附表1 小坑高岭土矿锆石LA-ICPMS U-Pb定年分析结果

Table 1 Zircon LA-ICPMS U-Pb data of ore from the Xiaokeng kaolin deposit

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Spot no. | Th(×10-6) | U(×10-6) | Th/U | U-TH-Pb同位素比值 | 同位素年龄 (Ma) |
| 207Pb/207Pb | 1σ | 207Pb/235U | 1σ | 206Pb/238U | 1σ | 208Pb/232Th | 1σ | 207Pb/206Pb | 1σ | 207Pb/235U | 1σ | 206Pb/238U | 1σ |
| XGL-1-01 | 170  | 1714  | 0.10 | 0.0732  | 0.0033  | 1.7363  | 0.0792  | 0.1712  | 0.0025  | 0.0555  | 0.0025  | 1018 | 90 | 1022 | 29 | 1019 | 14 |
| XGL-1-02 | 682  | 1638  | 0.42 | 0.0556  | 0.0028  | 0.5653  | 0.0241  | 0.0725  | 0.0010  | 0.0248  | 0.0008  | 439 | 113 | 455 | 16 | 451 | 6 |
| XGL-1-03 | 354  | 771  | 0.46 | 0.0510  | 0.0032  | 0.2581  | 0.0150  | 0.0365  | 0.0005  | 0.0121  | 0.0004  | 243 | 144 | 233 | 12 | 231 | 3 |
| XGL-1-04 | 312  | 840  | 0.37 | 0.0562  | 0.0024  | 0.5634  | 0.0237  | 0.0726  | 0.0010  | 0.0231  | 0.0007  | 457 | 93 | 454 | 15 | 452 | 6 |
| XGL-1-05 | 261  | 721  | 0.36 | 0.0506  | 0.0030  | 0.2554  | 0.0136  | 0.0365  | 0.0005  | 0.0117  | 0.0004  | 233 | 137 | 231 | 11 | 231 | 3 |
| XGL-1-06 | 475  | 1226  | 0.39 | 0.0721  | 0.0024  | 1.6525  | 0.0570  | 0.1645  | 0.0021  | 0.0495  | 0.0012  | 987 | 69 | 991 | 22 | 982 | 12 |
| XGL-1-08 | 447  | 1671  | 0.27 | 0.0517  | 0.0031  | 0.2770  | 0.0148  | 0.0390  | 0.0006  | 0.0136  | 0.0006  | 276 | 168 | 248 | 12 | 247 | 4 |
| XGL-1-09 | 423  | 705  | 0.60 | 0.0544  | 0.0045  | 0.2787  | 0.0198  | 0.0395  | 0.0017  | 0.0112  | 0.0005  | 387 | 187 | 250 | 16 | 250 | 11 |
| XGL-1-10 | 2192  | 4725  | 0.46 | 0.0566  | 0.0021  | 0.2875  | 0.0104  | 0.0367  | 0.0005  | 0.0129  | 0.0003  | 476 | 81 | 257 | 8 | 232 | 3 |
| XGL-1-11 | 1300  | 2623  | 0.50 | 0.0501  | 0.0017  | 0.2509  | 0.0083  | 0.0362  | 0.0004  | 0.0117  | 0.0003  | 211 | 78 | 227 | 7 | 229 | 2 |
| XGL-1-12 | 304  | 1113  | 0.27 | 0.0468  | 0.0039  | 0.2558  | 0.0372  | 0.0363  | 0.0020  | 0.0120  | 0.0007  | 39 | 189 | 231 | 30 | 230 | 2 |
| XGL-1-14 | 263  | 947  | 0.28 | 0.0611  | 0.0038  | 0.6075  | 0.0371  | 0.0732  | 0.0018  | 0.0276  | 0.0010  | 643 | 136 | 482 | 23 | 455 | 11 |
| XGL-1-15 | 364  | 939  | 0.39 | 0.0563  | 0.0048  | 0.5660  | 0.0468  | 0.0731  | 0.0015  | 0.0237  | 0.0010  | 461 | 191 | 455 | 30 | 455 | 9 |
