## Table S1

| Spot | Concentrations(ppm) | Th/U | U-Pb isotopic ratios | Ages(Ma) |
| --- | --- | --- | --- | --- |
| Pb | Th | U |  | 207Pb/206Pb | 1σ | 207Pb/235U | 1σ | 206Pb/238U | 1σ | 207Pb/206Pb | 1σ | 207Pb/235U | 1σ | 206Pb/238U | 1σ |
| ***XC10D217B2*** |
| XC10D217B2-03 | 24.75 | 169 | 932 | 0.18 | 0.0492 | 0.0021 | 0.1690 | 0.0073 | 0.0248 | 0.0007 | 167 | 104 | 159 | 6.4 | 158 | 4.3 |
| XC10D217B2-04 | 10.21 | 31.6 | 369 | 0.09 | 0.0491 | 0.0029 | 0.1782 | 0.0102 | 0.0265 | 0.0008 | 154 | 139 | 167 | 8.8 | 169 | 4.8 |
| XC10D217B2-05 | 39.61 | 53.3 | 1499 | 0.04 | 0.0489 | 0.0021 | 0.1725 | 0.0072 | 0.0255 | 0.0007 | 146 | 100.0 | 162 | 6.3 | 162 | 4.4 |
| XC10D217B2-06 | 35.57 | 214 | 1304 | 0.16 | 0.0507 | 0.0022 | 0.1784 | 0.0077 | 0.0254 | 0.0007 | 228 | 100.0 | 167 | 6.6 | 162 | 4.4 |
| XC10D217B2-08 | 56.67 | 194 | 2293 | 0.08 | 0.0467 | 0.0018 | 0.1581 | 0.0063 | 0.0245 | 0.0008 | 31.6 | 88.9 | 149 | 5.5 | 156 | 4.7 |
| XC10D217B2-10 | 26.59 | 233 | 935 | 0.25 | 0.0471 | 0.0020 | 0.1687 | 0.0075 | 0.0257 | 0.0007 | 53.8 | 100.0 | 158 | 6.5 | 164 | 4.7 |
| XC10D217B2-11 | 12.44 | 124 | 424 | 0.29 | 0.0515 | 0.0030 | 0.1965 | 0.0126 | 0.0274 | 0.0009 | 261 | 133 | 182 | 10.7 | 174 | 5.5 |
| XC10D217B2-13 | 6.19 | 130 | 191 | 0.68 | 0.0504 | 0.0033 | 0.1729 | 0.0111 | 0.0253 | 0.0008 | 217 | 152 | 162 | 9.6 | 161 | 4.9 |
| XC10D217B2-14 | 5.63 | 43.0 | 210 | 0.21 | 0.0463 | 0.0031 | 0.1553 | 0.0098 | 0.0246 | 0.0008 | 13.1 | 156 | 147 | 8.6 | 157 | 4.9 |
| XC10D217B2-16 | 9.05 | 95.8 | 310 | 0.31 | 0.0514 | 0.0035 | 0.1788 | 0.0116 | 0.0258 | 0.0008 | 261 | 157 | 167 | 10.0 | 164 | 4.9 |
| XC10D217B2-17 | 10.59 | 158 | 360 | 0.44 | 0.0500 | 0.0031 | 0.1676 | 0.0101 | 0.0245 | 0.0007 | 195 | 138 | 157 | 8.8 | 156 | 4.4 |
| XC10D217B2-19 | 5.00 | 12.9 | 184 | 0.07 | 0.0480 | 0.0032 | 0.1668 | 0.0110 | 0.0254 | 0.0008 | 102 | 152 | 157 | 9.6 | 162 | 5.0 |
| XC10D217B2-20 | 19.68 | 214 | 709 | 0.30 | 0.0470 | 0.0023 | 0.1604 | 0.0078 | 0.0248 | 0.0007 | 50.1 | 111 | 151 | 6.8 | 158 | 4.5 |
| XC10D217B2-22 | 10.99 | 236 | 353 | 0.67 | 0.0505 | 0.0030 | 0.1729 | 0.0100 | 0.0250 | 0.0007 | 217 | 137 | 162 | 8.7 | 159 | 4.5 |
| XC10D217B2-23 | 23.11 | 36.0 | 881 | 0.04 | 0.0490 | 0.0022 | 0.1701 | 0.0074 | 0.0252 | 0.0007 | 150 | 106 | 160 | 6.4 | 160 | 4.3 |
| XC10D217B2-24 | 17.84 | 104 | 659 | 0.16 | 0.0469 | 0.0023 | 0.1648 | 0.0082 | 0.0255 | 0.0007 | 42.7 | 124 | 155 | 7.1 | 162 | 4.6 |
| XC10D217B2-26 | 39.22 | 53.0 | 1512 | 0.04 | 0.0488 | 0.0021 | 0.1729 | 0.0075 | 0.0256 | 0.0007 | 139 | 102 | 162 | 6.5 | 163 | 4.5 |
| XC10D217B2-27 | 11.95 | 16.8 | 448 | 0.04 | 0.0548 | 0.0028 | 0.1946 | 0.0099 | 0.0257 | 0.0007 | 406 | 117 | 181 | 8.4 | 164 | 4.7 |
| XC10D217B2-29 | 5.21 | 11.8 | 209 | 0.06 | 0.0526 | 0.0033 | 0.1711 | 0.0104 | 0.0241 | 0.0007 | 322 | 144 | 160 | 9.0 | 154 | 4.6 |
| XC10D217B2-25 | 9.30 | 125 | 277 | 0.45 | 0.0483 | 0.0030 | 0.2011 | 0.0133 | 0.0300 | 0.0009 | 122 | 131 | 186 | 11.2 | 190 | 5.7 |
| XC10D217B2-01 | 9.33 | 40.2 | 213 | 0.19 | 0.0549 | 0.0032 | 0.2938 | 0.0173 | 0.0391 | 0.0016 | 409 | 130 | 262 | 13.6 | 247 | 9.8 |
| XC10D217B2-28 | 7.66 | 33.7 | 165 | 0.20 | 0.0565 | 0.0035 | 0.3273 | 0.0217 | 0.0417 | 0.0015 | 472 | 142 | 287 | 16.6 | 263 | 9.4 |
| XC10D217B2-15 | 48.0 | 196 | 78.7 | 2.49 | 0.1074 | 0.0045 | 4.9066 | 0.2078 | 0.3296 | 0.0094 | 1755 | 77.8 | 1803 | 35.7 | 1837 | 45.7 |
| XC10D217B2-09 | 315.14 | 20.9 | 691 | 0.03 | 0.1469 | 0.0049 | 8.1633 | 0.2738 | 0.4000 | 0.0108 | 2310 | 58.8 | 2249 | 30.4 | 2169 | 49.6 |
| XC10D217B2-12 | 25.4 | 883 | 931 | 0.95 | 0.0474 | 0.0023 | 0.1312 | 0.0062 | 0.0202 | 0.0006 | 77.9 | 111 | 125 | 5.6 | 129 | 3.6 |
| XC10D217B2-30 | 17.45 | 669 | 623 | 1.07 | 0.0495 | 0.0024 | 0.1408 | 0.0068 | 0.0205 | 0.0006 | 172 | 115 | 134 | 6.0 | 131 | 3.7 |
| XC10D217B2-07 | 15.97 | 428 | 621 | 0.69 | 0.0476 | 0.0026 | 0.1350 | 0.0071 | 0.0206 | 0.0006 | 79.7 | 131 | 129 | 6.3 | 132 | 3.7 |
| XC10D217B2-02 | 9.78 | 285 | 384 | 0.74 | 0.0475 | 0.0031 | 0.1367 | 0.0088 | 0.0210 | 0.0006 | 72.3 | 148 | 130 | 7.9 | 134 | 3.9 |
| ***XC12D010B7*** |
| XC12D010B7-02 | 38.00 | 57.8 | 1405 | 0.04 | 0.0480 | 0.0018 | 0.1680 | 0.0063 | 0.0252 | 0.0007 | 98 | 87.0 | 158 | 5.5 | 160 | 4.3 |
| XC12D010B7-03 | 46.33 | 271 | 1797 | 0.15 | 0.0491 | 0.0018 | 0.1629 | 0.0064 | 0.0238 | 0.0007 | 154 | 87.0 | 153 | 5.6 | 151 | 4.3 |
| XC12D010B7-04 | 3.83 | 35.7 | 127 | 0.28 | 0.0544 | 0.0037 | 0.1920 | 0.0123 | 0.0261 | 0.0008 | 387 | 186 | 178 | 10.5 | 166 | 5.1 |
| XC12D010B7-05 | 12.75 | 158 | 425 | 0.37 | 0.0456 | 0.0027 | 0.1672 | 0.0099 | 0.0265 | 0.0008 |  |  | 157 | 8.6 | 169 | 5.0 |
| XC12D010B7-06 | 33.58 | 235 | 1232 | 0.19 | 0.0477 | 0.0076 | 0.1678 | 0.0250 | 0.0248 | 0.0015 | 87 | 346.3 | 158 | 21.7 | 158 | 9.4 |
| XC12D010B7-07 | 14.40 | 61.0 | 477 | 0.13 | 0.0536 | 0.0085 | 0.2039 | 0.0301 | 0.0268 | 0.0016 | 354 | 322 | 188 | 25.4 | 171 | 10.1 |
| XC12D010B7-08 | 6.57 | 13.0 | 264 | 0.05 | 0.0455 | 0.0073 | 0.1525 | 0.0229 | 0.0237 | 0.0014 |  |  | 144 | 20.1 | 151 | 8.7 |
| XC12D010B7-09 | 9.88 | 126 | 344 | 0.37 | 0.0491 | 0.0075 | 0.1731 | 0.0248 | 0.0251 | 0.0015 | 154 | 322 | 162 | 21.4 | 160 | 9.1 |
| XC12D010B7-10 | 20.25 | 34.1 | 706 | 0.05 | 0.0498 | 0.0072 | 0.1951 | 0.0264 | 0.0279 | 0.0016 | 187 | 313 | 181 | 22.5 | 178 | 9.9 |
| XC12D010B7-11 | 40.89 | 64.1 | 1650 | 0.04 | 0.0497 | 0.0058 | 0.1650 | 0.0182 | 0.0235 | 0.0011 | 189 | 242.6 | 155 | 15.8 | 150 | 7.1 |
| XC12D010B7-12 | 4.33 | 13.8 | 168 | 0.08 | 0.0546 | 0.0068 | 0.1819 | 0.0213 | 0.0242 | 0.0012 | 394 | 283 | 170 | 18.3 | 154 | 7.5 |
| XC12D010B7-13 | 32.30 | 64.0 | 1280 | 0.05 | 0.0489 | 0.0054 | 0.1634 | 0.0171 | 0.0237 | 0.0011 | 143 | 241 | 154 | 15.0 | 151 | 6.8 |
| XC12D010B7-14 | 7.56 | 14.8 | 256 | 0.06 | 0.0512 | 0.0058 | 0.1916 | 0.0206 | 0.0270 | 0.0012 | 250 | 244 | 178 | 17.5 | 171 | 7.8 |
| XC12D010B7-15 | 7.48 | 205 | 233 | 0.88 | 0.0486 | 0.0055 | 0.1634 | 0.0172 | 0.0243 | 0.0011 | 128 | 248 | 154 | 15.0 | 155 | 6.7 |
| XC12D010B7-16 | 4.46 | 13.1 | 174 | 0.08 | 0.0486 | 0.0050 | 0.1622 | 0.0161 | 0.0242 | 0.0010 | 128 | 226 | 153 | 14.1 | 154 | 6.4 |
| XC12D010B7-17 | 15.86 | 91.0 | 536 | 0.17 | 0.0539 | 0.0049 | 0.2048 | 0.0182 | 0.0273 | 0.0011 | 369 | 208.3 | 189 | 15.4 | 173 | 7.0 |
| XC12D010B7-18 | 3.88 | 11.4 | 151 | 0.08 | 0.0545 | 0.0055 | 0.1802 | 0.0171 | 0.0242 | 0.0010 | 391 | 232 | 168 | 14.8 | 154 | 6.3 |
| XC12D010B7-19 | 14.01 | 169 | 447 | 0.38 | 0.0537 | 0.0047 | 0.2028 | 0.0168 | 0.0272 | 0.0010 | 361 | 198 | 187 | 14.2 | 173 | 6.4 |
| XC12D010B7-20 | 7.31 | 126 | 241 | 0.52 | 0.0500 | 0.0045 | 0.1758 | 0.0151 | 0.0251 | 0.0009 | 195 | 196 | 164 | 13.0 | 160 | 5.9 |
| XC12D010B7-23 | 8.39 | 94.9 | 284 | 0.33 | 0.0491 | 0.0035 | 0.1731 | 0.0119 | 0.0257 | 0.0008 | 150 | 159 | 162 | 10.3 | 163 | 5.0 |
| XC12D010B7-25 | 12.87 | 141 | 422 | 0.33 | 0.0513 | 0.0029 | 0.1883 | 0.0102 | 0.0266 | 0.0008 | 254 | 134 | 175 | 8.7 | 169 | 5.0 |
| XC12D010B7-27 | 17.78 | 35.1 | 668 | 0.05 | 0.0535 | 0.0027 | 0.1852 | 0.0092 | 0.0251 | 0.0007 | 346 | 113 | 173 | 7.9 | 160 | 4.5 |
| XC12D010B7-22 | 21.92 | 211 | 641 | 0.33 | 0.0499 | 0.0029 | 0.2142 | 0.0123 | 0.0310 | 0.0010 | 191 | 133 | 197 | 10.3 | 197 | 6.3 |
| XC12D010B7-01 | 25.27 | 146 | 749 | 0.20 | 0.0544 | 0.0025 | 0.2376 | 0.0115 | 0.0316 | 0.0010 | 387 | 102 | 216 | 9.4 | 201 | 6.1 |
| XC12D010B7-24 | 20.87 | 46.7 | 541 | 0.09 | 0.0499 | 0.0027 | 0.2480 | 0.0133 | 0.0356 | 0.0011 | 191 | 131 | 225 | 10.8 | 226 | 6.6 |
