678 | 44.407182 | 0.438199 | NaN |
| 16-OJ-02 Zrd | 454.897381 | 6.858053 | 156.610464 | 2.337692 | NaN | NaN | 3.302869 | 0.003885 | 1346493.915621 | nn | 491.544229 | 0.002453 | 0.729017 | 42.43 | 169.17 | 22.624048 | 31.033635 | 0.321276 | NaN |
| 17-OJ-05a | 104.136256 | 1.486172 | 394.637315 | 5.602008 | 131.456145 | 1.985205 | 0.10502 | 0.000193 | 42607.428794 | np | 197.138668 | 0.002465 | 0.753398 | 49.473 | 125.035 | 1.747134 | 2.319007 | 0.018002 | 2.72 ± 0.31 |
| 17-OJ-05b | 65.136128 | 0.922193 | 27.278854 | 0.390186 | 148.561551 | 2.262304 | 0.07754 | 0.000193 | 19469.768422 | np | 72.262188 | 0.003983 | 0.794526 | 61.3945 | 131.187 | 2.186820 | 2.752357 | 0.028852 | NaN |
| 17-OJ-05c | 14.377753 | 0.206698 | 22.033731 | 0.317556 | 81.967149 | 1.201374 | 0.01705 | 0.000212 | 4790.887026 | np | 19.943482 | 0.003559 | 0.795583 | 65.375 | 103.388 | 1.766276 | 2.220103 | 0.029271 | NaN |
| 17-OJ-05e | 97.493089 | 1.385603 | 157.545407 | 2.252012 | 339.841106 | 4.945836 | 0.118687 | 0.000474 | 44097.786139 | np | 136.05792 | 0.002691 | 0.741199 | 44.8575 | 166.073 | 2.652624 | 3.57883 | 0.031935 | NaN |
| 17-OJ-05 Zra | 2308.019549 | 34.356384 | 1115.097878 | 16.236907 | NaN | NaN | 28.096616 | 0.013235 | 11089039.322637 | nn | 2568.952452 | 0.002534 | 0.736989 | 44.1735 | 161.22 | 35.616447 | 48.327003 | 0.491077 | - # \*\* |
| 17-OJ-05 Zrb | 822.922788 | 12.201617 | 625.643582 | 9.027135 | NaN | NaN | 25.644227 | 0.007417 | 5701140.31329 | nn | 969.323387 | 0.004498 | 0.769796 | 49.6895 | 226.194 | 48.444761 | 62.93193 | 0.615942 | NaN |
| 17-OJ-05 Zrc | 1244.288713 | 18.455906 | 801.997365 | 11.828594 | NaN | NaN | 26.676121 | 0.015397 | 8139162.450524 | nn | 1431.956096 | 0.003278 | 0.768256 | 51.677 | 152.381 | 46.835396 | 60.963245 | 0.605776 | NaN |
| 17-OJ-05 Zrd | 1078.327428 | 15.934631 | 387.106123 | 5.572567 | NaN | NaN | 27.582218 | 0.010277 | 5468890.477933 | nn | 1168.91026 | 0.005043 | 0.780926 | 52.568 | 226.605 | 38.606177 | 49.436429 | 0.524868 | NaN |
| 17-OJ-06a | 14.586603 | 0.207871 | 31.541999 | 0.448992 | 125.78145 | 1.899147 | 0.021225 | 0.000358 | 4028.087637 | np | 22.596338 | 0.005269 | 0.813648 | 68.464 | 139.572 | 1.353023 | 1.66291 | 0.026572 | 1.64 ± 0.16 |
| 17-OJ-06b | 16.569625 | 0.236651 | 36.303011 | 0.516509 | 49.363886 | 0.752269 | 0.01224 | 0.000328 | 3695.578177 | pp | 25.311349 | 0.003312 | 0.785841 | 60.069 | 113.968 | 1.004750 | 1.278566 | 0.028719 | NaN |
| 17-OJ-06c | 20.140246 | 0.286099 | 15.360722 | 0.219295 | 112.890784 | 1.689946 | 0.029703 | 0.000233 | 5163.47937 | np | 24.299109 | 0.005753 | 0.810780 | 64.725 | 170.49 | 1.662294 | 2.050239 | 0.024279 | NaN |
| 17-OJ-06d | 19.071233 | 0.272227 | 64.553935 | 0.919743 | 158.602851 | 2.418874 | 0.021321 | 0.000192 | 5575.996841 | nn | 34.969868 | 0.003824 | 0.774773 | 52.5645 | 171.82 | 1.204017 | 1.554025 | 0.016096 | NaN |
| 17-OJ-06 Zra | 1146.637588 | 16.918785 | 380.597635 | 5.481951 | NaN | NaN | 16.510633 | 0.015069 | 1284065.980728 | nn | 1235.697435 | 0.012858 | 0.832397 | 68.4665 | 340.567 | 8.597671 | 10.328811 | 0.118915 | - \*\* |
| 17-OJ-06 Zrb | 1026.335855 | 15.26411 | 336.821476 | 4.872749 | NaN | NaN | 11.717052 | 0.006286 | 2054577.754293 | nn | 1105.152081 | 0.005703 | 0.798664 | 58.527 | 206.712 | 15.371901 | 19.247014 | 0.216241 | NaN |
| 17-OJ-06 Zrc | 1056.824008 | 15.663176 | 404.103139 | 5.832909 | NaN | NaN | 25.824206 | 0.017994 | 3744806.055937 | nn | 1151.384143 | 0.006896 | 0.793258 | 54.9915 | 283.132 | 26.863875 | 33.865245 | 0.367459 | NaN |
| 17-OJ-06 Zrd | 182.39547 | 2.687075 | 103.964378 | 1.502619 | NaN | NaN | 5.489782 | 0.004671 | 739348.822738 | nn | 206.723134 | 0.007425 | 0.813695 | 63.173 | 231.007 | 29.510194 | 36.266891 | 0.381697 | NaN |
| 17-OJ-07a | 24.51228 | 0.348429 | 27.323869 | 0.388836 | 34.457425 | 0.553286 | 0.018083 | 0.000135 | 5386.740578 | np | 31.078352 | 0.003357 | 0.787671 | 60.9525 | 112.188 | 1.271150 | 1.613808 | 0.018058 | 1.95 ± 0.53 |
| 17-OJ-07b | 49.887827 | 0.712669 | 118.475399 | 1.687058 | 242.59319 | 3.610761 | 0.067028 | 0.000354 | 22885.299768 | np | 78.824036 | 0.002929 | 0.781718 | 60.751 | 98.531 | 2.345410 | 3.000328 | 0.027801 | NaN |
| 17-OJ-07c ‡ | 5.720417 | 0.085616 | 6.886194 | 0.098916 | 55.906193 | 0.830853 | 0.018744 | 0.000154 | 6635.086574 | np | 7.611318 | 0.002825 | 0.776098 | 57.881 | 104.694 | 6.575027 | 8.471903 | 0.094991 | NaN |
| 17-OJ-07d | 76.627131 | 1.085095 | 213.496457 | 3.036703 | 88.037448 | 1.418351 | 0.031101 | 0.000183 | 15471.322347 | pp | 127.025489 | 0.00201 | 0.754555 | 54.1105 | 85.245 | 0.938089 | 1.243235 | 0.011085 | NaN |
| 17-OJ-07 Zra | 883.265547 | 13.112822 | 676.184934 | 9.859361 | NaN | NaN | 9.063285 | 0.005598 | 2165567.758439 | nn | 1041.492821 | 0.004185 | 0.769784 | 50.1355 | 206.731 | 17.168466 | 22.302961 | 0.222209 | 17.73 ± 3.13 |
| 17-OJ-07 Zrb | 388.423999 | 5.773589 | 112.057158 | 1.68845 | NaN | NaN | 1.462106 | 0.001809 | 443139.670168 | nn | 414.645374 | 0.003299 | 0.762148 | 49.4685 | 167.403 | 8.831827 | 11.588072 | 0.123950 | NaN |
| 17-OJ-07 Zrc | 368.504743 | 5.439663 | 162.323268 | 2.348059 | NaN | NaN | 3.983621 | 0.012004 | 531579.250265 | nn | 406.488387 | 0.007494 | 0.822053 | 67.816 | 202.315 | 10.809978 | 13.14997 | 0.149915 | NaN |
| 17-OJ-07 Zrd | 892.91735 | 13.421993 | 167.075159 | 2.418407 | NaN | NaN | 8.708049 | 0.005502 | 2055336.353165 | nn | 932.012937 | 0.004237 | 0.764178 | 48.3725 | 224.814 | 18.236391 | 23.86405 | 0.261532 | NaN |
| 17-OJ-08b | 41.080031 | 0.584736 | 82.189491 | 1.234663 | 114.005725 | 1.71819 | 0.013298 | 0.00015 | 9556.705799 | pp | 60.8824 | 0.001392 | 0.718736 | 45.4935 | 83.478 | 1.098026 | 1.527719 | 0.016588 | - \*\*\* |
| 17-OJ-08e | 18.158249 | 0.262382 | 38.975367 | 0.554877 | 113.663989 | 1.676811 | 0.009453 | 0.000131 | 6463.924524 | pp | 27.846805 | 0.001462 | 0.726878 | 47.9225 | 79.061 | 1.512225 | 2.080439 | 0.026313 | NaN |
| 17-OJ-09a | 26.982428 | 0.387614 | 58.528814 | 0.830899 | 65.104305 | 0.969706 | 0.024325 | 0.00026 | 7823.968515 | pp | 41.003692 | 0.003109 | 0.770635 | 53.2685 | 136.039 | 1.446196 | 1.876629 | 0.022022 | 2.03 ± 0.09 |
| 17-OJ-09b | 7.315625 | 0.106933 | 11.153788 | 0.15905 | 43.779299 | 0.658758 | 0.010936 | 0.000173 | 2254.217959 | np | 10.144508 | 0.004851 | 0.800951 | 61.634 | 158.564 | 1.506774 | 1.881231 | 0.029193 | NaN |
| 17-OJ-09c | 35.319477 | 0.503869 | 66.963388 | 0.952298 | 124.317533 | 1.809001 | 0.022538 | 0.000164 | 10894.470468 | pp | 51.610497 | 0.002069 | 0.727803 | 43.3125 | 136.922 | 1.593630 | 2.189644 | 0.020861 | NaN |
| 17-OJ-09d | 10.840144 | 0.155672 | 22.716014 | 0.32356 | 82.394874 | 1.257283 | 0.015863 | 0.000188 | 3871.72379 | np | 16.567665 | 0.004097 | 0.789018 | 57.8605 | 151.945 | 1.704118 | 2.159795 | 0.026414 | NaN |
| 17-OJ-09 Zra | 339.103059 | 5.010659 | 154.018132 | 2.240267 | NaN | NaN | 7.298683 | 0.011061 | 1247955.31926 | nn | 375.143302 | 0.005849 | 0.787455 | 53.8925 | 250.018 | 27.463971 | 34.876897 | 0.369042 | 35.29 ± 0.75 |
| 17-OJ-09 Zrb | 1182.369056 | 17.549849 | 316.23997 | 4.607141 | NaN | NaN | 12.267517 | 0.00748 | 3924998.600791 | np | 1256.369209 | 0.003125 | 0.753705 | 47.2785 | 173.609 | 25.812291 | 34.24722 | 0.368966 | NaN |
| 17-OJ-09 Zrc ‡ | 1046.110814 | 15.498915 | 285.932354 | 4.154635 | NaN | NaN | 14.465817 | 0.006763 | 4928046.021219 | nn | 1113.018985 | 0.002935 | 0.726824 | 41.0765 | 216.005 | 36.547847 | 50.284312 | 0.507573 | NaN |
| 17-OJ-09 Zrd | 2045.379278 | 30.208041 | 1252.118144 | 18.168173 | NaN | NaN | 16.477465 | 0.009158 | 7562047.94107 | nn | 2338.374923 | 0.002179 | 0.726663 | 42.6315 | 148.858 | 26.693520 | 36.734386 | 0.355519 | NaN |
| Gridley Canyon | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 17-GC-02b | 25.076918 | 0.3596 | 7.114303 | 0.10178 | 90.506245 | 1.311093 | 0.049321 | 0.000273 | 9050.905428 | pp | 27.194196 | 0.005449 | 0.799144 | 59.206 | 193.016 | 2.672328 | 3.343987 | 0.038436 | 3.29 ± 0.07 |
| 17-GC-02c | 13.067472 | 0.188213 | 15.784193 | 0.226311 | 76.685396 | 1.143878 | 0.015193 | 0.000228 | 5706.847865 | pp | 17.1444 | 0.002662 | 0.765643 | 53.4435 | 115.729 | 2.410358 | 3.148148 | 0.045383 | NaN |
| 17-GC-02d | 5.447199 | 0.078488 | 6.221191 | 0.089123 | 49.629109 | 0.761644 | 0.010608 | 0.00017 | 2808.163997 | pp | 7.151103 | 0.003777 | 0.787846 | 58.527 | 136.922 | 2.672167 | 3.391736 | 0.052028 | NaN |
| 17-GC-02e ‡ | 43.01642 | 0.61436 | 28.330055 | 0.4029 | 179.175318 | 2.61567 | 0.056596 | 0.000257 | 24469.628651 | np | 50.541529 | 0.002313 | 0.730999 | 43.285 | 153.274 | 3.908025 | 5.346146 | 0.051909 | NaN |
| 17-GC-02 Zra | 1265.816662 | 18.066103 | 529.226848 | 7.554685 | NaN | NaN | 10.545524 | 0.007655 | 3017010.096657 | nn | 1389.655744 | 0.003495 | 0.755493 | 47.0395 | 196.132 | 17.942153 | 23.748932 | 0.231352 | 26.3 ± 3.46 |
| 17-GC-02 Zrb | 557.312329 | 7.945419 | 141.040201 | 2.003081 | NaN | NaN | 5.265639 | 0.005994 | 1507315.371848 | nn | 590.315736 | 0.003493 | 0.760771 | 48.585 | 183.749 | 21.102201 | 27.737925 | 0.287967 | NaN |
| 17-GC-02 Zrc | 985.764556 | 14.163813 | 222.870469 | 3.164848 | NaN | NaN | 11.250255 | 0.015776 | 3322762.636268 | nn | 1037.916246 | 0.003386 | 0.754795 | 47.044 | 189.949 | 26.452272 | 35.045633 | 0.367106 | NaN |
| 17-GC-02 Zrd | 941.802378 | 13.419557 | 184.311438 | 2.618102 | NaN | NaN | 5.355636 | 0.00467 | 1642382.316616 | nn | 984.931254 | 0.003261 | 0.739187 | 43.294 | 216.005 | 13.792532 | 18.659055 | 0.191041 | NaN |
| 17-GC-05a | 36.039027 | 0.512267 | 96.415497 | 1.381632 | 435.826602 | 6.338907 | 0.048195 | 0.000273 | 14779.874698 | pp | 60.779387 | 0.003261 | 0.778762 | 56.3185 | 127.647 | 1.969770 | 2.529361 | 0.022831 | 2.83 ± 0.20 |
| 17-GC-05b | 52.45228 | 0.754558 | 136.469035 | 1.942912 | 134.38304 | 1.953212 | 0.039802 | 0.000235 | 21925.116858 | np | 85.057949 | 0.001815 | 0.733384 | 46.4025 | 104.679 | 2.023970 | 2.75977 | 0.024594 | NaN |