| XGL-1-16 | 1143  | 1605  | 0.71 | 0.0503  | 0.0060  | 0.2620  | 0.0335  | 0.0371  | 0.0009  | 0.0117  | 0.0008  | 209 | 256 | 236 | 27 | 235 | 5 |
| XGL-1-17 | 913  | 2092  | 0.44 | 0.0542  | 0.0022  | 0.5467  | 0.0214  | 0.0732  | 0.0010  | 0.0243  | 0.0007  | 389 | 95 | 443 | 14 | 455 | 6 |
| XGL-1-18 | 219  | 527  | 0.42 | 0.0512  | 0.0052  | 0.2565  | 0.0246  | 0.0370  | 0.0007  | 0.0134  | 0.0007  | 256 | 222 | 232 | 20 | 234 | 5 |
| XGL-2-01 | 530  | 917  | 0.58 | 0.0512  | 0.0028  | 0.2552  | 0.0136  | 0.0361  | 0.0005  | 0.0107  | 0.0003  | 256 | 124 | 231 | 11 | 229 | 3 |
| XGL-2-02 | 1507  | 10016  | 0.15 | 0.0533  | 0.0020  | 0.2736  | 0.0078  | 0.0366  | 0.0015  | 0.0155  | 0.0007  | 343 | 85 | 246 | 6 | 232 | 9 |
| XGL-2-03 | 214  | 941  | 0.23 | 0.0501  | 0.0034  | 0.2536  | 0.0166  | 0.0369  | 0.0006  | 0.0117  | 0.0007  | 211 | 159 | 229 | 13 | 233 | 4 |
| XGL-2-04 | 433  | 583  | 0.74 | 0.0512  | 0.0036  | 0.2595  | 0.0166  | 0.0373  | 0.0006  | 0.0109  | 0.0004  | 256 | 165 | 234 | 13 | 236 | 4 |
| XGL-2-05 | 1690  | 1479  | 1.14 | 0.0515  | 0.0037  | 0.2588  | 0.0174  | 0.0367  | 0.0006  | 0.0110  | 0.0003  | 265 | 160 | 234 | 14 | 232 | 4 |
| XGL-2-06 | 627  | 1564  | 0.40 | 0.0561  | 0.0025  | 0.5702  | 0.0252  | 0.0733  | 0.0010  | 0.0222  | 0.0007  | 457 | 94 | 458 | 16 | 456 | 6 |
| XGL-2-08 | 500  | 1963  | 0.25 | 0.0531  | 0.0025  | 0.2657  | 0.0129  | 0.0361  | 0.0005  | 0.0130  | 0.0005  | 332 | 107 | 239 | 10 | 228 | 3 |
| XGL-2-09 | 192  | 5372  | 0.04 | 0.0513  | 0.0017  | 0.2568  | 0.0083  | 0.0359  | 0.0003  | 0.0110  | 0.0005  | 254 | 69 | 232 | 7 | 228 | 2 |
| XGL-2-12 | 93.9  | 1242  | 0.08 | 0.0567  | 0.0032  | 0.5687  | 0.0399  | 0.0737  | 0.0031  | 0.0215  | 0.0032  | 480 | 124 | 457 | 26 | 459 | 19 |
| XGL-2-13 | 512  | 738  | 0.69 | 0.0513  | 0.0033  | 0.2526  | 0.0155  | 0.0364  | 0.0006  | 0.0112  | 0.0004  | 254 | 152 | 229 | 13 | 230 | 4 |
| XGL-2-14 | 312  | 975  | 0.32 | 0.0560  | 0.0033  | 0.5682  | 0.0334  | 0.0735  | 0.0010  | 0.0226  | 0.0009  | 454 | 136 | 457 | 22 | 457 | 6 |
| XGL-2-15 | 416  | 635  | 0.66 | 0.0501  | 0.0069  | 0.2528  | 0.0331  | 0.0363  | 0.0011  | 0.0109  | 0.0010  | 198 | 302 | 229 | 27 | 230 | 7 |