| XC12D010B7-30 | 12.92 | 33.7 | 86.5 | 0.39 | 0.0717 | 0.0035 | 1.2063 | 0.0584 | 0.1223 | 0.0035 | 977 | 101.1 | 803 | 26.9 | 744 | 20.1 |
| ***WES10D214B1*** |
| WES10D214B1-01 |  |  |  |  | 0.0493 | 0.00357 | 0.16762 | 0.01202 | 0.02466 | 0.00048 | 162 | 125 | 157 | 10 | 157 | 3 |
| WES10D214B1-02 |  |  |  |  | 0.04923 | 0.00353 | 0.1743 | 0.01243 | 0.02567 | 0.00047 | 159 | 126 | 163 | 11 | 163 | 3 |
| WES10D214B1-03 |  |  |  |  | 0.04929 | 0.00206 | 0.17335 | 0.00726 | 0.0255 | 0.00041 | 162 | 68 | 162 | 6 | 162 | 3 |
| WES10D214B1-05 |  |  |  |  | 0.04932 | 0.00294 | 0.16899 | 0.00999 | 0.02485 | 0.00044 | 163 | 102 | 159 | 9 | 158 | 3 |
| WES10D214B1-07 |  |  |  |  | 0.04946 | 0.00219 | 0.18397 | 0.00813 | 0.02697 | 0.00044 | 170 | 73 | 171 | 7 | 172 | 3 |
| WES10D214B1-09 |  |  |  |  | 0.04939 | 0.00256 | 0.17601 | 0.00905 | 0.02584 | 0.00045 | 166 | 87 | 165 | 8 | 164 | 3 |
| WES10D214B1-10 |  |  |  |  | 0.04915 | 0.00359 | 0.17067 | 0.01237 | 0.02518 | 0.00046 | 155 | 129 | 160 | 11 | 160 | 3 |
| WES10D214B1-18 |  |  |  |  | 0.04938 | 0.00204 | 0.17065 | 0.00707 | 0.02506 | 0.0004 | 166 | 67 | 160 | 6 | 160 | 3 |
| WES10D214B1-21 |  |  |  |  | 0.04827 | 0.00348 | 0.1845 | 0.01325 | 0.02771 | 0.00049 | 113 | 127 | 172 | 11 | 176 | 3 |
| WES10D214B1-22 |  |  |  |  | 0.04924 | 0.0031 | 0.17461 | 0.0109 | 0.02572 | 0.00046 | 159 | 109 | 163 | 9 | 164 | 3 |
| WES10D214B1-23 |  |  |  |  | 0.04946 | 0.00348 | 0.17265 | 0.01208 | 0.02531 | 0.00044 | 170 | 125 | 162 | 10 | 161 | 3 |
| WES10D214B1-25 |  |  |  |  | 0.04844 | 0.00368 | 0.16764 | 0.01263 | 0.0251 | 0.00047 | 121 | 133 | 157 | 11 | 160 | 3 |
| WES10D214B1-26 |  |  |  |  | 0.04893 | 0.00294 | 0.16412 | 0.00981 | 0.02432 | 0.00043 | 144 | 103 | 154 | 9 | 155 | 3 |
| WES10D214B1-28 |  |  |  |  | 0.04897 | 0.00244 | 0.16365 | 0.00812 | 0.02423 | 0.00041 | 146 | 83 | 154 | 7 | 154 | 3 |
| WES10D214B1-32 |  |  |  |  | 0.04906 | 0.00229 | 0.16308 | 0.00762 | 0.02411 | 0.0004 | 151 | 78 | 153 | 7 | 154 | 3 |
| WES10D214B1-34 |  |  |  |  | 0.0482 | 0.00201 | 0.17012 | 0.00709 | 0.02559 | 0.00042 | 109 | 66 | 160 | 6 | 163 | 3 |
| WES10D214B1-35 |  |  |  |  | 0.04941 | 0.00215 | 0.1688 | 0.00739 | 0.02478 | 0.00038 | 167 | 73 | 158 | 6 | 158 | 2 |
| WES10D214B1-36 |  |  |  |  | 0.04947 | 0.00299 | 0.16856 | 0.01019 | 0.02471 | 0.00041 | 170 | 107 | 158 | 9 | 157 | 3 |
| WES10D214B1-37 |  |  |  |  | 0.04901 | 0.00387 | 0.16562 | 0.01297 | 0.0245 | 0.00048 | 148 | 139 | 156 | 11 | 156 | 3 |
| WES10D214B1-39 |  |  |  |  | 0.04936 | 0.00214 | 0.17899 | 0.00777 | 0.02629 | 0.00042 | 165 | 71 | 167 | 7 | 167 | 3 |
| WES10D214B1-41 |  |  |  |  | 0.04898 | 0.00268 | 0.1685 | 0.00917 | 0.02495 | 0.00043 | 147 | 92 | 158 | 8 | 159 | 3 |
| WES10D214B1-42 |  |  |  |  | 0.04905 | 0.00246 | 0.16987 | 0.00851 | 0.02511 | 0.00042 | 150 | 84 | 159 | 7 | 160 | 3 |
| WES10D214B1-45 |  |  |  |  | 0.0493 | 0.00211 | 0.16889 | 0.00723 | 0.02484 | 0.0004 | 162 | 70 | 158 | 6 | 158 | 3 |
| WES10D214B1-47 |  |  |  |  | 0.04933 | 0.00241 | 0.16753 | 0.00819 | 0.02463 | 0.0004 | 164 | 83 | 157 | 7 | 157 | 3 |
| WES10D214B1-51 |  |  |  |  | 0.04954 | 0.0036 | 0.18108 | 0.01304 | 0.02651 | 0.00051 | 173 | 127 | 169 | 11 | 169 | 3 |
| WES10D214B1-52 |  |  |  |  | 0.04931 | 0.00297 | 0.17013 | 0.01024 | 0.02502 | 0.00041 | 163 | 107 | 160 | 9 | 159 | 3 |
| WES10D214B1-55 |  |  |  |  | 0.04924 | 0.00365 | 0.16633 | 0.01223 | 0.0245 | 0.00047 | 159 | 130 | 156 | 11 | 156 | 3 |
| WES10D214B1-58 |  |  |  |  | 0.04916 | 0.00311 | 0.17093 | 0.01075 | 0.02521 | 0.00045 | 155 | 109 | 160 | 9 | 160 | 3 |
| WES10D214B1-59 |  |  |  |  | 0.04935 | 0.00325 | 0.18114 | 0.01183 | 0.02661 | 0.0005 | 164 | 113 | 169 | 10 | 169 | 3 |
| WES10D214B1-04 |  |  |  |  | 0.05042 | 0.00255 | 0.22939 | 0.01155 | 0.03299 | 0.00055 | 214 | 86 | 210 | 10 | 209 | 3 |
| WES10D214B1-06 |  |  |  |  | 0.05043 | 0.00215 | 0.2363 | 0.01007 | 0.03398 | 0.00055 | 215 | 69 | 215 | 8 | 215 | 3 |
| WES10D214B1-12 |  |  |  |  | 0.04997 | 0.00288 | 0.21518 | 0.01232 | 0.03123 | 0.00055 | 194 | 99 | 198 | 10 | 198 | 3 |
| WES10D214B1-13 |  |  |  |  | 0.05073 | 0.00185 | 0.25343 | 0.00931 | 0.03623 | 0.00056 | 229 | 56 | 229 | 8 | 229 | 3 |
| WES10D214B1-14 |  |  |  |  | 0.05029 | 0.00245 | 0.22755 | 0.01102 | 0.03281 | 0.00055 | 208 | 81 | 208 | 9 | 208 | 3 |
| WES10D214B1-15 |  |  |  |  | 0.0507 | 0.00257 | 0.24555 | 0.01239 | 0.03513 | 0.00059 | 227 | 85 | 223 | 10 | 223 | 4 |
| WES10D214B1-16 |  |  |  |  | 0.0496 | 0.00284 | 0.19313 | 0.011 | 0.02824 | 0.00049 | 176 | 99 | 179 | 9 | 180 | 3 |
| WES10D214B1-17 |  |  |  |  | 0.05034 | 0.00207 | 0.2233 | 0.00922 | 0.03216 | 0.00051 | 211 | 66 | 205 | 8 | 204 | 3 |
| WES10D214B1-19 |  |  |  |  | 0.05096 | 0.00301 | 0.26454 | 0.01552 | 0.03764 | 0.00068 | 239 | 102 | 238 | 12 | 238 | 4 |
| WES10D214B1-20 |  |  |  |  | 0.05062 | 0.0035 | 0.23316 | 0.01612 | 0.0334 | 0.00055 | 224 | 127 | 213 | 13 | 212 | 3 |
| WES10D214B1-27 |  |  |  |  | 0.05001 | 0.01635 | 0.19976 | 0.06495 | 0.02897 | 0.0011 | 195 | 503 | 185 | 55 | 184 | 7 |
| WES10D214B1-29 |  |  |  |  | 0.05063 | 0.00259 | 0.24091 | 0.0123 | 0.03451 | 0.00058 | 224 | 87 | 219 | 10 | 219 | 4 |
| WES10D214B1-30 |  |  |  |  | 0.05055 | 0.00271 | 0.25013 | 0.01341 | 0.03588 | 0.00058 | 220 | 94 | 227 | 11 | 227 | 4 |
| WES10D214B1-31 |  |  |  |  | 0.05167 | 0.00679 | 0.26177 | 0.03415 | 0.03673 | 0.00084 | 271 | 253 | 236 | 27 | 233 | 5 |
| WES10D214B1-40 |  |  |  |  | 0.05038 | 0.0019 | 0.22009 | 0.00841 | 0.03168 | 0.00048 | 213 | 60 | 202 | 7 | 201 | 3 |
| WES10D214B1-43 |  |  |  |  | 0.04959 | 0.00281 | 0.19651 | 0.01105 | 0.02874 | 0.00051 | 176 | 96 | 182 | 9 | 183 | 3 |
| WES10D214B1-46 |  |  |  |  | 0.05047 | 0.00469 | 0.23276 | 0.02142 | 0.03345 | 0.00071 | 217 | 168 | 212 | 18 | 212 | 4 |
| WES10D214B1-48 |  |  |  |  | 0.0509 | 0.0018 | 0.26145 | 0.00933 | 0.03724 | 0.00058 | 236 | 54 | 236 | 8 | 236 | 4 |
| WES10D214B1-56 |  |  |  |  | 0.05072 | 0.00228 | 0.24667 | 0.01109 | 0.03527 | 0.00059 | 228 | 73 | 224 | 9 | 223 | 4 |
| WES10D214B1-57 |  |  |  |  | 0.04996 | 0.0047 | 0.21331 | 0.01984 | 0.03096 | 0.00067 | 193 | 169 | 196 | 17 | 197 | 4 |
| WES10D214B1-60 |  |  |  |  | 0.0507 | 0.00277 | 0.23744 | 0.01295 | 0.03396 | 0.00057 | 227 | 95 | 216 | 11 | 215 | 4 |
| WES10D214B1-24 |  |  |  |  | 0.05159 | 0.00256 | 0.29341 | 0.01452 | 0.04125 | 0.00069 | 267 | 83 | 261 | 11 | 261 | 4 |
| WES10D214B1-33 |  |  |  |  | 0.05137 | 0.00262 | 0.29285 | 0.0149 | 0.04134 | 0.0007 | 257 | 86 | 261 | 12 | 261 | 4 |
| WES10D214B1-49 |  |  |  |  | 0.05381 | 0.00281 | 0.30048 | 0.01574 | 0.04049 | 0.00065 | 363 | 89 | 267 | 12 | 256 | 4 |
| WES10D214B1-08 |  |  |  |  | 0.05114 | 0.03351 | 0.29856 | 0.19483 | 0.04234 | 0.00269 | 247 | 992 | 265 | 152 | 267 | 17 |
| WES10D214B1-50 |  |  |  |  | 0.05938 | 0.00202 | 0.47926 | 0.01657 | 0.05853 | 0.00089 | 581 | 49 | 398 | 11 | 367 | 5 |
| WES10D214B1-54 |  |  |  |  | 0.05489 | 0.00315 | 0.48209 | 0.02743 | 0.06369 | 0.00116 | 408 | 95 | 400 | 19 | 398 | 7 |
| WES10D214B1-38 |  |  |  |  | 0.0636 | 0.0025 | 0.81977 | 0.03242 | 0.09347 | 0.00148 | 728 | 57 | 608 | 18 | 576 | 9 |
| WES10D214B1-44 |  |  |  |  | 0.16894 | 0.00437 | 10.75406 | 0.28851 | 0.4616 | 0.00686 | 2547 | 26 | 2502 | 25 | 2447 | 30 |
| ***WES10D228B2*** |
| WES10D228B2-02 |  |  |  |  | 0.0494 | 0.0026 | 0.1786 | 0.0092 | 0.0262 | 0.0005 | 166 | 87 | 167 | 8 | 167 | 3 |