| 17-GC-05c | 41.567288 | 0.597359 | 45.529871 | 0.65529 | 129.771292 | 1.942932 | 0.031831 | 0.000153 | 15554.434524 | np | 52.870134 | 0.002046 | 0.746343 | 49.4765 | 103.796 | 2.291716 | 3.070595 | 0.029737 | NaN |
| 17-GC-05e | 11.021675 | 0.161808 | 20.208574 | 0.300029 | 43.135432 | 0.678772 | 0.012331 | 0.000089 | 6188.879892 | np | 15.966158 | 0.001993 | 0.729767 | 44.177 | 126.763 | 2.680602 | 3.673231 | 0.036433 | NaN |
| 17-GC-05f | 38.16852 | 0.560298 | 73.874314 | 1.062235 | 401.972294 | 5.900409 | 0.075961 | 0.000288 | 15147.420639 | np | 57.464971 | 0.005015 | 0.793855 | 57.6605 | 187.274 | 2.171725 | 2.73567 | 0.025348 | NaN |
| 17-GC-05g | 5.761764 | 0.083485 | 34.724742 | 0.49404 | 225.898562 | 3.307431 | 0.016323 | 0.000157 | 3530.42708 | pp | 15.016847 | 0.004624 | 0.803136 | 63.8235 | 140.931 | 1.784444 | 2.221847 | 0.024224 | NaN |
| 17-GC-07a | 6.93464 | 0.100213 | 49.087173 | 0.705907 | 54.960142 | 0.816786 | 0.025195 | 0.000189 | 6696.651662 | pp | 18.695839 | 0.003762 | 0.770113 | 51.038 | 179.332 | 2.725252 | 3.538771 | 0.035026 | 2.42 ± 0.26 |
| 17-GC-07b | 20.181996 | 0.28724 | 77.5892 | 1.106127 | 77.061433 | 1.178533 | 0.020094 | 0.000176 | 9765.238402 | np | 38.723176 | 0.002058 | 0.744363 | 48.5895 | 108.212 | 1.872077 | 2.515004 | 0.025332 | NaN |
| 17-GC-07d | 9.823387 | 0.599473 | 45.121507 | 0.666546 | 74.609571 | 1.128599 | 0.010462 | 0.000155 | 3905.600788 | pp | 20.754867 | 0.002679 | 0.769794 | 55.4385 | 108.212 | 1.253716 | 1.628639 | 0.042013 | NaN |
| 17-GC-07e | 27.238444 | 0.388655 | 80.355026 | 1.218044 | 85.550848 | 1.369015 | 0.030718 | 0.000114 | 9735.960295 | np | 46.469274 | 0.003155 | 0.769404 | 52.5645 | 141.78 | 1.618888 | 2.10408 | 0.017738 | NaN |
| 17-GC-07f | 18.297943 | 0.259736 | 70.585741 | 1.00871 | 67.729724 | 1.058418 | 0.022782 | 0.000176 | 8325.969435 | np | 35.153656 | 0.002736 | 0.750186 | 47.2855 | 151.945 | 1.782000 | 2.375412 | 0.022576 | NaN |
| 17-GC-07g | 47.111573 | 0.673401 | 122.80933 | 1.784306 | 130.652882 | 1.945907 | 0.036976 | 0.000176 | 16522.468548 | nn | 76.502221 | 0.002238 | 0.723646 | 41.7445 | 159.453 | 1.689447 | 2.33463 | 0.019681 | NaN |
| 17-GC-08a | 13.303542 | 0.193436 | 18.549543 | 0.270289 | 85.314082 | 1.363611 | 0.010776 | 0.00013 | 4297.648259 | np | 18.070705 | 0.002507 | 0.728502 | 42.186 | 174.934 | 1.609893 | 2.209866 | 0.026318 | 2.56 ± 0.17 |
| 17-GC-08c ‡ | 6.935652 | 0.099674 | 14.424892 | 0.207207 | 44.295067 | 0.652415 | 0.023588 | 0.000161 | 8994.572307 | np | 10.532552 | 0.002622 | 0.750952 | 47.9225 | 141.78 | 6.517163 | 8.678536 | 0.081524 | NaN |
| 17-GC-08d | 34.115572 | 0.486568 | 21.27468 | 0.304461 | 21.178879 | 0.361123 | 0.02204 | 0.000136 | 11334.317581 | np | 39.199741 | 0.001945 | 0.705369 | 38.698 | 161.22 | 2.168420 | 3.074165 | 0.031198 | NaN |
| 17-GC-08e | 8.002041 | 0.115428 | 18.395278 | 0.262348 | 119.659006 | 1.744774 | 0.011705 | 0.000125 | 3215.865979 | nn | 12.904831 | 0.00364 | 0.766644 | 50.139 | 179.77 | 1.747217 | 2.279048 | 0.025960 | NaN |
| 17-GC-08g | 41.828373 | 0.595655 | 38.694693 | 0.550745 | 65.333087 | 1.034235 | 0.047081 | 0.000187 | 14095.492602 | pp | 51.209596 | 0.00334 | 0.776322 | 54.769 | 138.253 | 2.184223 | 2.813551 | 0.027279 | NaN |
| 17-GC-08h | 155.2104 | 2.210489 | 156.217648 | 2.225083 | 80.015874 | 1.216009 | 0.100736 | 0.000434 | 42923.436278 | np | 192.165409 | 0.002347 | 0.751066 | 49.2475 | 120.145 | 1.810341 | 2.410361 | 0.022939 | NaN |
| 17-GC-09a | 10.242136 | 0.147572 | 23.059215 | 0.331875 | 82.50807 | 1.201748 | 0.020191 | 0.000218 | 5415.373874 | np | 16.050532 | 0.003729 | 0.781138 | 55.4385 | 150.624 | 2.541684 | 3.253822 | 0.038245 | 3.61 ± 0.58 |
| 17-GC-09b | 30.733392 | 0.439766 | 66.715951 | 0.946913 | 162.596387 | 2.450934 | 0.032514 | 0.000232 | 11675.72812 | pp | 47.157906 | 0.002785 | 0.763221 | 51.681 | 129.45 | 1.934848 | 2.535109 | 0.024956 | NaN |
| 17-GC-09c | 10.598333 | 0.15473 | 26.681369 | 0.379159 | 94.008553 | 1.400326 | 0.025101 | 0.000197 | 9017.748753 | np | 17.311816 | 0.002783 | 0.763196 | 51.677 | 129.413 | 4.015669 | 5.261646 | 0.051916 | NaN |
| 17-GC-09d | 16.596504 | 0.238885 | 72.711621 | 1.03649 | 73.260798 | 1.089828 | 0.017127 | 0.000189 | 11189.35699 | pp | 33.977327 | 0.001531 | 0.708686 | 41.0765 | 112.637 | 2.395516 | 3.38022 | 0.035447 | NaN |
| Ojai Valley | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 17-OJ-01a † | 4.724534 | 0.069661 | 16.148657 | 0.230602 | 35.657116 | 0.581304 | 0.011057 | 0.00019 | 3412.859233 | np | 8.681605 | 0.00324 | 0.767923 | 51.677 | 150.624 | 2.662584 | 3.467253 | 0.053112 | 4.98 ± 0.83 |
| 17-OJ-01b † | 4.167428 | 0.064446 | 20.944098 | 0.299647 | 345.634861 | 5.072357 | 0.019063 | 0.000303 | 5486.569261 | np | 10.796521 | 0.003474 | 0.768668 | 51.2395 | 164.306 | 4.230581 | 5.50378 | 0.080088 | NaN |
| 17-OJ-01c | 85.600109 | 1.217215 | 28.024073 | 0.398659 | 205.269452 | 3.090561 | 0.158629 | 0.000417 | 49827.219357 | nn | 93.184089 | 0.003184 | 0.758500 | 48.593 | 167.398 | 4.404614 | 5.807004 | 0.060094 | NaN |
| 17-OJ-01d | 11.396646 | 0.164937 | 62.285511 | 0.888706 | 493.622365 | 7.162214 | 0.055759 | 0.000266 | 11297.151416 | np | 28.439567 | 0.004936 | 0.811509 | 68.464 | 130.738 | 3.362238 | 4.143191 | 0.037070 | NaN |
| 17-OJ-03a | 23.556929 | 0.337486 | 72.766643 | 1.036788 | 104.541542 | 1.818131 | 0.03239 | 0.000227 | 9605.584566 | pp | 41.107031 | 0.003372 | 0.776621 | 54.769 | 139.572 | 1.816932 | 2.339536 | 0.022550 | 2.34 ± 0.18 |
| 17-OJ-03c | 8.2163 | 0.130159 | 59.037882 | 0.849393 | 578.929887 | 8.482904 | 0.012312 | 0.000104 | 5180.357958 | np | 24.925814 | 0.002377 | 0.752104 | 49.4685 | 120.587 | 1.551849 | 2.063345 | 0.020989 | NaN |
| 17-OJ-03e | 83.197534 | 1.186111 | 161.569248 | 2.301317 | 367.037355 | 5.591921 | 0.075207 | 0.000347 | 34699.590764 | pp | 122.839925 | 0.002167 | 0.734873 | 44.8395 | 133.842 | 2.290808 | 3.117285 | 0.026634 | NaN |
| 17-OJ-03g | 5.515232 | 0.082975 | 50.372154 | 0.721843 | 117.807149 | 1.825117 | 0.013995 | 0.00018 | 4522.500468 | np | 17.891352 | 0.003094 | 0.770394 | 53.23 | 135.597 | 1.807054 | 2.345622 | 0.029793 | NaN |
| 17-OJ-03h | 15.389396 | 0.235057 | 42.932481 | 0.616331 | 59.572575 | 1.014766 | 0.016061 | 0.00013 | 6338.797165 | nn | 25.73346 | 0.002534 | 0.757781 | 50.798 | 121.912 | 1.779442 | 2.348227 | 0.024000 | NaN |
| 17-OJ-03i | 14.574704 | 0.723742 | 79.936873 | 1.144694 | 219.779894 | 3.248869 | 0.01405 | 0.000172 | 6445.657729 | nn | 34.378831 | 0.00218 | 0.737315 | 45.498 | 130.741 | 1.342800 | 1.821202 | 0.034950 | NaN |
| 17-OJ-04b | 9.231543 | 0.139553 | 23.468993 | 0.34205 | 347.695981 | 5.276381 | 0.011087 | 0.000131 | 4418.975768 | np | 16.461767 | 0.002509 | 0.735880 | 43.9565 | 161.224 | 1.949363 | 2.649024 | 0.030983 | 2.65 ± 0.47 |
| 17-OJ-04d | 46.789875 | 0.665893 | 120.608077 | 1.71595 | 120.920041 | 1.820547 | 0.018002 | 0.000161 | 12409.357951 | np | 75.616765 | 0.001451 | 0.709125 | 41.7445 | 103.362 | 1.201853 | 1.694841 | 0.016358 | NaN |
| 17-OJ-04f | 19.239514 | 0.276493 | 43.240557 | 0.615441 | 62.841345 | 0.933273 | 0.017961 | 0.000138 | 5359.151897 | np | 29.672011 | 0.003352 | 0.776445 | 54.776 | 138.689 | 1.325603 | 1.707271 | 0.016996 | NaN |
| 17-OJ-04h | 76.918928 | 1.115699 | 55.039684 | 0.799245 | 306.325679 | 4.478564 | 0.045417 | 0.000255 | 34482.844031 | np | 91.329842 | 0.001317 | 0.705786 | 41.9885 | 92.754 | 3.016306 | 4.273683 | 0.041879 | NaN |
| 17-OJ-04j | 23.010293 | 0.338477 | 77.127791 | 1.106995 | 92.36352 | 1.656916 | 0.016435 | 0.000151 | 12000.050878 | np | 41.520014 | 0.00137 | 0.720009 | 46.377 | 79.063 | 2.092777 | 2.906598 | 0.028946 | NaN |
| 17-VC-01b | 75.195078 | 1.072151 | 74.945821 | 1.069919 | 129.909684 | 1.956283 | 0.042118 | 0.000438 | 20898.287806 | pp | 93.381949 | 0.002015 | 0.753253 | 53.223 | 88.337 | 1.766644 | 2.345354 | 0.028453 | - \*\* |
| 17-VC-01c | 10.381527 | 0.149365 | 35.575296 | 0.509171 | 143.348584 | 2.067914 | 0.079022 | 0.000419 | 17097.583749 | np | 19.42289 | 0.004622 | 0.790365 | 56.981 | 176.74 | 7.253998 | 9.178039 | 0.082841 | NaN |
| 17-VC-01d† | 4.894149 | 0.074513 | 25.498758 | 0.370141 | 340.172801 | 4.967675 | 0.02206 | 0.000256 | 10273.848392 | pp | 12.561722 | 0.002147 | 0.750400 | 50.3595 | 105.121 | 6.776756 | 9.030855 | 0.103175 | NaN |
| 17-VC-01e | 13.298472 | 0.189764 | 27.223942 | 0.388466 | 232.113072 | 3.37725 | 0.060531 | 0.000302 | 13912.824197 | np | 20.82944 | 0.004351 | 0.792068 | 58.5295 | 157.687 | 5.550662 | 7.007808 | 0.065400 | NaN |
| Sisar Canyon | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-OSC-03a | 42.49049 | 0.604935 | 54.344531 | 0.770587 | 90.572047 | 1.317244 | 0.034481 | 0.000199 | 9163.273015 | nn | 55.659971 | 0.003763 | 0.773763 | 52.34 | 170.547 | 1.284858 | 1.660532 | 0.016817 | 2.05 ± 0.14 |
| 18-OSC-03b | 34.995105 | 0.498313 | 15.272677 | 0.217501 | 184.812401 | 2.683962 | 0.043052 | 0.000292 | 8597.551918 | nn | 39.492974 | 0.005008 | 0.795245 | 58.309 | 182.866 | 1.744992 | 2.194283 | 0.025183 | NaN |
| 18-OSC-03d | 61.698364 | 0.879112 | 118.955956 | 1.688441 | 116.901507 | 1.815477 | 0.050001 | 0.000376 | 16001.386045 | nn | 90.118565 | 0.003125 | 0.758013 | 48.593 | 164.308 | 1.410070 | 1.860218 | 0.018143 | NaN |
| 18-OSC-03f | 16.384664 | 0.236496 | 49.77043 | 0.707281 | 34.731924 | 0.517277 | 0.019309 | 0.0002 | 5935.405564 | nn | 28.204604 | 0.003253 | 0.770319 | 52.561 | 146.203 | 1.551760 | 2.014436 | 0.022368 | NaN |
| 18-OSC-03g | 17.783964 | 0.253148 | 58.662996 | 0.83162 | 142.915975 | 2.050038 | 0.058313 | 0.000181 | 6402.14208 | pp | 32.225685 | 0.009108 | 0.833956 | 73.104 | 211.612 | 1.603597 | 1.92288 | 0.017054 | NaN |
| 18-OSC-03h | 22.755921 | 0.324371 | 38.757385 | 0.551244 | 111.075975 | 1.625305 | 0.043379 | 0.000182 | 8636.290134 | nn | 32.380529 | 0.005023 | 0.797635 | 59.413 | 176.673 | 2.121913 | 2.660254 | 0.025085 | NaN |