| XGL-2-16 | 1327  | 3246  | 0.41 | 0.0507  | 0.0018  | 0.2578  | 0.0094  | 0.0367  | 0.0004  | 0.0115  | 0.0003  | 228 | 83 | 233 | 8 | 233 | 2 |
| XGL-2-17 | 3842  | 6230  | 0.62 | 0.0506  | 0.0016  | 0.2541  | 0.0077  | 0.0364  | 0.0004  | 0.0109  | 0.0003  | 233 | 72 | 230 | 6 | 230 | 3 |
| XGL-2-18 | 1629  | 1684  | 0.97 | 0.0507  | 0.0027  | 0.2539  | 0.0134  | 0.0362  | 0.0004  | 0.0124  | 0.0003  | 228 | 120 | 230 | 11 | 229 | 3 |

附表2 小坑高岭土矿独居石LA-ICPMS U-Pb定年分析结果

Table 2 Monazite LA-ICPMS U-Pb data of ore from the Xiaokeng kaolin deposit

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Spot no. | Th(×10-6) | U(×10-6) | Th/U | U-TH-Pb同位素比值 | 同位素年龄 (Ma) |
| 207Pb/207Pb | 1σ | 207Pb/235U | 1σ | 206Pb/238U | 1σ | 208Pb/232Th | 1σ | 207Pb/206Pb | 1σ | 207Pb/235U | 1σ | 206Pb/238U | 1σ |
| XGL-2(Mz)-01 | 50204  | 5600  | 9.0 | 0.0506  | 0.0015  | 0.2545  | 0.0074  | 0.0364  | 0.0003  | 0.0113  | 0.0001  | 233 | 73 | 230 | 6 | 231 | 2 |
| XGL-2(Mz)-02 | 73116  | 3200  | 22.8 | 0.0502  | 0.0022  | 0.2529  | 0.0089  | 0.0365  | 0.0004  | 0.0116  | 0.0001  | 211 | 104 | 229 | 7 | 231 | 3 |
| XGL-2(Mz)-03 | 78408  | 4479  | 17.5 | 0.0505  | 0.0016  | 0.2516  | 0.0082  | 0.0360  | 0.0003  | 0.0115  | 0.0001  | 217 | 79 | 228 | 7 | 228 | 2 |
| XGL-2(Mz)-04 | 48623  | 3159  | 15.4 | 0.0506  | 0.0018  | 0.2524  | 0.0090  | 0.0362  | 0.0003  | 0.0116  | 0.0001  | 220 | 53 | 229 | 7 | 229 | 2 |
| XGL-2(Mz)-05 | 48990  | 5514  | 8.9 | 0.0508  | 0.0017  | 0.2540  | 0.0081  | 0.0365  | 0.0005  | 0.0116  | 0.0001  | 232 | 80 | 230 | 7 | 231 | 3 |
| XGL-2(Mz)-06 | 45099  | 4368  | 10.3 | 0.0558  | 0.0017  | 0.5561  | 0.0169  | 0.0723  | 0.0007  | 0.0225  | 0.0001  | 443 | 69 | 449 | 11 | 450 | 4 |
| XGL-2(Mz)-07 | 73034  | 1906  | 38.3 | 0.0524  | 0.0028  | 0.2611  | 0.0129  | 0.0365  | 0.0005  | 0.0114  | 0.0001  | 302 | 120 | 236 | 10 | 231 | 3 |
| XGL-2(Mz)-08 | 55789  | 5816  | 9.6 | 0.0506  | 0.0015  | 0.2509  | 0.0073  | 0.0359  | 0.0003  | 0.0116  | 0.0001  | 220 | 69 | 227 | 6 | 227 | 2 |
| XGL-2(Mz)-09 | 73499  | 2949  | 24.9 | 0.0513  | 0.0023  | 0.2516  | 0.0107  | 0.0357  | 0.0004  | 0.0113  | 0.0001  | 254 | 102 | 228 | 9 | 226 | 3 |
| XGL-2(Mz)-10 | 76033  | 6031  | 12.6 | 0.0502  | 0.0015  | 0.2487  | 0.0074  | 0.0359  | 0.0003  | 0.0116  | 0.0001  | 211 | 70 | 226 | 6 | 227 | 2 |