| WES10D228B2-03 |  |  |  |  | 0.0494 | 0.0038 | 0.1768 | 0.0133 | 0.0260 | 0.0005 | 166 | 133 | 165 | 11 | 165 | 3 |
| WES10D228B2-05 |  |  |  |  | 0.0494 | 0.0087 | 0.1733 | 0.0301 | 0.0254 | 0.0008 | 167 | 291 | 162 | 26 | 162 | 5 |
| WES10D228B2-14 |  |  |  |  | 0.0493 | 0.0037 | 0.1746 | 0.0128 | 0.0257 | 0.0005 | 164 | 128 | 163 | 11 | 163 | 3 |
| WES10D228B2-17 |  |  |  |  | 0.0494 | 0.0044 | 0.1785 | 0.0158 | 0.0262 | 0.0006 | 167 | 158 | 167 | 14 | 167 | 4 |
| WES10D228B2-23 |  |  |  |  | 0.0489 | 0.0028 | 0.1679 | 0.0095 | 0.0249 | 0.0005 | 144 | 94 | 158 | 8 | 158 | 3 |
| WES10D228B2-26 |  |  |  |  | 0.0491 | 0.0043 | 0.1779 | 0.0154 | 0.0263 | 0.0006 | 151 | 154 | 166 | 13 | 167 | 4 |
| WES10D228B2-27 |  |  |  |  | 0.0494 | 0.0063 | 0.1802 | 0.0229 | 0.0265 | 0.0007 | 166 | 236 | 168 | 20 | 168 | 4 |
| WES10D228B2-28 |  |  |  |  | 0.0498 | 0.0019 | 0.1764 | 0.0067 | 0.0257 | 0.0004 | 184 | 59 | 165 | 6 | 164 | 3 |
| WES10D228B2-30 |  |  |  |  | 0.0489 | 0.0027 | 0.1695 | 0.0093 | 0.0251 | 0.0004 | 145 | 92 | 159 | 8 | 160 | 3 |
| WES10D228B2-35 |  |  |  |  | 0.0540 | 0.0036 | 0.1818 | 0.0120 | 0.0244 | 0.0004 | 370 | 117 | 170 | 10 | 156 | 3 |
| WES10D228B2-36 |  |  |  |  | 0.0492 | 0.0047 | 0.1690 | 0.0161 | 0.0249 | 0.0006 | 159 | 171 | 159 | 14 | 158 | 4 |
| WES10D228B2-37 |  |  |  |  | 0.0492 | 0.0032 | 0.1709 | 0.0108 | 0.0252 | 0.0005 | 159 | 110 | 160 | 9 | 160 | 3 |
| WES10D228B2-41 |  |  |  |  | 0.0492 | 0.0025 | 0.1693 | 0.0086 | 0.0250 | 0.0004 | 155 | 84 | 159 | 7 | 159 | 3 |
| WES10D228B2-45 |  |  |  |  | 0.0493 | 0.0027 | 0.1689 | 0.0091 | 0.0249 | 0.0004 | 161 | 91 | 158 | 8 | 158 | 3 |
| WES10D228B2-46 |  |  |  |  | 0.0493 | 0.0030 | 0.1710 | 0.0102 | 0.0252 | 0.0005 | 160 | 101 | 160 | 9 | 160 | 3 |
| WES10D228B2-47 |  |  |  |  | 0.0492 | 0.0028 | 0.1685 | 0.0095 | 0.0248 | 0.0005 | 159 | 95 | 158 | 8 | 158 | 3 |
| WES10D228B2-60 |  |  |  |  | 0.0500 | 0.0047 | 0.1770 | 0.0165 | 0.0257 | 0.0005 | 196 | 171 | 166 | 14 | 163 | 3 |
| WES10D228B2-61 |  |  |  |  | 0.0492 | 0.0030 | 0.1662 | 0.0100 | 0.0245 | 0.0005 | 158 | 102 | 156 | 9 | 156 | 3 |
| WES10D228B2-07 |  |  |  |  | 0.0501 | 0.0169 | 0.2088 | 0.0698 | 0.0303 | 0.0018 | 198 | 490 | 193 | 59 | 192 | 11 |
| WES10D228B2-12 |  |  |  |  | 0.0496 | 0.0054 | 0.1953 | 0.0211 | 0.0285 | 0.0007 | 177 | 195 | 181 | 18 | 181 | 5 |
| WES10D228B2-21 |  |  |  |  | 0.0500 | 0.0036 | 0.2034 | 0.0146 | 0.0295 | 0.0005 | 196 | 130 | 188 | 12 | 187 | 3 |
| WES10D228B2-24 |  |  |  |  | 0.0497 | 0.0021 | 0.2040 | 0.0087 | 0.0297 | 0.0005 | 183 | 69 | 189 | 7 | 189 | 3 |
| WES10D228B2-55 |  |  |  |  | 0.0505 | 0.0063 | 0.2102 | 0.0262 | 0.0302 | 0.0006 | 219 | 238 | 194 | 22 | 192 | 4 |
| WES10D228B2-09 |  |  |  |  | 0.0501 | 0.0027 | 0.2164 | 0.0114 | 0.0313 | 0.0006 | 198 | 89 | 199 | 10 | 199 | 3 |
| WES10D228B2-10 |  |  |  |  | 0.0501 | 0.0023 | 0.2162 | 0.0098 | 0.0313 | 0.0005 | 198 | 74 | 199 | 8 | 199 | 3 |
| WES10D228B2-11 |  |  |  |  | 0.0503 | 0.0043 | 0.2278 | 0.0190 | 0.0328 | 0.0007 | 210 | 148 | 208 | 16 | 208 | 4 |
| WES10D228B2-33 |  |  |  |  | 0.0504 | 0.0027 | 0.2312 | 0.0125 | 0.0333 | 0.0006 | 212 | 94 | 211 | 10 | 211 | 3 |
| WES10D228B2-49 |  |  |  |  | 0.0507 | 0.0036 | 0.2321 | 0.0164 | 0.0332 | 0.0007 | 226 | 125 | 212 | 14 | 211 | 4 |
| WES10D228B2-51 |  |  |  |  | 0.0507 | 0.0049 | 0.2225 | 0.0210 | 0.0318 | 0.0008 | 228 | 169 | 204 | 17 | 202 | 5 |
| WES10D228B2-62 |  |  |  |  | 0.0503 | 0.0034 | 0.2282 | 0.0150 | 0.0329 | 0.0007 | 207 | 114 | 209 | 12 | 209 | 4 |
| WES10D228B2-08 |  |  |  |  | 0.0492 | 0.0063 | 0.2504 | 0.0316 | 0.0369 | 0.0009 | 158 | 234 | 227 | 26 | 234 | 6 |
| WES10D228B2-13 |  |  |  |  | 0.0518 | 0.0022 | 0.2482 | 0.0106 | 0.0348 | 0.0006 | 274 | 68 | 225 | 9 | 220 | 4 |
| WES10D228B2-16 |  |  |  |  | 0.0504 | 0.0208 | 0.2468 | 0.1015 | 0.0355 | 0.0016 | 215 | 646 | 224 | 83 | 225 | 10 |
| WES10D228B2-19 |  |  |  |  | 0.0505 | 0.0023 | 0.2383 | 0.0109 | 0.0342 | 0.0006 | 216 | 75 | 217 | 9 | 217 | 4 |
| WES10D228B2-22 |  |  |  |  | 0.0510 | 0.0104 | 0.2503 | 0.0509 | 0.0356 | 0.0009 | 242 | 347 | 227 | 41 | 225 | 5 |
| WES10D228B2-31 |  |  |  |  | 0.0517 | 0.0022 | 0.2462 | 0.0103 | 0.0346 | 0.0006 | 270 | 66 | 223 | 8 | 219 | 4 |
| WES10D228B2-39 |  |  |  |  | 0.0507 | 0.0022 | 0.2476 | 0.0106 | 0.0354 | 0.0006 | 228 | 68 | 225 | 9 | 224 | 4 |
| WES10D228B2-40 |  |  |  |  | 0.0505 | 0.0034 | 0.2413 | 0.0159 | 0.0347 | 0.0007 | 218 | 115 | 220 | 13 | 220 | 4 |
| WES10D228B2-43 |  |  |  |  | 0.0516 | 0.0030 | 0.2507 | 0.0143 | 0.0352 | 0.0006 | 269 | 99 | 227 | 12 | 223 | 4 |
| WES10D228B2-44 |  |  |  |  | 0.0516 | 0.0033 | 0.2466 | 0.0155 | 0.0347 | 0.0007 | 266 | 110 | 224 | 13 | 220 | 4 |
| WES10D228B2-57 |  |  |  |  | 0.0506 | 0.0028 | 0.2407 | 0.0130 | 0.0345 | 0.0006 | 221 | 90 | 219 | 11 | 219 | 4 |
| WES10D228B2-50 |  |  |  |  | 0.0509 | 0.0063 | 0.2666 | 0.0327 | 0.0380 | 0.0009 | 236 | 231 | 240 | 26 | 240 | 6 |
| WES10D228B2-52 |  |  |  |  | 0.0550 | 0.0043 | 0.2887 | 0.0226 | 0.0381 | 0.0007 | 411 | 141 | 258 | 18 | 241 | 5 |
| WES10D228B2-56 |  |  |  |  | 0.0510 | 0.0066 | 0.2732 | 0.0353 | 0.0389 | 0.0009 | 240 | 248 | 245 | 28 | 246 | 5 |
| WES10D228B2-01 |  |  |  |  | 0.0515 | 0.0063 | 0.2922 | 0.0350 | 0.0412 | 0.0011 | 263 | 220 | 260 | 27 | 260 | 7 |
| WES10D228B2-29 |  |  |  |  | 0.0507 | 0.0108 | 0.2820 | 0.0598 | 0.0403 | 0.0013 | 227 | 349 | 252 | 47 | 255 | 8 |
| WES10D228B2-34 |  |  |  |  | 0.0518 | 0.0061 | 0.3026 | 0.0354 | 0.0423 | 0.0010 | 278 | 221 | 268 | 28 | 267 | 6 |
| WES10D228B2-58 |  |  |  |  | 0.0510 | 0.0040 | 0.2822 | 0.0217 | 0.0401 | 0.0008 | 240 | 136 | 252 | 17 | 254 | 5 |
| WES10D228B2-06 |  |  |  |  | 0.0521 | 0.0037 | 0.3350 | 0.0234 | 0.0466 | 0.0010 | 291 | 122 | 293 | 18 | 294 | 6 |
| WES10D228B2-15 |  |  |  |  | 0.0519 | 0.0025 | 0.3194 | 0.0151 | 0.0446 | 0.0007 | 282 | 78 | 281 | 12 | 281 | 5 |
| WES10D228B2-04 |  |  |  |  | 0.0507 | 0.0092 | 0.3629 | 0.0659 | 0.0519 | 0.0013 | 227 | 324 | 314 | 49 | 326 | 8 |
| WES10D228B2-18 |  |  |  |  | 0.0564 | 0.0051 | 0.5855 | 0.0522 | 0.0753 | 0.0017 | 468 | 160 | 468 | 33 | 468 | 10 |
| WES10D228B2-32 |  |  |  |  | 0.0628 | 0.0024 | 0.6934 | 0.0264 | 0.0800 | 0.0013 | 702 | 54 | 535 | 16 | 496 | 8 |
| WES10D228B2-38 |  |  |  |  | 0.0569 | 0.0041 | 0.4761 | 0.0338 | 0.0607 | 0.0011 | 486 | 125 | 395 | 23 | 380 | 7 |
| WES10D228B2-54 |  |  |  |  | 0.0605 | 0.0038 | 0.6504 | 0.0401 | 0.0779 | 0.0014 | 623 | 101 | 509 | 25 | 484 | 9 |
| WES10D228B2-59 |  |  |  |  | 0.0567 | 0.0062 | 0.6137 | 0.0663 | 0.0785 | 0.0016 | 479 | 207 | 486 | 42 | 487 | 9 |
| WES10D228B2-20 |  |  |  |  | 0.0655 | 0.0022 | 0.8379 | 0.0288 | 0.0928 | 0.0014 | 789 | 46 | 618 | 16 | 572 | 8 |
| WES10D228B2-42 |  |  |  |  | 0.0614 | 0.0044 | 0.7729 | 0.0556 | 0.0913 | 0.0017 | 653 | 124 | 581 | 32 | 563 | 10 |
| WES10D228B2-53 |  |  |  |  | 0.0665 | 0.0081 | 1.2633 | 0.1520 | 0.1378 | 0.0039 | 822 | 207 | 829 | 68 | 832 | 22 |
| ***TS12D008B2*** |
| TS12D008B2-01 | 16.45  | 164.0  | 619  | 0.27 | 0.0480  | 0.0016  | 0.1743  | 0.0067  | 0.0262  | 0.0005  | 98  | 78  | 163  | 5.8  | 167  | 3.2  |
| TS12D008B2-02 | 28.78  | 173.2  | 1169  | 0.15 | 0.0476  | 0.0012  | 0.1556  | 0.0042  | 0.0237  | 0.0003  | 76  | 63  | 147  | 3.7  | 151  | 1.9  |
| TS12D008B2-03 | 3.47  | 58.9  | 113  | 0.52 | 0.0541  | 0.0032  | 0.1797  | 0.0094  | 0.0249  | 0.0004  | 376  | 131  | 168  | 8.1  | 159  | 2.6  |