| 18-OSC-05a | 92.869705 | 1.322319 | 78.82424 | 1.119095 | 274.000767 | 3.957103 | 0.10346 | 0.000211 | 31554.488337 | np | 112.684581 | 0.003279 | 0.775779 | 54.7905 | 135.608 | 2.289145 | 2.950768 | 0.027598 | 2.70 ± 0.21 |
| 18-OSC-05b † | 3.75294 | 0.053852 | 15.292549 | 0.218248 | 213.070214 | 3.101853 | 0.014272 | 0.00011 | 2284.613403 | np | 8.396747 | 0.006247 | 0.817664 | 67.8015 | 168.723 | 2.112277 | 2.583308 | 0.026637 | NaN |
| 18-OSC-05d | 6.27476 | 0.091597 | 21.400169 | 0.304516 | 265.843216 | 3.945473 | 0.012571 | 0.000133 | 4393.974165 | pp | 12.611615 | 0.002861 | 0.771052 | 54.773 | 118.401 | 2.596478 | 3.367448 | 0.037356 | NaN |
| 18-OSC-05e | 11.658207 | 0.169545 | 45.616208 | 0.647576 | 411.687421 | 5.898086 | 0.017677 | 0.000152 | 6255.37198 | pp | 24.390836 | 0.002826 | 0.760332 | 50.3755 | 138.258 | 1.986559 | 2.612752 | 0.025692 | NaN |
| 18-OSC-05f | 11.9014 | 0.170083 | 35.377528 | 0.501699 | 148.845106 | 2.186769 | 0.011971 | 0.000094 | 5545.889345 | np | 20.923968 | 0.002159 | 0.756541 | 53.2455 | 94.53 | 1.849868 | 2.445165 | 0.023744 | NaN |
| 18-OSC-05h | 59.310018 | 0.853127 | 91.700829 | 1.300652 | 62.401568 | 0.901942 | 0.03338 | 0.000143 | 16485.558624 | np | 81.08002 | 0.002025 | 0.734784 | 45.4935 | 121.47 | 1.577375 | 2.146718 | 0.018989 | NaN |
| 18-OSC-05 Zra | 238.493644 | 3.416646 | 135.846638 | 1.943931 | NaN | NaN | 1.548622 | 0.001635 | 560791.763028 | nn | 270.281757 | 0.002761 | 0.744252 | 45.498 | 165.631 | 17.121223 | 23.004606 | 0.214496 | - \* |
| 18-OSC-05 Zrb | 797.128293 | 11.391644 | 614.259228 | 8.791126 | NaN | NaN | 6.993326 | 0.004494 | 3319409.164524 | nn | 940.864952 | 0.002107 | 0.719036 | 41.0765 | 155.031 | 29.099341 | 40.469947 | 0.354846 | NaN |
| 18-OSC-05 Zrc | 571.044966 | 8.148477 | 412.513451 | 5.876897 | NaN | NaN | 6.233477 | 0.005701 | 2069128.356069 | nn | 667.573113 | 0.003013 | 0.741231 | 44.1735 | 191.691 | 25.574097 | 34.502193 | 0.321091 | NaN |
| 18-OSC-05 Zrd | 479.26107 | 6.857301 | 230.085607 | 3.29221 | NaN | NaN | 1.467669 | 0.002069 | 559057.021176 | nn | 533.101102 | 0.002625 | 0.737045 | 43.9525 | 168.728 | 8.661425 | 11.751555 | 0.114220 | NaN |
| 18-OSC-07b | 26.217575 | 0.373538 | 29.431091 | 0.41866 | 22.149705 | 0.676997 | 0.031134 | 0.000213 | 9899.873083 | pp | 33.215199 | 0.003145 | 0.779933 | 57.6465 | 117.501 | 2.302140 | 2.951716 | 0.030790 | 3.27 ± 0.23 |
| 18-OSC-07c | 6.166204 | 0.091786 | 32.017965 | 0.453727 | 283.744654 | 4.218217 | 0.010875 | 0.000153 | 4497.767961 | pp | 15.077131 | 0.002418 | 0.760053 | 52.5605 | 108.662 | 2.130356 | 2.802903 | 0.036839 | NaN |
| 18-OSC-07d | 17.392145 | 0.250815 | 40.302324 | 0.573921 | 143.567915 | 2.073555 | 0.034782 | 0.000125 | 11510.671168 | nn | 27.540729 | 0.003022 | 0.767511 | 52.3435 | 136.933 | 3.302257 | 4.30255 | 0.036915 | NaN |
| 18-OSC-07f | 35.397379 | 0.503802 | 25.609775 | 0.364234 | 88.448571 | 1.34103 | 0.018993 | 0.00013 | 12001.184575 | np | 41.832309 | 0.001583 | 0.712647 | 41.7675 | 112.637 | 2.127312 | 2.985086 | 0.030011 | NaN |
| 18-OSC-07g | 38.803013 | 0.554264 | 9.068503 | 0.133043 | 34.285946 | 0.546985 | 0.024242 | 0.000114 | 13888.126207 | np | 41.096473 | 0.001746 | 0.724233 | 43.9525 | 112.188 | 2.564461 | 3.540935 | 0.037072 | NaN |
| 18-OSC-07h | 34.466404 | 0.492813 | 153.862082 | 2.187172 | 504.399913 | 7.320773 | 0.047508 | 0.00019 | 20647.402094 | np | 72.992131 | 0.002301 | 0.753140 | 50.3565 | 112.66 | 2.282962 | 3.031257 | 0.025313 | NaN |
| 18-OSC-10a | 22.371497 | 0.321221 | 11.297052 | 0.182475 | 70.359199 | 1.027809 | 0.018058 | 0.000174 | 8610.514554 | pp | 25.366803 | 0.002097 | 0.736756 | 45.723 | 124.555 | 2.508584 | 3.404906 | 0.039643 | 3.42 ± 0.02 |
| 18-OSC-10b | 100.67963 | 1.439919 | 130.759223 | 1.859946 | 729.989518 | 10.601521 | 0.059588 | 0.000143 | 40027.187862 | nn | 134.927235 | 0.001489 | 0.707621 | 41.0765 | 109.546 | 2.413083 | 3.410136 | 0.028166 | NaN |
| 18-OSC-10d | 29.597057 | 0.423335 | 28.558023 | 0.405048 | 159.549636 | 2.332739 | 0.022355 | 0.000184 | 12438.804289 | pp | 37.077383 | 0.001797 | 0.738584 | 48.585 | 94.53 | 2.553854 | 3.457769 | 0.036932 | NaN |
| Santa Paula Canyon | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-SP-01b | 79.032244 | 1.128191 | 93.302072 | 1.3543 | 87.229441 | 1.371828 | 0.034553 | 0.000214 | 17659.124131 | pp | 101.301077 | 0.001957 | 0.738337 | 47.091 | 109.552 | 1.357020 | 1.837941 | 0.018505 | 2.32 ± 0.21 |
| 16-SP-01c | 10.98994 | 0.164369 | 18.540098 | 0.268821 | 309.037545 | 4.560875 | 0.01225 | 0.000181 | 4862.205714 | pp | 16.873511 | 0.002519 | 0.746971 | 47.044 | 141.339 | 2.117376 | 2.834617 | 0.038733 | NaN |
| 16-SP-01h | 46.316586 | 0.666072 | 77.231551 | 1.120374 | 368.368788 | 5.567025 | 0.031752 | 0.000103 | 15422.747033 | np | 66.230613 | 0.002059 | 0.742619 | 47.9225 | 111.304 | 1.833298 | 2.468694 | 0.020777 | NaN |
| 16-SP-01j | 16.166744 | 0.237326 | 48.717861 | 0.696262 | 230.204713 | 3.506867 | 0.01228 | 0.000529 | 6330.815713 | np | 28.717747 | 0.00194 | 0.723116 | 42.6315 | 132.512 | 1.552245 | 2.146606 | 0.068079 | NaN |
| 16-SP-03b | 13.945127 | 0.340732 | 22.322921 | 0.432025 | 60.993347 | 0.918574 | 0.011155 | 0.000645 | 4066.418562 | pp | 19.473657 | 0.002743 | 0.771925 | 56.094 | 108.245 | 1.415887 | 1.834229 | 0.084945 | 2.12 ± 0.11 |
| 16-SP-03c | 28.55245 | 0.410076 | 39.937016 | 0.574839 | 47.786231 | 0.796763 | 0.024917 | 0.000649 | 8638.509883 | np | 38.136642 | 0.002884 | 0.768094 | 53.2455 | 126.321 | 1.720878 | 2.240454 | 0.049477 | NaN |
| 16-SP-03d | 36.807222 | 0.546705 | 23.573884 | 0.340568 | 140.62533 | 2.129602 | 0.026285 | 0.000177 | 10072.60185 | np | 43.026637 | 0.00261 | 0.743508 | 45.714 | 155.041 | 1.804173 | 2.426567 | 0.026498 | NaN |
| 16-SP-03e | 97.682182 | 1.397753 | 102.457061 | 1.460888 | 81.866563 | 1.264573 | 0.090507 | 0.000291 | 26064.967479 | np | 122.066467 | 0.003472 | 0.777032 | 54.552 | 144.872 | 1.727960 | 2.223795 | 0.020972 | NaN |
| 16-SP-03f | 19.886172 | 1.541378 | 30.540351 | 0.470995 | 26.704734 | 0.434873 | 0.013929 | 0.000104 | 5594.02355 | np | 27.166138 | 0.00249 | 0.763056 | 53.448 | 108.221 | 1.448953 | 1.898883 | 0.082896 | NaN |
| 16-SP-03 Zra | 273.487791 | 3.898023 | 192.915542 | 2.752171 | NaN | NaN | 6.321932 | 0.004923 | 2168099.452314 | np | 318.630028 | 0.002916 | 0.760648 | 50.139 | 144.013 | 56.003099 | 73.62555 | 0.689254 | 56.33 ± 8.79 |
| 16-SP-03 Zrb ‡ | 315.321126 | 4.508967 | 102.310839 | 1.463968 | NaN | NaN | 14.712272 | 0.012833 | 4861144.639659 | nn | 339.261863 | 0.003027 | 0.746517 | 45.494 | 181.558 | 117.405387 | 157.270906 | 1.492395 | NaN |
| 16-SP-03 Zrc | 393.85643 | 5.665444 | 148.651846 | 2.129638 | NaN | NaN | 3.507786 | 0.003363 | 1707451.914582 | nn | 428.640962 | 0.002054 | 0.730755 | 44.1685 | 130.75 | 32.867410 | 44.977313 | 0.436415 | NaN |
| 16-SP-03 Zrd | 1213.369924 | 17.388144 | 298.824171 | 4.292298 | NaN | NaN | 16.777792 | 0.014568 | 5845235.002502 | nn | 1283.29478 | 0.00287 | 0.746053 | 45.719 | 170.499 | 37.598081 | 50.395965 | 0.509062 | NaN |
| Santa Paula Peak | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-SPP-02a | 40.319352 | 0.580137 | 107.172621 | 1.522965 | 267.272074 | 3.912679 | 0.0111 | 0.000195 | 7248.396676 | np | 66.734106 | 0.001531 | 0.708742 | 41.086 | 112.637 | 0.736846 | 1.039654 | 0.015030 | 1.33 ± 0.16 |
| 18-SPP-02b | 106.418714 | 1.547807 | 50.992848 | 0.72928 | 209.791488 | 3.267133 | 0.025541 | 0.000265 | 19619.121408 | pp | 119.399997 | 0.001302 | 0.706797 | 42.459 | 89.662 | 1.256496 | 1.777734 | 0.021001 | NaN |
| 18-SPP-02c | 52.561807 | 0.752497 | 163.392151 | 2.327456 | 178.065101 | 2.688346 | 0.015778 | 0.000173 | 10565.05921 | pp | 91.685896 | 0.001493 | 0.715700 | 43.29 | 98.946 | 0.828708 | 1.157899 | 0.012340 | NaN |
| 18-SPP-02d | 149.063081 | 2.126538 | 153.85407 | 2.189817 | 146.925205 | 2.194111 | 0.038869 | 0.000147 | 27714.246963 | np | 185.799559 | 0.001403 | 0.710750 | 42.6225 | 95.854 | 1.169610 | 1.645599 | 0.014454 | NaN |
| 18-SPP-02e | 39.261854 | 0.660314 | 77.056969 | 1.099934 | 67.72979 | 1.028184 | 0.010636 | 0.000141 | 6521.129488 | nn | 57.631834 | 0.001631 | 0.724337 | 44.8395 | 100.719 | 0.752417 | 1.038767 | 0.013670 | NaN |
| 18-SPP-03a | 22.380325 | 0.325 | 48.104328 | 0.683675 | 91.633753 | 1.352978 | 0.011647 | 0.000162 | 6391.640732 | np | 34.094906 | 0.001822 | 0.733502 | 46.3895 | 105.136 | 1.280144 | 1.745249 | 0.022264 | 2.66 ± 0.26 |
| 18-SPP-03b | 19.624731 | 0.283227 | 31.52088 | 0.449126 | 126.789608 | 1.9212 | 0.0164 | 0.000146 | 9748.779386 | np | 27.634565 | 0.001682 | 0.725688 | 44.8575 | 103.804 | 2.583623 | 3.560237 | 0.036410 | NaN |
| 18-SPP-03c | 34.300981 | 0.550795 | 21.205082 | 0.310946 | 36.175548 | 0.579351 | 0.0228 | 0.000189 | 10251.52123 | pp | 39.443848 | 0.002224 | 0.756187 | 52.3625 | 100.713 | 1.958840 | 2.590418 | 0.031990 | NaN |
| 18-SPP-03e | 106.589765 | 1.511568 | 176.552709 | 2.50839 | 188.998069 | 2.913318 | 0.078789 | 0.000292 | 41766.778067 | np | 148.848089 | 0.001886 | 0.724677 | 43.285 | 125.009 | 2.264806 | 3.125261 | 0.026411 | NaN |
| 18-SPP-03f | 34.534592 | 0.491603 | 38.523894 | 0.548505 | 58.311348 | 0.917386 | 0.041916 | 0.000226 | 11700.003255 | pp | 43.84074 | 0.003583 | 0.789796 | 60.735 | 120.587 | 2.105056 | 2.665315 | 0.027251 | NaN |
| 18-SPP-03g | 45.657751 | 0.65913 | 67.386244 | 0.96944 | 71.348036 | 1.058461 | 0.043798 | 0.000161 | 13509.346579 | np | 61.782872 | 0.003242 | 0.758956 | 48.5895 | 170.499 | 1.726179 | 2.274412 | 0.020747 | NaN |
| 18-SPP-06 Zra | 686.948219 | 9.785344 | 449.122732 | 6.373272 | NaN | NaN | 37.426513 | 0.026606 | 4703453.186809 | nn | 792.042938 | 0.007957 | 0.820322 | 66.0315 | 226.591 | 48.923336 | 59.639154 | 0.603563 | 50.00 ± 7.78 |
| 18-SPP-06 Zrb | 896.67199 | 12.805417 | 310.657328 | 4.419429 | NaN | NaN | 35.09104 | 0.017991 | 5055413.705367 | nn | 969.365805 | 0.006941 | 0.810624 | 62.281 | 222.183 | 43.018889 | 53.068872 | 0.574063 | NaN |