| XGL-2(Mz)-11 | 34841  | 3197  | 10.9 | 0.0558  | 0.0017  | 0.5529  | 0.0162  | 0.0717  | 0.0006  | 0.0224  | 0.0002  | 456 | 67 | 447 | 11 | 446 | 4 |
| XGL-2(Mz)-12 | 81685  | 5591  | 14.6 | 0.0510  | 0.0015  | 0.2562  | 0.0073  | 0.0364  | 0.0003  | 0.0114  | 0.0001  | 243 | 69 | 232 | 6 | 231 | 2 |
| XGL-2(Mz)-13 | 84862  | 4755  | 17.8 | 0.0512  | 0.0014  | 0.2579  | 0.0069  | 0.0366  | 0.0003  | 0.0113  | 0.0001  | 250 | 68 | 233 | 6 | 232 | 2 |
| XGL-2(Mz)-14 | 80374  | 4933  | 16.3 | 0.0508  | 0.0015  | 0.2539  | 0.0073  | 0.0363  | 0.0003  | 0.0113  | 0.0001  | 232 | 67 | 230 | 6 | 230 | 2 |
| XGL-2(Mz)-15 | 76598  | 3014  | 25.4 | 0.0508  | 0.0018  | 0.2523  | 0.0084  | 0.0363  | 0.0004  | 0.0112  | 0.0001  | 232 | 88 | 228 | 7 | 230 | 2 |
| XGL-2(Mz)-16 | 66159  | 1830  | 36.2 | 0.0509  | 0.0023  | 0.2531  | 0.0109  | 0.0363  | 0.0004  | 0.0113  | 0.0001  | 235 | 108 | 229 | 9 | 230 | 2 |
| XGL-2(Mz)-17 | 74623  | 4767  | 15.7 | 0.0490  | 0.0014  | 0.2486  | 0.0073  | 0.0367  | 0.0003  | 0.0115  | 0.0001  | 150 | 69 | 225 | 6 | 232 | 2 |
| XGL-2(Mz)-18 | 51905  | 1653  | 31.4 | 0.0581  | 0.0052  | 0.5552  | 0.0310  | 0.0721  | 0.0009  | 0.0225  | 0.0002  | 532 | 196 | 448 | 20 | 449 | 5 |

附表3 小坑高岭土矿独居石LA-ICPMS微量元素分析结果(×10-6)

Table 3 LA-ICPMS trace elements (×10-6) of monazite from the Xiaokeng kaolin deposit

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Spot no. | Ti | Y | Nb | La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho | Er | Tm | Yb | Lu | Hf | Ta |
| XGL-2-01 | 1.0939  | 10237  | 0.04 | 121168  | 229218  | 25500  | 94834  | 17333  | 345  | 13066  | 1474  | 4685  | 372  | 334  | 14.7  | 38.0  | 2.40  | 0.77  | 0.06 |
| XGL-2-02 | 0.0000  | 14671  | 0.12 | 115428  | 226979  | 25008  | 89916  | 15091  | 292  | 9445  | 1072  | 4361  | 602  | 1065  | 88.2  | 335  | 29.4  | 0.46  | 0.12 |
| XGL-2-03 | 0.0000  | 16718  | 0.00 | 107899  | 220179  | 24926  | 90587  | 15797  | 298  | 10106  | 1184  | 4923  | 671  | 1222  | 104  | 412  | 35.3  | 0.35  | 0.16 |
| XGL-2-04 | 1.05  | 9822  | 0.00 | 125216  | 243503  | 26754  | 97574  | 13662  | 465  | 7349  | 771  | 3044  | 403  | 731  | 63.8  | 250  | 21.4  | 0.51  | 0.04 |
| XGL-2-05 | 1.44  | 19189  | 0.00 | 116415  | 218535  | 24522  | 91994  | 17416  | 329  | 14292  | 1659  | 6185  | 764  | 1233  | 95.4  | 340  | 32.0  | 1.33  | 0.34 |