| TS12D008B2-06 | 4.98  | 66.7  | 160  | 0.42 | 0.0520  | 0.0027  | 0.1896  | 0.0098  | 0.0265  | 0.0004  | 283  | 119  | 176  | 8.4  | 169  | 2.6  |
| TS12D008B2-07 | 22.56  | 451.0  | 750  | 0.60 | 0.0503  | 0.0016  | 0.1772  | 0.0056  | 0.0255  | 0.0004  | 209  | 40  | 166  | 4.8  | 162  | 2.6  |
| TS12D008B2-08 | 9.59  | 133.4  | 332  | 0.40 | 0.0491  | 0.0022  | 0.1711  | 0.0076  | 0.0251  | 0.0003  | 150  | 97  | 160  | 6.6  | 160  | 1.9  |
| TS12D008B2-09 | 31.33  | 846.0  | 1000  | 0.85 | 0.0521  | 0.0014  | 0.1744  | 0.0049  | 0.0240  | 0.0003  | 287  | 59  | 163  | 4.2  | 153  | 1.8  |
| TS12D008B2-12 | 8.91  | 151.5  | 297  | 0.51 | 0.0518  | 0.0024  | 0.1799  | 0.0078  | 0.0254  | 0.0003  | 276  | 106  | 168  | 6.7  | 162  | 1.9  |
| TS12D008B2-13 | 10.35  | 193.9  | 334  | 0.58 | 0.0503  | 0.0021  | 0.1782  | 0.0073  | 0.0259  | 0.0003  | 206  | 98  | 166  | 6.3  | 165  | 1.9  |
| TS12D008B2-16 | 39.07  | 500.0  | 1391  | 0.36 | 0.0518  | 0.0015  | 0.1803  | 0.0054  | 0.0253  | 0.0004  | 276  | 67  | 168  | 4.6  | 161  | 2.5  |
| TS12D008B2-17 | 27.60  | 352.6  | 975  | 0.36 | 0.0508  | 0.0015  | 0.1821  | 0.0064  | 0.0260  | 0.0004  | 232  | 68  | 170  | 5.5  | 165  | 2.4  |
| TS12D008B2-19 | 19.31  | 168.5  | 713  | 0.24 | 0.0509  | 0.0016  | 0.1822  | 0.0063  | 0.0259  | 0.0003  | 239  | 72  | 170  | 5.4  | 165  | 2.1  |
| TS12D008B2-20 | 4.83  | 97.9  | 158  | 0.62 | 0.0500  | 0.0024  | 0.1710  | 0.0081  | 0.0250  | 0.0004  | 195  | 115  | 160  | 7.1  | 159  | 2.3  |
| TS12D008B2-22 | 7.40  | 109.0  | 250  | 0.44 | 0.0500  | 0.0021  | 0.1743  | 0.0072  | 0.0252  | 0.0003  | 198  | 103  | 163  | 6.2  | 161  | 1.8  |
| TS12D008B2-23 | 11.84  | 348.2  | 369  | 0.94 | 0.0497  | 0.0020  | 0.1666  | 0.0068  | 0.0242  | 0.0002  | 183  | 96  | 156  | 5.9  | 154  | 1.4  |
| TS12D008B2-24 | 30.17  | 430.2  | 1111  | 0.39 | 0.0492  | 0.0012  | 0.1643  | 0.0044  | 0.0242  | 0.0003  | 167  | 59  | 154  | 3.8  | 154  | 1.8  |
| TS12D008B2-26 | 5.78  | 132.1  | 176  | 0.75 | 0.0521  | 0.0028  | 0.1852  | 0.0092  | 0.0262  | 0.0004  | 300  | 124  | 172  | 7.9  | 167  | 2.4  |
| TS12D008B2-28 | 24.59  | 350.9  | 852  | 0.41 | 0.0480  | 0.0014  | 0.1679  | 0.0047  | 0.0253  | 0.0003  | 102  | 69  | 158  | 4.1  | 161  | 1.8  |
| TS12D008B2-11 | 16.9  | 226  | 556  | 0.41 | 0.0506  | 0.0018  | 0.1978  | 0.0076  | 0.0283  | 0.0005  | 220  | 50.9  | 183  | 6.4  | 180  | 3.0  |
| TS12D008B2-04 | 41.4  | 357  | 1640  | 0.22 | 0.0511  | 0.0013  | 0.1649  | 0.0043  | 0.0233  | 0.0003  | 256  | 57.4  | 155  | 3.7  | 149  | 1.9  |
| TS12D008B2-05 | 48.3  | 289  | 1984  | 0.15 | 0.0467  | 0.0012  | 0.1455  | 0.0038  | 0.0224  | 0.0002  | 35  | 63.0  | 138  | 3.4  | 143  | 1.3  |
| TS12D008B2-14 | 41.5  | 461  | 1665  | 0.28 | 0.0514  | 0.0013  | 0.1571  | 0.0039  | 0.0221  | 0.0002  | 261  | 52.8  | 148  | 3.4  | 141  | 1.2  |
| TS12D008B2-18 | 40.3  | 485  | 1629  | 0.30 | 0.0483  | 0.0012  | 0.1457  | 0.0035  | 0.0219  | 0.0002  | 122  | 57.4  | 138  | 3.1  | 140  | 1.0  |
| TS12D008B2-25 | 50.4  | 700  | 2056  | 0.34 | 0.0493  | 0.0012  | 0.1461  | 0.0037  | 0.0214  | 0.0002  | 161  | 59.3  | 138  | 3.3  | 136  | 1.1  |
| TS12D008B2-27 | 88.0  | 1297  | 3291  | 0.39 | 0.0533  | 0.0011  | 0.1678  | 0.0034  | 0.0227  | 0.0002  | 343  | 48.1  | 158  | 3.0  | 145  | 1.2  |
| TS12D008B2-29 | 54.5  | 410  | 2233  | 0.18 | 0.0481  | 0.0010  | 0.1478  | 0.0031  | 0.0222  | 0.0002  | 102  | 50.0  | 140  | 2.7  | 142  | 1.0  |
| TS12D008B2-30 | 49.8  | 583  | 1951  | 0.30 | 0.0473  | 0.0011  | 0.1471  | 0.0033  | 0.0225  | 0.0002  | 65  | 55.6  | 139  | 2.9  | 144  | 1.4  |
| ***TS12D017B1*** |
| TS12D017B1-02 | 17.16  | 290  | 580  | 0.50 | 0.0501  | 0.0016  | 0.1706  | 0.0053  | 0.0247  | 0.0002  | 198  | 104.6  | 160  | 4.6  | 157  | 1.4  |
| TS12D017B1-03 | 12.61  | 226  | 437  | 0.52 | 0.0491  | 0.0018  | 0.1623  | 0.0059  | 0.0240  | 0.0002  | 154  | 87.0  | 153  | 5.2  | 153  | 1.4  |
| TS12D017B1-04 | 4.90  | 151  | 152  | 1.00 | 0.0548  | 0.0031  | 0.1816  | 0.0100  | 0.0242  | 0.0003  | 467  | 125.9  | 169  | 8.6  | 154  | 2.1  |
| TS12D017B1-06 | 16.68  | 156  | 644  | 0.24 | 0.0498  | 0.0020  | 0.1740  | 0.0079  | 0.0253  | 0.0004  | 187  | 96.3  | 163  | 6.8  | 161  | 2.6  |
| TS12D017B1-09 | 5.29  | 59  | 179  | 0.33 | 0.0520  | 0.0026  | 0.1823  | 0.0090  | 0.0255  | 0.0003  | 283  | 114.8  | 170  | 7.8  | 162  | 2.2  |
| TS12D017B1-10 | 5.99  | 131  | 196  | 0.67 | 0.0528  | 0.0022  | 0.1805  | 0.0076  | 0.0249  | 0.0003  | 320  | 89.8  | 168  | 6.6  | 159  | 2.1  |
| TS12D017B1-12 | 24.18  | 210  | 890  | 0.24 | 0.0489  | 0.0013  | 0.1695  | 0.0049  | 0.0252  | 0.0004  | 143  | 63.0  | 159  | 4.2  | 160  | 2.4  |
| TS12D017B1-16 | 8.86  | 94  | 309  | 0.30 | 0.0525  | 0.0022  | 0.1767  | 0.0072  | 0.0245  | 0.0003  | 309  | 94.4  | 165  | 6.2  | 156  | 1.8  |
| TS12D017B1-18 | 24.00  | 309  | 867  | 0.36 | 0.0480  | 0.0013  | 0.1578  | 0.0043  | 0.0238  | 0.0002  | 102  | 64.8  | 149  | 3.8  | 152  | 1.5  |
| TS12D017B1-19 | 11.27  | 131  | 404  | 0.32 | 0.0511  | 0.0019  | 0.1780  | 0.0070  | 0.0253  | 0.0003  | 243  | 87.0  | 166  | 6.0  | 161  | 2.2  |
| TS12D017B1-20 | 5.84  | 99  | 203  | 0.49 | 0.0447  | 0.0024  | 0.1453  | 0.0074  | 0.0239  | 0.0003  |  |  | 138  | 6.6  | 152  | 1.9  |
| TS12D017B1-21 | 9.76  | 175  | 296  | 0.59 | 0.0470  | 0.0020  | 0.1700  | 0.0068  | 0.0264  | 0.0003  | 50  | 100.0  | 159  | 5.9  | 168  | 1.7  |
| TS12D017B1-22 | 22.27  | 352  | 783  | 0.45 | 0.0504  | 0.0014  | 0.1674  | 0.0047  | 0.0243  | 0.0004  | 217  | 64.8  | 157  | 4.1  | 154  | 2.7  |
| TS12D017B1-23 | 5.57  | 113  | 179  | 0.63 | 0.0536  | 0.0026  | 0.1843  | 0.0089  | 0.0253  | 0.0004  | 354  | 109.2  | 172  | 7.6  | 161  | 2.2  |
| TS12D017B1-24 | 19.40  | 465  | 608  | 0.76 | 0.0498  | 0.0015  | 0.1700  | 0.0052  | 0.0247  | 0.0002  | 187  | 67.6  | 159  | 4.5  | 157  | 1.4  |
| TS12D017B1-25 | 10.74  | 199  | 347  | 0.57 | 0.0520  | 0.0018  | 0.1825  | 0.0064  | 0.0254  | 0.0003  | 287  | 77.8  | 170  | 5.5  | 162  | 1.9  |
| TS12D017B1-26 | 19.99  | 375  | 666  | 0.56 | 0.0528  | 0.0018  | 0.1770  | 0.0059  | 0.0243  | 0.0002  | 320  | 75.9  | 165  | 5.1  | 155  | 1.4  |
| TS12D017B1-27 | 31.32  | 509  | 1071  | 0.48 | 0.0512  | 0.0013  | 0.1736  | 0.0046  | 0.0246  | 0.0003  | 256  | 59.2  | 163  | 4.0  | 157  | 1.9  |
| TS12D017B1-28 | 5.97  | 129  | 191  | 0.68 | 0.0551  | 0.0027  | 0.1847  | 0.0087  | 0.0246  | 0.0003  | 417  | 111.1  | 172  | 7.4  | 157  | 1.7  |
| TS12D017B1-29 | 10.29  | 231  | 318  | 0.73 | 0.0513  | 0.0022  | 0.1794  | 0.0077  | 0.0253  | 0.0002  | 254  | 98.1  | 168  | 6.6  | 161  | 1.5  |
| TS12D017B1-05 | 88.8  | 60.3  | 158  | 0.38 | 0.1633  | 0.0029  | 10.1199  | 0.1977  | 0.4488  | 0.0043  | 2490  | 29.8  | 2446  | 18.1  | 2390  | 19.0  |
| TS12D017B1-01 | 37.3  | 1181.7  | 1243  | 0.95 | 0.0520  | 0.0013  | 0.1644  | 0.0043  | 0.0230  | 0.0003  | 283  | 54.6  | 155  | 3.8  | 146  | 1.8  |
| TS12D017B1-14 | 51.9  | 1271.5  | 1911  | 0.67 | 0.0496  | 0.0013  | 0.1450  | 0.0036  | 0.0212  | 0.0002  | 176  | 54.6  | 138  | 3.2  | 135  | 1.2  |
| TS12D017B1-15 | 42.2  | 386.4  | 1741  | 0.22 | 0.0513  | 0.0014  | 0.1506  | 0.0040  | 0.0212  | 0.0002  | 254  | 65.7  | 142  | 3.5  | 135  | 1.3  |
| TS12D017B1-17 | 32.9  | 573.9  | 1176  | 0.49 | 0.0508  | 0.0013  | 0.1620  | 0.0046  | 0.0230  | 0.0003  | 232  | 65.7  | 152  | 4.0  | 147  | 1.9  |
| ***LS13D003B1*** |