| 18-SPP-06 Zrc | 981.714576 | 14.036564 | 145.981885 | 2.090055 | NaN | NaN | 26.309403 | 0.013365 | 5718204.954191 | nn | 1015.874337 | 0.004601 | 0.772398 | 50.3565 | 225.28 | 46.440710 | 60.125381 | 0.640050 | NaN |
| 18-SPP-06 Zrd | 604.691295 | 8.633973 | 99.596802 | 1.416229 | NaN | NaN | 6.429246 | 0.005147 | 1595677.944483 | nn | 627.996947 | 0.004029 | 0.773596 | 51.681 | 187.299 | 21.006309 | 27.154092 | 0.298455 | NaN |
| Hopper Mountain | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-FM-01a | 76.481848 | 1.727243 | 9.731211 | 0.149815 | 259.929155 | 3.943173 | 0.043883 | 0.000264 | 16172.879107 | np | 80.058597 | 0.002713 | 0.764421 | 52.568 | 121.912 | 1.613570 | 2.110841 | 0.036578 | 1.67 ± 0.12 |
| 16-FM-01c | 64.044286 | 0.926002 | 20.895345 | 0.301344 | 376.811954 | 5.748135 | 0.018039 | 0.000208 | 10570.212288 | pp | 70.817856 | 0.001707 | 0.738070 | 49.473 | 86.57 | 1.114537 | 1.51007 | 0.019568 | NaN |
| 16-FM-01d | 26.922357 | 0.394385 | 29.278392 | 0.424225 | 221.493816 | 3.246705 | 0.020062 | 0.00016 | 5818.75072 | nn | 34.88097 | 0.003448 | 0.775801 | 54.1105 | 146.208 | 1.264591 | 1.630046 | 0.018042 | NaN |
| 16-FM-01e | 12.608727 | 0.187121 | 28.170703 | 0.403955 | 130.546213 | 1.923474 | 0.011505 | 0.000235 | 3787.28661 | nn | 19.853402 | 0.003038 | 0.763673 | 50.7935 | 146.197 | 1.318602 | 1.726658 | 0.030161 | NaN |
| 16-FM-01f | 72.158497 | 1.035703 | 159.810205 | 2.282341 | 98.017116 | 1.458709 | 0.032644 | 0.000247 | 14759.207471 | np | 110.044171 | 0.002212 | 0.747719 | 48.806 | 115.287 | 1.038195 | 1.388482 | 0.013544 | NaN |
| 16-FM-01 Zra | 748.302528 | 10.716302 | 137.373787 | 1.977381 | NaN | NaN | 13.80689 | 0.00936 | 5035283.986108 | nn | 780.447994 | 0.002742 | 0.739015 | 44.1735 | 174.474 | 53.188540 | 71.972189 | 0.729514 | - # |
| 16-FM-01 Zrb | 1307.406098 | 18.71998 | 519.736588 | 7.436271 | NaN | NaN | 12.563789 | 0.006274 | 6779043.8444 | np | 1429.024459 | 0.001853 | 0.724085 | 43.29 | 122.789 | 39.134854 | 54.04734 | 0.516970 | NaN |
| 16-FM-01 Zrc | 322.020207 | 4.648395 | 101.643524 | 1.465559 | NaN | NaN | 4.079033 | 0.004847 | 1626707.963479 | nn | 345.804792 | 0.002508 | 0.729445 | 42.4015 | 173.168 | 38.803381 | 53.195739 | 0.514890 | NaN |
| 16-FM-01 Zrd | 133.885535 | 1.910277 | 90.631255 | 1.284441 | NaN | NaN | 3.35885 | 0.002765 | 987421.133297 | np | 155.093249 | 0.003402 | 0.769309 | 51.681 | 158.128 | 52.403474 | 68.117619 | 0.661563 | NaN |
| 17-FC-01a | 16.990414 | 0.241775 | 37.580422 | 0.537028 | 301.890696 | 4.429982 | 0.010956 | 0.000194 | 6242.195231 | np | 27.293687 | 0.001755 | 0.716293 | 41.7485 | 125.035 | 1.590992 | 2.221146 | 0.033243 | 1.64 ± 0.22 |
| 17-FC-01b | 30.974651 | 0.44273 | 64.625596 | 0.925983 | 350.254781 | 5.29768 | 0.01322 | 0.000128 | 7039.19462 | pp | 47.848315 | 0.001878 | 0.744056 | 50.139 | 92.754 | 1.049656 | 1.410721 | 0.015030 | NaN |
| 17-FC-01e | 49.910874 | 0.710098 | 37.724613 | 0.535443 | 53.448788 | 0.808659 | 0.019464 | 0.000201 | 7107.741642 | nn | 59.005677 | 0.002738 | 0.741543 | 44.831 | 169.174 | 0.891797 | 1.202624 | 0.014200 | NaN |
| 17-FC-01j | 33.754498 | 0.478784 | 72.932211 | 1.036291 | 147.909846 | 2.206264 | 0.017061 | 0.000204 | 8855.017225 | np | 51.560185 | 0.001927 | 0.725413 | 43.29 | 127.653 | 1.255476 | 1.730705 | 0.020255 | NaN |
| 17-FC-02a | 32.719519 | 0.465067 | 175.581947 | 2.497324 | 335.106174 | 5.000669 | 0.034969 | 0.000193 | 15502.653691 | nn | 75.481226 | 0.002256 | 0.746024 | 47.931 | 121.905 | 1.613435 | 2.162713 | 0.019109 | 1.91 ± 0.35 |
| 17-FC-02c | 30.405458 | 0.433074 | 33.969491 | 0.487034 | 400.553667 | 5.857727 | 0.02174 | 0.000208 | 10631.089705 | pp | 40.357088 | 0.002045 | 0.732922 | 44.831 | 126.328 | 2.043092 | 2.787598 | 0.030532 | NaN |
| 17-FC-02d | 17.481191 | 0.254088 | 114.215582 | 1.640021 | 172.177381 | 2.52702 | 0.010706 | 0.000167 | 6273.010716 | pp | 45.068524 | 0.001707 | 0.715397 | 41.7675 | 121.463 | 0.932192 | 1.303041 | 0.017430 | NaN |
| 17-FC-02e | 15.993725 | 0.22797 | 45.58757 | 0.650736 | 102.064456 | 1.488357 | 0.022732 | 0.000224 | 4036.341445 | nn | 27.171539 | 0.005632 | 0.811591 | 65.59 | 162.54 | 1.126673 | 1.388228 | 0.016368 | NaN |
| 17-FC-03a | 12.482122 | 0.17918 | 23.994739 | 0.34877 | 99.483575 | 1.489988 | 0.011981 | 0.000114 | 3918.299345 | np | 18.594309 | 0.003058 | 0.760771 | 49.697 | 153.712 | 1.463267 | 1.9234 | 0.020710 | 1.67 ± 0.09 |
| 17-FC-03c | 23.533476 | 0.333636 | 78.736872 | 1.118384 | 142.32998 | 2.139776 | 0.021582 | 0.000175 | 7223.090999 | nn | 42.669554 | 0.002988 | 0.753991 | 47.71 | 162.981 | 1.274069 | 1.689767 | 0.016143 | NaN |
| 17-FC-03f | 23.249265 | 0.334666 | 107.656648 | 1.531409 | 198.810113 | 2.91984 | 0.011019 | 0.000171 | 7746.979558 | np | 49.434971 | 0.001422 | 0.711400 | 42.6315 | 97.17 | 1.059051 | 1.488685 | 0.019772 | NaN |
| 17-FC-03g | 27.433259 | 0.392332 | 42.147366 | 0.598002 | 198.491052 | 2.890663 | 0.013566 | 0.000108 | 6226.74895 | np | 38.288198 | 0.002179 | 0.738033 | 45.719 | 129.416 | 1.157452 | 1.568292 | 0.016087 | NaN |
| 17-FC-04b † | 4.443098 | 0.064004 | 30.713126 | 0.492791 | 256.152459 | 3.704564 | 0.011078 | 0.000174 | 3268.495733 | np | 12.910732 | 0.003389 | 0.778222 | 55.4315 | 136.957 | 1.821537 | 2.340638 | 0.034843 | 1.75 ± 0.23 |
| 17-FC-04c | 9.807303 | 0.139473 | 14.650479 | 0.211821 | 80.029038 | 1.201805 | 0.012741 | 0.000141 | 2720.860306 | np | 13.635661 | 0.004683 | 0.797532 | 60.2965 | 159.919 | 1.407138 | 1.764365 | 0.021820 | NaN |
| 17-FC-04d | 23.735439 | 0.337535 | 55.294238 | 0.785245 | 68.931301 | 1.032785 | 0.023658 | 0.00016 | 5308.46024 | np | 37.018947 | 0.004457 | 0.799564 | 62.2775 | 142.667 | 1.084836 | 1.356785 | 0.013835 | NaN |
| 17-FC-04e | 11.218163 | 0.159991 | 62.276725 | 0.88352 | 151.481062 | 2.207198 | 0.021814 | 0.000175 | 5912.982019 | np | 26.548322 | 0.003689 | 0.791198 | 60.9585 | 123.268 | 1.690299 | 2.136379 | 0.021717 | NaN |
| 18-FC-01a | 29.643899 | 0.421572 | 80.958685 | 1.15001 | 110.039469 | 1.610504 | 0.034064 | 0.000305 | 12988.859943 | nn | 49.138428 | 0.002623 | 0.748871 | 47.26 | 145.788 | 2.060862 | 2.751957 | 0.027680 | 3.32 ± 0.25 |
| 18-FC-01b | 25.114551 | 0.362479 | 11.896493 | 0.175308 | 360.414306 | 5.30806 | 0.022769 | 0.000081 | 10385.591386 | pp | 29.700402 | 0.002192 | 0.746822 | 48.593 | 115.279 | 2.753570 | 3.687052 | 0.037504 | NaN |
| 18-FC-01c | 23.115534 | 0.332692 | 58.422026 | 0.839905 | 24.971552 | 0.440118 | 0.032063 | 0.000082 | 14628.600793 | np | 36.911146 | 0.002192 | 0.746790 | 48.585 | 115.287 | 3.059598 | 4.096997 | 0.033426 | NaN |
| 18-FC-01d ‡ | 101.277308 | 1.452011 | 62.131056 | 0.886786 | 152.954589 | 2.23969 | 0.205338 | 0.000389 | 76217.766073 | pp | 116.580748 | 0.002694 | 0.760448 | 51.0145 | 128.531 | 5.378394 | 7.072661 | 0.067725 | NaN |
| 18-FC-01e | 5.062808 | 0.075499 | 16.088689 | 0.234802 | 60.868457 | 0.902833 | 0.01116 | 0.000087 | 3091.074364 | pp | 9.131903 | 0.00361 | 0.794404 | 63.842 | 109.979 | 2.321189 | 2.921926 | 0.031222 | NaN |
| 18-FC-01g | 17.503526 | 0.256126 | 12.90408 | 0.189953 | 247.81291 | 3.641449 | 0.017249 | 0.000153 | 6779.516204 | np | 21.762145 | 0.002544 | 0.751981 | 48.585 | 133.83 | 2.364691 | 3.144615 | 0.036214 | NaN |
| 18-FC-02a ‡ | 31.065857 | 0.441605 | 14.488252 | 0.208144 | 33.832954 | 0.548549 | 0.055011 | 0.000205 | 16905.82618 | pp | 34.625272 | 0.003254 | 0.770345 | 52.568 | 146.203 | 3.900439 | 5.063237 | 0.052103 | 1.93 ± 0.18 |
| 18-FC-02b | 19.018402 | 0.273134 | 34.870231 | 0.512735 | 49.449797 | 0.772017 | 0.011269 | 0.000155 | 6169.625545 | pp | 27.425285 | 0.001827 | 0.732926 | 46.156 | 106.454 | 1.520500 | 2.074561 | 0.026900 | NaN |
| 18-FC-02c | 13.245933 | 0.200664 | 53.944986 | 0.767038 | 162.133304 | 2.362693 | 0.011651 | 0.000113 | 6238.876634 | np | 26.679726 | 0.001867 | 0.744245 | 50.3565 | 91.438 | 1.614052 | 2.168711 | 0.022901 | NaN |
| 18-FC-02d | 16.882968 | 0.243071 | 138.398701 | 2.000026 | 51.033684 | 0.843143 | 0.024694 | 0.000193 | 10265.887891 | np | 49.523432 | 0.002405 | 0.754256 | 50.1355 | 118.82 | 1.562053 | 2.070984 | 0.020035 | NaN |
| 18-FC-02e ‡ | 47.055143 | 0.673129 | 151.580445 | 2.157175 | 146.667553 | 2.135252 | 0.11946 | 0.000196 | 73533.198237 | pp | 83.258305 | 0.001625 | 0.722116 | 44.177 | 103.354 | 7.189156 | 9.955685 | 0.073576 | NaN |
| 18-FC-02f | 29.146514 | 0.415125 | 86.214616 | 1.233455 | 87.345762 | 1.266716 | 0.022864 | 0.00015 | 6920.08987 | np | 49.757463 | 0.003304 | 0.745923 | 44.836 | 204.062 | 1.047221 | 1.403926 | 0.013118 | NaN |
| Piru | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-PC-01a | 12.35 | 0.18 | 27.4 | 0.43 | 31.24 | 0.5 | 0.0343 | 0.00022 | 14991.093 | pp | 18.9178 | 0.0023 | 0.760000 | 56.3 | 89.7 | 6.200000 | 8.07 | 0.080000 | - \*\* |
| 16-PC-01b | 20.11 | 0.29 | 41.4 | 0.6 | 331.25 | 5.04 | 0.0173 | 0.00016 | 13918.051 | nn | 31.45385 | 0.0012 | 0.700000 | 40.4 | 94.6 | 3.300000 | 4.79 | 0.050000 | NaN |
| 16-PC-01c | 39.27 | 0.56 | 41.07 | 0.59 | 240.54 | 3.59 | 0.293 | 0.00058 | 110617.591 | np | 50.08308 | 0.0026 | 0.760000 | 51 | 126.4 | 18.400000 | 24.26 | 0.220000 | NaN |
| 16-PC-01d | 7.96 | 0.12 | 11.02 | 0.16 | 34.38 | 0.58 | 0.0276 | 0.00009 | 11498.488 | np | 10.71058 | 0.0024 | 0.750000 | 49.3 | 122.8 | 8.300000 | 11.02 | 0.100000 | NaN |
| 16-PC-02a ‡ | 89.580965 | 1.272651 | 30.00968 | 0.432763 | 106.79654 | 1.594144 | 0.870098 | 0.000724 | 245978.764923 | nn | 97.137213 | 0.003537 | 0.768513 | 51.0185 | 168.732 | 20.968030 | 27.283881 | 0.279103 | 5.91 ± 1.01 |
| 16-PC-02b | 39.100205 | 0.557498 | 85.862539 | 1.229355 | 64.547021 | 1.191318 | 0.07763 | 0.000155 | 26693.324347 | nn | 59.514774 | 0.002908 | 0.758677 | 49.473 | 147.528 | 3.612301 | 4.761317 | 0.039122 | NaN |
| 16-PC-02c | 35.535933 | 0.50443 | 39.518159 | 0.573356 | 71.559169 | 1.143142 | 0.022028 | 0.000173 | 8225.675579 | pp | 45.140978 | 0.002678 | 0.769771 | 55.4315 | 108.212 | 1.370309 | 1.780152 | 0.018906 | NaN |