| XGL-2-06 |  | 8072  | 0.02 | 136313  | 241262  | 25484  | 89329  | 13302  | 289  | 7316  | 719  | 2585  | 320  | 519  | 39.5  | 153  | 12.6  | 0.48  | 0.07 |
| XGL-2-07 | 1.40  | 8121  | 0.05 | 119588  | 229551  | 25735  | 92802  | 14662  | 141  | 8262  | 788  | 2662  | 335  | 526  | 40.0  | 153  | 12.8  | 0.30  | 0.12 |
| XGL-2-08 | 1.2519  | 22527  | 0.05 | 115766  | 218354  | 24182  | 88260  | 14751  | 366  | 10303  | 1328  | 5951  | 917  | 1786  | 154  | 640  | 58.8  | 0.82  | 0.25 |
| XGL-2-09 | 1.03  | 14487  | 0.00 | 118420  | 226795  | 25498  | 91486  | 14983  | 238  | 9432  | 1072  | 4358  | 604  | 1059  | 87.7  | 321  | 27.2  | 0.92  | 0.15 |
| XGL-2-10 | 1.1047  | 17085  | 0.08 | 108784  | 219357  | 24834  | 89721  | 16511  | 195  | 10528  | 1279  | 5230  | 707  | 1232  | 106  | 445  | 37.4  | 0.18  | 0.11 |
| XGL-2-11 |  | 6817  |  | 146575  | 246451  | 25279  | 86328  | 11983  | 379  | 6557  | 635  | 2255  | 278  | 448  | 33.7  | 116  | 9.37  | 0.67  | 0.06 |
| XGL-2-12 | 0.0000  | 19170  | 0.08 | 104921  | 214301  | 24131  | 88280  | 16833  | 194  | 11087  | 1350  | 5612  | 783  | 1391  | 117  | 477  | 40.4  | 0.89  | 0.21 |
| XGL-2-13 | 0.0000  | 19611  | 0.08 | 102883  | 211286  | 23988  | 86470  | 17609  | 521  | 11951  | 1499  | 6153  | 802  | 1331  | 107  | 371  | 30.0  | 1.07  | 0.18 |
| XGL-2-14 |  | 17564  | 0.04 | 109815  | 220084  | 24451  | 88778  | 15851  | 311  | 10282  | 1241  | 5129  | 727  | 1311  | 110  | 434  | 39.6  | 0.83  | 0.09 |
| XGL-2-15 | 0.98  | 11451  | 0.07 | 119737  | 235811  | 25434  | 88824  | 13663  | 187  | 7877  | 830  | 3394  | 492  | 913  | 77.4  | 299  | 27.9  | 0.64  | 0.03 |
| XGL-2-16 | 0.0000  | 14920  | 0.04 | 118125  | 228751  | 25274  | 91869  | 14366  | 546  | 8722  | 992  | 4292  | 623  | 1156  | 96.3  | 374  | 34.3  | 0.55  | 0.06 |
| XGL-2-17 | 0.0000  | 17242  | 0.05 | 108950  | 221079  | 24771  | 88412  | 15490  | 186  | 9895  | 1192  | 5099  | 719  | 1287  | 107  | 437  | 39.2  | 0.68  | 0.16 |
| XGL-2-18 | 　 | 5379  | 　 | 141857  | 241195  | 24763  | 87103  | 12725  | 259  | 7091  | 621  | 1995  | 230  | 332  | 22.7  | 77.8  | 5.63  | 0.25  | 0.04 |

(continued)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Spot no. | Pb(common) | Pb(total) | Th | U | ΣREE | Eu/Eu\* | (Gd/Lu)N |