| TS13D003B1-01 | 4.82  | 110  | 157  | 0.70 | 0.0042  | 0.1772  | 0.0129  | 0.0239  | 0.0007  | 0.0545  | 391  | 181  | 166  | 11.1  | 152  | 4.7  |
| TS13D003B1-02 | 13.95  | 348  | 383  | 0.91 | 0.0028  | 0.1751  | 0.0098  | 0.0264  | 0.0008  | 0.0487  | 200  | 64.8  | 164  | 8.5  | 168  | 4.7  |
| TS13D003B1-03 | 14.75  | 107  | 531  | 0.20 | 0.0024  | 0.1666  | 0.0083  | 0.0251  | 0.0007  | 0.0481  | 106  | 111  | 156  | 7.2  | 160  | 4.5  |
| TS13D003B1-04 | 3.72  | 85.5  | 117  | 0.73 | 0.0049  | 0.1935  | 0.0159  | 0.0243  | 0.0008  | 0.0588  | 561  | 190  | 180  | 13.5  | 155  | 5.2  |
| TS13D003B1-05 | 3.51  | 62.3  | 112  | 0.56 | 0.0053  | 0.1944  | 0.0163  | 0.0243  | 0.0009  | 0.0606  | 633  | 383  | 180  | 13.8  | 155  | 5.6  |
| TS13D003B1-08 | 7.31  | 138  | 231  | 0.60 | 0.0029  | 0.1657  | 0.0105  | 0.0254  | 0.0008  | 0.0477  | 83.4  | 150  | 156  | 9.1  | 162  | 4.7  |
| TS13D003B1-10 | 16.62  | 104  | 590  | 0.18 | 0.0023  | 0.1701  | 0.0081  | 0.0251  | 0.0007  | 0.0490  | 146  | 109  | 159  | 7.0  | 160  | 4.4  |
| TS13D003B1-11 | 4.69  | 98.7  | 146  | 0.68 | 0.0052  | 0.1988  | 0.0160  | 0.0243  | 0.0008  | 0.0612  | 656  | 183  | 184  | 13.6  | 154  | 5.1  |
| TS13D003B1-12 | 5.28  | 56.1  | 175  | 0.32 | 0.0035  | 0.2079  | 0.0149  | 0.0274  | 0.0009  | 0.0533  | 343  | 148  | 192  | 12.5  | 174  | 5.5  |
| TS13D003B1-13 | 5.23  | 71.4  | 179  | 0.40 | 0.0036  | 0.1809  | 0.0118  | 0.0246  | 0.0007  | 0.0542  | 389  | 145  | 169  | 10.1  | 157  | 4.7  |
| TS13D003B1-16 | 5.56  | 117  | 183  | 0.64 | 0.0033  | 0.1613  | 0.0107  | 0.0239  | 0.0007  | 0.0495  | 169  | -39.81 | 152  | 9.3  | 152  | 4.5  |
| TS13D003B1-21 | 8.11  | 131  | 257  | 0.51 | 0.0029  | 0.1646  | 0.0107  | 0.0258  | 0.0008  | 0.0456  |  |  | 155  | 9.4 | 164  | 4.7 |
| TS13D003B1-22 | 6.24  | 140  | 196  | 0.71 | 0.0033  | 0.1730  | 0.0114  | 0.0248  | 0.0007  | 0.0506  | 220  | 152  | 162  | 9.8  | 158  | 4.7  |
| TS13D003B1-25 | 5.62  | 85.4  | 184  | 0.46 | 0.0043  | 0.1966  | 0.0140  | 0.0250  | 0.0008  | 0.0585  | 550  | 156  | 182  | 11.9  | 159  | 5.3  |
| TS13D003B1-27 | 5.75  | 97.4  | 188  | 0.52 | 0.0037  | 0.1789  | 0.0124  | 0.0258  | 0.0008  | 0.0519  | 280  | 165  | 167  | 10.7  | 164  | 4.9  |
| TS13D003B1-28 | 5.70  | 84.9  | 196  | 0.43 | 0.0045  | 0.2021  | 0.0149  | 0.0246  | 0.0007  | 0.0598  | 594  | 166  | 187  | 12.6  | 156  | 4.7  |
| TS13D003B1-29 | 5.08  | 77.4  | 168  | 0.46 | 0.0036  | 0.1943  | 0.0119  | 0.0257  | 0.0008  | 0.0560  | 454  | 143  | 180  | 10.1  | 163  | 5.0  |
| TS13D003B1-30 | 4.76  | 91.6  | 156  | 0.59 | 0.0046  | 0.1919  | 0.0159  | 0.0255  | 0.0008  | 0.0552  | 420  | 182  | 178  | 13.5  | 162  | 5.2  |
| ***LS13D042B3*** |
| LS13D042B3-02 | 3.63  | 51.5  | 128  | 0.40 | 0.0540  | 0.0050  | 0.1779  | 0.0144  | 0.0249  | 0.0008  | 372  | 209  | 166  | 12.4  | 158  | 5.0  |
| LS13D042B3-04 | 7.29  | 44.5  | 273  | 0.16 | 0.0532  | 0.0033  | 0.1789  | 0.0107  | 0.0249  | 0.0007  | 345  | 143  | 167  | 9.2  | 158  | 4.6  |
| LS13D042B3-08 | 7.50  | 120  | 247  | 0.48 | 0.0523  | 0.0032  | 0.1854  | 0.0114  | 0.0258  | 0.0008  | 298  | 141  | 173  | 9.7  | 164  | 4.8  |
| LS13D042B3-10 | 39.32  | 229  | 1452  | 0.16 | 0.0500  | 0.0020  | 0.1732  | 0.0067  | 0.0251  | 0.0007  | 195  | 90.7  | 162  | 5.8  | 160  | 4.3  |
| LS13D042B3-12 | 5.10  | 85.9  | 172  | 0.50 | 0.0551  | 0.0036  | 0.1802  | 0.0119  | 0.0241  | 0.0007  | 413  | 146  | 168  | 10.2  | 154  | 4.6  |
| LS13D042B3-17 | 18.07  | 192  | 642  | 0.30 | 0.0479  | 0.0024  | 0.1603  | 0.0078  | 0.0244  | 0.0007  | 94.5  | 115  | 151  | 6.9  | 155  | 4.3  |
| LS13D042B3-18 | 4.75  | 121  | 146  | 0.83 | 0.0566  | 0.0044  | 0.1794  | 0.0124  | 0.0243  | 0.0008  | 476  | 174  | 168  | 10.6  | 155  | 5.0  |
| LS13D042B3-19 | 3.70  | 64.9  | 103  | 0.63 | 0.0568  | 0.0051  | 0.2094  | 0.0173  | 0.0276  | 0.0010  | 483  | 168  | 193  | 14.6  | 175  | 6.3  |
| LS13D042B3-20 | 3.47  | 55.4  | 107  | 0.52 | 0.0561  | 0.0046  | 0.1948  | 0.0149  | 0.0259  | 0.0009  | 457  | 183  | 181  | 12.7  | 165  | 5.7  |
| LS13D042B3-21 | 5.74  | 68.3  | 191  | 0.36 | 0.0474  | 0.0031  | 0.1647  | 0.0106  | 0.0255  | 0.0008  | 77.9  | 139  | 155  | 9.3  | 162  | 4.9  |
| LS13D042B3-26 | 16.32  | 88.4  | 602  | 0.15 | 0.0539  | 0.0033  | 0.1980  | 0.0136  | 0.0264  | 0.0009  | 369  | 132  | 183  | 11.5  | 168  | 5.6  |
| LS13D042B3-31 | 6.44  | 134  | 206  | 0.65 | 0.0543  | 0.0037  | 0.1842  | 0.0114  | 0.0250  | 0.0008  | 383  | 149  | 172  | 9.8  | 159  | 4.8  |
| LS13D042B3-33 | 9.23  | 83.6  | 334  | 0.25 | 0.0468  | 0.0026  | 0.1586  | 0.0087  | 0.0246  | 0.0007  | 39.0  | 126  | 149  | 7.6  | 157  | 4.4  |
| LS13D042B3-34 | 34.95  | 276  | 1304  | 0.21 | 0.0522  | 0.0021  | 0.1739  | 0.0072  | 0.0240  | 0.0007  | 295  | 94.4  | 163  | 6.2  | 153  | 4.1  |
| LS13D042B3-03 | 150.0  | 146  | 261  | 0.56 | 0.1632  | 0.0057  | 10.1967  | 0.3652  | 0.4519  | 0.0123  | 2500  | 59.3  | 2453  | 33.2  | 2404  | 54.7  |
| LS13D042B3-23 | 23.25  | 174  | 591  | 0.29 | 0.0500  | 0.0023  | 0.2309  | 0.0104  | 0.0337  | 0.0009  | 195  | 107  | 211  | 8.6  | 214  | 5.8  |
| LS13D042B3-24 | 8.57  | 102.3  | 271  | 0.38 | 0.0550  | 0.0037  | 0.2230  | 0.0167  | 0.0296  | 0.0010  | 413  | 156  | 204  | 13.9  | 188  | 6.2  |
| LS13D042B3-29 | 6.76  | 20.0  | 217  | 0.09 | 0.0540  | 0.0034  | 0.2112  | 0.0125  | 0.0288  | 0.0008  | 369  | 143  | 195  | 10.4  | 183  | 5.3  |
| LS13D042B3-30 | 13.82  | 143  | 449  | 0.32 | 0.0553  | 0.0032  | 0.2322  | 0.0145  | 0.0304  | 0.0010  | 433  | 125  | 212  | 11.9  | 193  | 6.3  |

## Table S2

| Spot | Age | 176Yb/177Hf | 176Lu/177Hf | 176Hf/177Hf | 2σ | εHf(0) | εHf(t) | 1σ | tDM1(Ma) | tDM2(Ma) | fLu/Hf |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***XC10D217B2*** |
| XC10D217B2.8 | 156 | 0.0596 | 0.0014 | 0.282027 | 0.000015 | -26.33 | -23.05 | 0.73 | 1739 | 2662 | -0.96 |
| XC10D217B2.17 | 156 | 0.0220 | 0.0006 | 0.281926 | 0.000020 | -29.92 | -26.57 | 0.88 | 1843 | 2883 | -0.98 |
| XC10D217B2.14 | 157 | 0.0228 | 0.0006 | 0.281990 | 0.000017 | -27.66 | -24.28 | 0.80 | 1756 | 2740 | -0.98 |
| XC10D217B2.3 | 158 | 0.0598 | 0.0013 | 0.282033 | 0.000023 | -26.13 | -22.80 | 0.96 | 1727 | 2648 | -0.96 |
| XC10D217B2.22 | 159 | 0.0540 | 0.0013 | 0.281957 | 0.000021 | -28.81 | -25.47 | 0.90 | 1834 | 2816 | -0.96 |
| XC10D217B2.23 | 160 | 0.0365 | 0.0008 | 0.281979 | 0.000016 | -28.06 | -24.64 | 0.76 | 1781 | 2765 | -0.98 |
| XC10D217B2.5 | 162 | 0.0498 | 0.0011 | 0.282001 | 0.000017 | -27.27 | -23.84 | 0.79 | 1764 | 2716 | -0.97 |
| XC10D217B2.6 | 162 | 0.0382 | 0.0008 | 0.281569 | 0.000020 | -42.54 | -39.08 | 0.87 | 2343 | 3666 | -0.98 |
| XC10D217B2.19 | 162 | 0.0262 | 0.0006 | 0.282050 | 0.000016 | -25.52 | -22.04 | 0.77 | 1675 | 2604 | -0.98 |
| XC10D217B2.26 | 163 | 0.0401 | 0.0009 | 0.281853 | 0.000019 | -32.49 | -29.02 | 0.87 | 1958 | 3041 | -0.97 |
| XC10D217B2.10 | 164 | 0.0520 | 0.0012 | 0.282153 | 0.000019 | -21.87 | -18.41 | 0.85 | 1557 | 2377 | -0.96 |
| XC10D217B2.27 | 164 | 0.0385 | 0.0008 | 0.281984 | 0.000019 | -27.86 | -24.35 | 0.85 | 1773 | 2750 | -0.98 |
| XC10D217B2.15 | 1755 | 0.0128 | 0.0003 | 0.281483 | 0.000018 | -45.59 | -6.88 | 0.91 | 2429 | 2852 | -0.99 |
| XC10D217B2.9 | 2310 | 0.0253 | 0.0006 | 0.281514 | 0.000018 | -44.49 | 6.36 | 0.94 | 2405 | 2463 | -0.98 |
| ***XC12D010B7*** |
| XC12D010B7.11 | 150 | 0.0196 | 0.0005 | 0.281956 | 0.000020 | -28.86 | -25.62 | 0.87 | 1798 | 2820 | -0.99 |