| 16-PC-02d | 36.887665 | 0.52357 | 47.43879 | 0.674748 | 77.188164 | 1.158406 | 0.159335 | 0.000414 | 32530.194584 | nn | 48.374283 | 0.004898 | 0.796549 | 59.1895 | 173.587 | 5.512471 | 6.920445 | 0.065126 | NaN |
| 16-PC-02e | 24.345613 | 0.347326 | 36.613327 | 0.524134 | 42.506594 | 0.633128 | 0.061148 | 0.000202 | 28212.288177 | np | 33.125665 | 0.002167 | 0.734861 | 44.836 | 133.866 | 6.819869 | 9.280485 | 0.080904 | NaN |
| 16-PC-02f | 20.253621 | 0.290492 | 28.506893 | 0.411557 | 36.321702 | 0.536001 | 0.103065 | 0.000407 | 27080.690465 | nn | 27.105842 | 0.003806 | 0.789708 | 59.421 | 133.83 | 8.118418 | 10.280282 | 0.099331 | NaN |
| 16-PC-02g | 93.177775 | 1.324881 | 103.482013 | 1.479405 | 134.423341 | 1.973841 | 0.101016 | 0.000329 | 32812.893331 | np | 118.064683 | 0.003079 | 0.747765 | 45.719 | 182.866 | 2.258194 | 3.019925 | 0.027434 | NaN |
| 16-PC-02h | 39.511816 | 0.56284 | 25.984708 | 0.383524 | 56.705635 | 0.904906 | 0.089499 | 0.000394 | 36787.979307 | np | 45.875766 | 0.002433 | 0.732378 | 43.285 | 161.22 | 6.505466 | 8.882657 | 0.085354 | NaN |
| 16-PC-02i | 20.421574 | 0.292566 | 25.311414 | 0.360063 | 39.729758 | 0.58237 | 0.039834 | 0.000164 | 9720.653477 | np | 26.543093 | 0.004098 | 0.806043 | 70.0125 | 103.797 | 2.881561 | 3.574947 | 0.035707 | NaN |
| 16-PC-02j | 38.563994 | 0.551984 | 31.77529 | 0.455175 | 311.305005 | 4.663399 | 0.03592 | 0.000242 | 20474.476457 | np | 47.555937 | 0.001754 | 0.737975 | 48.806 | 91.446 | 3.436451 | 4.656592 | 0.047319 | NaN |
| 16-PC-02 Zra | 121.603757 | 1.751602 | 76.984855 | 1.120946 | NaN | NaN | 5.177361 | 0.004946 | 1178627.887783 | nn | 139.618213 | 0.004393 | 0.776224 | 51.921 | 202.315 | 69.405257 | 89.413949 | 0.889771 | - # |
| 16-PC-02 Zrb | 393.282684 | 5.839002 | 169.060312 | 2.44876 | NaN | NaN | 22.404201 | 0.009865 | 3225855.215992 | nn | 432.842797 | 0.006945 | 0.815598 | 64.9335 | 204.517 | 61.361733 | 75.235295 | 0.826704 | NaN |
| 16-PC-02 Zrc | 695.543408 | 10.107296 | 625.502838 | 8.998189 | NaN | NaN | 30.392057 | 0.014451 | 6392117.884071 | nn | 841.911072 | 0.004755 | 0.752359 | 44.831 | 293.725 | 62.447281 | 83.001979 | 0.762050 | NaN |
| 16-PC-02 Zrd | 439.864426 | 6.321734 | 1118.879617 | 16.149806 | NaN | NaN | 37.566719 | 0.031903 | 5795143.000044 | nn | 701.682256 | 0.006482 | 0.784523 | 52.347 | 293.723 | 67.748652 | 86.356533 | 0.707874 | NaN |
| 16-PC-03a | 27.47 | 0.39 | 32.34 | 0.47 | 54.62 | 0.89 | 0.1572 | 0.00025 | 65222.872 | np | 35.31066 | 0.0024 | 0.740000 | 44.8 | 148.8 | 15.100000 | 20.5 | 0.180000 | - # \*\* |
| 16-PC-03b † | 3.47 | 0.06 | 12.77 | 0.2 | 97.36 | 1.52 | 0.038 | 0.00013 | 18432.188 | pp | 6.94498 | 0.0021 | 0.710000 | 40.2 | 158.1 | 21.800000 | 30.47 | 0.250000 | NaN |
| 16-PC-03c | 8.25 | 0.12 | 23.92 | 0.34 | 92.03 | 1.43 | 0.0735 | 0.00017 | 31206.602 | np | 14.30743 | 0.0024 | 0.740000 | 47 | 132.1 | 17.900000 | 23.99 | 0.190000 | NaN |
| 16-PC-03d | 19.57 | 0.28 | 11.95 | 0.17 | 220.1 | 3.24 | 0.2668 | 0.00054 | 99839.5 | pp | 23.4668 | 0.0027 | 0.740000 | 45.1 | 163.4 | 36.100000 | 48.68 | 0.460000 | NaN |
| 16-PC-04a | 42.26 | 0.61 | 36.85 | 0.56 | 98.16 | 1.47 | 0.1284 | 0.0005 | 118772.223 | pp | 51.3737 | 0.0011 | 0.700000 | 43.3 | 71.6 | 18.900000 | 27.04 | 0.240000 | - \*\* |
| 16-PC-04b | 11.87 | 0.17 | 15.78 | 0.23 | 25.25 | 0.48 | 0.0095 | 0.00012 | 4924.689 | pp | 15.68877 | 0.0019 | 0.720000 | 41.1 | 141.3 | 2.000000 | 2.83 | 0.030000 | NaN |
| 16-PC-04d | 15.67 | 0.23 | 14.31 | 0.21 | 23.41 | 0.43 | 0.021 | 0.00014 | 7714.107 | np | 19.13559 | 0.0027 | 0.760000 | 49.5 | 138.3 | 3.000000 | 3.98 | 0.040000 | NaN |
| 16-PC-04e | 17.19 | 0.25 | 13.9 | 0.2 | 49.08 | 0.73 | 0.0468 | 0.00025 | 10146.815 | nn | 20.688 | 0.0046 | 0.800000 | 59.6 | 161.2 | 3.900000 | 4.91 | 0.050000 | NaN |
| 16-PC-04g | 81.764111 | 1.169964 | 50.55618 | 0.722093 | 46.222945 | 0.723336 | 0.297361 | 0.000593 | 107793.979657 | nn | 93.825372 | 0.002759 | 0.750360 | 47.2685 | 153.295 | 9.448744 | 12.592277 | 0.119582 | NaN |
| 16-PC-04h | 21.508791 | 0.311604 | 60.946609 | 0.86882 | 94.49294 | 1.398985 | 0.036868 | 0.000213 | 15550.930918 | pp | 36.242763 | 0.002371 | 0.732586 | 43.511 | 155.483 | 3.365998 | 4.594682 | 0.040145 | NaN |
| 16-PC-04i | 11.681635 | 0.169828 | 17.547086 | 0.251878 | 68.120367 | 1.095078 | 0.016919 | 0.000144 | 10099.166861 | np | 16.128255 | 0.001675 | 0.729301 | 46.1605 | 97.621 | 4.600396 | 6.307955 | 0.064789 | NaN |
| 16-PC-04j ‡ | 25.141399 | 0.359763 | 2.858955 | 0.051388 | 182.871297 | 2.724502 | 0.180326 | 0.000384 | 124294.615399 | pp | 26.724751 | 0.001451 | 0.709127 | 41.7445 | 103.369 | 38.970069 | 54.954964 | 0.533592 | NaN |
| 16-PC-04L | 16.293782 | 0.293024 | 29.230827 | 0.423548 | 33.372459 | 0.56408 | 0.155273 | 0.000332 | 56984.234686 | nn | 23.300658 | 0.002725 | 0.756688 | 49.4685 | 138.25 | 19.986832 | 26.413575 | 0.266729 | NaN |
| 16-PC-04m | 14.922071 | 0.213045 | 30.398794 | 0.446001 | 66.747658 | 1.05414 | 0.064823 | 0.000286 | 23757.612477 | np | 22.369127 | 0.002729 | 0.767940 | 54.106 | 115.722 | 8.568081 | 11.157223 | 0.098931 | NaN |
| 16-PC-04 Zra | 303.173631 | 4.376138 | 399.968178 | 5.77729 | NaN | NaN | 34.989231 | 0.022176 | 3288073.238043 | np | 396.766185 | 0.010641 | 0.818981 | 62.94 | 333.52 | 68.083463 | 83.131908 | 0.787163 | - # |
| 16-PC-04 Zrb | 279.652606 | 4.03378 | 258.456974 | 3.762428 | NaN | NaN | 8.388127 | 0.045368 | 2713667.034543 | pp | 340.131538 | 0.003091 | 0.760415 | 49.473 | 156.803 | 65.589475 | 86.25485 | 0.867728 | NaN |
| 16-PC-04 Zrc | 973.733341 | 13.974639 | 830.436476 | 12.010242 | NaN | NaN | 34.149948 | 0.029334 | 9235091.068809 | np | 1168.055477 | 0.003698 | 0.777818 | 54.1105 | 156.808 | 65.022163 | 83.595642 | 0.797423 | NaN |
| 16-PC-04 Zrd ‡ | 667.101197 | 9.72057 | 570.100273 | 8.230908 | NaN | NaN | 8.822621 | 0.007292 | 4439545.110473 | nn | 800.504661 | 0.001987 | 0.717404 | 41.082 | 146.197 | 45.674543 | 63.666446 | 0.557773 | NaN |
| 16-PC-6a † | 3.039245 | 0.050574 | 25.470887 | 0.366739 | 267.061971 | 3.902678 | 0.028683 | 0.000132 | 13992.829252 | pp | 10.334742 | 0.00205 | 0.744220 | 48.593 | 107.785 | 11.409631 | 15.330984 | 0.136350 | - \*\*\*\* |
| 16-PC-6b † | 2.738426 | 0.050337 | 19.170381 | 0.281982 | 311.485475 | 4.671379 | 0.009961 | 0.000149 | 5878.718799 | np | 8.781722 | 0.001694 | 0.725903 | 44.831 | 104.679 | 5.011431 | 6.90372 | 0.092450 | NaN |
| 16-PC-6c | 83.500385 | 1.188972 | 109.450058 | 1.565488 | 790.82722 | 11.903778 | 0.450451 | 0.000637 | 234008.507329 | np | 113.065835 | 0.001925 | 0.730870 | 44.8505 | 118.813 | 17.455417 | 23.883078 | 0.197833 | NaN |
| 16-PC-6d † | 4.801191 | 0.074365 | 18.526532 | 0.272477 | 146.694157 | 2.238783 | 0.016777 | 0.000103 | 6928.423309 | np | 9.86987 | 0.002421 | 0.748497 | 47.9475 | 130.775 | 5.353566 | 7.152425 | 0.065511 | NaN |
| Santa Susana Mountains | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 14-Sy-1a | 37.782951 | 0.538735 | 46.200333 | 0.660032 | 64.08463 | 1.065437 | 0.444388 | 0.000664 | 159590.039703 | np | 48.914252 | 0.002785 | 0.763227 | 51.6845 | 129.425 | 26.921508 | 35.273242 | 0.307866 | - # \*\*\* |
| 14-Sy-1c | 2.090956 | 0.05093 | 11.802473 | 0.174672 | 193.810109 | 3.07463 | 0.010966 | 0.000216 | 7787.712099 | pp | 5.821785 | 0.001408 | 0.707862 | 41.739 | 100.359 | 10.175449 | 14.374907 | 0.237405 | NaN |
| 14-Sy-2a | 10.473929 | 0.156157 | 10.462466 | 0.161413 | 16.528071 | 0.267269 | 0.07622 | 0.000331 | 30281.825751 | np | 13.004786 | 0.002517 | 0.756438 | 50.3565 | 123.242 | 18.791430 | 24.841982 | 0.252911 | - # \*\*\* |
| 14-Sy-2c | 11.837953 | 0.172587 | 29.052996 | 0.412886 | 31.455634 | 0.531808 | 0.079329 | 0.000287 | 25228.259325 | nn | 18.793632 | 0.003144 | 0.773894 | 54.552 | 131.192 | 10.839948 | 14.007013 | 0.123593 | NaN |
| Simi Hills | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 17-ESC-01b | 12.195973 | 0.175759 | 5.37528 | 0.077747 | 48.017628 | 0.747276 | 0.095937 | 0.000436 | 29306.458025 | pp | 13.693877 | 0.003274 | 0.785395 | 60.0725 | 112.63 | 17.535516 | 22.326996 | 0.236313 | - # |
| 17-ESC-01c | 23.323856 | 0.336887 | 39.383621 | 0.570107 | 185.410621 | 2.70812 | 0.228489 | 0.000716 | 103450.453338 | np | 33.466676 | 0.002209 | 0.730540 | 43.506 | 144.883 | 25.771454 | 35.277253 | 0.292575 | NaN |
| 17-ESC-01d | 7.771168 | 0.11548 | 5.570151 | 0.083454 | 44.795034 | 0.658365 | 0.096652 | 0.000516 | 30728.612218 | pp | 9.298558 | 0.003145 | 0.756023 | 47.9225 | 170.048 | 27.177252 | 35.947633 | 0.377088 | NaN |
| 17-ESC-01e | 7.651739 | 0.112189 | 9.236033 | 0.134167 | 134.502337 | 2.00025 | 0.136436 | 0.000386 | 41731.810933 | np | 10.485483 | 0.003269 | 0.777068 | 55.4385 | 132.075 | 33.941477 | 43.678916 | 0.409278 | NaN |
| 17-RP-01a | 16.881333 | 0.243901 | 51.980388 | 0.760409 | 82.316959 | 1.204856 | 0.127029 | 0.00043 | 42226.811647 | pp | 29.456329 | 0.003008 | 0.774231 | 55.453 | 121.464 | 11.726278 | 15.145701 | 0.128115 | 17.4 ± 0.96 |
| 17-RP-01b | 60.809526 | 0.865168 | 17.309297 | 0.246674 | 264.755569 | 3.859645 | 0.280421 | 0.000698 | 111800.819573 | pp | 66.18368 | 0.002508 | 0.752148 | 48.806 | 130.738 | 14.082523 | 18.723082 | 0.183216 | NaN |
| 17-RP-01c | 27.783225 | 0.396207 | 4.393633 | 0.068027 | 287.8238 | 4.210938 | 0.146992 | 0.000465 | 52094.244336 | np | 30.250454 | 0.002822 | 0.757786 | 49.4765 | 143.116 | 14.572487 | 19.230352 | 0.206274 | NaN |
| 17-RP-01d | 38.336805 | 0.546982 | 10.688317 | 0.155547 | 304.418395 | 4.462541 | 0.149139 | 0.000598 | 62300.568973 | np | 42.359963 | 0.002394 | 0.748043 | 47.9225 | 129.42 | 12.332887 | 16.48688 | 0.172046 | NaN |
| Santa Rosa Island | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-SRI-02a | 23.822517 | 0.349634 | 12.559881 | 0.204387 | 326.677912 | 4.803275 | 0.121291 | 0.000355 | 47930.358767 | np | 28.394918 | 0.002531 | 0.753746 | 49.272 | 129.42 | 14.336905 | 19.020867 | 0.186345 | - # |