| XGL-2-01 |  | 709  | 50204  | 5600  | 508384  | 0.07  | 673.77  |
| XGL-2-02 |  | 871  | 73116  | 3200  | 489713  | 0.07  | 39.76  |
| XGL-2-03 | 2.38  | 966  | 78408  | 4479  | 478346  | 0.07  | 35.37  |
| XGL-2-04 | 0.87  | 613  | 48623  | 3159  | 519806  | 0.13  | 42.43  |
| XGL-2-05 | 9.51  | 697  | 48990  | 5514  | 493811  | 0.06  | 55.16  |
| XGL-2-06 |  | 1202  | 45099  | 4368  | 517643  | 0.08  | 72.04  |
| XGL-2-07 | 3.49  | 808  | 73034  | 1906  | 495258  | 0.04  | 80.09  |
| XGL-2-08 | 0.00  | 775  | 55789  | 5816  | 482817  | 0.09  | 21.65  |
| XGL-2-09 | 1.02  | 839  | 73499  | 2949  | 494381  | 0.06  | 42.82  |
| XGL-2-10 |  | 993  | 76033  | 6031  | 478966  | 0.04  | 34.82  |
| XGL-2-11 | 3.51  | 915  | 34841  | 3197  | 527327  | 0.12  | 86.47  |
| XGL-2-12 | 3.22  | 1024  | 81685  | 5591  | 469518  | 0.04  | 33.90  |
| XGL-2-13 | 5.13  | 1025  | 84862  | 4755  | 465001  | 0.10  | 49.21  |
| XGL-2-14 | 7.08  | 979  | 80374  | 4933  | 478563  | 0.07  | 32.13  |
| XGL-2-15 | 4.14  | 873  | 76598  | 3014  | 497566  | 0.05  | 34.88  |
| XGL-2-16 |  | 732  | 66159  | 1830  | 495221  | 0.14  | 31.43  |
| XGL-2-17 | 0.00  | 935  | 74623  | 4767  | 477662  | 0.04  | 31.16  |
| XGL-2-18 | 3.00  | 1152  | 51905  | 1653  | 518278  | 0.08  | 155.75  |

附表4 小坑高岭土矿锆石Hf同位素分析结果

Table 4 Hf isotopic compositions of zircon from the Xiaokeng kaolin deposit

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Spot no. | Age (Ma) | 176Hf/177Hf | 1σ | 176Lu/177Hf | 1σ | 176Yb/177Hf | 1σ | εHf(t) | 1σ | TDM1 | TDM2 | fLu/Hf |
| XGL-1(Zr)-1 | 1019 | 0.282295  | 0.000038  | 0.003591  | 0.000021  | 0.160479  | 0.001123  | 3.2  | 1.5  | 1450  | 1579  | -0.89  |
| XGL-1(Zr)-3 | 231 | 0.282355  | 0.000016  | 0.001102  | 0.000031  | 0.053627  | 0.001645  | -9.9  | 0.8  | 1271  | 1677  | -0.97  |
| XGL-1(Zr)-5 | 231 | 0.282367  | 0.000012  | 0.001160  | 0.000008  | 0.047347  | 0.000260  | -9.4  | 0.7  | 1255  | 1653  | -0.97  |
| XGL-1(Zr)-6 | 982 | 0.282360  | 0.000015  | 0.001330  | 0.000016  | 0.056832  | 0.000344  | 6.3  | 0.8  | 1270  | 1380  | -0.96  |
| XGL-1(Zr)-10 | 232 | 0.282454  | 0.000017  | 0.002106  | 0.000026  | 0.085486  | 0.001086  | -6.5  | 0.8  | 1161  | 1490  | -0.94  |