| XC12D010B7.3 | 151 | 0.0535 | 0.0011 | 0.282104 | 0.000016 | -23.61 | -20.42 | 0.78 | 1622 | 2494 | -0.97 |
| XC12D010B7.12 | 154 | 0.0259 | 0.0006 | 0.282010 | 0.000016 | -26.94 | -23.63 | 0.77 | 1727 | 2698 | -0.98 |
| XC12D010B7.18 | 154 | 0.0265 | 0.0007 | 0.281944 | 0.000017 | -29.29 | -25.98 | 0.79 | 1822 | 2845 | -0.98 |
| XC12D010B7.6 | 158 | 0.0574 | 0.0012 | 0.282092 | 0.000017 | -24.03 | -20.70 | 0.80 | 1643 | 2516 | -0.96 |
| XC12D010B7.2 | 160 | 0.0724 | 0.0017 | 0.282129 | 0.000020 | -22.74 | -19.41 | 0.90 | 1610 | 2437 | -0.95 |
| XC12D010B7.9 | 160 | 0.0538 | 0.0012 | 0.281965 | 0.000021 | -28.53 | -25.16 | 0.91 | 1819 | 2797 | -0.96 |
| XC12D010B7.27 | 160 | 0.0208 | 0.0006 | 0.281976 | 0.000017 | -28.17 | -24.72 | 0.79 | 1775 | 2771 | -0.98 |
| XC12D010B7.23 | 163 | 0.0658 | 0.0017 | 0.282009 | 0.000022 | -26.99 | -23.61 | 0.94 | 1784 | 2702 | -0.95 |
| XC12D010B7.4 | 166 | 0.0240 | 0.0006 | 0.282025 | 0.000020 | -26.42 | -22.85 | 0.88 | 1707 | 2657 | -0.98 |
| XC12D010B7.25 | 169 | 0.0617 | 0.0018 | 0.282092 | 0.000020 | -24.06 | -20.56 | 0.89 | 1670 | 2515 | -0.95 |
| XC12D010B7.1 | 201 | 0.0805 | 0.0017 | 0.282090 | 0.000022 | -24.13 | -19.95 | 0.94 | 1668 | 2501 | -0.95 |
| XC12D010B7.30 | 744 | 0.0649 | 0.0013 | 0.282063 | 0.000031 | -25.07 | -9.31 | 1.22 | 1687 | 2239 | -0.96 |
| ***WES10D214B1*** |
| WES10D214B1-28 | 154 | 0.0039 | 0.0001 | 0.282231 | 0.000018 | -19.14 | -15.77 | 0.83 | 1406 | 2204 | -1.00 |
| WES10D214B1-32 | 154 | 0.0461 | 0.0012 | 0.282243 | 0.000015 | -18.72 | -15.46 | 0.74 | 1431 | 2184 | -0.96 |
| WES10D214B1-26 | 155 | 0.0683 | 0.0018 | 0.282242 | 0.000017 | -18.73 | -15.52 | 0.80 | 1454 | 2188 | -0.95 |
| WES10D214B1-37 | 156 | 0.0418 | 0.0012 | 0.282224 | 0.000016 | -19.37 | -16.07 | 0.78 | 1456 | 2224 | -0.96 |
| WES10D214B1-55 | 156 | 0.0570 | 0.0013 | 0.282305 | 0.000021 | -16.52 | -13.24 | 0.93 | 1348 | 2045 | -0.96 |
| WES10D214B1-01 | 157 | 0.0111 | 0.0003 | 0.282346 | 0.000023 | -15.05 | -11.64 | 0.98 | 1257 | 1946 | -0.99 |
| WES10D214B1-36 | 157 | 0.0159 | 0.0004 | 0.282265 | 0.000014 | -17.93 | -14.53 | 0.72 | 1371 | 2128 | -0.99 |
| WES10D214B1-47 | 157 | 0.0199 | 0.0005 | 0.282275 | 0.000016 | -17.59 | -14.20 | 0.76 | 1360 | 2107 | -0.99 |
| WES10D214B1-05 | 158 | 0.0464 | 0.0012 | 0.282238 | 0.000022 | -18.87 | -15.53 | 0.94 | 1436 | 2191 | -0.96 |
| WES10D214B1-35 | 158 | 0.0226 | 0.0007 | 0.282186 | 0.000017 | -20.73 | -17.34 | 0.79 | 1490 | 2305 | -0.98 |
| WES10D214B1-45 | 158 | 0.0094 | 0.0002 | 0.282104 | 0.000024 | -23.64 | -20.20 | 0.99 | 1584 | 2486 | -0.99 |
| WES10D214B1-41 | 159 | 0.0591 | 0.0013 | 0.282199 | 0.000020 | -20.26 | -16.91 | 0.88 | 1496 | 2279 | -0.96 |
| WES10D214B1-52 | 159 | 0.0098 | 0.0002 | 0.282632 | 0.000015 | -4.96 | -1.49 | 0.75 | 860 | 1303 | -0.99 |
| WES10D214B1-10 | 160 | 0.0952 | 0.0024 | 0.282239 | 0.000015 | -18.86 | -15.61 | 0.76 | 1485 | 2197 | -0.93 |
| WES10D214B1-18 | 160 | 0.0228 | 0.0005 | 0.282183 | 0.000027 | -20.82 | -17.37 | 1.11 | 1488 | 2309 | -0.98 |
| WES10D214B1-25 | 160 | 0.1190 | 0.0031 | 0.282288 | 0.000018 | -17.10 | -13.92 | 0.83 | 1438 | 2090 | -0.91 |
| WES10D214B1-42 | 160 | 0.0573 | 0.0014 | 0.282275 | 0.000021 | -17.59 | -14.23 | 0.92 | 1395 | 2111 | -0.96 |
| WES10D214B1-58 | 160 | 0.0545 | 0.0015 | 0.282343 | 0.000017 | -15.17 | -11.82 | 0.81 | 1300 | 1958 | -0.96 |
| WES10D214B1-11 | 161 | 0.0399 | 0.0011 | 0.282368 | 0.000013 | -14.30 | -10.88 | 0.70 | 1252 | 1900 | -0.97 |
| WES10D214B1-23 | 161 | 0.0322 | 0.0008 | 0.282243 | 0.000018 | -18.72 | -15.27 | 0.82 | 1415 | 2178 | -0.98 |
| WES10D214B1-03 | 162 | 0.0370 | 0.0011 | 0.282163 | 0.000020 | -21.54 | -18.11 | 0.88 | 1540 | 2357 | -0.97 |
| WES10D214B1-02 | 163 | 0.1459 | 0.0035 | 0.282199 | 0.000019 | -20.27 | -17.07 | 0.85 | 1588 | 2290 | -0.90 |
| WES10D214B1-34 | 163 | 0.0323 | 0.0009 | 0.282218 | 0.000015 | -19.58 | -16.11 | 0.74 | 1455 | 2232 | -0.97 |
| WES10D214B1-09 | 164 | 0.0385 | 0.0010 | 0.282111 | 0.000015 | -23.37 | -19.89 | 0.74 | 1607 | 2470 | -0.97 |
| WES10D214B1-22 | 164 | 0.0284 | 0.0008 | 0.282207 | 0.000016 | -20.00 | -16.49 | 0.77 | 1467 | 2256 | -0.98 |
| WES10D214B1-39 | 167 | 0.0151 | 0.0004 | 0.282384 | 0.000018 | -13.73 | -10.11 | 0.81 | 1208 | 1856 | -0.99 |
| WES10D214B1-51 | 169 | 0.0325 | 0.0008 | 0.282403 | 0.000021 | -13.06 | -9.45 | 0.91 | 1195 | 1816 | -0.97 |
| WES10D214B1-59 | 169 | 0.0249 | 0.0007 | 0.282225 | 0.000016 | -19.34 | -15.72 | 0.77 | 1437 | 2212 | -0.98 |
| WES10D214B1-07 | 172 | 0.0601 | 0.0012 | 0.282439 | 0.000016 | -11.78 | -8.14 | 0.78 | 1156 | 1735 | -0.96 |
| WES10D214B1-21 | 176 | 0.0101 | 0.0003 | 0.282247 | 0.000016 | -18.58 | -14.75 | 0.79 | 1391 | 2156 | -0.99 |
| WES10D214B1-16 | 180 | 0.1137 | 0.0029 | 0.282234 | 0.000017 | -19.03 | -15.43 | 0.79 | 1513 | 2200 | -0.91 |
| WES10D214B1-43 | 183 | 0.0298 | 0.0007 | 0.282207 | 0.000019 | -19.97 | -16.05 | 0.84 | 1462 | 2243 | -0.98 |
| WES10D214B1-27 | 184 | 0.0368 | 0.0010 | 0.282229 | 0.000016 | -19.20 | -15.29 | 0.77 | 1443 | 2195 | -0.97 |
| WES10D214B1-57 | 197 | 0.0356 | 0.0010 | 0.282229 | 0.000014 | -19.19 | -14.99 | 0.72 | 1441 | 2187 | -0.97 |
| WES10D214B1-12 | 198 | 0.0547 | 0.0014 | 0.282330 | 0.000017 | -15.63 | -11.46 | 0.80 | 1315 | 1965 | -0.96 |
| WES10D214B1-40 | 201 | 0.0136 | 0.0003 | 0.282454 | 0.000016 | -11.24 | -6.87 | 0.77 | 1108 | 1677 | -0.99 |
| WES10D214B1-17 | 204 | 0.1493 | 0.0032 | 0.281638 | 0.000023 | -40.12 | -36.08 | 0.97 | 2397 | 3506 | -0.90 |
| WES10D214B1-14 | 208 | 0.0994 | 0.0027 | 0.282253 | 0.000019 | -18.36 | -14.18 | 0.87 | 1477 | 2142 | -0.92 |
| WES10D214B1-04 | 209 | 0.1232 | 0.0031 | 0.282339 | 0.000027 | -15.31 | -11.16 | 1.10 | 1366 | 1953 | -0.91 |
| WES10D214B1-20 | 212 | 0.0386 | 0.0010 | 0.282116 | 0.000016 | -23.20 | -18.69 | 0.78 | 1599 | 2430 | -0.97 |
| WES10D214B1-46 | 212 | 0.0129 | 0.0003 | 0.282300 | 0.000018 | -16.68 | -12.07 | 0.83 | 1318 | 2014 | -0.99 |
| WES10D214B1-06 | 215 | 0.0274 | 0.0007 | 0.282218 | 0.000013 | -19.61 | -15.00 | 0.71 | 1448 | 2200 | -0.98 |
| WES10D214B1-29 | 219 | 0.0341 | 0.0010 | 0.282146 | 0.000016 | -22.14 | -17.49 | 0.78 | 1559 | 2360 | -0.97 |
| WES10D214B1-15 | 223 | 0.0084 | 0.0002 | 0.282205 | 0.000014 | -20.03 | -15.17 | 0.72 | 1444 | 2218 | -0.99 |
| WES10D214B1-56 | 223 | 0.0012 | 0.0000 | 0.282657 | 0.000018 | -4.06 | 0.84 | 0.84 | 821 | 1204 | -1.00 |
| WES10D214B1-30 | 227 | 0.0332 | 0.0008 | 0.282285 | 0.000017 | -17.21 | -12.34 | 0.79 | 1355 | 2042 | -0.98 |
| WES10D214B1-13 | 229 | 0.0163 | 0.0003 | 0.282325 | 0.000016 | -15.80 | -10.83 | 0.77 | 1286 | 1948 | -0.99 |
| WES10D214B1-31 | 233 | 0.0067 | 0.0002 | 0.282247 | 0.000014 | -18.55 | -13.46 | 0.74 | 1386 | 2118 | -1.00 |
| WES10D214B1-48 | 236 | 0.0406 | 0.0009 | 0.282274 | 0.000019 | -17.62 | -12.58 | 0.87 | 1376 | 2064 | -0.97 |
| WES10D214B1-19 | 238 | 0.0331 | 0.0009 | 0.282183 | 0.000016 | -20.82 | -15.75 | 0.78 | 1504 | 2265 | -0.97 |
| WES10D214B1-49 | 256 | 0.0348 | 0.0008 | 0.281523 | 0.000024 | -44.18 | -38.71 | 1.00 | 2405 | 3710 | -0.98 |
| WES10D214B1-24 | 261 | 0.0228 | 0.0006 | 0.282183 | 0.000017 | -20.82 | -15.20 | 0.81 | 1491 | 2247 | -0.98 |
| WES10D214B1-33 | 261 | 0.0318 | 0.0009 | 0.282188 | 0.000015 | -20.67 | -15.10 | 0.76 | 1496 | 2241 | -0.97 |
| WES10D214B1-08 | 267 | 0.0379 | 0.0009 | 0.281596 | 0.000051 | -41.57 | -35.89 | 1.88 | 2314 | 3543 | -0.97 |
| WES10D214B1-50 | 367 | 0.0328 | 0.0008 | 0.282273 | 0.000018 | -17.66 | -9.80 | 0.85 | 1376 | 1987 | -0.97 |
| WES10D214B1-54 | 398 | 0.0030 | 0.0001 | 0.282209 | 0.000017 | -19.90 | -11.17 | 0.81 | 1434 | 2096 | -1.00 |
| WES10D214B1-38 | 576 | 0.0347 | 0.0010 | 0.282195 | 0.000016 | -20.41 | -8.10 | 0.79 | 1490 | 2037 | -0.97 |
| WES10D214B1-53 | 921 | 0.0680 | 0.0017 | 0.282290 | 0.000018 | -17.04 | 2.31 | 0.91 | 1382 | 1644 | -0.95 |
| ***WES10D228B2*** |
| WES10D228B2-35 | 156 | 0.0437 | 0.0014 | 0.282251 | 0.000014 | -18.42 | -15.14 | 0.72 | 1426 | 2165 | -0.96 |
| WES10D228B2-61 | 156 | 0.0250 | 0.0006 | 0.282414 | 0.000012 | -12.67 | -9.31 | 0.67 | 1171 | 1797 | -0.98 |
| WES10D228B2-23 | 158 | 0.0569 | 0.0013 | 0.282393 | 0.000015 | -13.41 | -10.09 | 0.74 | 1225 | 1848 | -0.96 |
| WES10D228B2-36 | 158 | 0.0245 | 0.0006 | 0.282163 | 0.000020 | -21.54 | -18.13 | 0.88 | 1518 | 2356 | -0.98 |
| WES10D228B2-45 | 158 | 0.0248 | 0.0005 | 0.282288 | 0.000014 | -17.13 | -13.72 | 0.71 | 1344 | 2078 | -0.98 |
| WES10D228B2-47 | 158 | 0.0065 | 0.0001 | 0.282400 | 0.000013 | -13.16 | -9.71 | 0.70 | 1177 | 1824 | -1.00 |
| WES10D228B2-41 | 159 | 0.0013 | 0.0000 | 0.282303 | 0.000013 | -16.59 | -13.11 | 0.70 | 1306 | 2040 | -1.00 |
| WES10D228B2-30 | 160 | 0.0651 | 0.0017 | 0.282249 | 0.000013 | -18.50 | -15.17 | 0.70 | 1441 | 2170 | -0.95 |
| WES10D228B2-37 | 160 | 0.0360 | 0.0009 | 0.282237 | 0.000014 | -18.93 | -15.52 | 0.72 | 1428 | 2192 | -0.97 |
| WES10D228B2-46 | 160 | 0.0662 | 0.0016 | 0.282264 | 0.000013 | -17.97 | -14.63 | 0.71 | 1416 | 2136 | -0.95 |
| WES10D228B2-05 | 162 | 0.0288 | 0.0007 | 0.282188 | 0.000022 | -20.65 | -17.18 | 0.93 | 1489 | 2298 | -0.98 |
| WES10D228B2-14 | 163 | 0.0040 | 0.0001 | 0.282273 | 0.000013 | -17.66 | -14.10 | 0.70 | 1349 | 2105 | -1.00 |
| WES10D228B2-60 | 163 | 0.0454 | 0.0011 | 0.282246 | 0.000014 | -18.62 | -15.17 | 0.71 | 1425 | 2172 | -0.97 |
| WES10D228B2-28 | 164 | 0.0358 | 0.0010 | 0.282200 | 0.000014 | -20.25 | -16.76 | 0.71 | 1483 | 2273 | -0.97 |
| WES10D228B2-03 | 165 | 0.0299 | 0.0008 | 0.282272 | 0.000013 | -17.68 | -14.15 | 0.69 | 1376 | 2110 | -0.97 |
| WES10D228B2-02 | 167 | 0.0499 | 0.0013 | 0.282273 | 0.000013 | -17.64 | -14.12 | 0.70 | 1393 | 2109 | -0.96 |
| WES10D228B2-17 | 167 | 0.0561 | 0.0015 | 0.282242 | 0.000014 | -18.74 | -15.25 | 0.72 | 1444 | 2180 | -0.95 |
| WES10D228B2-26 | 167 | 0.0414 | 0.0009 | 0.282549 | 0.000013 | -7.89 | -4.32 | 0.69 | 993 | 1489 | -0.97 |
| WES10D228B2-27 | 168 | 0.0661 | 0.0018 | 0.282255 | 0.000017 | -18.29 | -14.80 | 0.80 | 1435 | 2152 | -0.95 |
| WES10D228B2-12 | 181 | 0.0542 | 0.0013 | 0.282265 | 0.000017 | -17.94 | -14.13 | 0.79 | 1405 | 2120 | -0.96 |
| WES10D228B2-21 | 187 | 0.0293 | 0.0008 | 0.282250 | 0.000016 | -18.45 | -14.45 | 0.76 | 1406 | 2145 | -0.98 |
| WES10D228B2-24 | 189 | 0.0861 | 0.0022 | 0.282251 | 0.000016 | -18.43 | -14.57 | 0.77 | 1460 | 2153 | -0.93 |
| WES10D228B2-07 | 192 | 0.0345 | 0.0008 | 0.282316 | 0.000015 | -16.12 | -12.01 | 0.76 | 1313 | 1995 | -0.98 |
| WES10D228B2-55 | 192 | 0.0105 | 0.0002 | 0.282234 | 0.000012 | -19.03 | -14.85 | 0.68 | 1407 | 2174 | -0.99 |
| WES10D228B2-09 | 199 | 0.0619 | 0.0013 | 0.282184 | 0.000015 | -20.80 | -16.61 | 0.75 | 1520 | 2290 | -0.96 |
| WES10D228B2-10 | 199 | 0.0103 | 0.0002 | 0.282288 | 0.000014 | -17.12 | -12.79 | 0.73 | 1334 | 2050 | -0.99 |
| WES10D228B2-51 | 202 | 0.0924 | 0.0022 | 0.282305 | 0.000012 | -16.51 | -12.37 | 0.69 | 1379 | 2024 | -0.93 |
| WES10D228B2-11 | 208 | 0.1013 | 0.0025 | 0.282263 | 0.000013 | -17.98 | -13.76 | 0.70 | 1451 | 2116 | -0.93 |
| WES10D228B2-62 | 209 | 0.0588 | 0.0015 | 0.282233 | 0.000013 | -19.05 | -14.68 | 0.70 | 1457 | 2175 | -0.95 |
| WES10D228B2-33 | 211 | 0.0745 | 0.0018 | 0.282274 | 0.000015 | -17.60 | -13.22 | 0.75 | 1409 | 2085 | -0.95 |
| WES10D228B2-49 | 211 | 0.0452 | 0.0011 | 0.282296 | 0.000015 | -16.83 | -12.36 | 0.76 | 1353 | 2031 | -0.97 |
| WES10D228B2-19 | 217 | 0.0048 | 0.0001 | 0.282324 | 0.000014 | -15.83 | -11.08 | 0.71 | 1279 | 1955 | -1.00 |
| WES10D228B2-31 | 219 | 0.1008 | 0.0021 | 0.282271 | 0.000014 | -17.73 | -13.24 | 0.73 | 1427 | 2092 | -0.94 |
| WES10D228B2-57 | 219 | 0.0452 | 0.0010 | 0.282393 | 0.000013 | -13.41 | -8.75 | 0.70 | 1213 | 1809 | -0.97 |
| WES10D228B2-13 | 220 | 0.0199 | 0.0005 | 0.282329 | 0.000014 | -15.68 | -10.92 | 0.72 | 1287 | 1947 | -0.98 |
| WES10D228B2-40 | 220 | 0.0578 | 0.0015 | 0.282235 | 0.000014 | -19.00 | -14.39 | 0.72 | 1453 | 2166 | -0.96 |
| WES10D228B2-44 | 220 | 0.0011 | 0.0000 | 0.282417 | 0.000014 | -12.55 | -7.73 | 0.73 | 1150 | 1745 | -1.00 |
| WES10D228B2-43 | 223 | 0.0452 | 0.0010 | 0.282282 | 0.000013 | -17.33 | -12.58 | 0.70 | 1369 | 2054 | -0.97 |
| WES10D228B2-39 | 224 | 0.0043 | 0.0001 | 0.282241 | 0.000012 | -18.76 | -13.86 | 0.69 | 1392 | 2136 | -1.00 |
| WES10D228B2-16 | 225 | 0.0415 | 0.0011 | 0.282251 | 0.000012 | -18.42 | -13.66 | 0.68 | 1417 | 2123 | -0.97 |
| WES10D228B2-22 | 225 | 0.0451 | 0.0011 | 0.282212 | 0.000017 | -19.80 | -15.03 | 0.80 | 1470 | 2210 | -0.97 |
| WES10D228B2-08 | 234 | 0.0639 | 0.0017 | 0.282257 | 0.000017 | -18.23 | -13.35 | 0.81 | 1429 | 2110 | -0.95 |
| WES10D228B2-50 | 240 | 0.0086 | 0.0002 | 0.282347 | 0.000010 | -15.04 | -9.80 | 0.63 | 1251 | 1892 | -0.99 |
| WES10D228B2-52 | 241 | 0.0237 | 0.0006 | 0.282225 | 0.000018 | -19.35 | -14.15 | 0.82 | 1432 | 2166 | -0.98 |
| WES10D228B2-56 | 246 | 0.1317 | 0.0032 | 0.282330 | 0.000017 | -15.63 | -10.75 | 0.81 | 1381 | 1955 | -0.90 |
| WES10D228B2-58 | 254 | 0.0388 | 0.0010 | 0.282260 | 0.000011 | -18.10 | -12.70 | 0.67 | 1399 | 2084 | -0.97 |
| WES10D228B2-29 | 255 | 0.0125 | 0.0003 | 0.282206 | 0.000016 | -20.01 | -14.46 | 0.78 | 1447 | 2197 | -0.99 |
| WES10D228B2-01 | 260 | 0.0128 | 0.0003 | 0.282304 | 0.000014 | -16.55 | -10.90 | 0.73 | 1314 | 1976 | -0.99 |
| WES10D228B2-34 | 267 | 0.0017 | 0.0000 | 0.282782 | 0.000012 | 0.35 | 6.21 | 0.69 | 650 | 894 | -1.00 |
| WES10D228B2-15 | 281 | 0.1922 | 0.0038 | 0.282209 | 0.000023 | -19.92 | -14.47 | 1.00 | 1590 | 2215 | -0.88 |
| WES10D228B2-06 | 294 | 0.0347 | 0.0009 | 0.282345 | 0.000015 | -15.10 | -8.81 | 0.75 | 1276 | 1869 | -0.97 |
| WES10D228B2-04 | 326 | 0.0107 | 0.0003 | 0.282103 | 0.000015 | -23.66 | -16.56 | 0.75 | 1587 | 2381 | -0.99 |
| WES10D228B2-38 | 380 | 0.0113 | 0.0003 | 0.281597 | 0.000016 | -41.54 | -33.28 | 0.78 | 2272 | 3464 | -0.99 |
| WES10D228B2-18 | 468 | 0.0320 | 0.0009 | 0.282266 | 0.000013 | -17.90 | -7.88 | 0.72 | 1387 | 1942 | -0.97 |
| WES10D228B2-54 | 484 | 0.0928 | 0.0023 | 0.282215 | 0.000017 | -19.70 | -9.78 | 0.82 | 1512 | 2073 | -0.93 |
| WES10D228B2-59 | 487 | 0.0546 | 0.0013 | 0.282197 | 0.000017 | -20.34 | -10.06 | 0.83 | 1501 | 2093 | -0.96 |
| WES10D228B2-32 | 496 | 0.0286 | 0.0008 | 0.282226 | 0.000012 | -19.31 | -8.66 | 0.70 | 1439 | 2012 | -0.98 |
| WES10D228B2-42 | 563 | 0.0758 | 0.0018 | 0.282286 | 0.000015 | -17.19 | -5.48 | 0.78 | 1394 | 1862 | -0.94 |
| WES10D228B2-20 | 572 | 0.0335 | 0.0009 | 0.282254 | 0.000017 | -18.31 | -6.06 | 0.82 | 1405 | 1905 | -0.97 |
| WES10D228B2-48 | 579 | 0.0675 | 0.0015 | 0.282301 | 0.000015 | -16.64 | -4.45 | 0.78 | 1359 | 1809 | -0.96 |
| WES10D228B2-53 | 832 | 0.0028 | 0.0001 | 0.282204 | 0.000013 | -20.09 | -1.75 | 0.73 | 1442 | 1832 | -1.00 |
| ***TS12D008B2*** |
| TS12D008B2.14 | 141 | 0.0587 | 0.0013 | 0.281980 | 0.000018 | -28.01 | -25.05 | 0.83 | 1803 | 2776 | -0.96 |
| TS12D008B2.29 | 142 | 0.0521 | 0.0016 | 0.282094 | 0.000029 | -23.97 | -21.01 | 1.16 | 1656 | 2524 | -0.95 |
| TS12D008B2.4 | 149 | 0.0508 | 0.0010 | 0.281929 | 0.000020 | -29.81 | -26.64 | 0.89 | 1859 | 2882 | -0.97 |
| TS12D008B2.2 | 151 | 0.0388 | 0.0008 | 0.281973 | 0.000020 | -28.25 | -25.03 | 0.87 | 1790 | 2783 | -0.98 |
| TS12D008B2.23 | 154 | 0.0355 | 0.0010 | 0.282020 | 0.000073 | -26.59 | -23.32 | 2.64 | 1734 | 2678 | -0.97 |
| TS12D008B2.24 | 154 | 0.0587 | 0.0013 | 0.282086 | 0.000059 | -24.27 | -21.03 | 2.17 | 1656 | 2534 | -0.96 |
| TS12D008B2.20 | 159 | 0.0494 | 0.0011 | 0.282037 | 0.000031 | -25.98 | -22.61 | 1.20 | 1712 | 2637 | -0.97 |
| TS12D008B2.8 | 160 | 0.0377 | 0.0009 | 0.281913 | 0.000026 | -30.37 | -26.96 | 1.06 | 1874 | 2910 | -0.97 |
| TS12D008B2.22 | 161 | 0.0427 | 0.0013 | 0.281944 | 0.000062 | -29.27 | -25.89 | 2.25 | 1853 | 2843 | -0.96 |
| TS12D008B2.28 | 161 | 0.0448 | 0.0011 | 0.281962 | 0.000021 | -28.64 | -25.23 | 0.90 | 1819 | 2803 | -0.97 |
| TS12D008B2.7 | 162 | 0.0164 | 0.0004 | 0.282009 | 0.000019 | -26.97 | -23.46 | 0.84 | 1718 | 2693 | -0.99 |
| TS12D008B2.19 | 165 | 0.0273 | 0.0008 | 0.281948 | 0.000023 | -29.15 | -25.62 | 0.95 | 1822 | 2830 | -0.98 |
| TS12D008B2.1 | 167 | 0.0432 | 0.0008 | 0.282011 | 0.000016 | -26.92 | -23.36 | 0.77 | 1738 | 2690 | -0.97 |
| TS12D008B2.6 | 169 | 0.0381 | 0.0008 | 0.281840 | 0.000025 | -32.94 | -29.33 | 1.02 | 1970 | 3065 | -0.98 |
| TS12D008B2.11 | 180 | 0.0220 | 0.0005 | 0.281965 | 0.000021 | -28.54 | -24.66 | 0.90 | 1786 | 2781 | -0.98 |
| ***TS12D017B1*** |
| TS12D017B1.7 | 143 | 0.0456 | 0.0010 | 0.281992 | 0.000015 | -27.58 | -24.54 | 0.76 | 1770 | 2746 | -0.97 |
| TS12D017B1.20 | 152 | 0.0658 | 0.0015 | 0.281960 | 0.000027 | -28.72 | -25.55 | 1.09 | 1841 | 2815 | -0.95 |
| TS12D017B1.4 | 154 | 0.0284 | 0.0007 | 0.282025 | 0.000018 | -26.41 | -23.11 | 0.83 | 1711 | 2665 | -0.98 |
| TS12D017B1.26 | 155 | 0.0572 | 0.0014 | 0.281963 | 0.000045 | -28.62 | -25.37 | 1.69 | 1830 | 2806 | -0.96 |
| TS12D017B1.16 | 156 | 0.0553 | 0.0013 | 0.281956 | 0.000018 | -28.85 | -25.57 | 0.84 | 1838 | 2820 | -0.96 |
| TS12D017B1.8 | 156 | 0.0247 | 0.0006 | 0.282086 | 0.000018 | -24.26 | -20.91 | 0.82 | 1625 | 2529 | -0.98 |
| TS12D017B1.24 | 157 | 0.0608 | 0.0014 | 0.282092 | 0.000039 | -24.06 | -20.77 | 1.48 | 1652 | 2520 | -0.96 |
| TS12D017B1.10 | 159 | 0.0581 | 0.0014 | 0.282027 | 0.000018 | -26.33 | -22.99 | 0.82 | 1739 | 2661 | -0.96 |
| TS12D017B1.12 | 160 | 0.0337 | 0.0008 | 0.282069 | 0.000020 | -24.86 | -21.44 | 0.88 | 1658 | 2565 | -0.98 |
| TS12D017B1.19 | 161 | 0.0454 | 0.0010 | 0.281906 | 0.000028 | -30.63 | -27.22 | 1.11 | 1894 | 2927 | -0.97 |
| TS12D017B1.23 | 161 | 0.0288 | 0.0006 | 0.281943 | 0.000021 | -29.33 | -25.87 | 0.91 | 1822 | 2843 | -0.98 |
| TS12D017B1.29 | 161 | 0.0456 | 0.0010 | 0.282007 | 0.000045 | -27.07 | -23.65 | 1.66 | 1753 | 2704 | -0.97 |
| TS12D017B1.6 | 161 | 0.0507 | 0.0010 | 0.282004 | 0.000017 | -27.17 | -23.75 | 0.79 | 1757 | 2710 | -0.97 |
| TS12D017B1.9 | 162 | 0.0137 | 0.0004 | 0.282023 | 0.000021 | -26.48 | -22.97 | 0.92 | 1700 | 2662 | -0.99 |
| TS12D017B1.11 | 183 | 0.0315 | 0.0007 | 0.281966 | 0.000014 | -28.50 | -24.57 | 0.72 | 1794 | 2778 | -0.98 |
| TS12D017B1.5 | 2490 | 0.0282 | 0.0008 | 0.281389 | 0.000020 | -48.90 | 5.69 | 0.99 | 2586 | 2644 | -0.98 |
| ***LS13D003B1*** |
| LS13D003B1.1 | 152 | 0.0217 | 0.0006 | 0.281946 | 0.000028 | -29.20 | -25.94 | 1.11 | 1818 | 2841 | -0.98 |
| LS13D003B1.16 | 152 | 0.0322 | 0.0008 | 0.281951 | 0.000019 | -29.04 | -25.79 | 0.86 | 1818 | 2831 | -0.98 |
| LS13D003B1.11 | 154 | 0.0338 | 0.0011 | 0.281922 | 0.000021 | -30.04 | -26.78 | 0.91 | 1871 | 2894 | -0.97 |
| LS13D003B1.4 | 155 | 0.0254 | 0.0006 | 0.281988 | 0.000027 | -27.72 | -24.39 | 1.09 | 1760 | 2746 | -0.98 |
| LS13D003B1.7 | 155 | 0.0177 | 0.0005 | 0.281975 | 0.000024 | -28.17 | -24.83 | 1.01 | 1771 | 2773 | -0.99 |
| LS13D003B1.28 | 156 | 0.0448 | 0.0009 | 0.281949 | 0.000020 | -29.11 | -25.79 | 0.89 | 1829 | 2834 | -0.97 |
| LS13D003B1.13 | 157 | 0.0256 | 0.0007 | 0.281939 | 0.000022 | -29.45 | -26.08 | 0.92 | 1831 | 2853 | -0.98 |
| LS13D003B1.22 | 158 | 0.0442 | 0.0009 | 0.281961 | 0.000023 | -28.68 | -25.31 | 0.96 | 1810 | 2806 | -0.97 |
| LS13D003B1.10 | 160 | 0.0422 | 0.0012 | 0.281987 | 0.000022 | -27.74 | -24.37 | 0.93 | 1787 | 2747 | -0.96 |
| LS13D003B1.3 | 160 | 0.0194 | 0.0006 | 0.281922 | 0.000030 | -30.06 | -26.62 | 1.18 | 1849 | 2889 | -0.98 |
| LS13D003B1.9 | 161 | 0.0163 | 0.0005 | 0.281928 | 0.000020 | -29.84 | -26.37 | 0.88 | 1834 | 2874 | -0.99 |
| LS13D003B1.14 | 162 | 0.0147 | 0.0004 | 0.281981 | 0.000020 | -27.98 | -24.48 | 0.89 | 1760 | 2757 | -0.99 |
| LS13D003B1.30 | 162 | 0.0346 | 0.0007 | 0.281994 | 0.000029 | -27.51 | -24.03 | 1.16 | 1754 | 2729 | -0.98 |
| LS13D003B1.8 | 162 | 0.0376 | 0.0009 | 0.281985 | 0.000021 | -27.83 | -24.38 | 0.90 | 1779 | 2750 | -0.97 |
| LS13D003B1.29 | 163 | 0.0147 | 0.0003 | 0.281988 | 0.000024 | -27.74 | -24.21 | 1.00 | 1746 | 2741 | -0.99 |
| LS13D003B1.21 | 164 | 0.0261 | 0.0006 | 0.281914 | 0.000019 | -30.36 | -26.83 | 0.85 | 1860 | 2905 | -0.98 |
| LS13D003B1.27 | 164 | 0.0316 | 0.0006 | 0.281896 | 0.000019 | -30.96 | -27.44 | 0.85 | 1887 | 2943 | -0.98 |
| ***LS13D042B3*** |
| LS13D042B3.16 | 145 | 0.0136 | 0.0003 | 0.281943 | 0.000017 | -29.30 | -26.16 | 0.79 | 1807 | 2850 | -0.99 |
| LS13D042B3.25 | 149 | 0.0098 | 0.0002 | 0.281932 | 0.000020 | -29.72 | -26.48 | 0.87 | 1819 | 2873 | -0.99 |
| LS13D042B3.13 | 152 | 0.0157 | 0.0004 | 0.281992 | 0.000020 | -27.58 | -24.29 | 0.89 | 1744 | 2738 | -0.99 |
| LS13D042B3.9 | 152 | 0.0080 | 0.0002 | 0.281935 | 0.000018 | -29.59 | -26.28 | 0.82 | 1812 | 2863 | -0.99 |
| LS13D042B3.34 | 153 | 0.0491 | 0.0012 | 0.281948 | 0.000016 | -29.13 | -25.90 | 0.76 | 1841 | 2838 | -0.96 |
| LS13D042B3.12 | 154 | 0.0273 | 0.0007 | 0.281967 | 0.000027 | -28.47 | -25.17 | 1.09 | 1792 | 2794 | -0.98 |
| LS13D042B3.17 | 155 | 0.0446 | 0.0009 | 0.281956 | 0.000015 | -28.86 | -25.56 | 0.75 | 1817 | 2819 | -0.97 |
| LS13D042B3.2 | 158 | 0.0227 | 0.0005 | 0.281971 | 0.000019 | -28.31 | -24.90 | 0.86 | 1777 | 2780 | -0.98 |
| LS13D042B3.28 | 158 | 0.0196 | 0.0004 | 0.281934 | 0.000018 | -29.64 | -26.22 | 0.81 | 1825 | 2863 | -0.99 |
| LS13D042B3.4 | 158 | 0.0069 | 0.0001 | 0.281964 | 0.000018 | -28.56 | -25.11 | 0.83 | 1770 | 2794 | -1.00 |
| LS13D042B3.27 | 159 | 0.0145 | 0.0003 | 0.282043 | 0.000021 | -25.77 | -22.32 | 0.90 | 1672 | 2620 | -0.99 |
| LS13D042B3.10 | 160 | 0.0528 | 0.0011 | 0.281982 | 0.000020 | -27.93 | -24.54 | 0.88 | 1792 | 2759 | -0.97 |
| LS13D042B3.1 | 163 | 0.0121 | 0.0003 | 0.281958 | 0.000019 | -28.78 | -25.24 | 0.84 | 1785 | 2805 | -0.99 |
| LS13D042B3.35 | 164 | 0.0099 | 0.0003 | 0.281912 | 0.000018 | -30.43 | -26.87 | 0.81 | 1848 | 2908 | -0.99 |
| LS13D042B3.20 | 165 | 0.0254 | 0.0006 | 0.281967 | 0.000021 | -28.46 | -24.91 | 0.91 | 1786 | 2786 | -0.98 |
| LS13D042B3.6 | 165 | 0.0206 | 0.0005 | 0.281948 | 0.000017 | -29.15 | -25.58 | 0.80 | 1808 | 2828 | -0.99 |
| LS13D042B3.26 | 168 | 0.0444 | 0.0009 | 0.281950 | 0.000022 | -29.07 | -25.49 | 0.95 | 1825 | 2824 | -0.97 |
| LS13D042B3.15 | 178 | 0.0397 | 0.0008 | 0.282005 | 0.000017 | -27.13 | -23.33 | 0.81 | 1747 | 2696 | -0.97 |
| LS13D042B3.24 | 188 | 0.0231 | 0.0005 | 0.281935 | 0.000020 | -29.59 | -25.53 | 0.88 | 1828 | 2842 | -0.98 |
| LS13D042B3.23 | 214 | 0.0102 | 0.0002 | 0.281985 | 0.000021 | -27.84 | -23.18 | 0.91 | 1746 | 2714 | -0.99 |
| LS13D042B3.3 | 2500 | 0.0322 | 0.0007 | 0.281362 | 0.000018 | -49.85 | 5.06 | 0.95 | 2618 | 2691 | -0.98 |