| 18-SRI-02b | 27.142312 | 0.400158 | 11.991411 | 0.179883 | 152.69789 | 2.249421 | 0.073089 | 0.00036 | 32350.709654 | nn | 30.711791 | 0.002259 | 0.720995 | 41.098 | 166.078 | 8.625791 | 11.963736 | 0.122056 | NaN |
| 18-SRI-02c | 100.43634 | 1.460195 | 86.508373 | 1.240888 | 114.542354 | 1.806216 | 0.698966 | 0.000734 | 215961.232953 | np | 121.252011 | 0.003237 | 0.756769 | 47.931 | 174.916 | 14.717756 | 19.448147 | 0.184221 | NaN |
| 18-SRI-02d | 9.256029 | 0.138563 | 13.631316 | 0.198189 | 128.495002 | 2.169771 | 0.054651 | 0.000161 | 19421.636956 | np | 13.088232 | 0.002814 | 0.765729 | 52.583 | 126.359 | 12.226097 | 15.966613 | 0.145205 | NaN |
| 18-SRI-02e | 6.681266 | 0.108008 | 62.185165 | 0.900974 | 308.482274 | 4.526911 | 0.13704 | 0.000575 | 66204.477171 | pp | 22.775006 | 0.00207 | 0.721446 | 41.739 | 147.522 | 24.719558 | 34.263904 | 0.296280 | NaN |
| 18-SRI-02f | 6.140341 | 0.102349 | 12.103681 | 0.185246 | 67.068902 | 1.589611 | 0.027856 | 0.00023 | 19161.090233 | np | 9.307947 | 0.001454 | 0.711656 | 42.43 | 100.262 | 16.123892 | 22.656853 | 0.237289 | NaN |
| 18-SRI-05a | 41.670468 | 0.611041 | 131.123383 | 1.879815 | 109.009418 | 1.685691 | 0.146314 | 0.000405 | 62067.088063 | np | 72.898387 | 0.002357 | 0.742022 | 46.156 | 137.389 | 6.946927 | 9.362157 | 0.074482 | 8.59 ± 1.25 |
| 18-SRI-05b † | 1.544989 | 0.034911 | 5.407156 | 0.092117 | 166.196192 | 2.433796 | 0.011392 | 0.000075 | 4925.924606 | np | 3.641245 | 0.002313 | 0.739220 | 45.502 | 138.689 | 10.980340 | 14.853961 | 0.167438 | NaN |
| 18-SRI-05c | 35.27242 | 0.51656 | 30.642546 | 0.466517 | 178.409743 | 2.795535 | 0.036108 | 0.00029 | 26797.273579 | np | 43.334824 | 0.001347 | 0.697517 | 39.561 | 106.896 | 4.890021 | 7.01061 | 0.072132 | NaN |
| 18-SRI-05d | 16.175986 | 0.251432 | 19.398891 | 0.291745 | 112.726754 | 1.629787 | 0.045184 | 0.000336 | 24844.73566 | np | 21.27896 | 0.001819 | 0.735233 | 47.044 | 102.029 | 9.379589 | 12.757304 | 0.137749 | NaN |
| 18-SRI-05e | 18.061559 | 1.68548 | 27.167298 | 0.397974 | 15.259644 | 0.32484 | 0.01757 | 0.000282 | 12642.894772 | pp | 24.495005 | 0.00139 | 0.710340 | 42.6225 | 94.978 | 3.759882 | 5.293073 | 0.268170 | NaN |
| 18-SRI-05f | 22.68367 | 0.329745 | 20.012767 | 0.291806 | 24.404378 | 0.446632 | 0.050764 | 0.000508 | 22457.799407 | np | 27.488679 | 0.00226 | 0.760179 | 54.1105 | 95.854 | 6.493855 | 8.542537 | 0.102256 | NaN |
| 18-SRI-06a | 15.601117 | 0.223195 | 26.910257 | 0.385077 | 39.993181 | 0.592409 | 0.057863 | 0.00026 | 13623.854171 | np | 22.098083 | 0.004247 | 0.783067 | 54.769 | 175.799 | 4.935376 | 6.30262 | 0.058259 | 6.43 ± 0.06 |
| 18-SRI-06b | 14.035113 | 0.200669 | 24.408778 | 0.346896 | 34.790979 | 0.574533 | 0.050534 | 0.000273 | 12771.355524 | np | 19.920722 | 0.003957 | 0.800645 | 66.045 | 112.629 | 5.102774 | 6.373327 | 0.061096 | NaN |
| 18-SRI-06c | 14.077897 | 0.200414 | 25.210654 | 0.360306 | 33.091826 | 0.490482 | 0.042565 | 0.000276 | 13142.394373 | pp | 20.142649 | 0.003239 | 0.768495 | 51.898 | 149.299 | 5.148468 | 6.699419 | 0.066125 | NaN |
| 18-SRI-06d | 9.75736 | 0.143838 | 23.053932 | 0.329989 | 65.077655 | 0.973568 | 0.022669 | 0.000223 | 9735.156988 | pp | 15.477369 | 0.002329 | 0.747108 | 47.9225 | 125.892 | 4.779606 | 6.397478 | 0.070295 | NaN |
| 18-SRI-06e | 27.374911 | 0.390338 | 53.182493 | 0.757385 | 47.956458 | 0.692762 | 0.071526 | 0.000328 | 24162.20164 | nn | 40.059397 | 0.00296 | 0.751522 | 47.044 | 166.074 | 4.849954 | 6.453511 | 0.055730 | NaN |
| 18-SRI-06f | 20.131054 | 0.579146 | 62.32437 | 0.883608 | 168.696758 | 2.414175 | 0.055836 | 0.000236 | 20824.526647 | nn | 35.558441 | 0.002681 | 0.741000 | 44.831 | 165.641 | 4.725229 | 6.376828 | 0.086195 | NaN |
| 18-SRI-06 Zra | 1221.991742 | 17.419964 | 306.137264 | 4.359495 | NaN | NaN | 30.531198 | 0.019877 | 6299608.413423 | nn | 1293.627862 | 0.004847 | 0.783828 | 53.8895 | 207.207 | 40.189467 | 51.2733 | 0.548151 | - # |
| 18-SRI-06 Zrb | 753.084606 | 10.754442 | 154.389039 | 2.191108 | NaN | NaN | 27.227445 | 0.019193 | 5564822.750497 | nn | 789.211641 | 0.004893 | 0.770602 | 49.4685 | 248.245 | 58.104449 | 75.401417 | 0.803804 | NaN |
| 18-SRI-06 Zrc | 2071.053855 | 29.521413 | 504.942207 | 7.154163 | NaN | NaN | 61.312529 | 0.046831 | 12553783.621341 | nn | 2189.210331 | 0.004884 | 0.770570 | 49.4685 | 247.799 | 47.297634 | 61.380062 | 0.645509 | NaN |
| 18-SRI-06 Zrd | 849.367575 | 12.198666 | 321.646843 | 4.565939 | NaN | NaN | 40.224409 | 0.033511 | 7425748.518406 | nn | 924.632936 | 0.005417 | 0.777458 | 51.0145 | 258.431 | 66.105889 | 85.028237 | 0.865003 | NaN |
| 18-SRI-07a | 9.513859 | 0.146124 | 17.231173 | 0.248337 | 24.515536 | 0.400259 | 0.03587 | 0.000202 | 10707.342816 | pp | 13.668531 | 0.00335 | 0.780973 | 56.984 | 128.095 | 6.124300 | 7.841889 | 0.078199 | 8.42 ± 0.92 |
| 18-SRI-07b | 13.575078 | 0.206602 | 24.344352 | 0.352122 | 42.264714 | 0.720418 | 0.048487 | 0.000211 | 16363.380438 | nn | 19.48298 | 0.002963 | 0.737265 | 43.3125 | 196.115 | 6.681987 | 9.063204 | 0.082789 | NaN |
| 18-SRI-07c | 9.831842 | 0.145991 | 14.733347 | 0.213401 | 71.390313 | 1.043437 | 0.069519 | 0.000216 | 16513.660784 | np | 13.636397 | 0.00421 | 0.785989 | 56.101 | 166.074 | 9.885573 | 12.577238 | 0.118965 | NaN |
| 18-SRI-07d | 115.826978 | 1.849097 | 11.247819 | 0.166534 | 150.704954 | 2.357771 | 0.156033 | 0.000337 | 83562.290213 | np | 119.212493 | 0.001867 | 0.727486 | 44.1735 | 118.813 | 5.755706 | 7.911771 | 0.090795 | NaN |
| 18-SRI-07e | 29.599843 | 0.427704 | 76.421037 | 1.106326 | 94.112045 | 1.35919 | 0.095538 | 0.000335 | 31225.84317 | nn | 47.952926 | 0.00306 | 0.758127 | 48.8105 | 159.448 | 5.285871 | 6.972274 | 0.058152 | NaN |
| 18-SRI-07f | 13.121498 | 0.250964 | 34.909334 | 0.520824 | 225.528557 | 3.327983 | 0.02682 | 0.000326 | 12835.528088 | nn | 22.417925 | 0.00209 | 0.733715 | 44.8505 | 128.972 | 4.519800 | 6.160156 | 0.080863 | NaN |
| 18-SRI-09a | 19.064214 | 0.286107 | 29.962083 | 0.436468 | 45.249615 | 0.902564 | 0.027348 | 0.000246 | 16760.83078 | nn | 26.301589 | 0.001632 | 0.716221 | 42.411 | 112.63 | 4.886796 | 6.823024 | 0.071042 | 7.62 ± 0.36 |
| 18-SRI-09b | 28.818285 | 0.432195 | 49.104167 | 0.723673 | 169.875593 | 2.649969 | 0.059193 | 0.000252 | 25906.612615 | np | 41.158038 | 0.002285 | 0.748337 | 48.593 | 120.141 | 5.088309 | 6.799491 | 0.063017 | NaN |
| 18-SRI-09c | 15.220911 | 0.228247 | 20.667708 | 0.300719 | 65.200378 | 1.259153 | 0.033869 | 0.000287 | 15325.90882 | nn | 20.383156 | 0.00221 | 0.735479 | 44.836 | 136.492 | 5.893581 | 8.013259 | 0.085902 | NaN |
| 18-SRI-09e | 11.0752 | 0.163823 | 20.611333 | 0.297167 | 28.64996 | 0.474885 | 0.029921 | 0.000177 | 11939.632254 | np | 16.041501 | 0.002506 | 0.736694 | 44.1735 | 159.458 | 5.746457 | 7.800332 | 0.072210 | NaN |
| 18-SRI-09f | 11.184754 | 0.162429 | 22.546712 | 0.325531 | 35.69736 | 0.53617 | 0.053015 | 0.000275 | 14160.701499 | pp | 16.639171 | 0.003744 | 0.784578 | 56.9925 | 143.106 | 6.793697 | 8.659043 | 0.081530 | NaN |
| 18-SRI-10a | 16.026496 | 0.239291 | 14.152507 | 0.217891 | 203.413119 | 3.249695 | 0.01742 | 0.000104 | 11363.771881 | np | 20.355248 | 0.001533 | 0.716795 | 43.285 | 101.587 | 4.217852 | 5.884324 | 0.058563 | 7.64 ± 0.46 |
| 18-SRI-10b | 26.803491 | 0.38908 | 8.019308 | 0.118804 | 245.568352 | 3.64488 | 0.058027 | 0.000219 | 20287.615209 | np | 29.907851 | 0.00286 | 0.771043 | 54.773 | 118.372 | 5.585898 | 7.244599 | 0.078741 | NaN |
| 18-SRI-10d | 59.63675 | 0.879916 | 40.392099 | 0.588318 | 230.150522 | 3.520633 | 0.068127 | 0.000309 | 46976.646778 | np | 70.239254 | 0.00145 | 0.709093 | 41.7395 | 103.354 | 5.427230 | 7.653761 | 0.073610 | NaN |
| 18-SRI-10e | 53.834191 | 0.791263 | 78.684687 | 1.129773 | 134.731174 | 1.999968 | 0.097513 | 0.00043 | 49796.239552 | np | 72.920063 | 0.001958 | 0.742895 | 48.814 | 102.037 | 5.553773 | 7.47585 | 0.067720 | NaN |
| 18-SRI-10f | 16.344121 | 0.245267 | 29.346334 | 0.430215 | 42.633743 | 0.723528 | 0.052263 | 0.000325 | 18129.104256 | nn | 23.424332 | 0.002883 | 0.742851 | 44.8395 | 178.025 | 6.169496 | 8.305161 | 0.079923 | NaN |
| 18-SRI-10g | 15.931844 | 0.233097 | 27.464298 | 0.407307 | 267.228894 | 4.075273 | 0.047509 | 0.0002 | 20062.811431 | nn | 23.694635 | 0.002368 | 0.751972 | 49.4685 | 120.145 | 6.973956 | 9.274227 | 0.082677 | NaN |
| Santa Cruz Island | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18-PS-01a | 38.074937 | 0.544207 | 44.573432 | 0.638171 | 108.709228 | 1.648733 | 0.30578 | 0.00074 | 113018.345839 | np | 49.048666 | 0.002706 | 0.764352 | 52.583 | 121.493 | 19.038999 | 24.908674 | 0.222674 | - # |
| 18-PS-01b | 17.554472 | 0.253516 | 31.545329 | 0.455025 | 87.243085 | 1.369067 | 0.217812 | 0.000674 | 65989.598928 | np | 25.372294 | 0.003301 | 0.759408 | 48.5895 | 173.582 | 21.501475 | 28.313479 | 0.246590 | NaN |
| 18-PS-01c | 20.891245 | 0.299909 | 38.285079 | 0.544577 | 47.815262 | 0.881973 | 0.160571 | 0.000403 | 61410.900781 | pp | 30.08903 | 0.002615 | 0.763069 | 52.5645 | 117.495 | 16.700404 | 21.885832 | 0.187631 | NaN |
| 18-PS-01d | 114.064119 | 1.622246 | 59.939356 | 0.922709 | 196.396551 | 3.099962 | 0.730153 | 0.001076 | 360039.146754 | nn | 129.071912 | 0.002028 | 0.723619 | 42.407 | 140.014 | 23.107276 | 31.932938 | 0.292571 | NaN |
| 18-PS-03a | 11.861494 | 0.17482 | 15.542289 | 0.227345 | 41.776955 | 0.694575 | 0.032839 | 0.000245 | 11025.265686 | pp | 15.707274 | 0.002979 | 0.767576 | 52.5605 | 133.866 | 5.479877 | 7.139198 | 0.075861 | 7.00 ± 0.60 |
| 18-PS-03c | 18.062087 | 0.273369 | 24.760586 | 0.35314 | 70.387168 | 1.235815 | 0.022536 | 0.00025 | 15088.338595 | pp | 24.207999 | 0.001494 | 0.713492 | 42.6315 | 102.037 | 4.718096 | 6.612685 | 0.076601 | NaN |
| 18-PS-03d | 15.385989 | 0.235831 | 20.635986 | 0.305671 | 70.789864 | 1.334741 | 0.016329 | 0.000258 | 9900.695208 | pp | 20.568759 | 0.001649 | 0.714102 | 41.7485 | 117.488 | 3.509098 | 4.914002 | 0.070192 | NaN |