| XGL-1(Zr)-11 | 229 | 0.282463  | 0.000017  | 0.001907  | 0.000042  | 0.077306  | 0.001578  | -6.2  | 0.8  | 1142  | 1472  | -0.94  |
| XGL-1(Zr)-16 | 235 | 0.282589  | 0.000013  | 0.001570  | 0.000049  | 0.067499  | 0.002161  | -1.5  | 0.7  | 952  | 1220  | -0.95  |
| XGL-1(Zr)-17 | 455 | 0.282451  | 0.000014  | 0.002092  | 0.000041  | 0.086362  | 0.001384  | -2.0  | 0.7  | 1166  | 1418  | -0.94  |
| XGL-1(Zr)-18 | 234 | 0.282448  | 0.000013  | 0.001878  | 0.000029  | 0.072147  | 0.000967  | -6.6  | 0.7  | 1163  | 1499  | -0.94  |
| XGL-2(Zr)-1 | 229 | 0.282602  | 0.000015  | 0.001467  | 0.000034  | 0.064960  | 0.001623  | -1.2  | 0.7  | 932  | 1198  | -0.96  |
| XGL-2(Zr)-2 | 232 | 0.282546  | 0.000014  | 0.002331  | 0.000053  | 0.099913  | 0.002065  | -3.3  | 0.7  | 1035  | 1313  | -0.93  |
| XGL-2(Zr)-3 | 233 | 0.282509  | 0.000010  | 0.000756  | 0.000012  | 0.032361  | 0.000621  | -4.3  | 0.6  | 1043  | 1371  | -0.98  |
| XGL-2(Zr)-4 | 233 | 0.282380  | 0.000014  | 0.001218  | 0.000011  | 0.049447  | 0.000409  | -8.9  | 0.7  | 1239  | 1628  | -0.96  |
| XGL-2(Zr)-6 | 456 | 0.282348  | 0.000011  | 0.000685  | 0.000036  | 0.030964  | 0.001582  | -5.2  | 0.7  | 1266  | 1595  | -0.98  |
| XGL-2(Zr)-8 | 228 | 0.282330  | 0.000011  | 0.000733  | 0.000010  | 0.030672  | 0.000444  | -10.7  | 0.7  | 1292  | 1723  | -0.98  |
| XGL-2(Zr)-9 | 228 | 0.282420  | 0.000013  | 0.000562  | 0.000036  | 0.026277  | 0.001494  | -7.5  | 0.7  | 1162  | 1546  | -0.98  |
| XGL-2(Zr)-13 | 230 | 0.282358  | 0.000012  | 0.001209  | 0.000009  | 0.050168  | 0.000315  | -9.8  | 0.7  | 1270  | 1672  | -0.96  |
| XGL-2(Zr)-14 | 457 | 0.282328  | 0.000009  | 0.000851  | 0.000014  | 0.036322  | 0.000683  | -5.9  | 0.6  | 1299  | 1637  | -0.97  |
| XGL-2(Zr)-15 | 230 | 0.282071  | 0.000010  | 0.000935  | 0.000005  | 0.035646  | 0.000165  | -19.9  | 0.6  | 1660  | 2228  | -0.97  |
| XGL-2(Zr)-16 | 233 | 0.282501  | 0.000014  | 0.001795  | 0.000012  | 0.076018  | 0.000541  | -4.7  | 0.7  | 1084  | 1395  | -0.95  |
| XGL-2(Zr)-17 | 230 | 0.282483  | 0.000014  | 0.001711  | 0.000027  | 0.073635  | 0.001210  | -5.4  | 0.7  | 1109  | 1432  | -0.95  |
| XGL-2(Zr)-18 | 229 | 0.282417  | 0.000010  | 0.001079  | 0.000024  | 0.046000  | 0.001103  | -7.7  | 0.6  | 1183  | 1557  | -0.97  |