| 18-PS-03e | 13.3592 | 0.189846 | 20.033947 | 0.298978 | 45.68063 | 0.745405 | 0.02609 | 0.000137 | 11255.194567 | pp | 18.275547 | 0.002318 | 0.751258 | 49.4925 | 117.495 | 4.718560 | 6.280877 | 0.058827 | NaN |
| 18-PS-03f | 5.911246 | 0.087461 | 7.597242 | 0.147366 | 39.993965 | 0.612802 | 0.014728 | 0.00012 | 7609.289228 | np | 7.88897 | 0.001935 | 0.751238 | 53.227 | 84.822 | 6.961443 | 9.266622 | 0.101727 | NaN |
| 18-PS-03g | 16.218744 | 0.239713 | 18.337437 | 0.451795 | 66.146642 | 0.986179 | 0.030859 | 0.000161 | 15039.67238 | nn | 20.840438 | 0.002052 | 0.721190 | 41.739 | 146.23 | 5.622498 | 7.796139 | 0.077340 | NaN |
| 18-PS-04a | 56.7422 | 0.804328 | 92.870088 | 1.319568 | 106.159556 | 1.677728 | 0.85794 | 0.001111 | 247929.22679 | pp | 79.004598 | 0.00346 | 0.772121 | 52.568 | 155.478 | 25.921621 | 33.571963 | 0.285604 | 29.47 ± 2.70 |
| 18-PS-04b | 40.289328 | 0.571774 | 63.700175 | 0.906185 | 56.666497 | 0.876777 | 0.399442 | 0.000648 | 92904.622876 | np | 55.478502 | 0.004299 | 0.765199 | 48.585 | 226.149 | 13.790421 | 18.022 | 0.148949 | NaN |
| 18-PS-04c | 28.125896 | 0.407851 | 36.693011 | 0.524176 | 74.001793 | 1.151464 | 0.266913 | 0.000577 | 113039.98278 | np | 37.082069 | 0.002361 | 0.727952 | 42.411 | 162.991 | 25.122454 | 34.511141 | 0.292713 | NaN |
| 18-PS-04d | 23.351092 | 0.336373 | 26.222802 | 0.377147 | 192.045541 | 2.964766 | 0.216807 | 0.000276 | 87055.961393 | np | 30.447455 | 0.00249 | 0.753753 | 49.473 | 126.334 | 23.925804 | 31.742218 | 0.284892 | NaN |
| 18-PS-04e | 13.879669 | 0.202794 | 30.108761 | 0.437064 | 51.139406 | 0.781554 | 0.154523 | 0.000496 | 64598.512557 | np | 21.180816 | 0.002392 | 0.734577 | 43.9565 | 153.712 | 24.993558 | 34.024408 | 0.285230 | NaN |
| 18-PS-04f | 15.455779 | 0.222671 | 27.431829 | 0.412749 | 25.647884 | 0.408809 | 0.151977 | 0.000266 | 50073.009867 | nn | 22.003066 | 0.003035 | 0.744136 | 44.8575 | 187.278 | 18.576589 | 24.963968 | 0.206328 | NaN |
| 18-PS-05a | 18.228571 | 0.276297 | 14.372587 | 0.221139 | 112.314123 | 1.721748 | 0.030983 | 0.000143 | 24590.109479 | np | 22.153327 | 0.00126 | 0.707723 | 43.29 | 83.478 | 8.719059 | 12.319874 | 0.120394 | 18.19 ± 2.31 |
| 18-PS-05b | 52.778091 | 0.762615 | 82.658405 | 1.179558 | 127.671009 | 1.938359 | 0.150307 | 0.000396 | 122205.47047 | np | 72.758513 | 0.00123 | 0.696222 | 40.193 | 94.53 | 13.749257 | 19.748391 | 0.158868 | NaN |
| 18-PS-05c | 31.220799 | 0.447425 | 28.033411 | 0.412225 | 240.98316 | 3.66576 | 0.07507 | 0.000234 | 75805.178938 | pp | 38.985533 | 0.00099 | 0.681600 | 39.099 | 80.43 | 15.980832 | 23.446056 | 0.201875 | NaN |
| 18-PS-05e | 12.290513 | 0.183528 | 19.48266 | 0.28528 | 23.126599 | 0.349249 | 0.05619 | 0.000227 | 36138.743776 | np | 16.965088 | 0.001555 | 0.712775 | 41.981 | 109.538 | 16.993690 | 23.841605 | 0.209749 | NaN |
| 18-PS-05f | 10.870802 | 0.164558 | 19.914373 | 0.294206 | 28.281354 | 0.505276 | 0.039742 | 0.000365 | 27776.729192 | np | 15.672172 | 0.001431 | 0.716518 | 44.177 | 91.025 | 13.932447 | 19.444668 | 0.203795 | NaN |
| 18-PS-05g | 12.339411 | 0.194599 | 9.428948 | 0.217405 | 108.561188 | 1.586966 | 0.022265 | 0.000157 | 14439.076417 | np | 15.088591 | 0.001542 | 0.714005 | 42.407 | 106.46 | 7.364692 | 10.314623 | 0.112070 | NaN |
| 18-PS-06a | 10.863897 | 0.164569 | 17.011655 | 0.244242 | 17.847301 | 0.499835 | 0.051311 | 0.000138 | 30528.069887 | pp | 14.933861 | 0.001681 | 0.737309 | 49.473 | 85.263 | 16.238781 | 22.024402 | 0.194062 | 22.47 ± 0.44 |
| 18-PS-06c ‡ | 10.009148 | 0.146321 | 0.652461 | 0.029559 | 91.174025 | 1.358215 | 0.073764 | 0.000429 | 54324.437378 | np | 10.617694 | 0.001358 | 0.709305 | 42.6275 | 92.78 | 42.421528 | 59.807137 | 0.652388 | NaN |
| 18-PS-06d | 30.617726 | 0.438372 | 44.957113 | 0.645498 | 102.266864 | 1.634816 | 0.124001 | 0.000472 | 82955.640972 | pp | 41.649025 | 0.001495 | 0.711347 | 42.018 | 105.121 | 16.299253 | 22.913231 | 0.195203 | NaN |
| 18-PS-07a | 51.758679 | 0.74042 | 75.431891 | 1.073674 | 303.169819 | 4.662857 | 1.486471 | 0.001082 | 375312.440942 | np | 70.925591 | 0.003961 | 0.784801 | 56.3145 | 155.062 | 44.202679 | 56.323416 | 0.498167 | - # |
| 18-PS-07b | 65.49449 | 0.939646 | 7.322693 | 0.107169 | 460.441692 | 7.347277 | 1.16506 | 0.001134 | 491626.335409 | pp | 69.510208 | 0.00237 | 0.753709 | 50.1355 | 117.059 | 59.688473 | 79.193033 | 0.816502 | NaN |
| 18-PS-07i † | 1.304496 | 0.020145 | 0.597819 | 0.009363 | 6.148144 | 0.142181 | 0.015816 | 0.000068 | 1731.727429 | nn | 1.475126 | 0.009133 | 0.825580 | 67.5775 | 248.303 | 8.556463 | 10.364188 | 0.123653 | NaN |
| 18-PS-07L | 23.784988 | 0.341543 | 30.104365 | 0.433656 | 211.537163 | 3.209996 | 0.571966 | 0.001177 | 142432.569623 | pp | 31.887095 | 0.004016 | 0.793712 | 60.7315 | 135.181 | 37.601855 | 47.374658 | 0.449271 | NaN |
| 18-PS-07o | 27.61122 | 0.392691 | 41.224092 | 0.591459 | 450.671797 | 6.737358 | 0.217129 | 0.000321 | 138039.135375 | pp | 39.511017 | 0.001573 | 0.713177 | 41.969 | 110.877 | 29.792336 | 41.774089 | 0.328635 | NaN |
| 18-PS-07q | 17.347032 | 0.248712 | 37.43484 | 0.533565 | 201.014566 | 2.968314 | 0.224816 | 0.0005 | 79245.628105 | np | 27.111858 | 0.002837 | 0.759854 | 50.155 | 140.025 | 24.527659 | 32.279444 | 0.261500 | NaN |
| 18-PS-07r | 7.87752 | 0.113419 | 14.425048 | 0.208885 | 71.187772 | 1.057202 | 0.177697 | 0.000351 | 25732.720014 | np | 11.60892 | 0.006906 | 0.822134 | 69.136 | 179.378 | 18.479288 | 22.477225 | 0.206101 | NaN |
| 18-PS-08a † | 4.474012 | 0.09423 | 5.257093 | 0.08054 | 141.487482 | 2.240565 | 0.018753 | 0.00013 | 8956.182115 | np | 6.411609 | 0.002094 | 0.740760 | 47.0395 | 117.488 | 11.175491 | 15.086529 | 0.196131 | 14.27 ± 0.86 |
| 18-PS-08b | 11.960485 | 0.178628 | 9.280087 | 0.137987 | 106.098256 | 1.605231 | 0.035099 | 0.000214 | 17906.047706 | np | 14.662516 | 0.00196 | 0.725164 | 43.073 | 131.18 | 9.755670 | 13.453052 | 0.136799 | NaN |
| 18-PS-08c | 6.737852 | 0.101667 | 7.011455 | 0.103573 | 204.8887 | 3.180067 | 0.021005 | 0.000232 | 13728.274307 | pp | 9.402976 | 0.00153 | 0.721510 | 44.831 | 94.52 | 11.827703 | 16.392989 | 0.189788 | NaN |
| 18-PS-08d | 13.715557 | 0.204751 | 12.630338 | 0.184681 | 133.669851 | 2.042742 | 0.062448 | 0.000306 | 19857.44335 | nn | 17.339406 | 0.003145 | 0.758875 | 48.814 | 163.865 | 9.417838 | 12.41027 | 0.125017 | NaN |
| 18-PS-08e † | 4.609923 | 0.077849 | 6.258731 | 0.098651 | 139.931034 | 2.075994 | 0.018665 | 0.000122 | 8804.650258 | pp | 6.774121 | 0.00212 | 0.749864 | 50.3565 | 103.797 | 10.328730 | 13.774132 | 0.151831 | NaN |
| 18-PS-08f | 5.348332 | 0.086951 | 6.892799 | 0.101131 | 186.422578 | 2.782792 | 0.019206 | 0.000156 | 10328.929215 | nn | 7.89336 | 0.001859 | 0.712441 | 40.414 | 141.35 | 10.565966 | 14.830658 | 0.164040 | NaN |
| Central and Western Santa Monica Mountains | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-SM-2a | 16.214638 | 0.233552 | 24.819952 | 0.358667 | 272.528765 | 4.210345 | 0.012048 | 0.000097 | 5418.738566 | np | 23.385151 | 0.002223 | 0.754766 | 51.68 | 103.36 | 1.652443 | 2.189345 | 0.022747 | - \*\* |
| 16-SM-2b ‡ | 22.384258 | 0.318451 | 24.868512 | 0.354367 | 204.417244 | 3.140194 | 0.20104 | 0.000254 | 59332.846987 | np | 29.225576 | 0.003388 | 0.764823 | 50.13 | 167.407 | 17.030464 | 22.267199 | 0.200689 | NaN |
| 16-SM-2c | 13.932212 | 0.206456 | 63.182634 | 0.902305 | 106.853189 | 1.609226 | 0.018002 | 0.000105 | 11743.430117 | np | 29.251215 | 0.001533 | 0.716795 | 43.285 | 101.587 | 2.956637 | 4.124802 | 0.034307 | NaN |
| 16-SM-2d | 6.775686 | 0.097458 | 11.748903 | 0.167736 | 120.718811 | 1.817795 | 0.020909 | 0.000144 | 6374.496769 | np | 10.128523 | 0.00328 | 0.778523 | 56.0975 | 129.413 | 4.891765 | 6.283388 | 0.062410 | NaN |
| 16-YB-01a † | 3.769019 | 0.064777 | 12.540171 | 0.181679 | 45.406219 | 0.703916 | 0.011733 | 0.000084 | 3759.535731 | nn | 6.93045 | 0.003121 | 0.765086 | 51.022 | 148.85 | 3.759414 | 4.913712 | 0.050511 | 5.22 ± 0.20 |
| 16-YB-01b | 23.389989 | 0.340284 | 109.382083 | 1.568221 | 384.669967 | 5.66367 | 0.040997 | 0.000356 | 22818.232419 | pp | 50.908747 | 0.001797 | 0.728316 | 44.8575 | 110.863 | 3.599002 | 4.941539 | 0.047373 | NaN |
| 16-YB-01c | 30.704714 | 0.439526 | 84.626984 | 1.218467 | 180.952893 | 2.677838 | 0.101634 | 0.000379 | 27300.849308 | nn | 51.412193 | 0.003723 | 0.773486 | 52.3395 | 168.728 | 4.341404 | 5.612779 | 0.047415 | NaN |
| 16-YB-01d | 43.595627 | 0.628031 | 93.337462 | 1.744417 | 81.575664 | 1.247675 | 0.113216 | 0.000156 | 32322.244603 | nn | 65.844472 | 0.003503 | 0.782487 | 56.998 | 133.866 | 3.990707 | 5.100032 | 0.046197 | NaN |
| 16-YB-02a ‡ | 27.02018 | 0.39284 | 13.519854 | 0.201124 | 238.849786 | 3.544013 | 0.087793 | 0.000174 | 39351.930528 | np | 31.378075 | 0.002231 | 0.738054 | 45.4935 | 133.837 | 10.423650 | 14.123147 | 0.139902 | 4.24 ± 0.75 |
| 16-YB-02b | 86.009563 | 1.580853 | 109.124373 | 1.55607 | 143.63575 | 2.123914 | 0.136406 | 0.000297 | 59121.111396 | np | 112.262845 | 0.002307 | 0.752707 | 50.1355 | 113.968 | 4.302668 | 5.716262 | 0.062727 | NaN |
| 16-YB-02c | 10.571548 | 0.155347 | 50.510609 | 0.727714 | 212.896848 | 3.20209 | 0.022401 | 0.000132 | 8537.945745 | pp | 23.455514 | 0.002624 | 0.762743 | 52.3625 | 118.813 | 2.808419 | 3.681997 | 0.034294 | NaN |
| 16-YB-02d | 12.580038 | 0.19057 | 38.935377 | 0.561417 | 31.446989 | 0.552252 | 0.020846 | 0.00012 | 7561.111423 | np | 21.848151 | 0.002757 | 0.778948 | 60.746 | 92.763 | 2.576557 | 3.307739 | 0.030791 | NaN |
| 18-PMB-01b | 10.571054 | 0.161688 | 24.062758 | 0.356937 | 116.645466 | 1.92709 | 0.026297 | 0.000163 | 11340.661703 | nn | 16.784967 | 0.002319 | 0.742236 | 46.3815 | 133.83 | 5.262641 | 7.090252 | 0.065765 | 6.48 ± 0.35 |
| 18-PMB-01c | 19.001979 | 0.306292 | 30.750713 | 0.446862 | 127.77856 | 1.852793 | 0.039882 | 0.000161 | 18122.369597 | np | 26.836538 | 0.002201 | 0.738349 | 45.714 | 130.75 | 5.375578 | 7.28054 | 0.070243 | NaN |
| 18-PMB-01d | 30.58694 | 0.443951 | 21.896514 | 0.326277 | 174.393413 | 2.841934 | 0.03172 | 0.00015 | 21779.841408 | np | 36.582692 | 0.001456 | 0.709266 | 41.739 | 103.796 | 4.681443 | 6.600408 | 0.062441 | NaN |
| 18-PMB-01e | 14.890434 | 0.387984 | 15.331187 | 0.228323 | 131.619084 | 2.070094 | 0.029046 | 0.000145 | 10766.105414 | np | 19.136027 | 0.002698 | 0.767523 | 54.1105 | 114.404 | 4.427770 | 5.768909 | 0.094588 | NaN |
| 18-PMB-01f | 9.220361 | 0.136218 | 19.872751 | 0.300755 | 84.104628 | 1.27329 | 0.016242 | 0.000144 | 7547.167644 | np | 14.291108 | 0.002152 | 0.759310 | 54.9935 | 88.354 | 3.877468 | 5.106566 | 0.055630 | NaN |
| 18-PMB-01g | 29.412554 | 0.435969 | 32.569271 | 0.478319 | 167.259359 | 2.684836 | 0.056226 | 0.000316 | 24395.754251 | pp | 37.870061 | 0.002305 | 0.739835 | 45.714 | 136.933 | 5.209643 | 7.041632 | 0.069095 | NaN |
| Hollywood | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 16-NC-01a | 119.916592 | 1.71382 | 105.395419 | 1.518125 | 138.522541 | 2.077148 | 0.094783 | 0.000265 | 37607.740204 | np | 145.271733 | 0.00252 | 0.736860 | 44.177 | 160.341 | 2.100251 | 2.85027 | 0.026234 | 3.02 ± 0.09 |
| 16-NC-01b ‡ | 106.589769 | 1.519957 | 61.460504 | 0.878661 | 85.2847 | 1.29858 | 0.048431 | 0.000247 | 15352.035795 | pp | 121.397951 | 0.003155 | 0.744937 | 44.8395 | 194.814 | 1.003668 | 1.347318 | 0.013860 | NaN |
| 16-NC-01c | 80.326144 | 1.148222 | 94.924645 | 1.355419 | 162.322655 | 2.425022 | 0.070411 | 0.000174 | 30024.67642 | pp | 103.350124 | 0.002345 | 0.761409 | 53.8895 | 100.262 | 2.342176 | 3.076108 | 0.028118 | NaN |
| 16-NC-01d | 133.523645 | 1.911872 | 89.152913 | 1.28922 | 116.065704 | 1.746194 | 0.122749 | 0.000211 | 43659.55386 | nn | 154.965755 | 0.002811 | 0.733105 | 42.6225 | 192.151 | 2.296960 | 3.133195 | 0.029383 | NaN |
| 16-NC-01 Zra | 1300.150463 | 18.51581 | 240.197113 | 3.407561 | NaN | NaN | 8.933107 | 0.007 | 2269922.136986 | nn | 1356.356587 | 0.003935 | 0.760389 | 47.71 | 214.662 | 13.845042 | 18.207841 | 0.191551 | 22.13 ± 1.51 |
| 16-NC-01 Zrb | 500.678677 | 7.146834 | 137.757643 | 1.968654 | NaN | NaN | 7.587773 | 0.005874 | 1120255.983616 | nn | 532.913965 | 0.006773 | 0.792356 | 54.769 | 280.356 | 17.379493 | 21.933939 | 0.229939 | NaN |
| 16-NC-01 Zrc | 674.178875 | 9.636873 | 183.490877 | 2.621283 | NaN | NaN | 5.786492 | 0.007041 | 1502001.107372 | nn | 717.11574 | 0.003853 | 0.757556 | 47.044 | 216.132 | 17.315178 | 22.856619 | 0.234816 | NaN |
| 16-NC-01 Zrd | 659.390411 | 9.421766 | 159.134084 | 2.292293 | NaN | NaN | 8.46163 | 0.006105 | 1662988.798369 | nn | 696.627787 | 0.005088 | 0.773522 | 50.1355 | 251.337 | 19.734722 | 25.512821 | 0.263707 | NaN |
| 17-HW-01a | 27.507194 | 0.39774 | 47.893608 | 0.685512 | 115.972229 | 1.738366 | 0.064795 | 0.000325 | 27670.730936 | np | 39.294159 | 0.002342 | 0.721826 | 41.082 | 172.266 | 5.684281 | 7.874865 | 0.068888 | 7.10 ± 0.81 |
| 17-HW-01b | 37.906921 | 0.537633 | 48.060185 | 0.682963 | 112.77735 | 1.668207 | 0.080108 | 0.000269 | 31752.436593 | np | 49.716891 | 0.002523 | 0.733442 | 43.3125 | 166.977 | 5.179855 | 7.062392 | 0.062159 | NaN |
| 17-HW-01c | 14.797095 | 0.212464 | 19.189385 | 0.276725 | 366.379593 | 5.580315 | 0.022044 | 0.00016 | 9668.262342 | pp | 21.119309 | 0.00228 | 0.752242 | 50.131 | 112.643 | 3.661094 | 4.866907 | 0.049151 | NaN |
| 17-HW-01d | 9.58581 | 0.137245 | 8.780924 | 0.126598 | 279.865226 | 4.101615 | 0.033808 | 0.000223 | 10225.467982 | np | 13.039873 | 0.003306 | 0.768504 | 51.677 | 153.716 | 6.615620 | 8.608438 | 0.088971 | NaN |
| 17-HW-02a | 14.881835 | 0.216436 | 43.407052 | 0.622918 | 170.512033 | 2.484077 | 0.054986 | 0.000307 | 20511.602708 | np | 25.891646 | 0.002681 | 0.759719 | 50.7935 | 129.009 | 6.434587 | 8.469689 | 0.075861 | - \*\*\* |
| 17-HW-02b ‡ | 24.011151 | 0.344581 | 2.572821 | 0.041506 | 276.309536 | 4.072669 | 0.119065 | 0.000431 | 35076.784452 | np | 25.994739 | 0.003394 | 0.783057 | 57.8605 | 125.887 | 11.434989 | 14.603011 | 0.164060 | NaN |
| 17-HW-02c | 29.944204 | 0.426425 | 21.945292 | 0.313123 | 226.645835 | 3.304204 | 0.098928 | 0.000358 | 29611.721086 | np | 36.212632 | 0.003341 | 0.776345 | 54.776 | 138.247 | 6.777164 | 8.729583 | 0.086522 | NaN |
| 17-HW-02d † | 4.811144 | 0.078587 | 20.453476 | 0.293893 | 200.972864 | 2.941481 | 0.022904 | 0.00018 | 6402.957552 | np | 10.602121 | 0.003577 | 0.779942 | 55.453 | 144.431 | 4.860607 | 6.232009 | 0.063908 | NaN |
| 17-HW-03a | 35.828223 | 0.509838 | 18.796257 | 0.269899 | 108.920054 | 1.628108 | 0.07626 | 0.000263 | 17607.798898 | np | 40.771148 | 0.004331 | 0.785698 | 55.659 | 173.582 | 3.510332 | 4.467785 | 0.046846 | 4.64 ± 0.21 |
| 17-HW-03b | 53.170071 | 0.75584 | 26.345231 | 0.374302 | 149.470984 | 2.19041 | 0.078711 | 0.000301 | 26509.362606 | pp | 60.08221 | 0.002969 | 0.759280 | 49.473 | 150.62 | 3.587244 | 4.724535 | 0.046989 | NaN |
| 17-HW-03c | 40.978661 | 0.968194 | 25.908207 | 0.369538 | 125.971323 | 1.848009 | 0.054346 | 0.000323 | 22413.23538 | np | 47.671038 | 0.002425 | 0.728624 | 42.407 | 167.407 | 3.776307 | 5.182795 | 0.082044 | NaN |
| 17-HW-03d | 37.900364 | 0.544986 | 17.808255 | 0.255615 | 103.341252 | 1.559478 | 0.043151 | 0.000204 | 16467.232714 | np | 42.584202 | 0.00262 | 0.735233 | 43.515 | 171.82 | 3.072612 | 4.1791 | 0.042734 | NaN |
| 17-HW-04a | 61.528206 | 0.874835 | 52.984023 | 0.754326 | 170.186212 | 2.496919 | 0.202159 | 0.000288 | 39897.046213 | nn | 74.777398 | 0.005067 | 0.800483 | 60.746 | 170.49 | 4.402207 | 5.499441 | 0.051033 | 8.59 ± 1.26 |
| 17-HW-04b | 7.122668 | 0.105066 | 16.623556 | 0.242229 | 129.22153 | 1.901089 | 0.02245 | 0.00015 | 11948.695217 | pp | 11.658688 | 0.001879 | 0.718500 | 41.739 | 133.903 | 7.990779 | 11.12147 | 0.100505 | NaN |
| 17-HW-04c | 53.67469 | 0.762341 | 28.889318 | 0.409892 | 203.166312 | 2.963441 | 0.161052 | 0.00044 | 44398.445012 | nn | 61.450622 | 0.003627 | 0.783575 | 56.981 | 138.714 | 5.973279 | 7.62311 | 0.076398 | NaN |
| 17-HW-04d | 20.450246 | 0.291557 | 26.246671 | 0.373194 | 157.863194 | 2.314787 | 0.067246 | 0.000302 | 25732.720919 | nn | 27.381283 | 0.002613 | 0.761030 | 51.6845 | 121.463 | 7.684005 | 10.09685 | 0.093681 | NaN |
| 17-HW-06a | 25.432156 | 0.367337 | 51.441333 | 0.73429 | 233.873929 | 3.452477 | 0.065656 | 0.00031 | 27730.957829 | np | 38.638798 | 0.002368 | 0.737576 | 44.836 | 146.23 | 5.862692 | 7.948592 | 0.067537 | 8.74 ± 1.59 |
| 17-HW-06b | 22.110416 | 0.318267 | 14.356107 | 0.207677 | 362.87412 | 5.412216 | 0.068502 | 0.000331 | 31251.372172 | np | 27.284116 | 0.002192 | 0.720150 | 41.086 | 161.224 | 9.665792 | 13.421918 | 0.127548 | NaN |
| 17-HW-06c | 18.84192 | 0.268027 | 14.619655 | 0.209566 | 288.129992 | 4.202882 | 0.063842 | 0.000317 | 16057.630633 | np | 23.70357 | 0.003976 | 0.786374 | 56.998 | 151.945 | 5.677543 | 7.219903 | 0.073815 | NaN |
| 17-HW-06d | 7.279429 | 0.105741 | 24.95125 | 0.466175 | 124.406313 | 1.890871 | 0.023521 | 0.00015 | 8676.612809 | pp | 13.740053 | 0.002711 | 0.769017 | 54.773 | 112.188 | 4.901311 | 6.373476 | 0.064453 | NaN |
| 17-HW-09a | 39.502341 | 0.564245 | 36.83265 | 0.526089 | 174.965292 | 2.591767 | 0.149032 | 0.000516 | 77645.242287 | nn | 48.996007 | 0.001919 | 0.721891 | 42.407 | 132.517 | 13.079807 | 18.11882 | 0.171237 | - # \*\* |
| 17-HW-09b | 22.508668 | 0.326887 | 61.636368 | 0.875395 | 190.83123 | 2.816329 | 0.075239 | 0.000252 | 24050.29398 | nn | 37.885734 | 0.003128 | 0.758736 | 48.814 | 163.011 | 5.181653 | 6.829323 | 0.056148 | NaN |
| 17-HW-09c | 74.467085 | 1.060546 | 63.585579 | 0.904393 | 235.24214 | 3.457348 | 0.197243 | 0.000664 | 97386.940774 | np | 90.522321 | 0.002025 | 0.716962 | 40.861 | 150.614 | 8.882128 | 12.388559 | 0.112260 | NaN |
| 17-HW-09d | 21.119467 | 0.300612 | 13.533754 | 0.195088 | 167.403226 | 2.440788 | 0.369527 | 0.000765 | 103189.446724 | pp | 25.123382 | 0.003581 | 0.784449 | 57.6395 | 133.83 | 34.563732 | 44.061143 | 0.448436 | NaN |
| † Age excluded from calculation of mean age and standard error due to low Uranium content (<5ppm). Grain not included in thermal model inversions. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| ‡ Age identified as an outlier by the statistical test of Dean and Dixon (1951) at the 90 percent confidence interval and excluded from calculation of mean age and standard error. Grain not included in thermal model inversions. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| \* Standard error is >20% of mean age, and two of four grain ages are the same as the depositional age of the sedimentary rock. No mean age reported. Grains not used in thermal modelling. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| \*\* Standard error is >20% of mean age. No mean age reported. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| \*\*\* Less than three grains analyzed or remaining after rejecting outliers or low-U grains. No mean age reported. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| \*\*\*\* All but one grain rejected due to <5 ppm U concentration. Mean age not reported | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| # Mean cooling age is older than the depositional age of the sedimentary rock from which the sample was collected. No mean age reported. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 1 The Following terms refer to the morphology of apatite grains: nn = a grain with two unbroken euhedral tips; pp = a grain with both tips broken such that they are roughly perpendicular to the c-axis; np = a grain with one unbroken tip and one tip broken roughly perpendicular to the c-axis; multigrain = multiple apatite grains degassed for 4He within one packet due to low single-grain 4He yield. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 2 Ft is alpha-ejection correction after Farley et al., (1996). | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 3 The age error reported for single grained ages represents the propagated one-sigma uncertainty based on the analytical error in measuring He, U, Th and Sm. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |