

*Tectonics*

Supporting Information for

**Tectonics of the Eastern Kunlun Range: Cenozoic reactivation of a Paleozoic-early Mesozoic orogen**

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**Introduction**

Table S1. LA-ICP-MS results for zircons U-Pb ages of igneous samples in this study.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample analysis Spot | | | Corrected Isotopic Ratios | | | | | | Corrected Ages (Ma) | | | | | | | |
| number | 232Th/238U | 1σ | 206Pb/238U | 1σ | 207Pb/235U | 1σ | 207Pb/206Pb | 1σ | 206Pb/238U | 1σ | 207Pb/235U | 1σ | 207Pb/206Pb | 1σ | Best Ages | 1σ |
| sample WC071815-3 | | | | | | | | | | | | | | | | |
| sam.01 | 0.8401 | 0.0033 | 0.0698 | 0.0009 | 0.5341 | 0.0088 | 0.0555 | 0.0007 | 435 | 6 | 435 | 7 | 431 | 30 | 435 | 6 |
| sam.02 | 0.8202 | 0.0073 | 0.0695 | 0.0008 | 0.5316 | 0.0080 | 0.0554 | 0.0007 | 433 | 5 | 433 | 7 | 430 | 30 | 433 | 5 |
| sam.03 | 1.2595 | 0.0050 | 0.0711 | 0.0009 | 0.5553 | 0.0095 | 0.0566 | 0.0008 | 443 | 5 | 448 | 8 | 478 | 32 | 443 | 5 |
| sam.04 | 0.6566 | 0.0038 | 0.0720 | 0.0009 | 0.5522 | 0.0092 | 0.0556 | 0.0007 | 448 | 6 | 446 | 7 | 438 | 30 | 448 | 6 |
| sam.05 | 0.7690 | 0.0041 | 0.0713 | 0.0009 | 0.5523 | 0.0096 | 0.0562 | 0.0008 | 444 | 5 | 447 | 8 | 460 | 33 | 444 | 5 |
| sam.06 | 0.6941 | 0.0084 | 0.0700 | 0.0009 | 0.5333 | 0.0103 | 0.0553 | 0.0009 | 436 | 5 | 434 | 8 | 424 | 37 | 436 | 5 |
| sam.07 | 1.4208 | 0.0121 | 0.0692 | 0.0009 | 0.5290 | 0.0082 | 0.0555 | 0.0007 | 431 | 5 | 431 | 7 | 430 | 30 | 431 | 5 |
| sam.08 | 0.8357 | 0.0071 | 0.0715 | 0.0009 | 0.5510 | 0.0098 | 0.0559 | 0.0009 | 445 | 5 | 446 | 8 | 448 | 34 | 445 | 5 |
| sam.09 | 0.4256 | 0.0019 | 0.0720 | 0.0010 | 0.5536 | 0.0100 | 0.0558 | 0.0008 | 448 | 6 | 447 | 8 | 443 | 33 | 448 | 6 |
| sam.10 | 1.1427 | 0.0212 | 0.0778 | 0.0010 | 1.0285 | 0.0352 | 0.0958 | 0.0030 | 483 | 6 | 718 | 25 | 1545 | 58 | / | / |
| sam.11 | 0.5793 | 0.0042 | 0.0721 | 0.0009 | 0.5524 | 0.0086 | 0.0556 | 0.0008 | 449 | 5 | 447 | 7 | 435 | 32 | 449 | 5 |
| sam.12 | 0.6616 | 0.0054 | 0.0721 | 0.0009 | 0.5601 | 0.0093 | 0.0563 | 0.0008 | 449 | 6 | 452 | 8 | 465 | 30 | 449 | 6 |
| sam.13 | 0.5673 | 0.0043 | 0.0721 | 0.0009 | 0.5596 | 0.0095 | 0.0563 | 0.0008 | 449 | 6 | 451 | 8 | 464 | 30 | 449 | 6 |
| sam.14 | 1.1972 | 0.0138 | 0.0717 | 0.0009 | 0.5576 | 0.0087 | 0.0564 | 0.0007 | 447 | 6 | 450 | 7 | 467 | 29 | 447 | 6 |
| sam.15 | 0.6555 | 0.0069 | 0.0694 | 0.0008 | 0.5403 | 0.0115 | 0.0565 | 0.0011 | 433 | 5 | 439 | 9 | 470 | 41 | 433 | 5 |
| sam.16 | 0.8448 | 0.0051 | 0.0717 | 0.0009 | 0.5563 | 0.0122 | 0.0562 | 0.0010 | 447 | 6 | 449 | 10 | 462 | 40 | 447 | 6 |
| sam.17 | 0.5352 | 0.0031 | 0.0675 | 0.0015 | 0.6050 | 0.0177 | 0.0650 | 0.0011 | 421 | 9 | 480 | 14 | 774 | 35 | 421 | 9 |
| sam.18 | 0.4816 | 0.0087 | 0.0720 | 0.0009 | 0.5647 | 0.0097 | 0.0569 | 0.0009 | 448 | 5 | 455 | 8 | 486 | 33 | 448 | 5 |
| sam.19 | 0.4491 | 0.0076 | 0.0718 | 0.0008 | 0.5605 | 0.0081 | 0.0566 | 0.0007 | 447 | 5 | 452 | 7 | 476 | 27 | 447 | 5 |
| sam.20 | 0.4284 | 0.0010 | 0.0720 | 0.0010 | 0.5524 | 0.0087 | 0.0556 | 0.0007 | 448 | 6 | 447 | 7 | 438 | 27 | 448 | 6 |
| sam.21 | 0.6565 | 0.0095 | 0.0699 | 0.0008 | 0.5404 | 0.0097 | 0.0560 | 0.0008 | 436 | 5 | 439 | 8 | 454 | 34 | 436 | 5 |
| sam.22 | 0.4841 | 0.0044 | 0.0719 | 0.0008 | 0.5613 | 0.0088 | 0.0566 | 0.0007 | 448 | 5 | 452 | 7 | 477 | 29 | 448 | 5 |
| sam.23 | 0.1619 | 0.0015 | 0.0859 | 0.0012 | 0.7090 | 0.0120 | 0.0598 | 0.0007 | 531 | 7 | 544 | 9 | 598 | 26 | 531 | 7 |
| sam.24 | 0.6157 | 0.0012 | 0.0717 | 0.0009 | 0.5608 | 0.0119 | 0.0567 | 0.0010 | 447 | 6 | 452 | 10 | 480 | 40 | 447 | 6 |
| sam.25 | 0.5949 | 0.0131 | 0.0718 | 0.0009 | 0.5532 | 0.0095 | 0.0559 | 0.0008 | 447 | 6 | 447 | 8 | 448 | 33 | 447 | 6 |
| sam.26 | 0.7855 | 0.0039 | 0.0719 | 0.0010 | 0.5634 | 0.0101 | 0.0568 | 0.0008 | 448 | 6 | 454 | 8 | 485 | 29 | 448 | 6 |
| sam.27 | 0.7275 | 0.0030 | 0.0710 | 0.0008 | 0.5523 | 0.0115 | 0.0564 | 0.0010 | 442 | 5 | 447 | 9 | 468 | 41 | 442 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sample WC071815-1 | | | | | | | | | | | | | | | | |
| sam.01 | 0.3841 | 0.0079 | 0.1470 | 0.0020 | 1.5315 | 0.0269 | 0.0756 | 0.0009 | 884 | 12 | 943 | 17 | 1083 | 24 | 1083 | 24 |
| sam.02 | 0.7233 | 0.0037 | 0.0702 | 0.0008 | 0.5379 | 0.0078 | 0.0556 | 0.0007 | 437 | 5 | 437 | 6 | 437 | 27 | 437 | 5 |
| sam.03 | 0.0769 | 0.0004 | 0.0679 | 0.0007 | 0.5423 | 0.0090 | 0.0580 | 0.0009 | 423 | 5 | 440 | 7 | 528 | 34 | 423 | 5 |
| sam.04 | 0.9235 | 0.0073 | 0.0705 | 0.0008 | 0.5486 | 0.0081 | 0.0564 | 0.0007 | 439 | 5 | 444 | 7 | 469 | 28 | 439 | 5 |
| sam.05 | 0.9821 | 0.0070 | 0.0703 | 0.0009 | 0.5463 | 0.0087 | 0.0564 | 0.0008 | 438 | 5 | 443 | 7 | 467 | 30 | 438 | 5 |
| sam.06 | 0.2583 | 0.0017 | 0.1533 | 0.0018 | 1.4681 | 0.0207 | 0.0695 | 0.0008 | 919 | 11 | 917 | 13 | 912 | 24 | 912 | 24 |
| sam.07 | 0.6324 | 0.0051 | 0.0703 | 0.0008 | 0.5490 | 0.0087 | 0.0566 | 0.0008 | 438 | 5 | 444 | 7 | 476 | 32 | 438 | 5 |
| sam.08 | 0.2440 | 0.0023 | 0.0691 | 0.0008 | 0.5312 | 0.0073 | 0.0557 | 0.0006 | 431 | 5 | 433 | 6 | 441 | 26 | 431 | 5 |
| sam.09 | 1.2223 | 0.0098 | 0.0704 | 0.0008 | 0.5466 | 0.0076 | 0.0563 | 0.0007 | 439 | 5 | 443 | 6 | 465 | 27 | 439 | 5 |
| sam.10 | 0.2043 | 0.0195 | 0.0934 | 0.0031 | 0.8082 | 0.2388 | 0.0628 | 0.0007 | 575 | 19 | 601 | 178 | 701 | 26 | 575 | 19 |
| sam.11 | 0.6238 | 0.0015 | 0.0705 | 0.0009 | 0.5431 | 0.0083 | 0.0559 | 0.0007 | 439 | 6 | 440 | 7 | 448 | 27 | 439 | 6 |
| sam.12 | 0.2699 | 0.0164 | 0.0648 | 0.0039 | 0.7979 | 0.4231 | 0.0893 | 0.0007 | 405 | 25 | 596 | 316 | 1410 | 26 | / | / |
| sam.13 | 0.6061 | 0.0083 | 0.0720 | 0.0008 | 0.5569 | 0.0084 | 0.0561 | 0.0007 | 448 | 5 | 450 | 7 | 456 | 28 | 448 | 5 |
| sam.14 | 0.4045 | 0.0075 | 0.0828 | 0.0010 | 0.6794 | 0.0108 | 0.0595 | 0.0008 | 513 | 6 | 526 | 8 | 585 | 30 | 513 | 6 |
| sam.15 | 0.4540 | 0.0182 | 0.0692 | 0.0008 | 0.5413 | 0.0086 | 0.0567 | 0.0008 | 431 | 5 | 439 | 7 | 481 | 32 | 431 | 5 |
| sam.17 | 0.4421 | 0.0073 | 0.0714 | 0.0008 | 0.5567 | 0.0079 | 0.0566 | 0.0007 | 444 | 5 | 449 | 6 | 475 | 28 | 444 | 5 |
| sam.18 | 0.3169 | 0.0027 | 0.0721 | 0.0009 | 0.5605 | 0.0089 | 0.0564 | 0.0007 | 449 | 5 | 452 | 7 | 468 | 28 | 449 | 5 |
| sam.19 | 0.1095 | 0.0010 | 0.0719 | 0.0009 | 0.5497 | 0.0078 | 0.0555 | 0.0007 | 447 | 6 | 445 | 6 | 432 | 26 | 447 | 6 |
| sam.20 | 0.5514 | 0.0039 | 0.0707 | 0.0008 | 0.5408 | 0.0077 | 0.0555 | 0.0007 | 440 | 5 | 439 | 6 | 433 | 28 | 440 | 5 |
| sam.21 | 0.0628 | 0.0005 | 0.0722 | 0.0008 | 0.5492 | 0.0074 | 0.0552 | 0.0006 | 449 | 5 | 444 | 6 | 420 | 26 | 449 | 5 |
| sam.22 | 0.3538 | 0.0037 | 0.0714 | 0.0008 | 0.5473 | 0.0088 | 0.0556 | 0.0007 | 445 | 5 | 443 | 7 | 436 | 29 | 445 | 5 |
| sam.23 | 0.4886 | 0.0035 | 0.0719 | 0.0009 | 0.5487 | 0.0097 | 0.0554 | 0.0009 | 448 | 6 | 444 | 8 | 427 | 34 | 448 | 6 |
| sam.24 | 0.3397 | 0.0025 | 0.0712 | 0.0008 | 0.5403 | 0.0073 | 0.0551 | 0.0006 | 443 | 5 | 439 | 6 | 414 | 26 | 443 | 5 |
| sam.25 | 0.7875 | 0.0051 | 0.0700 | 0.0008 | 0.5366 | 0.0087 | 0.0556 | 0.0008 | 436 | 5 | 436 | 7 | 435 | 31 | 436 | 5 |
| sam.26 | 0.8432 | 0.0090 | 0.0719 | 0.0008 | 0.5480 | 0.0079 | 0.0553 | 0.0007 | 448 | 5 | 444 | 6 | 423 | 29 | 448 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sample WC300414-1C | | | | | | | | | | | | | | | | |
| sam.01 | 0.4996 | 0.0038 | 0.0704 | 0.0008 | 0.5432 | 0.0080 | 0.0560 | 0.0007 | 438 | 5 | 441 | 7 | 452 | 27 | 438 | 5 |
| sam.02 | 0.3165 | 0.0022 | 0.0699 | 0.0008 | 0.5369 | 0.0092 | 0.0557 | 0.0008 | 436 | 5 | 436 | 7 | 440 | 32 | 436 | 5 |
| sam.03 | 0.3530 | 0.0025 | 0.0697 | 0.0008 | 0.5371 | 0.0091 | 0.0559 | 0.0009 | 435 | 5 | 436 | 7 | 447 | 34 | 435 | 5 |
| sam.04 | 0.2926 | 0.0032 | 0.0712 | 0.0008 | 0.5563 | 0.0084 | 0.0567 | 0.0007 | 443 | 5 | 449 | 7 | 478 | 29 | 443 | 5 |
| sam.05 | 0.4106 | 0.0013 | 0.0726 | 0.0009 | 0.5601 | 0.0087 | 0.0559 | 0.0007 | 452 | 6 | 452 | 7 | 450 | 29 | 452 | 6 |
| sam.06 | 0.1749 | 0.0018 | 0.0698 | 0.0008 | 0.5359 | 0.0076 | 0.0557 | 0.0007 | 435 | 5 | 436 | 6 | 440 | 26 | 435 | 5 |
| sam.07 | 0.3160 | 0.0017 | 0.0698 | 0.0009 | 0.5435 | 0.0094 | 0.0564 | 0.0008 | 435 | 6 | 441 | 8 | 470 | 30 | 435 | 6 |
| sam.08 | 0.3557 | 0.0026 | 0.0704 | 0.0009 | 0.5399 | 0.0082 | 0.0556 | 0.0007 | 439 | 5 | 438 | 7 | 436 | 29 | 439 | 5 |
| sam.09 | 0.3310 | 0.0022 | 0.0705 | 0.0010 | 0.5501 | 0.0090 | 0.0566 | 0.0007 | 439 | 6 | 445 | 7 | 474 | 27 | 439 | 6 |
| sam.10 | 0.1854 | 0.0011 | 0.0700 | 0.0010 | 0.5381 | 0.0091 | 0.0558 | 0.0007 | 436 | 6 | 437 | 7 | 443 | 27 | 436 | 6 |
| sam.11 | 0.4297 | 0.0044 | 0.0712 | 0.0008 | 0.5474 | 0.0083 | 0.0558 | 0.0007 | 443 | 5 | 443 | 7 | 443 | 29 | 443 | 5 |
| sam.12 | 0.4755 | 0.0024 | 0.0697 | 0.0008 | 0.5332 | 0.0083 | 0.0555 | 0.0007 | 435 | 5 | 434 | 7 | 431 | 29 | 435 | 5 |
| sam.13 | 0.4102 | 0.0031 | 0.0705 | 0.0008 | 0.5424 | 0.0078 | 0.0558 | 0.0007 | 439 | 5 | 440 | 6 | 443 | 27 | 439 | 5 |
| sam.14 | 0.4070 | 0.0021 | 0.0711 | 0.0008 | 0.5490 | 0.0079 | 0.0560 | 0.0007 | 443 | 5 | 444 | 6 | 454 | 28 | 443 | 5 |
| sam.15 | 0.3318 | 0.0016 | 0.0700 | 0.0008 | 0.5387 | 0.0080 | 0.0558 | 0.0007 | 436 | 5 | 438 | 6 | 445 | 27 | 436 | 5 |
| sam.16 | 0.2649 | 0.0021 | 0.0698 | 0.0008 | 0.5438 | 0.0084 | 0.0565 | 0.0007 | 435 | 5 | 441 | 7 | 472 | 28 | 435 | 5 |
| sam.17 | 0.2381 | 0.0016 | 0.0711 | 0.0009 | 0.5467 | 0.0082 | 0.0558 | 0.0007 | 443 | 5 | 443 | 7 | 444 | 27 | 443 | 5 |
| sam.18 | 0.3250 | 0.0016 | 0.0700 | 0.0008 | 0.5369 | 0.0081 | 0.0556 | 0.0007 | 436 | 5 | 436 | 7 | 436 | 28 | 436 | 5 |
| sam.19 | 0.3948 | 0.0023 | 0.0703 | 0.0008 | 0.5470 | 0.0085 | 0.0564 | 0.0008 | 438 | 5 | 443 | 7 | 468 | 30 | 438 | 5 |
| sam.20 | 0.3883 | 0.0030 | 0.0706 | 0.0008 | 0.5444 | 0.0084 | 0.0559 | 0.0007 | 440 | 5 | 441 | 7 | 448 | 29 | 440 | 5 |
| sam.21 | 0.3370 | 0.0029 | 0.0703 | 0.0008 | 0.5443 | 0.0082 | 0.0562 | 0.0007 | 438 | 5 | 441 | 7 | 460 | 29 | 438 | 5 |
| sam.22 | 0.4173 | 0.0020 | 0.0701 | 0.0008 | 0.5354 | 0.0078 | 0.0554 | 0.0007 | 437 | 5 | 435 | 6 | 427 | 27 | 437 | 5 |
| sam.23 | 0.4078 | 0.0038 | 0.0710 | 0.0008 | 0.5569 | 0.0083 | 0.0569 | 0.0007 | 442 | 5 | 449 | 7 | 488 | 27 | 442 | 5 |
| sam.24 | 0.4107 | 0.0046 | 0.0717 | 0.0008 | 0.5520 | 0.0083 | 0.0558 | 0.0007 | 446 | 5 | 446 | 7 | 446 | 29 | 446 | 5 |
| sam.25 | 0.4346 | 0.0027 | 0.0715 | 0.0008 | 0.5538 | 0.0091 | 0.0562 | 0.0008 | 445 | 5 | 448 | 7 | 461 | 31 | 445 | 5 |
| sam.26 | 0.4138 | 0.0064 | 0.0701 | 0.0008 | 0.5379 | 0.0078 | 0.0557 | 0.0007 | 437 | 5 | 437 | 6 | 439 | 26 | 437 | 5 |
| sam.27 | 0.3722 | 0.0026 | 0.0699 | 0.0008 | 0.5368 | 0.0087 | 0.0557 | 0.0008 | 436 | 5 | 436 | 7 | 440 | 31 | 436 | 5 |
| sam.28 | 0.4996 | 0.0038 | 0.0704 | 0.0008 | 0.5432 | 0.0080 | 0.0560 | 0.0007 | 438 | 5 | 441 | 7 | 452 | 27 | 438 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sample WC300414-17 | | | | | | | | | | | | | | | | |
| sam.01 | 0.3223 | 0.0032 | 0.0684 | 0.0007 | 0.5213 | 0.0080 | 0.0553 | 0.0008 | 427 | 5 | 426 | 7 | 423 | 31 | 427 | 5 |
| sam.02 | 0.4346 | 0.0030 | 0.0689 | 0.0008 | 0.5337 | 0.0077 | 0.0562 | 0.0007 | 429 | 5 | 434 | 6 | 461 | 27 | 429 | 5 |
| sam.03 | 0.5550 | 0.0025 | 0.0694 | 0.0008 | 0.5312 | 0.0075 | 0.0556 | 0.0007 | 432 | 5 | 433 | 6 | 435 | 27 | 432 | 5 |
| sam.04 | 0.4834 | 0.0053 | 0.0689 | 0.0008 | 0.5356 | 0.0081 | 0.0564 | 0.0008 | 429 | 5 | 435 | 7 | 468 | 30 | 429 | 5 |
| sam.05 | 0.2066 | 0.0019 | 0.0690 | 0.0008 | 0.5325 | 0.0081 | 0.0560 | 0.0007 | 430 | 5 | 433 | 7 | 452 | 28 | 430 | 5 |
| sam.06 | 0.3304 | 0.0041 | 0.0692 | 0.0008 | 0.5294 | 0.0078 | 0.0555 | 0.0007 | 431 | 5 | 431 | 6 | 433 | 29 | 431 | 5 |
| sam.07 | 0.3827 | 0.0018 | 0.0693 | 0.0008 | 0.5320 | 0.0081 | 0.0557 | 0.0007 | 432 | 5 | 433 | 7 | 440 | 29 | 432 | 5 |
| sam.08 | 0.4829 | 0.0022 | 0.0694 | 0.0008 | 0.5343 | 0.0077 | 0.0558 | 0.0007 | 433 | 5 | 435 | 6 | 445 | 27 | 433 | 5 |
| sam.09 | 0.5123 | 0.0025 | 0.0679 | 0.0008 | 0.5212 | 0.0074 | 0.0556 | 0.0007 | 424 | 5 | 426 | 6 | 438 | 26 | 424 | 5 |
| sam.10 | 0.4970 | 0.0012 | 0.0696 | 0.0008 | 0.5353 | 0.0080 | 0.0558 | 0.0007 | 434 | 5 | 435 | 7 | 445 | 28 | 434 | 5 |
| sam.11 | 0.3239 | 0.0029 | 0.0695 | 0.0009 | 0.5411 | 0.0104 | 0.0565 | 0.0009 | 433 | 5 | 439 | 8 | 472 | 36 | 433 | 5 |
| sam.12 | 0.2391 | 0.0020 | 0.0679 | 0.0008 | 0.5190 | 0.0077 | 0.0554 | 0.0007 | 424 | 5 | 424 | 6 | 429 | 28 | 424 | 5 |
| sam.13 | 0.2763 | 0.0008 | 0.0682 | 0.0008 | 0.5235 | 0.0077 | 0.0557 | 0.0007 | 425 | 5 | 428 | 6 | 439 | 27 | 425 | 5 |
| sam.14 | 0.4058 | 0.0015 | 0.0687 | 0.0008 | 0.5288 | 0.0077 | 0.0558 | 0.0007 | 428 | 5 | 431 | 6 | 446 | 28 | 428 | 5 |
| sam.15 | 0.4456 | 0.0027 | 0.0683 | 0.0008 | 0.5315 | 0.0084 | 0.0565 | 0.0008 | 426 | 5 | 433 | 7 | 471 | 30 | 426 | 5 |
| sam.16 | 0.4753 | 0.0028 | 0.0686 | 0.0008 | 0.5244 | 0.0078 | 0.0555 | 0.0007 | 428 | 5 | 428 | 6 | 431 | 27 | 428 | 5 |
| sam.17 | 0.2737 | 0.0013 | 0.0685 | 0.0008 | 0.5326 | 0.0078 | 0.0564 | 0.0007 | 427 | 5 | 434 | 6 | 467 | 27 | 427 | 5 |
| sam.18 | 0.3159 | 0.0037 | 0.0688 | 0.0008 | 0.5260 | 0.0074 | 0.0555 | 0.0007 | 429 | 5 | 429 | 6 | 432 | 26 | 429 | 5 |
| sam.19 | 0.4352 | 0.0016 | 0.0679 | 0.0008 | 0.5231 | 0.0073 | 0.0558 | 0.0007 | 424 | 5 | 427 | 6 | 446 | 26 | 424 | 5 |
| sam.20 | 0.3091 | 0.0059 | 0.0683 | 0.0008 | 0.5266 | 0.0079 | 0.0559 | 0.0007 | 426 | 5 | 430 | 6 | 448 | 29 | 426 | 5 |
| sam.21 | 0.2690 | 0.0018 | 0.0679 | 0.0008 | 0.5165 | 0.0075 | 0.0552 | 0.0007 | 424 | 5 | 423 | 6 | 419 | 27 | 424 | 5 |
| sam.22 | 0.4305 | 0.0073 | 0.0692 | 0.0008 | 0.5314 | 0.0078 | 0.0557 | 0.0007 | 431 | 5 | 433 | 6 | 440 | 27 | 431 | 5 |
| sam.23 | 0.3802 | 0.0014 | 0.0692 | 0.0008 | 0.5298 | 0.0078 | 0.0555 | 0.0007 | 432 | 5 | 432 | 6 | 432 | 28 | 432 | 5 |
| sam.24 | 0.3641 | 0.0015 | 0.0688 | 0.0008 | 0.5344 | 0.0103 | 0.0563 | 0.0010 | 429 | 5 | 435 | 8 | 466 | 40 | 429 | 5 |
| sam.25 | 0.4221 | 0.0035 | 0.0692 | 0.0009 | 0.5295 | 0.0084 | 0.0555 | 0.0007 | 432 | 6 | 431 | 7 | 431 | 28 | 432 | 6 |
| sam.26 | 0.2414 | 0.0020 | 0.0692 | 0.0009 | 0.5306 | 0.0082 | 0.0556 | 0.0007 | 432 | 6 | 432 | 7 | 436 | 27 | 432 | 6 |
| sam.27 | 0.4420 | 0.0015 | 0.0694 | 0.0008 | 0.5367 | 0.0080 | 0.0561 | 0.0007 | 433 | 5 | 436 | 7 | 454 | 29 | 433 | 5 |
| sam.28 | 0.2747 | 0.0021 | 0.0684 | 0.0008 | 0.5220 | 0.0079 | 0.0553 | 0.0007 | 427 | 5 | 427 | 6 | 426 | 29 | 427 | 5 |
| sam.29 | 0.3423 | 0.0042 | 0.0694 | 0.0008 | 0.5413 | 0.0083 | 0.0566 | 0.0007 | 432 | 5 | 439 | 7 | 476 | 28 | 432 | 5 |
| sam.30 | 0.0628 | 0.0001 | 0.0696 | 0.0008 | 0.5343 | 0.0078 | 0.0557 | 0.0007 | 434 | 5 | 435 | 6 | 440 | 27 | 434 | 5 |
| sam.31 | 0.5210 | 0.0036 | 0.0689 | 0.0008 | 0.5259 | 0.0086 | 0.0554 | 0.0008 | 429 | 5 | 429 | 7 | 427 | 31 | 429 | 5 |
| sam.32 | 0.4292 | 0.0016 | 0.0679 | 0.0007 | 0.5195 | 0.0073 | 0.0555 | 0.0007 | 424 | 5 | 425 | 6 | 430 | 28 | 424 | 5 |
| sam.33 | 0.3784 | 0.0012 | 0.0685 | 0.0008 | 0.5227 | 0.0077 | 0.0554 | 0.0007 | 427 | 5 | 427 | 6 | 427 | 29 | 427 | 5 |
| sam.34 | 0.4319 | 0.0036 | 0.0694 | 0.0008 | 0.5363 | 0.0087 | 0.0560 | 0.0008 | 433 | 5 | 436 | 7 | 454 | 32 | 433 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sample WC300414-7 | | | | | | | | | | | | | | | | |
| sam.01 | 0.3873 | 0.0027 | 0.0661 | 0.0007 | 0.5043 | 0.0072 | 0.0554 | 0.0007 | 412 | 5 | 415 | 6 | 427 | 28 | 412 | 5 |
| sam.02 | 0.3733 | 0.0010 | 0.0669 | 0.0007 | 0.5131 | 0.0080 | 0.0556 | 0.0008 | 418 | 5 | 421 | 7 | 436 | 32 | 418 | 5 |
| sam.03 | 0.6507 | 0.0031 | 0.0660 | 0.0007 | 0.4998 | 0.0074 | 0.0549 | 0.0007 | 412 | 4 | 412 | 6 | 408 | 29 | 412 | 4 |
| sam.04 | 0.5282 | 0.0012 | 0.0662 | 0.0007 | 0.5090 | 0.0070 | 0.0558 | 0.0007 | 413 | 5 | 418 | 6 | 444 | 26 | 413 | 5 |
| sam.05 | 0.4957 | 0.0013 | 0.0667 | 0.0007 | 0.5153 | 0.0081 | 0.0560 | 0.0008 | 416 | 5 | 422 | 7 | 453 | 31 | 416 | 5 |
| sam.06 | 0.2753 | 0.0022 | 0.0676 | 0.0009 | 0.5199 | 0.0080 | 0.0558 | 0.0007 | 421 | 6 | 425 | 7 | 445 | 27 | 421 | 6 |
| sam.07 | 0.4222 | 0.0037 | 0.0675 | 0.0007 | 0.5237 | 0.0082 | 0.0563 | 0.0008 | 421 | 5 | 428 | 7 | 464 | 32 | 421 | 5 |
| sam.08 | 0.3940 | 0.0023 | 0.0679 | 0.0009 | 0.5266 | 0.0082 | 0.0563 | 0.0007 | 423 | 5 | 430 | 7 | 463 | 29 | 423 | 5 |
| sam.09 | 0.6894 | 0.0069 | 0.0671 | 0.0008 | 0.5130 | 0.0074 | 0.0554 | 0.0007 | 419 | 5 | 420 | 6 | 430 | 28 | 419 | 5 |
| sam.10 | 0.6104 | 0.0034 | 0.0674 | 0.0008 | 0.5224 | 0.0074 | 0.0562 | 0.0007 | 421 | 5 | 427 | 6 | 461 | 27 | 421 | 5 |
| sam.11 | 0.4524 | 0.0024 | 0.0672 | 0.0008 | 0.5232 | 0.0076 | 0.0565 | 0.0007 | 419 | 5 | 427 | 6 | 471 | 28 | 419 | 5 |
| sam.12 | 0.4719 | 0.0053 | 0.0677 | 0.0008 | 0.5183 | 0.0073 | 0.0555 | 0.0007 | 423 | 5 | 424 | 6 | 432 | 26 | 423 | 5 |
| sam.13 | 0.4972 | 0.0043 | 0.0674 | 0.0008 | 0.5133 | 0.0074 | 0.0552 | 0.0007 | 421 | 5 | 421 | 6 | 421 | 27 | 421 | 5 |
| sam.14 | 0.3866 | 0.0033 | 0.0670 | 0.0008 | 0.5113 | 0.0075 | 0.0553 | 0.0007 | 418 | 5 | 419 | 6 | 426 | 27 | 418 | 5 |
| sam.15 | 0.3129 | 0.0015 | 0.0612 | 0.0007 | 0.4649 | 0.0072 | 0.0551 | 0.0007 | 383 | 4 | 388 | 6 | 417 | 30 | 383 | 4 |
| sam.16 | 0.4299 | 0.0018 | 0.0660 | 0.0007 | 0.5031 | 0.0077 | 0.0552 | 0.0007 | 412 | 5 | 414 | 6 | 422 | 30 | 412 | 5 |
| sam.17 | 0.3069 | 0.0018 | 0.0678 | 0.0008 | 0.5222 | 0.0092 | 0.0559 | 0.0009 | 423 | 5 | 427 | 8 | 447 | 36 | 423 | 5 |
| sam.18 | 0.3788 | 0.0036 | 0.0660 | 0.0007 | 0.5035 | 0.0073 | 0.0553 | 0.0007 | 412 | 5 | 414 | 6 | 425 | 28 | 412 | 5 |
| sam.19 | 0.5038 | 0.0022 | 0.0675 | 0.0007 | 0.5260 | 0.0075 | 0.0565 | 0.0007 | 421 | 5 | 429 | 6 | 472 | 27 | 421 | 5 |
| sam.20 | 0.3371 | 0.0038 | 0.0678 | 0.0008 | 0.5269 | 0.0079 | 0.0564 | 0.0007 | 423 | 5 | 430 | 6 | 466 | 29 | 423 | 5 |
| sam.21 | 0.4319 | 0.0035 | 0.0661 | 0.0007 | 0.5101 | 0.0079 | 0.0560 | 0.0008 | 413 | 4 | 419 | 6 | 452 | 31 | 413 | 4 |
| sam.22 | 0.4954 | 0.0036 | 0.0668 | 0.0008 | 0.5102 | 0.0072 | 0.0554 | 0.0007 | 417 | 5 | 419 | 6 | 428 | 27 | 417 | 5 |
| sam.23 | 0.4982 | 0.0048 | 0.0678 | 0.0008 | 0.5258 | 0.0082 | 0.0562 | 0.0008 | 423 | 5 | 429 | 7 | 461 | 30 | 423 | 5 |
| sam.24 | 0.4624 | 0.0020 | 0.0676 | 0.0008 | 0.5156 | 0.0075 | 0.0553 | 0.0007 | 422 | 5 | 422 | 6 | 424 | 28 | 422 | 5 |
| sam.25 | 0.4788 | 0.0014 | 0.0672 | 0.0008 | 0.5137 | 0.0075 | 0.0554 | 0.0007 | 419 | 5 | 421 | 6 | 429 | 28 | 419 | 5 |
| sam.26 | 0.4362 | 0.0028 | 0.0678 | 0.0007 | 0.5268 | 0.0095 | 0.0563 | 0.0010 | 423 | 5 | 430 | 8 | 466 | 38 | 423 | 5 |
| sam.27 | 0.4910 | 0.0028 | 0.0668 | 0.0007 | 0.5060 | 0.0080 | 0.0550 | 0.0008 | 417 | 5 | 416 | 7 | 411 | 31 | 417 | 5 |
| sam.28 | 0.4716 | 0.0016 | 0.0665 | 0.0007 | 0.5052 | 0.0079 | 0.0551 | 0.0008 | 415 | 5 | 415 | 6 | 416 | 31 | 415 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sample WC071715-2B | | | | | | | | | | | | | | | | |
| sam.1 | 0.8062 | 0.0058 | 0.0555 | 0.0006 | 0.4141 | 0.0057 | 0.0541 | 0.0006 | 348 | 4 | 352 | 5 | 375 | 27 | 348 | 4 |
| sam.2 | 0.5980 | 0.0040 | 0.0572 | 0.0006 | 0.4282 | 0.0059 | 0.0543 | 0.0007 | 358 | 4 | 362 | 5 | 385 | 28 | 358 | 4 |
| sam.3 | 0.5981 | 0.0056 | 0.0565 | 0.0006 | 0.4928 | 0.0070 | 0.0632 | 0.0008 | 354 | 4 | 407 | 6 | 716 | 26 | 354 | 4 |
| sam.4 | 0.4288 | 0.0055 | 0.0571 | 0.0006 | 0.4199 | 0.0061 | 0.0534 | 0.0007 | 358 | 4 | 356 | 5 | 344 | 29 | 358 | 4 |
| sam.5 | 0.4448 | 0.0015 | 0.0687 | 0.0008 | 0.5337 | 0.0078 | 0.0563 | 0.0007 | 428 | 5 | 434 | 6 | 466 | 29 | 428 | 5 |
| sam.6 | 0.5723 | 0.0153 | 0.0569 | 0.0006 | 0.6728 | 0.0094 | 0.0857 | 0.0011 | 357 | 4 | 522 | 7 | 1331 | 25 | 357 | 4 |
| sam.7 | 0.8119 | 0.0021 | 0.0570 | 0.0006 | 0.4961 | 0.0066 | 0.0631 | 0.0008 | 357 | 4 | 409 | 5 | 712 | 26 | 357 | 4 |
| sam.8 | 0.6514 | 0.0037 | 0.0573 | 0.0007 | 0.5885 | 0.0135 | 0.0744 | 0.0014 | 359 | 4 | 470 | 11 | 1053 | 38 | 359 | 4 |
| sam.9 | 0.8472 | 0.0084 | 0.0571 | 0.0006 | 0.4323 | 0.0062 | 0.0549 | 0.0007 | 358 | 4 | 365 | 5 | 409 | 27 | 358 | 4 |
| sam.10 | 0.7225 | 0.0025 | 0.0571 | 0.0006 | 0.5471 | 0.0088 | 0.0695 | 0.0009 | 358 | 4 | 443 | 7 | 914 | 27 | 358 | 4 |
| sam.11 | 0.6076 | 0.0056 | 0.0581 | 0.0006 | 0.6653 | 0.0097 | 0.0831 | 0.0011 | 364 | 4 | 518 | 8 | 1271 | 25 | 364 | 4 |
| sam.12 | 0.4596 | 0.0028 | 0.0573 | 0.0007 | 0.5451 | 0.0086 | 0.0689 | 0.0011 | 359 | 4 | 442 | 7 | 897 | 32 | 359 | 4 |
| sam.13 | 0.4787 | 0.0042 | 0.0575 | 0.0007 | 0.6307 | 0.0099 | 0.0796 | 0.0014 | 360 | 4 | 497 | 8 | 1187 | 34 | 360 | 4 |
| sam.14 | 0.7932 | 0.0028 | 0.0574 | 0.0007 | 0.4740 | 0.0073 | 0.0599 | 0.0008 | 360 | 4 | 394 | 6 | 599 | 29 | 360 | 4 |
| sam.15 | 0.3169 | 0.0030 | 0.0571 | 0.0007 | 0.4417 | 0.0066 | 0.0561 | 0.0007 | 358 | 4 | 371 | 6 | 456 | 28 | 358 | 4 |
| sam.16 | 0.7733 | 0.0032 | 0.0581 | 0.0007 | 0.5050 | 0.0086 | 0.0631 | 0.0009 | 364 | 4 | 415 | 7 | 711 | 30 | 364 | 4 |
| sam.17 | 0.6093 | 0.0010 | 0.0581 | 0.0007 | 0.5042 | 0.0077 | 0.0630 | 0.0008 | 364 | 4 | 415 | 6 | 707 | 26 | 364 | 4 |
| sam.18 | 0.5744 | 0.0034 | 0.0584 | 0.0006 | 0.6070 | 0.0088 | 0.0754 | 0.0010 | 366 | 4 | 482 | 7 | 1079 | 28 | 366 | 4 |
| sam.19 | 0.6272 | 0.0048 | 0.0580 | 0.0007 | 0.5574 | 0.0081 | 0.0697 | 0.0010 | 364 | 4 | 450 | 7 | 919 | 30 | 364 | 4 |
| sample WC020514-15 | | | | | | | | | | | | | | | | |
| sam.01 | 1.1422 | 0.0134 | 0.04208 | 0.00054 | 0.30209 | 0.00878 | 0.05206 | 0.00128 | 266 | 3 | 268 | 8 | 288 | 56 | 266 | 3 |
| sam.02 | 0.2676 | 0.0014 | 0.04532 | 0.00049 | 0.32837 | 0.00653 | 0.05255 | 0.00094 | 286 | 3 | 288 | 6 | 310 | 41 | 286 | 3 |
| sam.03 | 0.8840 | 0.0021 | 0.04095 | 0.00045 | 0.28930 | 0.00468 | 0.05124 | 0.00072 | 259 | 3 | 258 | 4 | 251 | 32 | 259 | 3 |
| sam.04 | 0.3085 | 0.0023 | 0.11972 | 0.00187 | 1.09946 | 0.02102 | 0.06661 | 0.00078 | 729 | 11 | 753 | 14 | 825 | 24 | 729 | 11 |
| sam.05 | 0.9075 | 0.0053 | 0.04374 | 0.00060 | 0.31166 | 0.01506 | 0.05167 | 0.00209 | 276 | 4 | 275 | 13 | 271 | 93 | 276 | 4 |
| sam.06 | 1.1764 | 0.0099 | 0.04115 | 0.00043 | 0.29093 | 0.00532 | 0.05127 | 0.00085 | 260 | 3 | 259 | 5 | 253 | 38 | 260 | 3 |
| sam.07 | 1.0435 | 0.0042 | 0.04108 | 0.00045 | 0.29859 | 0.00686 | 0.05272 | 0.00121 | 260 | 3 | 265 | 6 | 317 | 52 | 260 | 3 |
| sam.08 | 0.7374 | 0.0008 | 0.04274 | 0.00048 | 0.30068 | 0.00646 | 0.05102 | 0.00101 | 270 | 3 | 267 | 6 | 242 | 46 | 270 | 3 |
| sam.09 | 0.0510 | 0.0002 | 0.13317 | 0.00179 | 1.20902 | 0.02015 | 0.06584 | 0.00075 | 806 | 11 | 805 | 13 | 801 | 24 | 806 | 11 |
| sam.10 | 0.9537 | 0.0219 | 0.04155 | 0.00045 | 0.28696 | 0.00448 | 0.05009 | 0.00070 | 262 | 3 | 256 | 4 | 199 | 32 | 262 | 3 |
| sam.11 | 1.3737 | 0.0105 | 0.04281 | 0.00048 | 0.30211 | 0.00607 | 0.05118 | 0.00091 | 270 | 3 | 268 | 5 | 249 | 41 | 270 | 3 |
| sam.12 | 0.9021 | 0.0140 | 0.04078 | 0.00043 | 0.28672 | 0.00460 | 0.05100 | 0.00075 | 258 | 3 | 256 | 4 | 241 | 34 | 258 | 3 |
| sam.13 | 0.5055 | 0.0044 | 0.04326 | 0.00054 | 0.30313 | 0.00625 | 0.05082 | 0.00093 | 273 | 3 | 269 | 6 | 233 | 42 | 273 | 3 |
| sam.14 | 0.8650 | 0.0054 | 0.04435 | 0.00046 | 0.31310 | 0.00632 | 0.05120 | 0.00099 | 280 | 3 | 277 | 6 | 250 | 44 | 280 | 3 |
| sam.15 | 1.3105 | 0.0125 | 0.04081 | 0.00044 | 0.29240 | 0.00494 | 0.05197 | 0.00080 | 258 | 3 | 260 | 4 | 284 | 35 | 258 | 3 |
| sam.16 | 0.7063 | 0.0037 | 0.04130 | 0.00049 | 0.28955 | 0.00495 | 0.05085 | 0.00083 | 261 | 3 | 258 | 4 | 234 | 38 | 261 | 3 |
| sam.17 | 0.1223 | 0.0014 | 0.05703 | 0.00061 | 0.42393 | 0.00816 | 0.05392 | 0.00097 | 358 | 4 | 359 | 7 | 368 | 40 | 358 | 4 |
| sam.18 | 1.3278 | 0.0591 | 0.04198 | 0.00042 | 0.29240 | 0.00431 | 0.05052 | 0.00068 | 265 | 3 | 260 | 4 | 219 | 31 | 265 | 3 |
| sam.19 | 0.4633 | 0.0021 | 0.04270 | 0.00049 | 0.30537 | 0.01228 | 0.05187 | 0.00198 | 270 | 3 | 271 | 11 | 280 | 87 | 270 | 3 |
| sam.20 | 0.6118 | 0.0016 | 0.04239 | 0.00054 | 0.30567 | 0.00506 | 0.05230 | 0.00067 | 268 | 3 | 271 | 4 | 299 | 29 | 268 | 3 |
| sam.21 | 1.1570 | 0.0066 | 0.04116 | 0.00042 | 0.29157 | 0.00423 | 0.05137 | 0.00065 | 260 | 3 | 260 | 4 | 258 | 29 | 260 | 3 |
| sam.22 | 0.6878 | 0.0012 | 0.04227 | 0.00058 | 0.30106 | 0.00860 | 0.05165 | 0.00128 | 267 | 4 | 267 | 8 | 270 | 57 | 267 | 4 |
| sam.23 | 1.0744 | 0.0093 | 0.04103 | 0.00046 | 0.29484 | 0.00478 | 0.05211 | 0.00073 | 259 | 3 | 262 | 4 | 290 | 32 | 259 | 3 |
| sam.24 | 0.9630 | 0.0053 | 0.04222 | 0.00047 | 0.29750 | 0.00445 | 0.05110 | 0.00064 | 267 | 3 | 264 | 4 | 245 | 29 | 267 | 3 |
| sam.25 | 0.9902 | 0.0068 | 0.04066 | 0.00046 | 0.28984 | 0.00453 | 0.05169 | 0.00067 | 257 | 3 | 258 | 4 | 272 | 30 | 257 | 3 |
| sam.26 | 1.0993 | 0.0022 | 0.04143 | 0.00047 | 0.28798 | 0.00533 | 0.05042 | 0.00081 | 262 | 3 | 257 | 5 | 214 | 37 | 262 | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sample WC020514-7B | | | | | | | | | | | | | | | | |
| sam.1 | 0.0783 | 0.0008 | 0.04249 | 0.00053 | 0.30778 | 0.00907 | 0.05253 | 0.00147 | 268 | 3 | 272 | 8 | 309 | 64 | 268 | 3 |
| sam.2 | 0.0693 | 0.0002 | 0.04110 | 0.00047 | 0.29081 | 0.00735 | 0.05132 | 0.00119 | 260 | 3 | 259 | 7 | 255 | 53 | 260 | 3 |
| sam.3 | 0.0386 | 0.0007 | 0.04037 | 0.00046 | 0.31669 | 0.00573 | 0.05689 | 0.00087 | 255 | 3 | 279 | 5 | 487 | 34 | 255 | 3 |
| sam.4 | 0.7511 | 0.0024 | 0.03952 | 0.00039 | 0.28326 | 0.00473 | 0.05198 | 0.00079 | 250 | 2 | 253 | 4 | 285 | 35 | 250 | 2 |
| sam.5 | 0.0323 | 0.0005 | 0.03977 | 0.00045 | 0.27646 | 0.00540 | 0.05041 | 0.00090 | 251 | 3 | 248 | 5 | 214 | 41 | 251 | 3 |
| sam.6 | 0.2561 | 0.0080 | 0.03957 | 0.00040 | 0.28151 | 0.00537 | 0.05160 | 0.00093 | 250 | 3 | 252 | 5 | 268 | 41 | 250 | 3 |
| sam.7 | 1.0457 | 0.0084 | 0.04040 | 0.00048 | 0.29172 | 0.00482 | 0.05237 | 0.00067 | 255 | 3 | 260 | 4 | 301 | 29 | 255 | 3 |
| sam.8 | 0.8971 | 0.0091 | 0.04078 | 0.00044 | 0.29600 | 0.00530 | 0.05264 | 0.00082 | 258 | 3 | 263 | 5 | 313 | 35 | 258 | 3 |
| sam.9 | 0.3104 | 0.0030 | 0.04281 | 0.00054 | 0.30692 | 0.00632 | 0.05199 | 0.00087 | 270 | 3 | 272 | 6 | 285 | 38 | 270 | 3 |
| sam.10 | 0.4032 | 0.0136 | 0.04119 | 0.00042 | 0.29849 | 0.00763 | 0.05256 | 0.00132 | 260 | 3 | 265 | 7 | 310 | 57 | 260 | 3 |
| sam.11 | 0.9241 | 0.0283 | 0.03988 | 0.00043 | 0.28270 | 0.00504 | 0.05141 | 0.00080 | 252 | 3 | 253 | 5 | 259 | 36 | 252 | 3 |
| sam.12 | 0.6867 | 0.0113 | 0.04002 | 0.00044 | 0.28034 | 0.00526 | 0.05080 | 0.00084 | 253 | 3 | 251 | 5 | 232 | 38 | 253 | 3 |
| sam.13 | 0.4629 | 0.0026 | 0.04762 | 0.00060 | 0.38222 | 0.01153 | 0.05821 | 0.00152 | 300 | 4 | 329 | 10 | 538 | 57 | 300 | 4 |
| sam.14 | 0.8305 | 0.0082 | 0.04108 | 0.00046 | 0.29440 | 0.00459 | 0.05198 | 0.00074 | 260 | 3 | 262 | 4 | 285 | 33 | 260 | 3 |
| sam.15 | 0.1247 | 0.0009 | 0.04156 | 0.00048 | 0.34665 | 0.01147 | 0.06049 | 0.00169 | 263 | 3 | 302 | 10 | 621 | 60 | 263 | 3 |
| sam.16 | 0.3195 | 0.0055 | 0.04298 | 0.00052 | 0.31582 | 0.00572 | 0.05330 | 0.00087 | 271 | 3 | 279 | 5 | 342 | 37 | 271 | 3 |
| sam.17 | 1.2358 | 0.0321 | 0.03970 | 0.00039 | 0.27903 | 0.00386 | 0.05098 | 0.00062 | 251 | 2 | 250 | 3 | 240 | 28 | 251 | 2 |
| sam.28 | 0.3775 | 0.0081 | 0.04052 | 0.00043 | 0.35827 | 0.00709 | 0.06413 | 0.00105 | 256 | 3 | 311 | 6 | 746 | 35 | 256 | 3 |
| sam.19 | 0.9869 | 0.0131 | 0.03964 | 0.00045 | 0.28969 | 0.00445 | 0.05300 | 0.00065 | 251 | 3 | 258 | 4 | 329 | 28 | 251 | 3 |
| sam.20 | 0.2574 | 0.0028 | 0.03971 | 0.00046 | 0.28203 | 0.00878 | 0.05151 | 0.00147 | 251 | 3 | 252 | 8 | 264 | 65 | 251 | 3 |
| sam.21 | 0.6594 | 0.0051 | 0.03991 | 0.00042 | 0.28591 | 0.00582 | 0.05196 | 0.00099 | 252 | 3 | 255 | 5 | 284 | 44 | 252 | 3 |
| sam.22 | 0.8322 | 0.0110 | 0.03956 | 0.00043 | 0.27883 | 0.00434 | 0.05112 | 0.00068 | 250 | 3 | 250 | 4 | 246 | 31 | 250 | 3 |
| sam.23 | 0.6083 | 0.0014 | 0.04156 | 0.00049 | 0.28927 | 0.00601 | 0.05048 | 0.00088 | 263 | 3 | 258 | 5 | 217 | 40 | 263 | 3 |
| sam.24 | 0.3169 | 0.0025 | 0.03958 | 0.00041 | 0.28362 | 0.00422 | 0.05197 | 0.00067 | 250 | 3 | 254 | 4 | 284 | 29 | 250 | 3 |
| sam.25 | 0.0628 | 0.0002 | 0.04558 | 0.00058 | 0.32612 | 0.01260 | 0.05190 | 0.00176 | 287 | 4 | 287 | 11 | 281 | 78 | 287 | 4 |
| sam.26 | 0.5182 | 0.0070 | 0.04137 | 0.00045 | 0.28962 | 0.00555 | 0.05077 | 0.00092 | 261 | 3 | 258 | 5 | 230 | 42 | 261 | 3 |
| sam.27 | 0.1997 | 0.0072 | 0.04163 | 0.00047 | 0.29803 | 0.00809 | 0.05192 | 0.00134 | 263 | 3 | 265 | 7 | 282 | 59 | 263 | 3 |
| sam.28 | 0.5118 | 0.0263 | 0.07600 | 0.00076 | 0.63512 | 0.00878 | 0.06061 | 0.00074 | 472 | 5 | 499 | 7 | 625 | 26 | 472 | 5 |
| sam.29 | 0.1467 | 0.0013 | 0.04078 | 0.00044 | 0.29555 | 0.00592 | 0.05257 | 0.00096 | 258 | 3 | 263 | 5 | 310 | 42 | 258 | 3 |
| sam.30 | 0.1987 | 0.0065 | 0.04142 | 0.00046 | 0.29801 | 0.00597 | 0.05219 | 0.00093 | 262 | 3 | 265 | 5 | 294 | 41 | 262 | 3 |
| sam.31 | 0.3034 | 0.0023 | 0.04105 | 0.00050 | 0.28726 | 0.01056 | 0.05076 | 0.00169 | 259 | 3 | 256 | 9 | 230 | 77 | 259 | 3 |
| sam.32 | 0.6652 | 0.0021 | 0.03965 | 0.00043 | 0.27829 | 0.00434 | 0.05090 | 0.00070 | 251 | 3 | 249 | 4 | 236 | 32 | 251 | 3 |
| sam.33 | 0.2659 | 0.0021 | 0.04014 | 0.00045 | 0.28479 | 0.00720 | 0.05146 | 0.00117 | 254 | 3 | 254 | 6 | 261 | 52 | 254 | 3 |
| sam.34 | 0.1894 | 0.0042 | 0.04069 | 0.00047 | 0.29071 | 0.00736 | 0.05181 | 0.00124 | 257 | 3 | 259 | 7 | 277 | 55 | 257 | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sample WC020514-5 | | | | | | | | | | | | | | | | |
| sam.01 | 0.2684 | 0.0026 | 0.03991 | 0.00042 | 0.27681 | 0.00758 | 0.05031 | 0.00128 | 252 | 3 | 248 | 7 | 209 | 59 | 252 | 3 |
| sam.02 | 1.2632 | 0.0059 | 0.03908 | 0.00039 | 0.28212 | 0.00464 | 0.05236 | 0.00078 | 247 | 2 | 252 | 4 | 301 | 34 | 247 | 2 |
| sam.03 | 1.1903 | 0.0132 | 0.03976 | 0.00040 | 0.28302 | 0.00402 | 0.05163 | 0.00064 | 251 | 3 | 253 | 4 | 269 | 28 | 251 | 3 |
| sam.04 | 0.7378 | 0.0008 | 0.04004 | 0.00043 | 0.28235 | 0.00409 | 0.05114 | 0.00061 | 253 | 3 | 253 | 4 | 247 | 28 | 253 | 3 |
| sam.05 | 0.7862 | 0.0041 | 0.03997 | 0.00045 | 0.28510 | 0.00418 | 0.05173 | 0.00061 | 253 | 3 | 255 | 4 | 274 | 27 | 253 | 3 |
| sam.06 | 1.0349 | 0.0096 | 0.03891 | 0.00039 | 0.27420 | 0.00410 | 0.05111 | 0.00070 | 246 | 2 | 246 | 4 | 246 | 32 | 246 | 2 |
| sam.07 | 1.2446 | 0.0122 | 0.03879 | 0.00043 | 0.27765 | 0.01828 | 0.05191 | 0.00223 | 245 | 3 | 249 | 16 | 281 | 98 | 245 | 3 |
| sam.08 | 1.2992 | 0.0143 | 0.03952 | 0.00041 | 0.27810 | 0.00558 | 0.05103 | 0.00099 | 250 | 3 | 249 | 5 | 242 | 45 | 250 | 3 |
| sam.09 | 0.7835 | 0.0043 | 0.03992 | 0.00044 | 0.28298 | 0.00466 | 0.05141 | 0.00074 | 252 | 3 | 253 | 4 | 259 | 33 | 252 | 3 |
| sam.10 | 1.0005 | 0.0192 | 0.03883 | 0.00041 | 0.27346 | 0.00457 | 0.05108 | 0.00079 | 246 | 3 | 245 | 4 | 244 | 36 | 246 | 3 |
| sam.11 | 1.3995 | 0.0037 | 0.03858 | 0.00040 | 0.27422 | 0.00421 | 0.05155 | 0.00074 | 244 | 3 | 246 | 4 | 266 | 33 | 244 | 3 |
| sam.12 | 0.5633 | 0.0019 | 0.03699 | 0.00036 | 0.26669 | 0.00625 | 0.05229 | 0.00117 | 234 | 2 | 240 | 6 | 298 | 51 | 234 | 2 |
| sam.13 | 1.1340 | 0.0102 | 0.03923 | 0.00042 | 0.27286 | 0.00398 | 0.05045 | 0.00062 | 248 | 3 | 245 | 4 | 216 | 28 | 248 | 3 |
| sam.14 | 1.0174 | 0.0041 | 0.03933 | 0.00041 | 0.27878 | 0.00427 | 0.05141 | 0.00067 | 249 | 3 | 250 | 4 | 259 | 30 | 249 | 3 |
| sam.15 | 0.6404 | 0.0026 | 0.03953 | 0.00042 | 0.27472 | 0.00398 | 0.05040 | 0.00061 | 250 | 3 | 246 | 4 | 214 | 28 | 250 | 3 |
| sam.16 | 1.3115 | 0.0021 | 0.03819 | 0.00040 | 0.27483 | 0.00429 | 0.05219 | 0.00072 | 242 | 3 | 247 | 4 | 294 | 32 | 242 | 3 |
| sam.17 | 0.9332 | 0.0063 | 0.03782 | 0.00039 | 0.26313 | 0.00372 | 0.05046 | 0.00061 | 239 | 2 | 237 | 3 | 216 | 28 | 239 | 2 |
| sam.18 | 0.7346 | 0.0043 | 0.03973 | 0.00042 | 0.28162 | 0.00411 | 0.05141 | 0.00067 | 251 | 3 | 252 | 4 | 259 | 30 | 251 | 3 |
| sam.19 | 0.9354 | 0.0101 | 0.03906 | 0.00043 | 0.27859 | 0.00471 | 0.05172 | 0.00077 | 247 | 3 | 250 | 4 | 273 | 34 | 247 | 3 |
| sam.20 | 1.1903 | 0.0048 | 0.03849 | 0.00038 | 0.26870 | 0.00402 | 0.05064 | 0.00068 | 243 | 2 | 242 | 4 | 224 | 31 | 243 | 2 |
| sam.21 | 0.2869 | 0.0026 | 0.20986 | 0.00225 | 3.96748 | 0.05694 | 0.13712 | 0.00159 | 1228 | 13 | 1628 | 23 | 2191 | 20 | / | / |
| sam.22 | 0.2571 | 0.0014 | 0.03751 | 0.00037 | 0.26850 | 0.00535 | 0.05191 | 0.00096 | 237 | 2 | 241 | 5 | 282 | 42 | 237 | 2 |
| sam.23 | 0.7627 | 0.0036 | 0.03726 | 0.00037 | 0.26155 | 0.00407 | 0.05091 | 0.00070 | 236 | 2 | 236 | 4 | 237 | 32 | 236 | 2 |
| sam.24 | 0.8322 | 0.0074 | 0.03951 | 0.00043 | 0.28398 | 0.00534 | 0.05213 | 0.00089 | 250 | 3 | 254 | 5 | 291 | 39 | 250 | 3 |
| sam.25 | 1.0213 | 0.0045 | 0.03864 | 0.00039 | 0.27520 | 0.01126 | 0.05165 | 0.00174 | 244 | 2 | 247 | 10 | 270 | 77 | 244 | 2 |
| sam.26 | 0.7428 | 0.0016 | 0.03964 | 0.00042 | 0.28420 | 0.00657 | 0.05199 | 0.00108 | 251 | 3 | 254 | 6 | 285 | 48 | 251 | 3 |
| sam.27 | 0.8705 | 0.0092 | 0.03850 | 0.00039 | 0.27374 | 0.00407 | 0.05157 | 0.00068 | 244 | 2 | 246 | 4 | 266 | 30 | 244 | 2 |
| sam.28 | 0.9486 | 0.0027 | 0.03994 | 0.00042 | 0.27914 | 0.00403 | 0.05069 | 0.00064 | 252 | 3 | 250 | 4 | 227 | 29 | 252 | 3 |
| sam.29 | 1.0715 | 0.0017 | 0.03829 | 0.00040 | 0.26538 | 0.00402 | 0.05027 | 0.00064 | 242 | 3 | 239 | 4 | 208 | 30 | 242 | 3 |
| sam.30 | 0.8626 | 0.0074 | 0.03901 | 0.00043 | 0.27388 | 0.00414 | 0.05091 | 0.00063 | 247 | 3 | 246 | 4 | 237 | 29 | 247 | 3 |
| sam.31 | 1.2504 | 0.0075 | 0.03837 | 0.00040 | 0.26686 | 0.00419 | 0.05045 | 0.00070 | 243 | 3 | 240 | 4 | 216 | 32 | 243 | 3 |
| sam.32 | 1.1209 | 0.0056 | 0.03957 | 0.00045 | 0.28231 | 0.00428 | 0.05175 | 0.00065 | 250 | 3 | 252 | 4 | 274 | 29 | 250 | 3 |
| sam.33 | 0.9778 | 0.0072 | 0.03871 | 0.00042 | 0.27410 | 0.00439 | 0.05135 | 0.00068 | 245 | 3 | 246 | 4 | 257 | 31 | 245 | 3 |
| sam.34 | 1.0212 | 0.0031 | 0.03836 | 0.00040 | 0.26701 | 0.00409 | 0.05048 | 0.00068 | 243 | 3 | 240 | 4 | 217 | 31 | 243 | 3 |
| sam.35 | 0.8938 | 0.0034 | 0.03839 | 0.00041 | 0.27359 | 0.00409 | 0.05169 | 0.00066 | 243 | 3 | 246 | 4 | 272 | 29 | 243 | 3 |
| sam.36 | 0.2550 | 0.0030 | 0.18397 | 0.00236 | 2.56559 | 0.04134 | 0.10115 | 0.00116 | 1089 | 14 | 1291 | 21 | 1645 | 21 | / | / |
| sam.37 | 1.1273 | 0.0017 | 0.03889 | 0.00040 | 0.27036 | 0.00422 | 0.05042 | 0.00068 | 246 | 3 | 243 | 4 | 214 | 31 | 246 | 3 |
| sam.38 | 0.9584 | 0.0095 | 0.04008 | 0.00041 | 0.28078 | 0.00407 | 0.05081 | 0.00064 | 253 | 3 | 251 | 4 | 232 | 29 | 253 | 3 |
| sam.39 | 1.1757 | 0.0096 | 0.04020 | 0.00040 | 0.29014 | 0.00437 | 0.05235 | 0.00071 | 254 | 3 | 259 | 4 | 301 | 31 | 254 | 3 |
| sam.40 | 0.9207 | 0.0104 | 0.04000 | 0.00044 | 0.27540 | 0.00470 | 0.04994 | 0.00073 | 253 | 3 | 247 | 4 | 192 | 34 | 253 | 3 |
| sam.41 | 0.9386 | 0.0023 | 0.03958 | 0.00043 | 0.27603 | 0.00422 | 0.05059 | 0.00064 | 250 | 3 | 248 | 4 | 222 | 29 | 250 | 3 |
| sam.42 | 0.7805 | 0.0062 | 0.03994 | 0.00043 | 0.28475 | 0.00461 | 0.05171 | 0.00072 | 252 | 3 | 254 | 4 | 273 | 32 | 252 | 3 |
| sam.43 | 1.4371 | 0.0089 | 0.03960 | 0.00041 | 0.28297 | 0.00426 | 0.05182 | 0.00067 | 250 | 3 | 253 | 4 | 278 | 30 | 250 | 3 |
| sam.44 | 0.6326 | 0.0009 | 0.03911 | 0.00039 | 0.28198 | 0.00528 | 0.05229 | 0.00089 | 247 | 2 | 252 | 5 | 298 | 39 | 247 | 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sample WC020514-2B | | | | | | | | | | | | | | | | |
| sam.1 | 0.7414 | 0.0425 | 0.03901 | 0.00040 | 0.27886 | 0.00443 | 0.05184 | 0.00073 | 247 | 3 | 250 | 4 | 278 | 32 | 247 | 3 |
| sam.2 | 1.3013 | 0.0488 | 0.03940 | 0.00043 | 0.28348 | 0.00418 | 0.05218 | 0.00067 | 249 | 3 | 253 | 4 | 293 | 29 | 249 | 3 |
| sam.3 | 0.5633 | 0.0063 | 0.03852 | 0.00043 | 0.27343 | 0.00560 | 0.05149 | 0.00096 | 244 | 3 | 245 | 5 | 263 | 43 | 244 | 3 |
| sam.4 | 0.3043 | 0.0019 | 0.03934 | 0.00042 | 0.28421 | 0.00508 | 0.05240 | 0.00084 | 249 | 3 | 254 | 5 | 303 | 36 | 249 | 3 |
| sam.5 | 0.8198 | 0.0450 | 0.03811 | 0.00039 | 0.27336 | 0.00425 | 0.05202 | 0.00071 | 241 | 2 | 245 | 4 | 286 | 31 | 241 | 2 |
| sam.6 | 1.7260 | 0.1174 | 0.03844 | 0.00038 | 0.27308 | 0.00373 | 0.05152 | 0.00060 | 243 | 2 | 245 | 3 | 264 | 27 | 243 | 2 |
| sam.7 | 0.7600 | 0.0176 | 0.03850 | 0.00037 | 0.26744 | 0.00530 | 0.05039 | 0.00095 | 244 | 2 | 241 | 5 | 213 | 43 | 244 | 2 |
| sam.8 | 1.6400 | 0.0104 | 0.03757 | 0.00038 | 0.27239 | 0.00400 | 0.05259 | 0.00072 | 238 | 2 | 245 | 4 | 311 | 31 | 238 | 2 |
| sam.9 | 1.0283 | 0.0101 | 0.03705 | 0.00038 | 0.25924 | 0.00421 | 0.05075 | 0.00073 | 235 | 2 | 234 | 4 | 229 | 33 | 235 | 2 |
| sam.10 | 0.7482 | 0.0056 | 0.03924 | 0.00043 | 0.27884 | 0.00453 | 0.05154 | 0.00071 | 248 | 3 | 250 | 4 | 265 | 32 | 248 | 3 |
| sam.11 | 0.9168 | 0.0028 | 0.03801 | 0.00039 | 0.26778 | 0.00382 | 0.05110 | 0.00063 | 240 | 2 | 241 | 3 | 245 | 29 | 240 | 2 |
| sam.12 | 0.9919 | 0.0232 | 0.03876 | 0.00041 | 0.27545 | 0.00425 | 0.05155 | 0.00068 | 245 | 3 | 247 | 4 | 265 | 30 | 245 | 3 |
| sam.13 | 0.9618 | 0.0112 | 0.03818 | 0.00038 | 0.27341 | 0.00389 | 0.05194 | 0.00064 | 242 | 2 | 245 | 3 | 283 | 28 | 242 | 2 |
| sam.14 | 0.6733 | 0.0160 | 0.03870 | 0.00039 | 0.27627 | 0.00505 | 0.05177 | 0.00086 | 245 | 2 | 248 | 5 | 275 | 38 | 245 | 2 |
| sam.15 | 0.9084 | 0.0075 | 0.03742 | 0.00037 | 0.26968 | 0.00394 | 0.05227 | 0.00068 | 237 | 2 | 242 | 4 | 297 | 30 | 237 | 2 |
| sam.16 | 0.8567 | 0.0029 | 0.03859 | 0.00040 | 0.27683 | 0.00430 | 0.05203 | 0.00071 | 244 | 2 | 248 | 4 | 287 | 31 | 244 | 2 |
| sam.17 | 0.8775 | 0.0080 | 0.03848 | 0.00040 | 0.27763 | 0.00437 | 0.05233 | 0.00072 | 243 | 3 | 249 | 4 | 300 | 31 | 243 | 3 |
| sam.18 | 1.3679 | 0.0132 | 0.03806 | 0.00040 | 0.27229 | 0.00418 | 0.05189 | 0.00068 | 241 | 3 | 245 | 4 | 280 | 30 | 241 | 3 |
| sam.19 | 1.2548 | 0.0248 | 0.03722 | 0.00045 | 0.25840 | 0.00387 | 0.05035 | 0.00065 | 236 | 3 | 233 | 3 | 211 | 30 | 236 | 3 |
| sam.20 | 0.7058 | 0.0049 | 0.03733 | 0.00038 | 0.26748 | 0.00445 | 0.05197 | 0.00079 | 236 | 2 | 241 | 4 | 284 | 35 | 236 | 2 |
| sam.21 | 1.0406 | 0.0125 | 0.03886 | 0.00041 | 0.27618 | 0.00400 | 0.05154 | 0.00065 | 246 | 3 | 248 | 4 | 265 | 29 | 246 | 3 |
| sam.22 | 0.7456 | 0.0030 | 0.03824 | 0.00040 | 0.27647 | 0.00483 | 0.05244 | 0.00084 | 242 | 3 | 248 | 4 | 305 | 36 | 242 | 3 |
| sam.23 | 0.9919 | 0.0234 | 0.03897 | 0.00039 | 0.28195 | 0.00400 | 0.05247 | 0.00066 | 246 | 2 | 252 | 4 | 306 | 29 | 246 | 2 |
| sam.24 | 0.6670 | 0.0030 | 0.03916 | 0.00041 | 0.28116 | 0.00791 | 0.05207 | 0.00132 | 248 | 3 | 252 | 7 | 288 | 58 | 248 | 3 |
| sam.25 | 0.9883 | 0.0180 | 0.03850 | 0.00040 | 0.27501 | 0.00409 | 0.05181 | 0.00064 | 244 | 3 | 247 | 4 | 277 | 28 | 244 | 3 |
| sam.26 | 0.3082 | 0.0027 | 0.03884 | 0.00041 | 0.26879 | 0.00540 | 0.05020 | 0.00092 | 246 | 3 | 242 | 5 | 204 | 43 | 246 | 3 |
| sam.27 | 0.7018 | 0.0017 | 0.03859 | 0.00038 | 0.27269 | 0.00445 | 0.05125 | 0.00075 | 244 | 2 | 245 | 4 | 252 | 34 | 244 | 2 |
| sam.28 | 0.8182 | 0.0102 | 0.03924 | 0.00043 | 0.28315 | 0.00482 | 0.05233 | 0.00076 | 248 | 3 | 253 | 4 | 300 | 33 | 248 | 3 |
| sam.29 | 0.8775 | 0.0105 | 0.03804 | 0.00039 | 0.27083 | 0.00432 | 0.05164 | 0.00075 | 241 | 2 | 243 | 4 | 269 | 33 | 241 | 2 |
| sam.30 | 0.0298 | 0.0004 | 0.03797 | 0.00038 | 0.26565 | 0.01347 | 0.05074 | 0.00192 | 240 | 2 | 239 | 12 | 229 | 88 | 240 | 2 |
| sam.31 | 0.8574 | 0.0165 | 0.03889 | 0.00040 | 0.27557 | 0.00433 | 0.05139 | 0.00073 | 246 | 3 | 247 | 4 | 258 | 32 | 246 | 3 |
| sam.32 | 0.9804 | 0.0085 | 0.03848 | 0.00040 | 0.27504 | 0.00405 | 0.05184 | 0.00066 | 243 | 3 | 247 | 4 | 278 | 29 | 243 | 3 |
| sam.33 | 0.3851 | 0.0045 | 0.03933 | 0.00041 | 0.27582 | 0.00394 | 0.05086 | 0.00061 | 249 | 3 | 247 | 4 | 234 | 28 | 249 | 3 |
| sam.34 | 1.3341 | 0.0078 | 0.03752 | 0.00037 | 0.26385 | 0.00419 | 0.05100 | 0.00072 | 237 | 2 | 238 | 4 | 241 | 33 | 237 | 2 |
| sam.35 | 0.9632 | 0.0168 | 0.03877 | 0.00044 | 0.27805 | 0.00424 | 0.05202 | 0.00066 | 245 | 3 | 249 | 4 | 286 | 29 | 245 | 3 |
| sam.36 | 0.7344 | 0.0062 | 0.03890 | 0.00041 | 0.27967 | 0.00560 | 0.05215 | 0.00098 | 246 | 3 | 250 | 5 | 292 | 43 | 246 | 3 |
| sam.37 | 0.4086 | 0.0050 | 0.03789 | 0.00038 | 0.26527 | 0.00433 | 0.05078 | 0.00073 | 240 | 2 | 239 | 4 | 231 | 33 | 240 | 2 |
| sam.38 | 0.3222 | 0.0031 | 0.03900 | 0.00042 | 0.27229 | 0.00478 | 0.05064 | 0.00079 | 247 | 3 | 245 | 4 | 224 | 36 | 247 | 3 |
| sam.39 | 0.1894 | 0.0042 | 0.04069 | 0.00047 | 0.29071 | 0.00736 | 0.05181 | 0.00124 | 257 | 3 | 259 | 7 | 277 | 55 | 257 | 3 |
| sam.40 | 0.6184 | 0.0105 | 0.03759 | 0.00038 | 0.26861 | 0.00489 | 0.05182 | 0.00086 | 238 | 2 | 242 | 4 | 278 | 38 | 238 | 2 |
| sam.41 | 0.0270 | 0.0002 | 0.03895 | 0.00041 | 0.27301 | 0.00426 | 0.05083 | 0.00069 | 246 | 3 | 245 | 4 | 233 | 32 | 246 | 3 |
| sam.42 | 1.0664 | 0.0137 | 0.03872 | 0.00040 | 0.27480 | 0.00421 | 0.05148 | 0.00065 | 245 | 3 | 247 | 4 | 262 | 29 | 245 | 3 |
| sam.43 | 1.1696 | 0.0284 | 0.03859 | 0.00038 | 0.26813 | 0.00382 | 0.05039 | 0.00063 | 244 | 2 | 241 | 3 | 213 | 29 | 244 | 2 |
| sam.44 | 0.3381 | 0.0024 | 0.03822 | 0.00037 | 0.26528 | 0.00664 | 0.05034 | 0.00121 | 242 | 2 | 239 | 6 | 211 | 56 | 242 | 2 |
| sam.45 | 0.8241 | 0.0376 | 0.03755 | 0.00038 | 0.26463 | 0.00668 | 0.05111 | 0.00121 | 238 | 2 | 238 | 6 | 246 | 54 | 238 | 2 |
| sam.46 | 1.5685 | 0.0125 | 0.03804 | 0.00039 | 0.27017 | 0.00375 | 0.05151 | 0.00062 | 241 | 2 | 243 | 3 | 264 | 27 | 241 | 2 |
| sam.47 | 0.8276 | 0.0044 | 0.03927 | 0.00042 | 0.27720 | 0.00423 | 0.05119 | 0.00068 | 248 | 3 | 248 | 4 | 249 | 31 | 248 | 3 |
| sam.48 | 0.0295 | 0.0004 | 0.03784 | 0.00040 | 0.26379 | 0.00579 | 0.05056 | 0.00100 | 239 | 3 | 238 | 5 | 221 | 46 | 239 | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| sample WC020514-1A | | | | | | | | | | | | | | | | |
| sam.1 | 0.2538 | 0.04 | 0.03543 | 0.00023 | 0.25091 | 0.00485 | 0.05139 | 0.00111 | 224 | 1 | 227 | 4 | 258 | 32 | 224 | 1 |
| sam.2 | 0.5714 | 0.02 | 0.03252 | 0.00048 | 0.24907 | 0.01587 | 0.05557 | 0.00364 | 206 | 3 | 226 | 13 | 435 | 116 | 206 | 3 |
| sam.3 | 0.2857 | 0.03 | 0.0293 | 0.00042 | 0.21898 | 0.01384 | 0.0542 | 0.00351 | 186 | 3 | 201 | 12 | 379 | 150 | 186 | 3 |
| sam.4 | 0.5882 | 0.02 | 0.03268 | 0.00035 | 0.22458 | 0.011 | 0.04987 | 0.00252 | 207 | 2 | 206 | 9 | 189 | 94 | 207 | 2 |
| sam.5 | 0.4545 | 0.02 | 0.03582 | 0.00028 | 0.27819 | 0.0071 | 0.05634 | 0.00155 | 227 | 2 | 249 | 6 | 466 | 43 | 227 | 2 |
| sam.6 | 0.4329 | 0.02 | 0.0443 | 0.00096 | 0.33153 | 0.02907 | 0.0543 | 0.00488 | 279 | 6 | 291 | 22 | 384 | 159 | 279 | 6 |
| sam.7 | 0.5025 | 0.02 | 0.03395 | 0.0003 | 0.25326 | 0.00889 | 0.05412 | 0.00199 | 215 | 2 | 229 | 7 | 376 | 63 | 215 | 2 |
| sam.8 | 0.6061 | 0.02 | 0.03648 | 0.00024 | 0.25625 | 0.00504 | 0.05096 | 0.00112 | 231 | 1 | 232 | 4 | 239 | 33 | 231 | 1 |
| sam.9 | 0.2801 | 0.04 | 0.03654 | 0.00027 | 0.27887 | 0.00668 | 0.05537 | 0.00144 | 231 | 2 | 250 | 5 | 427 | 40 | 231 | 2 |
| sam.10 | 0.5181 | 0.02 | 0.0336 | 0.00022 | 0.24635 | 0.00501 | 0.0532 | 0.0012 | 213 | 1 | 224 | 4 | 337 | 34 | 213 | 1 |
| sam.11 | 0.4630 | 0.02 | 0.03704 | 0.00025 | 0.26767 | 0.00546 | 0.05243 | 0.00118 | 234 | 2 | 241 | 4 | 304 | 34 | 234 | 2 |
| sam.12 | 0.7246 | 0.01 | 0.0376 | 0.00025 | 0.26326 | 0.00522 | 0.05079 | 0.00112 | 238 | 2 | 237 | 4 | 231 | 33 | 238 | 2 |
| sam.13 | 0.6211 | 0.02 | 0.03628 | 0.00036 | 0.24356 | 0.0097 | 0.04871 | 0.00202 | 230 | 2 | 221 | 8 | 134 | 74 | 230 | 2 |
| sam.14 | 0.6024 | 0.02 | 0.04006 | 0.00046 | 0.2942 | 0.0165 | 0.05328 | 0.00306 | 253 | 3 | 262 | 13 | 341 | 107 | 253 | 3 |
| sam.15 | 0.4926 | 0.02 | 0.03876 | 0.00033 | 0.2635 | 0.00941 | 0.04932 | 0.00184 | 245 | 2 | 237 | 8 | 163 | 68 | 245 | 2 |
| sam.16 | 0.2604 | 0.04 | 0.06238 | 0.00076 | 0.5121 | 0.02677 | 0.05954 | 0.0032 | 390 | 5 | 420 | 18 | 587 | 120 | 390 | 5 |
| sam.17 | 0.6098 | 0.02 | 0.03884 | 0.00031 | 0.27752 | 0.00858 | 0.05184 | 0.00169 | 246 | 2 | 249 | 7 | 278 | 56 | 246 | 2 |
| sam.18 | 0.3846 | 0.03 | 0.03477 | 0.00023 | 0.26163 | 0.00502 | 0.05459 | 0.00117 | 220 | 1 | 236 | 4 | 395 | 31 | 220 | 1 |
| sam.19 | 0.2597 | 0.04 | 0.03476 | 0.00031 | 0.25027 | 0.00784 | 0.05223 | 0.00173 | 220 | 2 | 227 | 6 | 295 | 55 | 220 | 2 |
| sam.20 | 0.3968 | 0.03 | 0.03299 | 0.00041 | 0.23485 | 0.01308 | 0.05165 | 0.00296 | 209 | 3 | 214 | 11 | 270 | 105 | 209 | 3 |
| sam.21 | 0.4878 | 0.02 | 0.04 | 0.00032 | 0.29561 | 0.00857 | 0.05362 | 0.00165 | 253 | 2 | 263 | 7 | 355 | 51 | 253 | 2 |
| sam.22 | 0.4630 | 0.02 | 0.03737 | 0.00037 | 0.2624 | 0.01099 | 0.05094 | 0.00221 | 237 | 2 | 237 | 9 | 238 | 79 | 237 | 2 |
| sam.23 | 0.3367 | 0.03 | 0.03637 | 0.00028 | 0.26793 | 0.00762 | 0.05344 | 0.00162 | 230 | 2 | 241 | 6 | 348 | 50 | 230 | 2 |
| sam.24 | 0.3040 | 0.03 | 0.03778 | 0.00026 | 0.26816 | 0.00577 | 0.05149 | 0.00122 | 239 | 2 | 241 | 5 | 263 | 37 | 239 | 2 |
| sam.25 | 0.4762 | 0.02 | 0.03938 | 0.0003 | 0.28719 | 0.00781 | 0.05292 | 0.00154 | 249 | 2 | 256 | 6 | 325 | 48 | 249 | 2 |
| sam.26 | 1.0417 | 0.01 | 0.02084 | 0.00194 | 0.13495 | 0.10203 | 0.04698 | 0.03575 | 133 | 12 | 129 | 91 | 48 | 102 | 133 | 12 |
| sample WC020514-6A | | | | | | | | | | | | | | | | |
| sam.01 | 0.3311 | 0.03 | 0.03613 | 0.00042 | 0.26463 | 0.01425 | 0.05328 | 0.00295 | 229 | 3 | 238 | 11 | 341 | 101 | 229 | 3 |
| sam.02 | 0.3195 | 0.03 | 0.03652 | 0.00042 | 0.2654 | 0.01626 | 0.05287 | 0.00331 | 231 | 3 | 239 | 13 | 323 | 119 | 231 | 3 |
| sam.03 | 0.2915 | 0.03 | 0.03671 | 0.00039 | 0.27419 | 0.01397 | 0.05433 | 0.00284 | 232 | 2 | 246 | 11 | 385 | 96 | 232 | 2 |
| sam.04 | 0.3086 | 0.03 | 0.03744 | 0.00047 | 0.26223 | 0.02164 | 0.05094 | 0.00426 | 237 | 3 | 236 | 17 | 238 | 164 | 237 | 3 |
| sam.05 | 0.3195 | 0.03 | 0.03796 | 0.0004 | 0.29687 | 0.01384 | 0.05689 | 0.00274 | 240 | 2 | 264 | 11 | 487 | 85 | 240 | 2 |
| sam.06 | 0.2874 | 0.03 | 0.03828 | 0.00043 | 0.26577 | 0.01594 | 0.0505 | 0.00309 | 242 | 3 | 239 | 13 | 218 | 117 | 242 | 3 |
| sam.07 | 0.5848 | 0.02 | 0.03198 | 0.00177 | 0.23163 | 0.0897 | 0.05268 | 0.02057 | 203 | 11 | 212 | 74 | 315 | 603 | 203 | 11 |
| sam.08 | 0.3367 | 0.03 | 0.038 | 0.00065 | 0.2797 | 0.02189 | 0.05353 | 0.00428 | 240 | 4 | 250 | 17 | 351 | 147 | 240 | 4 |
| sam.09 | 0.3546 | 0.03 | 0.0379 | 0.00033 | 0.27278 | 0.00937 | 0.05233 | 0.00188 | 240 | 2 | 245 | 7 | 300 | 63 | 240 | 2 |
| sam.10 | 0.3356 | 0.03 | 0.03804 | 0.00032 | 0.2618 | 0.00889 | 0.05005 | 0.00178 | 241 | 2 | 236 | 7 | 197 | 63 | 241 | 2 |
| sam.11 | 0.3390 | 0.03 | 0.04041 | 0.0004 | 0.28669 | 0.01117 | 0.05157 | 0.00209 | 255 | 2 | 256 | 9 | 266 | 71 | 255 | 2 |
| sam.12 | 0.3484 | 0.03 | 0.03762 | 0.00036 | 0.27623 | 0.01125 | 0.05337 | 0.00225 | 238 | 2 | 248 | 9 | 345 | 75 | 238 | 2 |
| sam.13 | 0.4525 | 0.02 | 0.03908 | 0.00042 | 0.27681 | 0.01437 | 0.05147 | 0.00274 | 247 | 3 | 248 | 11 | 262 | 100 | 247 | 3 |
| sam.14 | 0.3817 | 0.03 | 0.03904 | 0.00036 | 0.29347 | 0.01116 | 0.05462 | 0.00216 | 247 | 2 | 261 | 9 | 397 | 69 | 247 | 2 |
| sam.15 | 0.3937 | 0.03 | 0.03821 | 0.00034 | 0.27381 | 0.00958 | 0.05207 | 0.00191 | 242 | 2 | 246 | 8 | 288 | 64 | 242 | 2 |
| sam.16 | 0.3534 | 0.03 | 0.03728 | 0.00039 | 0.28252 | 0.01276 | 0.05506 | 0.00257 | 236 | 2 | 253 | 10 | 415 | 83 | 236 | 2 |
| sam.17 | 0.4525 | 0.02 | 0.03909 | 0.00032 | 0.29241 | 0.00851 | 0.05435 | 0.00168 | 247 | 2 | 260 | 7 | 386 | 51 | 247 | 2 |
| sam.18 | 0.4329 | 0.02 | 0.03733 | 0.00032 | 0.25686 | 0.00909 | 0.04998 | 0.00184 | 236 | 2 | 232 | 7 | 194 | 66 | 236 | 2 |
| sam.19 | 0.3356 | 0.03 | 0.03926 | 0.00033 | 0.26816 | 0.00934 | 0.04961 | 0.0018 | 248 | 2 | 241 | 7 | 177 | 66 | 248 | 2 |
| sam.20 | 0.3788 | 0.03 | 0.03675 | 0.00031 | 0.26822 | 0.00928 | 0.05299 | 0.00192 | 233 | 2 | 241 | 7 | 328 | 63 | 233 | 2 |
| sam.21 | 0.3906 | 0.03 | 0.03585 | 0.00037 | 0.24941 | 0.0122 | 0.05049 | 0.00254 | 227 | 2 | 226 | 10 | 218 | 94 | 227 | 2 |
| sam.22 | 0.3745 | 0.03 | 0.03618 | 0.00031 | 0.25518 | 0.00846 | 0.05119 | 0.00178 | 229 | 2 | 231 | 7 | 249 | 61 | 229 | 2 |
| sam.23 | 0.3279 | 0.03 | 0.03564 | 0.0004 | 0.24773 | 0.01451 | 0.05043 | 0.00302 | 226 | 2 | 225 | 12 | 215 | 114 | 226 | 2 |
| sam.24 | 0.4149 | 0.02 | 0.03765 | 0.0003 | 0.26156 | 0.00796 | 0.05039 | 0.00162 | 238 | 2 | 236 | 6 | 213 | 56 | 238 | 2 |
| sam.25 | 0.3717 | 0.03 | 0.03849 | 0.00033 | 0.25851 | 0.00932 | 0.04871 | 0.00183 | 243 | 2 | 233 | 8 | 134 | 68 | 243 | 2 |
| sam.26 | 0.4115 | 0.02 | 0.03596 | 0.0003 | 0.24367 | 0.00829 | 0.04914 | 0.00175 | 228 | 2 | 221 | 7 | 155 | 64 | 228 | 2 |
| sam.27 | 0.3817 | 0.03 | 0.03645 | 0.00031 | 0.26825 | 0.00896 | 0.05336 | 0.00187 | 231 | 2 | 241 | 7 | 344 | 60 | 231 | 2 |
| sam.28 | 0.4651 | 0.02 | 0.03635 | 0.0003 | 0.25488 | 0.00775 | 0.05083 | 0.00163 | 230 | 2 | 231 | 6 | 233 | 55 | 230 | 2 |
| sam.29 | 0.3425 | 0.03 | 0.03544 | 0.00023 | 0.24027 | 0.00473 | 0.04914 | 0.00107 | 225 | 1 | 219 | 4 | 155 | 34 | 225 | 1 |
| sam.30 | 0.2445 | 0.04 | 0.03676 | 0.00033 | 0.27687 | 0.01 | 0.05458 | 0.00206 | 233 | 2 | 248 | 8 | 395 | 65 | 233 | 2 |
| sample WC020514-6B | | | | | | | | | | | | | | | | |
| sam.01 | 0.4762 | 0.02 | 0.03424 | 0.00022 | 0.23819 | 0.0045 | 0.05046 | 0.00107 | 217 | 1 | 217 | 4 | 216 | 32 | 217 | 1 |
| sam.02 | 0.5525 | 0.02 | 0.03452 | 0.00023 | 0.2429 | 0.00513 | 0.05105 | 0.00119 | 219 | 1 | 221 | 4 | 243 | 36 | 219 | 1 |
| sam.03 | 0.5988 | 0.02 | 0.0336 | 0.00031 | 0.24978 | 0.00832 | 0.05393 | 0.00189 | 213 | 2 | 226 | 7 | 368 | 58 | 213 | 2 |
| sam.04 | 0.5495 | 0.02 | 0.03553 | 0.00026 | 0.2586 | 0.00652 | 0.0528 | 0.00143 | 225 | 2 | 234 | 5 | 320 | 44 | 225 | 2 |
| sam.05 | 0.5263 | 0.02 | 0.03611 | 0.00033 | 0.26142 | 0.01028 | 0.05252 | 0.00215 | 229 | 2 | 236 | 8 | 308 | 73 | 229 | 2 |
| sam.06 | 0.4950 | 0.02 | 0.03638 | 0.00029 | 0.25741 | 0.00732 | 0.05134 | 0.00155 | 230 | 2 | 233 | 6 | 256 | 51 | 230 | 2 |
| sam.07 | 0.4016 | 0.02 | 0.03638 | 0.00026 | 0.24812 | 0.00649 | 0.04948 | 0.00138 | 230 | 2 | 225 | 5 | 171 | 48 | 230 | 2 |
| sam.08 | 0.4808 | 0.02 | 0.03626 | 0.00024 | 0.26885 | 0.00555 | 0.05379 | 0.00123 | 230 | 1 | 242 | 4 | 362 | 35 | 230 | 1 |
| sam.09 | 0.2703 | 0.04 | 0.03556 | 0.0003 | 0.24867 | 0.00844 | 0.05073 | 0.0018 | 225 | 2 | 225 | 7 | 229 | 63 | 225 | 2 |
| sam.10 | 0.8333 | 0.01 | 0.03628 | 0.00025 | 0.2538 | 0.00551 | 0.05075 | 0.00121 | 230 | 2 | 230 | 4 | 229 | 37 | 230 | 2 |
| sam.11 | 0.4630 | 0.02 | 0.03577 | 0.00025 | 0.23551 | 0.00597 | 0.04776 | 0.0013 | 227 | 2 | 215 | 5 | 87 | 47 | 227 | 2 |
| sam.12 | 0.4274 | 0.02 | 0.03518 | 0.00028 | 0.24447 | 0.00756 | 0.05041 | 0.00164 | 223 | 2 | 222 | 6 | 214 | 57 | 223 | 2 |
| sam.13 | 0.4329 | 0.02 | 0.03617 | 0.00029 | 0.26052 | 0.0082 | 0.05225 | 0.00173 | 229 | 2 | 235 | 7 | 296 | 57 | 229 | 2 |
| sam.14 | 0.4049 | 0.02 | 0.03584 | 0.00024 | 0.24954 | 0.0054 | 0.0505 | 0.0012 | 227 | 1 | 226 | 4 | 218 | 38 | 227 | 1 |
| sam.15 | 0.4132 | 0.02 | 0.03646 | 0.00026 | 0.25789 | 0.00601 | 0.05131 | 0.0013 | 231 | 2 | 233 | 5 | 255 | 40 | 231 | 2 |
| sam.16 | 0.4608 | 0.02 | 0.03573 | 0.00025 | 0.25298 | 0.00578 | 0.05137 | 0.00128 | 226 | 2 | 229 | 5 | 257 | 40 | 226 | 2 |
| sam.19 | 1.1236 | 0.01 | 0.03467 | 0.00023 | 0.25261 | 0.00725 | 0.05284 | 0.00156 | 220 | 1 | 229 | 6 | 322 | 68 | 220 | 1 |
| sam.20 | 0.6061 | 0.02 | 0.03498 | 0.00025 | 0.24579 | 0.00589 | 0.05098 | 0.00132 | 222 | 2 | 223 | 5 | 240 | 42 | 222 | 2 |
| sam.21 | 0.7353 | 0.01 | 0.03668 | 0.00024 | 0.26328 | 0.00522 | 0.05207 | 0.00115 | 232 | 1 | 237 | 4 | 288 | 33 | 232 | 1 |
| sam.22 | 0.5102 | 0.02 | 0.03395 | 0.00035 | 0.25117 | 0.00964 | 0.05366 | 0.00216 | 215 | 2 | 228 | 8 | 357 | 68 | 215 | 2 |
| sam.23 | 0.4405 | 0.02 | 0.03629 | 0.00025 | 0.25284 | 0.00551 | 0.05055 | 0.00121 | 230 | 2 | 229 | 4 | 220 | 38 | 230 | 2 |
| sam.24 | 0.4444 | 0.02 | 0.03753 | 0.00028 | 0.26813 | 0.00682 | 0.05183 | 0.00142 | 238 | 2 | 241 | 5 | 278 | 45 | 238 | 2 |
| sam.25 | 0.5291 | 0.02 | 0.03627 | 0.00026 | 0.25205 | 0.00594 | 0.05041 | 0.00129 | 230 | 2 | 228 | 5 | 214 | 41 | 230 | 2 |
| sam.26 | 0.5405 | 0.02 | 0.03501 | 0.00028 | 0.2447 | 0.00741 | 0.0507 | 0.00162 | 222 | 2 | 222 | 6 | 227 | 55 | 222 | 2 |
| sam.25 | 0.3984 | 0.03 | 0.03639 | 0.00028 | 0.26257 | 0.007 | 0.05234 | 0.00149 | 230 | 2 | 237 | 6 | 300 | 47 | 230 | 2 |
| sam.26 | 0.3268 | 0.03 | 0.03694 | 0.00027 | 0.25797 | 0.00632 | 0.05066 | 0.00134 | 234 | 2 | 233 | 5 | 225 | 43 | 234 | 2 |
| sam.27 | 0.4367 | 0.02 | 0.03822 | 0.00028 | 0.28133 | 0.00719 | 0.0534 | 0.00147 | 242 | 2 | 252 | 6 | 346 | 45 | 242 | 2 |
| sam.28 | 0.5025 | 0.02 | 0.03779 | 0.00044 | 0.26687 | 0.01409 | 0.05122 | 0.00278 | 239 | 3 | 240 | 11 | 251 | 101 | 239 | 3 |
| sam.29 | 0.5348 | 0.02 | 0.03694 | 0.00027 | 0.26553 | 0.00698 | 0.05214 | 0.00147 | 234 | 2 | 239 | 6 | 292 | 47 | 234 | 2 |
| sam.30 | 0.6803 | 0.01 | 0.03516 | 0.00024 | 0.25688 | 0.00558 | 0.053 | 0.00126 | 223 | 1 | 232 | 5 | 329 | 37 | 223 | 1 |
| sam.31 | 0.4000 | 0.02 | 0.03723 | 0.00026 | 0.25211 | 0.00579 | 0.04913 | 0.00123 | 236 | 2 | 228 | 5 | 154 | 41 | 236 | 2 |
| sam.32 | 0.3106 | 0.03 | 0.03781 | 0.00033 | 0.27028 | 0.00952 | 0.05185 | 0.00191 | 239 | 2 | 243 | 8 | 279 | 65 | 239 | 2 |
| sam.33 | 0.4348 | 0.02 | 0.03759 | 0.00027 | 0.26305 | 0.00643 | 0.05077 | 0.00134 | 238 | 2 | 237 | 5 | 230 | 43 | 238 | 2 |
| sample WC071815-6 | | | | | | | | | | | | | | | | |
| sam.01 | 0.4104 | 0.0058 | 0.0342 | 0.0004 | 0.2324 | 0.0041 | 0.0493 | 0.0007 | 217 | 3 | 212 | 4 | 164 | 35 | 217 | 3 |
| sam.02 | 0.3560 | 0.0075 | 0.0343 | 0.0004 | 0.2380 | 0.0065 | 0.0503 | 0.0012 | 217 | 3 | 217 | 6 | 210 | 58 | 217 | 3 |
| sam.03 | 0.2985 | 0.0076 | 0.0344 | 0.0005 | 0.2388 | 0.0079 | 0.0504 | 0.0015 | 218 | 3 | 217 | 7 | 212 | 71 | 218 | 3 |
| sam.04 | 0.4854 | 0.0044 | 0.0332 | 0.0004 | 0.2303 | 0.0089 | 0.0503 | 0.0019 | 211 | 2 | 210 | 8 | 209 | 87 | 211 | 2 |
| sam.05 | 1.0670 | 0.0033 | 0.0335 | 0.0004 | 0.2350 | 0.0096 | 0.0509 | 0.0021 | 212 | 2 | 214 | 9 | 236 | 93 | 212 | 2 |
| sam.06 | 0.8473 | 0.0031 | 0.0334 | 0.0004 | 0.2367 | 0.0067 | 0.0514 | 0.0013 | 212 | 3 | 216 | 6 | 261 | 59 | 212 | 3 |
| sam.07 | 0.5149 | 0.0025 | 0.0328 | 0.0004 | 0.2360 | 0.0099 | 0.0521 | 0.0021 | 208 | 2 | 215 | 9 | 291 | 94 | 208 | 2 |
| sam.08 | 0.7305 | 0.0020 | 0.0337 | 0.0004 | 0.2304 | 0.0064 | 0.0496 | 0.0013 | 214 | 3 | 211 | 6 | 176 | 61 | 214 | 3 |
| sam.09 | 0.5388 | 0.0059 | 0.0340 | 0.0004 | 0.2399 | 0.0039 | 0.0512 | 0.0007 | 215 | 3 | 218 | 4 | 252 | 32 | 215 | 3 |
| sam.10 | 0.8331 | 0.0042 | 0.0328 | 0.0004 | 0.2333 | 0.0065 | 0.0516 | 0.0014 | 208 | 2 | 213 | 6 | 267 | 62 | 208 | 2 |
| sam.11 | 0.6497 | 0.0041 | 0.0339 | 0.0004 | 0.2329 | 0.0067 | 0.0499 | 0.0014 | 215 | 3 | 213 | 6 | 189 | 64 | 215 | 3 |
| sam.12 | 0.3372 | 0.0022 | 0.0339 | 0.0004 | 0.2310 | 0.0069 | 0.0494 | 0.0014 | 215 | 2 | 211 | 6 | 167 | 67 | 215 | 2 |
| sam.13 | 0.8806 | 0.0097 | 0.0333 | 0.0004 | 0.2317 | 0.0075 | 0.0505 | 0.0016 | 211 | 2 | 212 | 7 | 216 | 74 | 211 | 2 |
| sam.14 | 0.5162 | 0.0027 | 0.0345 | 0.0004 | 0.2456 | 0.0056 | 0.0517 | 0.0011 | 218 | 2 | 223 | 5 | 272 | 50 | 218 | 2 |
| sam.15 | 0.7282 | 0.0053 | 0.0336 | 0.0004 | 0.2317 | 0.0090 | 0.0501 | 0.0018 | 213 | 2 | 212 | 8 | 199 | 83 | 213 | 2 |
| sam.16 | 0.5875 | 0.0021 | 0.0337 | 0.0004 | 0.2366 | 0.0075 | 0.0509 | 0.0015 | 214 | 3 | 216 | 7 | 236 | 67 | 214 | 3 |
| sam.17 | 0.3169 | 0.0030 | 0.0343 | 0.0004 | 0.2385 | 0.0048 | 0.0504 | 0.0009 | 217 | 3 | 217 | 4 | 216 | 42 | 217 | 3 |
| sam.18 | 0.5508 | 0.0016 | 0.0330 | 0.0004 | 0.2271 | 0.0091 | 0.0500 | 0.0019 | 209 | 2 | 208 | 8 | 193 | 90 | 209 | 2 |
| sam.19 | 0.2983 | 0.0007 | 0.0333 | 0.0004 | 0.2327 | 0.0039 | 0.0507 | 0.0008 | 211 | 2 | 212 | 4 | 228 | 35 | 211 | 2 |
| sam.20 | 0.0628 | 0.0010 | 0.0337 | 0.0004 | 0.2399 | 0.0082 | 0.0517 | 0.0017 | 214 | 2 | 218 | 7 | 271 | 77 | 214 | 2 |
| sam.21 | 0.8075 | 0.0086 | 0.0337 | 0.0004 | 0.2325 | 0.0054 | 0.0500 | 0.0011 | 214 | 3 | 212 | 5 | 197 | 52 | 214 | 3 |
| sam.22 | 0.5762 | 0.0026 | 0.0339 | 0.0004 | 0.2397 | 0.0110 | 0.0513 | 0.0023 | 215 | 2 | 218 | 10 | 256 | 102 | 215 | 2 |
| sam.23 | 0.4845 | 0.0022 | 0.0337 | 0.0004 | 0.2354 | 0.0040 | 0.0507 | 0.0008 | 213 | 2 | 215 | 4 | 228 | 37 | 213 | 2 |
| sam.24 | 0.8095 | 0.0067 | 0.0341 | 0.0004 | 0.2333 | 0.0095 | 0.0496 | 0.0020 | 216 | 2 | 213 | 9 | 178 | 93 | 216 | 2 |
| sam.25 | 0.5257 | 0.0047 | 0.0338 | 0.0004 | 0.2372 | 0.0068 | 0.0508 | 0.0014 | 215 | 2 | 216 | 6 | 233 | 65 | 215 | 2 |
| sam.26 | 0.9342 | 0.0066 | 0.0344 | 0.0004 | 0.2410 | 0.0065 | 0.0508 | 0.0013 | 218 | 2 | 219 | 6 | 234 | 60 | 218 | 2 |
| sam.27 | 0.7269 | 0.0023 | 0.0335 | 0.0004 | 0.2307 | 0.0066 | 0.0499 | 0.0013 | 213 | 2 | 211 | 6 | 191 | 62 | 213 | 2 |
| sample WC020514-12 | | | | | | | | | | | | | | | | |
| sam.01 | 1.8019 | 0.0056 | 0.02983 | 0.00043 | 0.22980 | 0.00371 | 0.05588 | 0.00069 | 189 | 3 | 210 | 3 | 448 | 28 | 189 | 3 |
| sam.02 | 0.9593 | 0.0071 | 0.03096 | 0.00031 | 0.25140 | 0.00397 | 0.05890 | 0.00084 | 197 | 2 | 228 | 4 | 563 | 31 | 197 | 2 |
| sam.03 | 1.3071 | 0.0130 | 0.03104 | 0.00033 | 0.26546 | 0.00373 | 0.06203 | 0.00077 | 197 | 2 | 239 | 3 | 675 | 27 | 197 | 2 |
| sam.04 | 1.5551 | 0.0138 | 0.03027 | 0.00031 | 0.33152 | 0.00483 | 0.07943 | 0.00094 | 192 | 2 | 291 | 4 | 1183 | 23 | 192 | 2 |
| sam.05 | 1.7743 | 0.0341 | 0.03137 | 0.00032 | 0.26652 | 0.00392 | 0.06163 | 0.00083 | 199 | 2 | 240 | 4 | 661 | 29 | 199 | 2 |
| sam.06 | 1.3204 | 0.0125 | 0.03123 | 0.00036 | 0.21853 | 0.00349 | 0.05076 | 0.00072 | 198 | 2 | 201 | 3 | 230 | 33 | 198 | 2 |
| sam.07 | 0.9095 | 0.0172 | 0.03105 | 0.00031 | 0.25670 | 0.00366 | 0.05997 | 0.00073 | 197 | 2 | 232 | 3 | 602 | 26 | 197 | 2 |
| sam.08 | 1.4879 | 0.0066 | 0.03066 | 0.00032 | 0.23964 | 0.00355 | 0.05668 | 0.00072 | 195 | 2 | 218 | 3 | 479 | 28 | 195 | 2 |
| sam.09 | 1.2488 | 0.0190 | 0.02967 | 0.00033 | 0.25931 | 0.00405 | 0.06340 | 0.00085 | 188 | 2 | 234 | 4 | 722 | 29 | 188 | 2 |
| sam.10 | 1.5603 | 0.0677 | 0.02899 | 0.00030 | 0.24997 | 0.00354 | 0.06254 | 0.00084 | 184 | 2 | 227 | 3 | 693 | 29 | 184 | 2 |
| sample WC070514-17 | | | | | | | | | | | | | | | | |
| sam.01 | 0.1225 | 0.08 | 0.1641 | 0.00109 | 1.51563 | 0.02165 | 0.06704 | 0.00113 | 980 | 6 | 937 | 9 | 839 | 19 | 839 | 19 |
| sam.02 | 0.1961 | 0.05 | 0.18592 | 0.00112 | 1.98844 | 0.02328 | 0.07757 | 0.00102 | 1099 | 6 | 1112 | 8 | 1136 | 27 | 1136 | 27 |
| sam.03 | 0.1093 | 0.09 | 0.14613 | 0.00088 | 1.38828 | 0.0151 | 0.06896 | 0.00096 | 879 | 5 | 884 | 6 | 898 | 13 | 898 | 13 |
| sam.04 | 0.0786 | 0.13 | 0.1411 | 0.00079 | 1.32211 | 0.01214 | 0.06796 | 0.00073 | 851 | 4 | 855 | 5 | 867 | 23 | 867 | 23 |
| sam.05 | 0.3175 | 0.03 | 0.16966 | 0.001 | 1.695 | 0.01666 | 0.07252 | 0.00095 | 1010 | 6 | 1007 | 6 | 1001 | 11 | 1001 | 11 |
| sam.06 | 0.0715 | 0.14 | 0.14274 | 0.00084 | 1.35697 | 0.0139 | 0.069 | 0.00093 | 860 | 5 | 871 | 6 | 899 | 12 | 899 | 12 |
| sam.07 | 0.1001 | 0.1 | 0.14904 | 0.00088 | 1.43981 | 0.01414 | 0.07012 | 0.00092 | 896 | 5 | 906 | 6 | 932 | 11 | 932 | 11 |
| sam.08 | 0.2833 | 0.04 | 0.15241 | 0.00095 | 1.44445 | 0.01686 | 0.06879 | 0.00101 | 914 | 5 | 908 | 7 | 892 | 14 | 892 | 14 |
| sam.09 | 0.0677 | 0.15 | 0.15205 | 0.00088 | 1.45248 | 0.01456 | 0.06928 | 0.0008 | 912 | 5 | 911 | 6 | 907 | 24 | 907 | 24 |
| sam.10 | 0.1764 | 0.06 | 0.14047 | 0.0009 | 1.30717 | 0.01965 | 0.06749 | 0.0011 | 847 | 5 | 849 | 9 | 853 | 35 | 853 | 35 |
| sam.11 | 0.3497 | 0.03 | 0.14511 | 0.00087 | 1.37477 | 0.01452 | 0.06876 | 0.00094 | 873 | 5 | 878 | 6 | 892 | 12 | 892 | 12 |
| sam.12 | 0.2882 | 0.03 | 0.14114 | 0.00095 | 1.3531 | 0.02018 | 0.06958 | 0.00121 | 851 | 5 | 869 | 9 | 916 | 20 | 916 | 20 |
| sam.13 | 0.4831 | 0.02 | 0.22236 | 0.00328 | 2.76296 | 0.1019 | 0.09018 | 0.00344 | 1294 | 17 | 1346 | 27 | 1429 | 48 | 1429 | 48 |
| sam.14 | 0.2907 | 0.03 | 0.18766 | 0.00253 | 2.02616 | 0.07544 | 0.07836 | 0.00302 | 1109 | 14 | 1124 | 25 | 1156 | 52 | 1156 | 52 |
| sam.15 | 0.1592 | 0.06 | 0.1818 | 0.00443 | 2.00285 | 0.16067 | 0.0799 | 0.0067 | 1077 | 24 | 1116 | 54 | 1195 | 171 | 1195 | 171 |
| sam.16 | 0.1563 | 0.06 | 0.1552 | 0.00167 | 1.54211 | 0.04776 | 0.07211 | 0.00235 | 930 | 9 | 947 | 19 | 989 | 45 | 989 | 45 |
| sam.17 | 0.0969 | 0.1 | 0.13953 | 0.00136 | 1.31882 | 0.04102 | 0.06859 | 0.00224 | 842 | 8 | 854 | 18 | 886 | 48 | 886 | 48 |
| sam.18 | 0.3774 | 0.03 | 0.15604 | 0.00127 | 1.58831 | 0.03153 | 0.07387 | 0.00162 | 935 | 7 | 966 | 12 | 1038 | 27 | 1038 | 27 |
| sam.19 | 0.2532 | 0.04 | 0.15142 | 0.00154 | 1.44368 | 0.04236 | 0.06919 | 0.00214 | 909 | 9 | 907 | 18 | 904 | 44 | 904 | 44 |
| sam.20 | 0.2058 | 0.05 | 0.14505 | 0.00128 | 1.39343 | 0.03392 | 0.06971 | 0.00182 | 873 | 7 | 886 | 14 | 920 | 35 | 920 | 35 |
| sam.21 | 0.1842 | 0.05 | 0.15667 | 0.00155 | 1.50589 | 0.04462 | 0.06971 | 0.00218 | 938 | 9 | 933 | 18 | 920 | 66 | 920 | 66 |
| sam.22 | 0.1414 | 0.07 | 0.16008 | 0.00113 | 1.56486 | 0.02482 | 0.07093 | 0.00129 | 957 | 6 | 956 | 10 | 955 | 21 | 955 | 21 |
| sam.23 | 0.1134 | 0.09 | 0.16336 | 0.00124 | 1.55004 | 0.02844 | 0.06885 | 0.00141 | 975 | 7 | 951 | 11 | 894 | 25 | 894 | 25 |
| sam.24 | 0.1236 | 0.08 | 0.15795 | 0.00126 | 1.5681 | 0.0314 | 0.07203 | 0.00159 | 945 | 7 | 958 | 12 | 987 | 28 | 987 | 28 |
| sam.25 | 0.1294 | 0.08 | 0.15861 | 0.00119 | 1.54806 | 0.02804 | 0.07082 | 0.00143 | 949 | 7 | 950 | 11 | 952 | 25 | 952 | 25 |
| sam.26 | 0.3135 | 0.03 | 0.17329 | 0.00159 | 1.73639 | 0.04131 | 0.0727 | 0.00186 | 1030 | 9 | 1022 | 15 | 1006 | 33 | 1006 | 33 |
| sam.27 | 0.0890 | 0.11 | 0.15868 | 0.00113 | 1.52643 | 0.02481 | 0.06979 | 0.0013 | 949 | 6 | 941 | 10 | 922 | 22 | 922 | 22 |
| sam.28 | 0.1701 | 0.06 | 0.15692 | 0.0014 | 1.45537 | 0.03932 | 0.06729 | 0.00193 | 940 | 8 | 912 | 16 | 847 | 41 | 847 | 41 |
| sam.29 | 0.1590 | 0.06 | 0.14799 | 0.00135 | 1.4182 | 0.03706 | 0.06952 | 0.00193 | 890 | 8 | 897 | 16 | 914 | 39 | 914 | 39 |
| sam.30 | 0.1453 | 0.07 | 0.15867 | 0.0012 | 1.55799 | 0.03172 | 0.07121 | 0.00155 | 949 | 7 | 954 | 13 | 964 | 45 | 964 | 45 |
| sam.31 | 0.6623 | 0.02 | 0.24204 | 0.00268 | 3.02033 | 0.07803 | 0.09052 | 0.00248 | 1397 | 14 | 1413 | 20 | 1437 | 32 | 1437 | 32 |
| sam.32 | 0.1259 | 0.08 | 0.158 | 0.00118 | 1.56738 | 0.02841 | 0.07196 | 0.00146 | 946 | 7 | 957 | 11 | 985 | 25 | 985 | 25 |
| sam.33 | 0.3534 | 0.03 | 0.15788 | 0.00125 | 1.59331 | 0.03121 | 0.0732 | 0.00158 | 945 | 7 | 968 | 12 | 1019 | 27 | 1019 | 27 |
| sam.35 | 0.1215 | 0.08 | 0.15896 | 0.00115 | 1.50792 | 0.02504 | 0.0688 | 0.0013 | 951 | 6 | 934 | 10 | 893 | 22 | 893 | 22 |
| Triassic Naocangjiangou Formation sample WC100715-2 | | | | | | | | | | | | | | | | |
| sam.01 | 0.1764 | 0.0015 | 0.1595 | 0.0018 | 1.5383 | 0.0212 | 0.0700 | 0.0008 | 954 | 11 | 946 | 13 | 927 | 24 | 927 | 24 |
| sam.02 | 0.5160 | 0.0078 | 0.1562 | 0.0018 | 1.4983 | 0.0211 | 0.0696 | 0.0008 | 936 | 11 | 930 | 13 | 916 | 24 | 916 | 24 |
| sam.03 | 0.1096 | 0.0009 | 0.1558 | 0.0019 | 1.4993 | 0.0222 | 0.0698 | 0.0008 | 933 | 11 | 930 | 14 | 923 | 24 | 923 | 24 |
| sam.04 | 0.2619 | 0.0046 | 0.1558 | 0.0019 | 1.5202 | 0.0221 | 0.0708 | 0.0008 | 933 | 11 | 939 | 14 | 951 | 24 | 951 | 24 |
| sam.05 | 0.1425 | 0.0028 | 0.1476 | 0.0016 | 1.3930 | 0.0190 | 0.0684 | 0.0008 | 888 | 10 | 886 | 12 | 882 | 24 | 882 | 24 |
| sam.06 | 0.2434 | 0.0013 | 0.1478 | 0.0016 | 1.4023 | 0.0187 | 0.0688 | 0.0008 | 889 | 10 | 890 | 12 | 893 | 24 | 893 | 24 |
| sam.07 | 0.0927 | 0.0022 | 0.1559 | 0.0020 | 1.4901 | 0.0223 | 0.0693 | 0.0008 | 934 | 12 | 926 | 14 | 908 | 24 | 908 | 24 |
| sam.08 | 0.5518 | 0.0016 | 0.1237 | 0.0013 | 1.1572 | 0.0157 | 0.0678 | 0.0008 | 752 | 8 | 781 | 11 | 864 | 25 | 864 | 25 |
| sam.09 | 0.4553 | 0.0035 | 0.1467 | 0.0016 | 1.3754 | 0.0188 | 0.0680 | 0.0008 | 882 | 10 | 878 | 12 | 869 | 25 | 869 | 25 |
| sam.10 | 0.1129 | 0.0009 | 0.1552 | 0.0018 | 1.4894 | 0.0213 | 0.0696 | 0.0008 | 930 | 11 | 926 | 13 | 916 | 24 | 916 | 24 |
| sam.11 | 0.1279 | 0.0007 | 0.1557 | 0.0018 | 1.5150 | 0.0225 | 0.0706 | 0.0008 | 933 | 11 | 936 | 14 | 945 | 24 | 945 | 24 |
| sam.12 | 0.2103 | 0.0021 | 0.1576 | 0.0019 | 1.5227 | 0.0224 | 0.0701 | 0.0008 | 943 | 11 | 940 | 14 | 931 | 24 | 931 | 24 |
| sam.13 | 0.1289 | 0.0015 | 0.1556 | 0.0019 | 1.5217 | 0.0231 | 0.0709 | 0.0009 | 932 | 11 | 939 | 14 | 955 | 26 | 955 | 26 |
| sam.14 | 0.3078 | 0.0052 | 0.1550 | 0.0017 | 1.5035 | 0.0208 | 0.0704 | 0.0008 | 929 | 10 | 932 | 13 | 939 | 25 | 939 | 25 |
| sam.15 | 0.5335 | 0.0170 | 0.1542 | 0.0018 | 1.4959 | 0.0241 | 0.0703 | 0.0010 | 925 | 11 | 929 | 15 | 938 | 29 | 938 | 29 |
| sam.16 | 0.1455 | 0.0010 | 0.1375 | 0.0015 | 1.3318 | 0.0181 | 0.0702 | 0.0008 | 831 | 9 | 860 | 12 | 935 | 24 | 935 | 24 |
| sam.17 | 0.2229 | 0.0014 | 0.1541 | 0.0017 | 1.4994 | 0.0208 | 0.0706 | 0.0008 | 924 | 10 | 930 | 13 | 945 | 25 | 945 | 25 |
| sam.18 | 0.0954 | 0.0036 | 0.1570 | 0.0018 | 1.5277 | 0.0214 | 0.0706 | 0.0008 | 940 | 11 | 942 | 13 | 946 | 24 | 946 | 24 |
| sam.19 | 0.2088 | 0.0009 | 0.1556 | 0.0018 | 1.5138 | 0.0214 | 0.0706 | 0.0008 | 932 | 11 | 936 | 13 | 945 | 25 | 945 | 25 |
| sam.20 | 0.1635 | 0.0040 | 0.1604 | 0.0017 | 1.5610 | 0.0210 | 0.0706 | 0.0008 | 959 | 10 | 955 | 13 | 945 | 24 | 945 | 24 |
| sam.21 | 0.2277 | 0.0054 | 0.2298 | 0.0030 | 3.6514 | 0.0654 | 0.1152 | 0.0014 | 1334 | 18 | 1561 | 28 | 1883 | 22 | / | / |
| sam.22 | 0.1810 | 0.0022 | 0.1588 | 0.0018 | 1.5493 | 0.0225 | 0.0708 | 0.0009 | 950 | 11 | 950 | 14 | 950 | 25 | 950 | 25 |
| sam.23 | 0.1362 | 0.0017 | 0.1467 | 0.0017 | 1.4465 | 0.0208 | 0.0715 | 0.0008 | 882 | 11 | 908 | 13 | 972 | 24 | 972 | 24 |
| sam.24 | 0.3008 | 0.0034 | 0.1554 | 0.0017 | 1.5018 | 0.0214 | 0.0701 | 0.0009 | 931 | 10 | 931 | 13 | 931 | 25 | 931 | 25 |
| sam.25 | 0.0767 | 0.0005 | 0.0978 | 0.0014 | 0.9739 | 0.0159 | 0.0723 | 0.0009 | 601 | 9 | 690 | 11 | 993 | 24 | 993 | 24 |
| sam.26 | 0.1176 | 0.0012 | 0.1553 | 0.0017 | 1.5119 | 0.0209 | 0.0706 | 0.0008 | 930 | 10 | 935 | 13 | 947 | 24 | 947 | 24 |
| sam.27 | 0.1216 | 0.0008 | 0.1560 | 0.0018 | 1.5059 | 0.0213 | 0.0700 | 0.0008 | 934 | 11 | 933 | 13 | 929 | 24 | 929 | 24 |
| sam.28 | 0.1651 | 0.0007 | 0.1698 | 0.0019 | 1.7948 | 0.0261 | 0.0767 | 0.0009 | 1011 | 12 | 1044 | 15 | 1113 | 24 | 1113 | 24 |
| sample WC071015-1A | | | | | | | | | | | | | | | | |
| sam.01 | 0.3356 | 0.0020 | 0.0809 | 0.0009 | 0.6387 | 0.0119 | 0.0572 | 0.0010 | 502 | 6 | 501 | 9 | 500 | 37 | 502 | 6 |
| sam.02 | 0.4342 | 0.0041 | 0.0919 | 0.0012 | 0.7470 | 0.0160 | 0.0590 | 0.0011 | 567 | 8 | 566 | 12 | 566 | 40 | 567 | 8 |
| sam.03 | 0.8005 | 0.0070 | 0.0797 | 0.0009 | 0.6257 | 0.0122 | 0.0570 | 0.0010 | 494 | 6 | 493 | 10 | 490 | 39 | 494 | 6 |
| sam.04 | 0.6065 | 0.0044 | 0.0795 | 0.0009 | 0.6286 | 0.0206 | 0.0574 | 0.0019 | 493 | 5 | 495 | 16 | 506 | 71 | 493 | 5 |
| sam.05 | 0.4059 | 0.0065 | 0.0960 | 0.0012 | 0.7905 | 0.0194 | 0.0597 | 0.0013 | 591 | 7 | 591 | 15 | 593 | 48 | 591 | 7 |
| sam.06 | 0.4955 | 0.0076 | 0.2336 | 0.0029 | 4.7999 | 0.0990 | 0.1490 | 0.0025 | 1353 | 17 | 1785 | 37 | 2335 | 29 | 2335 | 29 |
| sam.07 | 0.1227 | 0.0010 | 0.2426 | 0.0030 | 3.1090 | 0.0601 | 0.0930 | 0.0015 | 1400 | 17 | 1435 | 28 | 1487 | 31 | 1487 | 31 |
| sam.08 | 0.2896 | 0.0073 | 0.0619 | 0.0009 | 0.4740 | 0.0131 | 0.0555 | 0.0014 | 387 | 6 | 394 | 11 | 432 | 55 | 387 | 6 |
| sam.09 | 0.3991 | 0.0006 | 0.0795 | 0.0009 | 0.6265 | 0.0184 | 0.0572 | 0.0016 | 493 | 6 | 494 | 15 | 499 | 61 | 493 | 6 |
| sam.10 | 0.3834 | 0.0019 | 0.1160 | 0.0013 | 1.0089 | 0.0195 | 0.0631 | 0.0011 | 708 | 8 | 708 | 14 | 710 | 37 | 708 | 8 |
| sam.11 | 0.6387 | 0.0021 | 0.0891 | 0.0011 | 0.7345 | 0.0154 | 0.0598 | 0.0011 | 550 | 7 | 559 | 12 | 595 | 39 | 550 | 7 |
| sam.12 | 0.6518 | 0.0066 | 0.0793 | 0.0008 | 0.6315 | 0.0136 | 0.0578 | 0.0012 | 492 | 5 | 497 | 11 | 521 | 44 | 492 | 5 |
| sam.13 | 0.3856 | 0.0005 | 0.0755 | 0.0008 | 0.5982 | 0.0147 | 0.0574 | 0.0013 | 469 | 5 | 476 | 12 | 508 | 52 | 469 | 5 |
| sam.14 | 0.7887 | 0.0087 | 0.0799 | 0.0009 | 0.6410 | 0.0138 | 0.0582 | 0.0012 | 495 | 5 | 503 | 11 | 538 | 44 | 495 | 5 |
| sam.15 | 0.5134 | 0.0118 | 0.0713 | 0.0008 | 0.5547 | 0.0154 | 0.0564 | 0.0015 | 444 | 5 | 448 | 12 | 468 | 58 | 444 | 5 |
| sam.16 | 0.4280 | 0.0019 | 0.0719 | 0.0008 | 0.5600 | 0.0154 | 0.0565 | 0.0015 | 448 | 5 | 452 | 12 | 471 | 58 | 448 | 5 |
| sam.17 | 0.3627 | 0.0067 | 0.0794 | 0.0009 | 0.6239 | 0.0118 | 0.0570 | 0.0010 | 493 | 5 | 492 | 9 | 491 | 38 | 493 | 5 |
| sam.18 | 0.4451 | 0.0021 | 0.0722 | 0.0008 | 0.5710 | 0.0157 | 0.0574 | 0.0015 | 449 | 5 | 459 | 13 | 507 | 57 | 449 | 5 |
| sam.19 | 0.3002 | 0.0049 | 0.0605 | 0.0009 | 0.4615 | 0.0090 | 0.0553 | 0.0011 | 379 | 6 | 385 | 7 | 426 | 45 | 379 | 6 |
| sam.20 | 0.4695 | 0.0021 | 0.0583 | 0.0007 | 0.4352 | 0.0080 | 0.0541 | 0.0009 | 365 | 4 | 367 | 7 | 375 | 39 | 365 | 4 |
| sam.21 | 0.4162 | 0.0022 | 0.0801 | 0.0009 | 0.6336 | 0.0156 | 0.0574 | 0.0013 | 497 | 6 | 498 | 12 | 505 | 50 | 497 | 6 |
| sam.22 | 0.3475 | 0.0020 | 0.0783 | 0.0009 | 0.6212 | 0.0157 | 0.0575 | 0.0014 | 486 | 5 | 491 | 12 | 512 | 52 | 486 | 5 |
| sam.23 | 0.5134 | 0.0028 | 0.1492 | 0.0017 | 1.4235 | 0.0269 | 0.0692 | 0.0012 | 896 | 10 | 899 | 17 | 905 | 35 | 905 | 35 |
| sam.24 | 0.4090 | 0.0059 | 0.0723 | 0.0008 | 0.5679 | 0.0115 | 0.0570 | 0.0010 | 450 | 5 | 457 | 9 | 492 | 40 | 450 | 5 |
| sam.25 | 0.2988 | 0.0024 | 0.0803 | 0.0009 | 0.6348 | 0.0123 | 0.0573 | 0.0010 | 498 | 6 | 499 | 10 | 504 | 38 | 498 | 6 |
| sam.26 | 0.5268 | 0.0029 | 0.0779 | 0.0008 | 0.6222 | 0.0166 | 0.0579 | 0.0014 | 484 | 5 | 491 | 13 | 526 | 54 | 484 | 5 |
| sam.27 | 0.4599 | 0.0041 | 0.0806 | 0.0009 | 0.6462 | 0.0135 | 0.0582 | 0.0011 | 499 | 6 | 506 | 11 | 536 | 40 | 499 | 6 |
| sample WC070514-1 | | | | | | | | | | | | | | | | |
| sam.01 | 0.5618 | 0.02 | 0.07143 | 0.00083 | 0.55639 | 0.02562 | 0.05652 | 0.00268 | 445 | 5 | 449 | 17 | 473 | 81 | 445 | 5 |
| sam.02 | 0.5714 | 0.02 | 0.07125 | 0.00136 | 0.57713 | 0.04493 | 0.05878 | 0.00467 | 444 | 8 | 463 | 29 | 559 | 137 | 444 | 8 |
| sam.03 | 0.8065 | 0.01 | 0.07273 | 0.00058 | 0.55135 | 0.01479 | 0.05501 | 0.00157 | 453 | 3 | 446 | 10 | 413 | 46 | 453 | 3 |
| sam.04 | 0.6135 | 0.02 | 0.07004 | 0.0007 | 0.56886 | 0.02033 | 0.05894 | 0.0022 | 436 | 4 | 457 | 13 | 565 | 60 | 436 | 4 |
| sam.05 | 0.5882 | 0.02 | 0.07066 | 0.00087 | 0.54519 | 0.02549 | 0.056 | 0.0027 | 440 | 5 | 442 | 17 | 452 | 82 | 440 | 5 |
| sam.06 | 0.7042 | 0.01 | 0.07087 | 0.00055 | 0.53238 | 0.01334 | 0.05452 | 0.00146 | 441 | 3 | 433 | 9 | 393 | 42 | 441 | 3 |
| sam.07 | 0.6944 | 0.01 | 0.07044 | 0.00068 | 0.53612 | 0.01869 | 0.05524 | 0.00201 | 439 | 4 | 436 | 12 | 422 | 61 | 439 | 4 |
| sam.08 | 0.5917 | 0.02 | 0.07101 | 0.00082 | 0.5645 | 0.02445 | 0.05769 | 0.00259 | 442 | 5 | 454 | 16 | 518 | 75 | 442 | 5 |
| sam.09 | 0.5814 | 0.02 | 0.06978 | 0.00093 | 0.53284 | 0.02991 | 0.05542 | 0.00319 | 435 | 6 | 434 | 20 | 429 | 102 | 435 | 6 |
| sam.10 | 0.7407 | 0.01 | 0.07077 | 0.00063 | 0.56522 | 0.01705 | 0.05796 | 0.00185 | 441 | 4 | 455 | 11 | 528 | 50 | 441 | 4 |
| sam.11 | 0.6452 | 0.02 | 0.07108 | 0.00071 | 0.56459 | 0.02097 | 0.05765 | 0.00223 | 443 | 4 | 455 | 14 | 516 | 64 | 443 | 4 |
| sam.12 | 0.6623 | 0.02 | 0.07073 | 0.00057 | 0.57243 | 0.01447 | 0.05874 | 0.00159 | 441 | 3 | 460 | 9 | 557 | 41 | 441 | 3 |
| sam.13 | 0.6944 | 0.01 | 0.07321 | 0.00068 | 0.5684 | 0.02044 | 0.05635 | 0.00211 | 455 | 4 | 457 | 13 | 466 | 63 | 455 | 4 |
| sam.14 | 0.8403 | 0.01 | 0.07456 | 0.00121 | 0.59682 | 0.04653 | 0.0581 | 0.00461 | 464 | 7 | 475 | 30 | 534 | 144 | 464 | 7 |
| sam.15 | 0.5780 | 0.02 | 0.07034 | 0.00072 | 0.58384 | 0.02162 | 0.06025 | 0.00233 | 438 | 4 | 467 | 14 | 613 | 62 | 438 | 4 |
| sam.16 | 0.7407 | 0.01 | 0.07217 | 0.00118 | 0.49844 | 0.04024 | 0.05013 | 0.00411 | 449 | 7 | 411 | 27 | 201 | 152 | 449 | 7 |
| sam.17 | 0.6410 | 0.02 | 0.07207 | 0.00078 | 0.51684 | 0.02375 | 0.05205 | 0.00246 | 449 | 5 | 423 | 16 | 288 | 86 | 449 | 5 |
| sam.18 | 0.5650 | 0.02 | 0.07216 | 0.00097 | 0.51522 | 0.03374 | 0.05183 | 0.00346 | 449 | 6 | 422 | 23 | 278 | 126 | 449 | 6 |
| sam.19 | 0.6579 | 0.02 | 0.07625 | 0.00111 | 0.60187 | 0.04148 | 0.0573 | 0.00402 | 474 | 7 | 478 | 26 | 503 | 127 | 474 | 7 |
| sam.20 | 0.7143 | 0.01 | 0.0804 | 0.00076 | 0.63093 | 0.0218 | 0.05696 | 0.00205 | 499 | 5 | 497 | 14 | 490 | 60 | 499 | 5 |
| sam.21 | 0.6667 | 0.02 | 0.07809 | 0.00094 | 0.61499 | 0.0318 | 0.05717 | 0.00303 | 485 | 6 | 487 | 20 | 498 | 93 | 485 | 6 |
| sam.22 | 0.6944 | 0.01 | 0.07069 | 0.00085 | 0.59572 | 0.03114 | 0.06117 | 0.00328 | 440 | 5 | 475 | 20 | 645 | 92 | 440 | 5 |
| sam.23 | 0.7937 | 0.01 | 0.08174 | 0.00091 | 0.65283 | 0.02726 | 0.05797 | 0.00251 | 507 | 5 | 510 | 17 | 529 | 72 | 507 | 5 |
| sam.24 | 0.8130 | 0.01 | 0.07154 | 0.00056 | 0.56494 | 0.015 | 0.05733 | 0.00162 | 445 | 3 | 455 | 10 | 504 | 45 | 445 | 3 |
| sam.25 | 0.8621 | 0.01 | 0.07165 | 0.00059 | 0.56598 | 0.01522 | 0.05734 | 0.00164 | 446 | 4 | 455 | 10 | 505 | 45 | 446 | 4 |
| sam.26 | 0.7194 | 0.01 | 0.08408 | 0.00233 | 0.67133 | 0.12066 | 0.05796 | 0.0105 | 520 | 14 | 522 | 73 | 528 | 350 | 520 | 14 |
| sam.27 | 0.8264 | 0.01 | 0.0793 | 0.0011 | 0.63633 | 0.03133 | 0.05825 | 0.00296 | 492 | 7 | 500 | 19 | 539 | 83 | 492 | 7 |
| sam.28 | 0.8929 | 0.01 | 0.07418 | 0.00083 | 0.57891 | 0.02392 | 0.05665 | 0.00243 | 461 | 5 | 464 | 15 | 478 | 72 | 461 | 5 |
| sam.29 | 0.6803 | 0.01 | 0.07276 | 0.00064 | 0.5698 | 0.01756 | 0.05685 | 0.00184 | 453 | 4 | 458 | 11 | 486 | 52 | 453 | 4 |
| sam.30 | 0.6757 | 0.01 | 0.06577 | 0.00047 | 0.49813 | 0.01043 | 0.05498 | 0.00126 | 411 | 3 | 410 | 7 | 411 | 34 | 411 | 3 |
| sam.31 | 1.2195 | 0.01 | 0.06722 | 0.00041 | 0.52495 | 0.00694 | 0.05669 | 0.0009 | 419 | 2 | 428 | 5 | 479 | 18 | 419 | 2 |
| sam.32 | 0.6897 | 0.01 | 0.06628 | 0.00052 | 0.51162 | 0.03034 | 0.05598 | 0.00335 | 414 | 3 | 420 | 20 | 452 | 137 | 414 | 3 |
| sam.33 | 0.6329 | 0.02 | 0.06779 | 0.00042 | 0.521 | 0.00723 | 0.05579 | 0.00092 | 423 | 3 | 426 | 5 | 444 | 20 | 423 | 3 |
| sam.34 | 0.6849 | 0.01 | 0.06916 | 0.00045 | 0.53136 | 0.00865 | 0.05577 | 0.00104 | 431 | 3 | 433 | 6 | 443 | 25 | 431 | 3 |
| sample WC070514-20A | | | | | | | | | | | | | | | | |
| sam.01 | 0.7554 | 0.0036 | 0.0697 | 0.0009 | 0.5463 | 0.0087 | 0.0568 | 0.0008 | 435 | 5 | 443 | 7 | 484 | 29 | 435 | 5 |
| sam.02 | 0.6767 | 0.0099 | 0.0715 | 0.0009 | 0.5395 | 0.0085 | 0.0548 | 0.0007 | 445 | 5 | 438 | 7 | 402 | 31 | 445 | 5 |
| sam.03 | 0.0884 | 0.0006 | 0.0686 | 0.0008 | 0.5269 | 0.0081 | 0.0557 | 0.0007 | 428 | 5 | 430 | 7 | 439 | 28 | 428 | 5 |
| sam.04 | 0.0942 | 0.0003 | 0.0704 | 0.0009 | 0.5453 | 0.0082 | 0.0562 | 0.0007 | 438 | 5 | 442 | 7 | 460 | 28 | 438 | 5 |
| sam.05 | 0.0891 | 0.0006 | 0.0683 | 0.0008 | 0.5303 | 0.0087 | 0.0563 | 0.0008 | 426 | 5 | 432 | 7 | 464 | 32 | 426 | 5 |
| sam.06 | 0.0188 | 0.0000 | 0.0732 | 0.0009 | 0.6620 | 0.0121 | 0.0656 | 0.0009 | 455 | 6 | 516 | 9 | 795 | 29 | / | / |
| sam.07 | 0.0169 | 0.0003 | 0.0723 | 0.0008 | 0.5584 | 0.0083 | 0.0560 | 0.0007 | 450 | 5 | 451 | 7 | 452 | 29 | 450 | 5 |
| sam.08 | 0.1038 | 0.0017 | 0.0845 | 0.0012 | 0.8328 | 0.0149 | 0.0715 | 0.0009 | 523 | 7 | 615 | 11 | 972 | 26 | / | / |
| sam.09 | 0.0680 | 0.0003 | 0.0863 | 0.0010 | 0.9494 | 0.0159 | 0.0798 | 0.0012 | 534 | 6 | 678 | 11 | 1192 | 29 | / | / |
| sam.10 | 0.3197 | 0.0073 | 0.1069 | 0.0013 | 1.1266 | 0.0173 | 0.0764 | 0.0010 | 655 | 8 | 766 | 12 | 1107 | 25 | / | / |
| sam.11 | 0.2302 | 0.0011 | 0.0904 | 0.0010 | 0.9984 | 0.0145 | 0.0801 | 0.0011 | 558 | 6 | 703 | 10 | 1199 | 26 | / | / |
| sam.12 | 0.0725 | 0.0006 | 0.0725 | 0.0009 | 0.5599 | 0.0091 | 0.0560 | 0.0008 | 451 | 6 | 451 | 7 | 451 | 30 | 451 | 6 |
| sam.13 | 0.3989 | 0.0037 | 0.0718 | 0.0009 | 0.5663 | 0.0085 | 0.0572 | 0.0007 | 447 | 5 | 456 | 7 | 500 | 27 | 447 | 5 |
| sam.14 | 0.4505 | 0.0033 | 0.1957 | 0.0027 | 3.0613 | 0.0514 | 0.1135 | 0.0014 | 1152 | 16 | 1423 | 24 | 1856 | 22 | / | / |
| sam.15 | 0.5038 | 0.0067 | 0.1327 | 0.0019 | 1.3472 | 0.0237 | 0.0736 | 0.0009 | 803 | 11 | 866 | 15 | 1032 | 25 | 803 | 11 |
| sam.16 | 0.3455 | 0.0079 | 0.1365 | 0.0018 | 1.4347 | 0.0220 | 0.0762 | 0.0009 | 825 | 11 | 904 | 14 | 1101 | 24 | 825 | 11 |
| sam.17 | 0.0094 | 0.0001 | 0.0690 | 0.0008 | 0.5316 | 0.0079 | 0.0558 | 0.0007 | 430 | 5 | 433 | 6 | 446 | 28 | 430 | 5 |
| sam.18 | 0.0139 | 0.0001 | 0.0687 | 0.0008 | 0.5315 | 0.0080 | 0.0561 | 0.0007 | 428 | 5 | 433 | 7 | 456 | 29 | 428 | 5 |
| sam.19 | 0.0994 | 0.0023 | 0.0836 | 0.0011 | 0.7179 | 0.0108 | 0.0623 | 0.0007 | 517 | 7 | 549 | 8 | 685 | 25 | 517 | 7 |
| sam.20 | 0.1546 | 0.0009 | 0.2229 | 0.0032 | 3.1698 | 0.0521 | 0.1031 | 0.0012 | 1297 | 19 | 1450 | 24 | 1682 | 21 | / | / |
| sam.21 | 0.1001 | 0.0014 | 0.0723 | 0.0009 | 0.5496 | 0.0086 | 0.0551 | 0.0007 | 450 | 5 | 445 | 7 | 418 | 30 | 450 | 5 |
| sam.22 | 0.6711 | 0.0026 | 0.1400 | 0.0017 | 1.4113 | 0.0204 | 0.0731 | 0.0009 | 845 | 10 | 894 | 13 | 1017 | 24 | 845 | 10 |
| sam.23 | 0.0129 | 0.0001 | 0.0738 | 0.0009 | 0.5700 | 0.0080 | 0.0560 | 0.0007 | 459 | 5 | 458 | 6 | 452 | 28 | 459 | 5 |
| sam.24 | 0.0525 | 0.0021 | 0.0710 | 0.0009 | 0.5443 | 0.0082 | 0.0556 | 0.0007 | 442 | 5 | 441 | 7 | 436 | 28 | 442 | 5 |
| sam.25 | 0.0170 | 0.0001 | 0.0704 | 0.0008 | 0.5347 | 0.0081 | 0.0551 | 0.0007 | 438 | 5 | 435 | 7 | 416 | 29 | 438 | 5 |
| sam.26 | 0.9911 | 0.0043 | 0.1151 | 0.0014 | 1.1920 | 0.0200 | 0.0751 | 0.0012 | 702 | 8 | 797 | 13 | 1072 | 32 | / | / |
| sam.27 | 0.0222 | 0.0002 | 0.0707 | 0.0009 | 0.5463 | 0.0085 | 0.0560 | 0.0007 | 440 | 5 | 443 | 7 | 453 | 29 | 440 | 5 |
| sam.28 | 0.1248 | 0.0013 | 0.0696 | 0.0008 | 0.5320 | 0.0083 | 0.0555 | 0.0007 | 434 | 5 | 433 | 7 | 431 | 30 | 434 | 5 |
| sam.29 | 0.0926 | 0.0003 | 0.0750 | 0.0009 | 0.6516 | 0.0102 | 0.0630 | 0.0008 | 466 | 5 | 509 | 8 | 708 | 28 | 466 | 5 |
| sam.30 | 0.0789 | 0.0009 | 0.0646 | 0.0007 | 0.5138 | 0.0085 | 0.0577 | 0.0009 | 404 | 5 | 421 | 7 | 517 | 33 | 404 | 5 |
| sample WC070514-20B | | | | | | | | | | | | | | | | |
| sam.01 | 0.4230 | 0.0046 | 0.05792 | 0.00065 | 0.46363 | 0.00713 | 0.05805 | 0.00077 | 363 | 4 | 387 | 6 | 532 | 29 | 363 | 4 |
| sam.02 | 1.0366 | 0.0061 | 0.04988 | 0.00055 | 0.48831 | 0.00706 | 0.07100 | 0.00090 | 314 | 3 | 404 | 6 | 957 | 26 | / | / |
| sam.03 | 1.5743 | 0.0208 | 0.06726 | 0.00079 | 0.51583 | 0.00898 | 0.05562 | 0.00073 | 420 | 5 | 422 | 7 | 437 | 29 | 420 | 5 |
| sam.04 | 1.0135 | 0.0106 | 0.06464 | 0.00068 | 0.49557 | 0.00727 | 0.05561 | 0.00069 | 404 | 4 | 409 | 6 | 437 | 28 | 404 | 4 |
| sam.05 | 2.2221 | 0.0292 | 0.06346 | 0.00064 | 0.48506 | 0.00912 | 0.05544 | 0.00096 | 397 | 4 | 402 | 8 | 430 | 39 | 397 | 4 |
| sam.06 | 1.2482 | 0.0118 | 0.05909 | 0.00061 | 0.60682 | 0.01070 | 0.07448 | 0.00116 | 370 | 4 | 482 | 8 | 1054 | 31 | 370 | 4 |
| sam.07 | 1.8210 | 0.0215 | 0.06400 | 0.00069 | 0.48181 | 0.01020 | 0.05460 | 0.00104 | 400 | 4 | 399 | 8 | 396 | 43 | 400 | 4 |
| sam.08 | 0.6627 | 0.0044 | 0.15924 | 0.00176 | 1.55000 | 0.02280 | 0.07060 | 0.00092 | 953 | 11 | 950 | 14 | 946 | 27 | 946 | 27 |
| sam.09 | 0.5917 | 0.0071 | 0.15190 | 0.00171 | 1.45230 | 0.02129 | 0.06934 | 0.00083 | 912 | 10 | 911 | 13 | 909 | 25 | 909 | 25 |
| sam.10 | 2.8894 | 0.0255 | 0.06785 | 0.00074 | 0.50928 | 0.01037 | 0.05444 | 0.00104 | 423 | 5 | 418 | 9 | 389 | 43 | 423 | 5 |
| sam.11 | 0.9574 | 0.0115 | 0.05889 | 0.00067 | 0.57543 | 0.01362 | 0.07087 | 0.00138 | 369 | 4 | 462 | 11 | 954 | 40 | / | / |
| sam.12 | 2.1978 | 0.0284 | 0.06373 | 0.00066 | 0.48020 | 0.01254 | 0.05465 | 0.00121 | 398 | 4 | 398 | 10 | 398 | 50 | 398 | 4 |
| sam.13 | 0.8402 | 0.0066 | 0.07083 | 0.00075 | 0.64214 | 0.01197 | 0.06576 | 0.00112 | 441 | 5 | 504 | 9 | 799 | 36 | 441 | 5 |
| sam.14 | 0.9756 | 0.0272 | 0.07826 | 0.00088 | 0.60436 | 0.00922 | 0.05601 | 0.00071 | 486 | 5 | 480 | 7 | 453 | 28 | 486 | 5 |
| sam.15 | 0.9471 | 0.0119 | 0.06271 | 0.00063 | 0.66528 | 0.01032 | 0.07695 | 0.00108 | 392 | 4 | 518 | 8 | 1120 | 28 | 392 | 4 |
| sam.16 | 0.9733 | 0.0071 | 0.06329 | 0.00065 | 0.48983 | 0.01045 | 0.05613 | 0.00114 | 396 | 4 | 405 | 9 | 458 | 45 | 396 | 4 |
| sam.17 | 3.1457 | 0.0359 | 0.04802 | 0.00063 | 0.50656 | 0.00910 | 0.07651 | 0.00129 | 302 | 4 | 416 | 7 | 1108 | 34 | / | / |
| sam.18 | 0.7157 | 0.0086 | 0.12385 | 0.00146 | 1.20556 | 0.01753 | 0.07060 | 0.00082 | 753 | 9 | 803 | 12 | 946 | 24 | / | / |
| sam.19 | 2.2616 | 0.0520 | 0.06699 | 0.00066 | 0.51446 | 0.00839 | 0.05570 | 0.00083 | 418 | 4 | 421 | 7 | 440 | 33 | 418 | 4 |
| sam.20 | 1.0025 | 0.0116 | 0.05917 | 0.00058 | 0.50945 | 0.00866 | 0.06245 | 0.00094 | 371 | 4 | 418 | 7 | 690 | 32 | 371 | 4 |
| sam.21 | 1.7384 | 0.0279 | 0.12108 | 0.00151 | 1.30128 | 0.02111 | 0.07795 | 0.00095 | 737 | 9 | 846 | 14 | 1145 | 24 | / | / |
| sample WC070514-19A | | | | | | | | | | | | | | | | |
| sam.01 | 0.0145 | 0.0001 | 0.0706 | 0.0008 | 0.5402 | 0.0125 | 0.0555 | 0.0012 | 440 | 5 | 439 | 10 | 431 | 49 | 440 | 5 |
| sam.02 | 0.0148 | 0.0005 | 0.0664 | 0.0008 | 0.5160 | 0.0134 | 0.0564 | 0.0013 | 414 | 5 | 422 | 11 | 467 | 53 | 414 | 5 |
| sam.03 | 0.0127 | 0.0003 | 0.0659 | 0.0008 | 0.5020 | 0.0147 | 0.0552 | 0.0016 | 412 | 5 | 413 | 12 | 421 | 64 | 412 | 5 |
| sam.04 | 0.0180 | 0.0006 | 0.0681 | 0.0008 | 0.5115 | 0.0116 | 0.0544 | 0.0011 | 425 | 5 | 419 | 10 | 390 | 47 | 425 | 5 |
| sam.05 | 0.0113 | 0.0003 | 0.0645 | 0.0007 | 0.4868 | 0.0100 | 0.0548 | 0.0011 | 403 | 5 | 403 | 8 | 403 | 43 | 403 | 5 |
| sam.06 | 0.0110 | 0.0002 | 0.0673 | 0.0008 | 0.5092 | 0.0121 | 0.0549 | 0.0013 | 420 | 5 | 418 | 10 | 406 | 51 | 420 | 5 |
| sam.07 | 0.0173 | 0.0002 | 0.0670 | 0.0008 | 0.5164 | 0.0146 | 0.0559 | 0.0015 | 418 | 5 | 423 | 12 | 449 | 61 | 418 | 5 |
| sam.08 | 0.0128 | 0.0001 | 0.0681 | 0.0008 | 0.5175 | 0.0216 | 0.0551 | 0.0022 | 425 | 5 | 423 | 18 | 416 | 91 | 425 | 5 |
| sam.09 | 0.0210 | 0.0001 | 0.0680 | 0.0008 | 0.5270 | 0.0142 | 0.0562 | 0.0014 | 424 | 5 | 430 | 12 | 459 | 56 | 424 | 5 |
| sam.10 | 0.0181 | 0.0010 | 0.0653 | 0.0008 | 0.4956 | 0.0192 | 0.0550 | 0.0021 | 408 | 5 | 409 | 16 | 413 | 86 | 408 | 5 |
| sam.11 | 0.0591 | 0.0031 | 0.0714 | 0.0008 | 0.5525 | 0.0136 | 0.0561 | 0.0013 | 444 | 5 | 447 | 11 | 458 | 52 | 444 | 5 |
| sam.12 | 0.0120 | 0.0003 | 0.0656 | 0.0007 | 0.4845 | 0.0144 | 0.0535 | 0.0015 | 410 | 5 | 401 | 12 | 352 | 65 | 410 | 5 |
| sam.13 | 0.0098 | 0.0001 | 0.0680 | 0.0008 | 0.5160 | 0.0137 | 0.0551 | 0.0014 | 424 | 5 | 422 | 11 | 415 | 56 | 424 | 5 |
| sam.14 | 0.0122 | 0.0002 | 0.0655 | 0.0008 | 0.4958 | 0.0121 | 0.0549 | 0.0013 | 409 | 5 | 409 | 10 | 409 | 53 | 409 | 5 |
| sam.15 | 0.0107 | 0.0003 | 0.0660 | 0.0008 | 0.5002 | 0.0121 | 0.0550 | 0.0013 | 412 | 5 | 412 | 10 | 411 | 52 | 412 | 5 |
| sam.16 | 0.0771 | 0.0007 | 0.0497 | 0.0041 | 2.7663 | 0.4398 | 0.4034 | 0.4397 | 313 | 26 | 1346 | 214 | 3922 | 1638 | / | / |
| sam.17 | 0.0633 | 0.0374 | 0.0708 | 0.0009 | 0.5458 | 0.0170 | 0.0559 | 0.0017 | 441 | 6 | 442 | 14 | 449 | 66 | 441 | 6 |
| sam.18 | 0.0171 | 0.0008 | 0.0677 | 0.0009 | 0.6613 | 0.0163 | 0.0709 | 0.0015 | 422 | 5 | 515 | 13 | 953 | 42 | 422 | 5 |
| sam.19 | 0.0215 | 0.0015 | 0.0639 | 0.0007 | 0.4861 | 0.0134 | 0.0552 | 0.0015 | 399 | 5 | 402 | 11 | 420 | 59 | 399 | 5 |
| sam.20 | 0.0160 | 0.0003 | 0.0645 | 0.0007 | 0.4821 | 0.0158 | 0.0542 | 0.0017 | 403 | 5 | 400 | 13 | 381 | 71 | 403 | 5 |
| sam.21 | 0.0126 | 0.0002 | 0.0663 | 0.0008 | 0.5027 | 0.0140 | 0.0550 | 0.0015 | 414 | 5 | 414 | 11 | 411 | 60 | 414 | 5 |
| sam.22 | 0.0110 | 0.0001 | 0.0643 | 0.0008 | 0.4969 | 0.0094 | 0.0561 | 0.0010 | 402 | 5 | 410 | 8 | 455 | 38 | 402 | 5 |
| sam.23 | 0.0093 | 0.0001 | 0.0680 | 0.0008 | 0.5123 | 0.0132 | 0.0546 | 0.0013 | 424 | 5 | 420 | 11 | 396 | 55 | 424 | 5 |
| sam.24 | 0.0087 | 0.0001 | 0.0665 | 0.0008 | 0.5016 | 0.0113 | 0.0547 | 0.0011 | 415 | 5 | 413 | 9 | 402 | 47 | 415 | 5 |
| sam.25 | 0.0137 | 0.0002 | 0.0671 | 0.0008 | 0.5033 | 0.0141 | 0.0544 | 0.0015 | 419 | 5 | 414 | 12 | 388 | 61 | 419 | 5 |
| sam.26 | 0.0133 | 0.0006 | 0.0667 | 0.0008 | 0.5146 | 0.0133 | 0.0560 | 0.0013 | 416 | 5 | 422 | 11 | 451 | 52 | 416 | 5 |
| sam.27 | 0.0228 | 0.0006 | 0.0661 | 0.0008 | 0.5060 | 0.0123 | 0.0555 | 0.0012 | 413 | 5 | 416 | 10 | 432 | 50 | 413 | 5 |
| sam.28 | 0.0124 | 0.0009 | 0.0688 | 0.0008 | 0.6913 | 0.0191 | 0.0728 | 0.0019 | 429 | 5 | 534 | 15 | 1009 | 54 | 429 | 5 |
| sam.29 | 0.0132 | 0.0002 | 0.0658 | 0.0008 | 0.5105 | 0.0140 | 0.0562 | 0.0014 | 411 | 5 | 419 | 11 | 462 | 56 | 411 | 5 |
| sam.30 | 0.0324 | 0.0006 | 0.0669 | 0.0008 | 0.4990 | 0.0210 | 0.0541 | 0.0022 | 417 | 5 | 411 | 17 | 375 | 92 | 417 | 5 |
| sam.31 | 0.0133 | 0.0008 | 0.0661 | 0.0008 | 0.4970 | 0.0132 | 0.0545 | 0.0014 | 412 | 5 | 410 | 11 | 394 | 58 | 412 | 5 |
| sam.32 | 0.0310 | 0.0008 | 0.0670 | 0.0008 | 0.7250 | 0.0220 | 0.0785 | 0.0020 | 418 | 5 | 554 | 17 | 1160 | 52 | / | / |
| sam.33 | 0.0161 | 0.0012 | 0.0664 | 0.0008 | 0.5066 | 0.0151 | 0.0554 | 0.0016 | 414 | 5 | 416 | 12 | 427 | 64 | 414 | 5 |
| sam.34 | 0.0108 | 0.0003 | 0.0666 | 0.0008 | 0.5051 | 0.0142 | 0.0550 | 0.0014 | 416 | 5 | 415 | 12 | 413 | 58 | 416 | 5 |
| sam.35 | 0.0122 | 0.0002 | 0.0643 | 0.0007 | 0.4876 | 0.0102 | 0.0550 | 0.0011 | 402 | 5 | 403 | 8 | 412 | 44 | 402 | 5 |
| sam.36 | 0.0125 | 0.0001 | 0.0667 | 0.0008 | 0.5155 | 0.0133 | 0.0561 | 0.0014 | 416 | 5 | 422 | 11 | 455 | 55 | 416 | 5 |
| sam.37 | 0.0791 | 0.0009 | 0.0705 | 0.0008 | 0.8087 | 0.0257 | 0.0832 | 0.0024 | 439 | 5 | 602 | 19 | 1275 | 57 | 439 | 5 |
| sam.38 | 0.0328 | 0.0002 | 0.0685 | 0.0008 | 0.5285 | 0.0149 | 0.0559 | 0.0015 | 427 | 5 | 431 | 12 | 450 | 61 | 427 | 5 |
| sam.39 | 0.4337 | 0.0245 | 0.0712 | 0.0009 | 0.5504 | 0.0080 | 0.0561 | 0.0007 | 443 | 5 | 445 | 6 | 455 | 27 | 443 | 5 |
| sam.40 | 0.0535 | 0.0003 | 0.0682 | 0.0008 | 0.5211 | 0.0104 | 0.0554 | 0.0010 | 425 | 5 | 426 | 8 | 430 | 41 | 425 | 5 |
| sam.41 | 0.0153 | 0.0006 | 0.0642 | 0.0007 | 0.5311 | 0.0115 | 0.0600 | 0.0012 | 401 | 5 | 433 | 9 | 604 | 44 | 401 | 5 |
| sam.42 | 0.0169 | 0.0054 | 0.0673 | 0.0008 | 0.5082 | 0.0109 | 0.0548 | 0.0011 | 420 | 5 | 417 | 9 | 403 | 47 | 420 | 5 |
| sam.43 | 0.0485 | 0.0005 | 0.0670 | 0.0008 | 0.6315 | 0.0173 | 0.0684 | 0.0018 | 418 | 5 | 497 | 14 | 881 | 55 | 418 | 5 |
| sam.44 | 0.0419 | 0.0018 | 0.0642 | 0.0008 | 0.4805 | 0.0167 | 0.0543 | 0.0018 | 401 | 5 | 398 | 14 | 383 | 76 | 401 | 5 |
| sample WZD073117-2A | | | | | | | | | | | | | | | | |
| sam.01 | 0.6363 | 0.0089 | 0.0376 | 0.0004 | 0.3427 | 0.0096 | 0.0660 | 0.0015 | 238 | 3 | 299 | 8 | 807 | 49 | / | / |
| sam.02 | 0.7664 | 0.0097 | 0.0385 | 0.0004 | 0.2666 | 0.0049 | 0.0502 | 0.0008 | 244 | 3 | 240 | 4 | 204 | 37 | 244 | 3 |
| sam.03 | 0.6393 | 0.0062 | 0.0378 | 0.0004 | 0.2672 | 0.0050 | 0.0513 | 0.0008 | 239 | 3 | 240 | 4 | 254 | 37 | 239 | 3 |
| sam.04 | 0.4825 | 0.0064 | 0.0374 | 0.0004 | 0.3151 | 0.0181 | 0.0612 | 0.0023 | 236 | 3 | 278 | 16 | 645 | 82 | 236 | 3 |
| sam.05 | 0.5974 | 0.0054 | 0.0374 | 0.0004 | 0.2907 | 0.0128 | 0.0563 | 0.0019 | 237 | 3 | 259 | 11 | 464 | 75 | 237 | 3 |
| sam.06 | 0.5955 | 0.0052 | 0.0380 | 0.0004 | 0.2779 | 0.0088 | 0.0530 | 0.0014 | 241 | 3 | 249 | 8 | 328 | 59 | 241 | 3 |
| sam.07 | 0.7443 | 0.0054 | 0.0379 | 0.0004 | 0.2877 | 0.0097 | 0.0551 | 0.0015 | 240 | 3 | 257 | 9 | 417 | 60 | 240 | 3 |
| sam.08 | 0.6061 | 0.0045 | 0.0363 | 0.0004 | 0.2588 | 0.0059 | 0.0517 | 0.0010 | 230 | 2 | 234 | 5 | 274 | 44 | 230 | 2 |
| sam.09 | 0.9145 | 0.0070 | 0.0378 | 0.0004 | 0.3139 | 0.0123 | 0.0603 | 0.0022 | 239 | 3 | 277 | 11 | 613 | 79 | 239 | 3 |
| sam.10 | 0.8950 | 0.0104 | 0.0379 | 0.0004 | 0.3416 | 0.0227 | 0.0654 | 0.0034 | 240 | 3 | 298 | 20 | 787 | 108 | 240 | 3 |
| sam.11 | 0.8468 | 0.0097 | 0.0367 | 0.0004 | 0.2950 | 0.0098 | 0.0582 | 0.0018 | 233 | 2 | 263 | 9 | 539 | 69 | 233 | 2 |
| sam.12 | 0.8988 | 0.0064 | 0.0378 | 0.0004 | 0.2661 | 0.0066 | 0.0510 | 0.0012 | 239 | 3 | 240 | 6 | 242 | 56 | 239 | 3 |
| sam.13 | 0.7579 | 0.0058 | 0.0377 | 0.0004 | 0.2841 | 0.0108 | 0.0546 | 0.0021 | 239 | 2 | 254 | 10 | 396 | 85 | 239 | 2 |
| sam.14 | 0.5862 | 0.0058 | 0.0371 | 0.0004 | 0.3799 | 0.0285 | 0.0742 | 0.0048 | 235 | 3 | 327 | 25 | 1048 | 131 | / | / |
| sam.15 | 0.9127 | 0.0073 | 0.0431 | 0.0004 | 0.9594 | 0.0178 | 0.1615 | 0.0027 | 272 | 3 | 683 | 13 | 2471 | 28 | / | / |
| sam.16 | 0.7262 | 0.0014 | 0.0374 | 0.0004 | 0.2973 | 0.0075 | 0.0576 | 0.0013 | 237 | 3 | 264 | 7 | 514 | 49 | 237 | 3 |
| sam.17 | 0.7291 | 0.0044 | 0.0373 | 0.0004 | 0.3378 | 0.0164 | 0.0657 | 0.0029 | 236 | 2 | 296 | 14 | 796 | 93 | 236 | 2 |
| sam.18 | 1.2023 | 0.0119 | 0.0365 | 0.0004 | 0.2611 | 0.0039 | 0.0519 | 0.0007 | 231 | 2 | 236 | 4 | 281 | 30 | 231 | 2 |
| sam.19 | 0.6377 | 0.0054 | 0.0375 | 0.0004 | 0.3460 | 0.0154 | 0.0670 | 0.0026 | 237 | 3 | 302 | 13 | 837 | 81 | 237 | 3 |
| sam.20 | 0.6044 | 0.0033 | 0.0365 | 0.0004 | 0.2542 | 0.0061 | 0.0505 | 0.0012 | 231 | 2 | 230 | 6 | 217 | 53 | 231 | 2 |
| sam.21 | 0.5551 | 0.0045 | 0.0383 | 0.0005 | 0.3915 | 0.0361 | 0.0742 | 0.0048 | 242 | 3 | 335 | 31 | 1046 | 132 | / | / |
| sam.22 | 0.8491 | 0.0082 | 0.0365 | 0.0004 | 0.2587 | 0.0085 | 0.0514 | 0.0015 | 231 | 2 | 234 | 8 | 258 | 68 | 231 | 2 |
| sam.23 | 0.6914 | 0.0045 | 0.0374 | 0.0004 | 0.3023 | 0.0095 | 0.0586 | 0.0018 | 237 | 2 | 268 | 8 | 553 | 68 | 237 | 2 |
| sam.24 | 0.5719 | 0.0054 | 0.0374 | 0.0004 | 0.2913 | 0.0060 | 0.0564 | 0.0012 | 237 | 3 | 260 | 5 | 470 | 47 | 237 | 3 |
| sam.25 | 0.7281 | 0.0083 | 0.0369 | 0.0004 | 0.2758 | 0.0049 | 0.0542 | 0.0009 | 233 | 3 | 247 | 4 | 381 | 37 | 233 | 3 |
| sample WC070514-18 | | | | | | | | | | | | | | | | |
| sam.01 | 0.4505 | 0.02 | 0.02703 | 0.00063 | 0.1941 | 0.02623 | 0.05209 | 0.00713 | 172 | 4 | 180 | 22 | 289 | 259 | 172 | 4 |
| sam.02 | 0.5181 | 0.02 | 0.02875 | 0.00035 | 0.20044 | 0.01315 | 0.05058 | 0.00338 | 183 | 2 | 185 | 11 | 222 | 127 | 183 | 2 |
| sam.03 | 0.6061 | 0.02 | 0.02902 | 0.00031 | 0.19288 | 0.01095 | 0.04822 | 0.00279 | 184 | 2 | 179 | 9 | 110 | 107 | 184 | 2 |
| sam.04 | 0.5181 | 0.02 | 0.02838 | 0.00044 | 0.17916 | 0.0152 | 0.04581 | 0.00395 | 180 | 3 | 167 | 13 | 12 | 157 | 180 | 3 |
| sam.05 | 0.4386 | 0.02 | 0.03 | 0.00031 | 0.21281 | 0.00969 | 0.05146 | 0.00241 | 191 | 2 | 196 | 8 | 261 | 86 | 191 | 2 |
| sam.06 | 0.6211 | 0.02 | 0.03032 | 0.00065 | 0.23177 | 0.03257 | 0.05546 | 0.00787 | 193 | 4 | 212 | 27 | 431 | 277 | 193 | 4 |
| sam.07 | 0.4425 | 0.02 | 0.03046 | 0.00037 | 0.21791 | 0.01753 | 0.05188 | 0.00422 | 193 | 2 | 200 | 15 | 280 | 186 | 193 | 2 |
| sam.08 | 0.5435 | 0.02 | 0.03255 | 0.00068 | 0.23081 | 0.03784 | 0.05144 | 0.00849 | 206 | 4 | 211 | 31 | 261 | 305 | 206 | 4 |
| sam.09 | 0.5076 | 0.02 | 0.03206 | 0.00039 | 0.21774 | 0.01514 | 0.04926 | 0.00347 | 203 | 2 | 200 | 13 | 160 | 134 | 203 | 2 |
| sam.10 | 0.6944 | 0.01 | 0.03204 | 0.00058 | 0.2384 | 0.02195 | 0.05397 | 0.00505 | 203 | 4 | 217 | 18 | 370 | 175 | 203 | 4 |
| sam.11 | 0.6494 | 0.02 | 0.03218 | 0.00051 | 0.22167 | 0.02415 | 0.04998 | 0.0055 | 204 | 3 | 203 | 20 | 194 | 216 | 204 | 3 |
| sam.12 | 0.5682 | 0.02 | 0.03248 | 0.0005 | 0.23818 | 0.02006 | 0.0532 | 0.00456 | 206 | 3 | 217 | 16 | 337 | 163 | 206 | 3 |
| sam.13 | 0.7246 | 0.01 | 0.03276 | 0.00085 | 0.2307 | 0.03638 | 0.05109 | 0.00815 | 208 | 5 | 211 | 30 | 245 | 288 | 208 | 5 |
| sam.14 | 0.5405 | 0.02 | 0.03146 | 0.00081 | 0.20995 | 0.02824 | 0.04841 | 0.00661 | 200 | 5 | 194 | 24 | 119 | 242 | 200 | 5 |
| sam.15 | 0.7246 | 0.01 | 0.03313 | 0.00064 | 0.23425 | 0.02975 | 0.0513 | 0.00659 | 210 | 4 | 214 | 24 | 254 | 248 | 210 | 4 |
| sam.16 | 0.8929 | 0.01 | 0.03293 | 0.00051 | 0.22981 | 0.02079 | 0.05063 | 0.00465 | 209 | 3 | 210 | 17 | 224 | 176 | 209 | 3 |
| sam.17 | 0.4505 | 0.02 | 0.03499 | 0.00083 | 0.24479 | 0.04179 | 0.05076 | 0.00874 | 222 | 5 | 222 | 34 | 230 | 308 | 222 | 5 |
| sam.18 | 0.4739 | 0.02 | 0.03572 | 0.00056 | 0.25018 | 0.01994 | 0.05082 | 0.00413 | 226 | 3 | 227 | 16 | 233 | 152 | 226 | 3 |
| sam.19 | 0.5780 | 0.02 | 0.03459 | 0.00134 | 0.24284 | 0.06447 | 0.05094 | 0.01364 | 219 | 8 | 221 | 53 | 238 | 420 | 219 | 8 |
| sam.20 | 0.5714 | 0.02 | 0.03563 | 0.00178 | 0.2246 | 0.08101 | 0.04574 | 0.01662 | 226 | 11 | 206 | 67 | -16 | 508 | 226 | 11 |
| sam.21 | 0.5747 | 0.02 | 0.03294 | 0.00123 | 0.21923 | 0.05427 | 0.04829 | 0.01207 | 209 | 8 | 201 | 45 | 114 | 377 | 209 | 8 |
| sam.22 | 0.5263 | 0.02 | 0.03583 | 0.00214 | 0.24667 | 0.07758 | 0.04995 | 0.01593 | 227 | 13 | 224 | 63 | 193 | 462 | 227 | 13 |
| sam.23 | 0.5128 | 0.02 | 0.03589 | 0.00059 | 0.31498 | 0.03322 | 0.06368 | 0.0068 | 227 | 4 | 278 | 26 | 731 | 200 | / | / |
| sam.24 | 0.5525 | 0.02 | 0.03512 | 0.00058 | 0.24486 | 0.02701 | 0.05059 | 0.00564 | 223 | 4 | 222 | 22 | 222 | 218 | 223 | 4 |
| sam.25 | 0.5376 | 0.02 | 0.03351 | 0.00057 | 0.21452 | 0.0307 | 0.04645 | 0.00669 | 212 | 4 | 197 | 26 | 21 | 247 | 212 | 4 |
| sam.26 | 0.5319 | 0.02 | 0.03583 | 0.00062 | 0.27079 | 0.02858 | 0.05484 | 0.00586 | 227 | 4 | 243 | 23 | 406 | 207 | 227 | 4 |
| sam.27 | 0.6803 | 0.01 | 0.03637 | 0.00138 | 0.26423 | 0.06092 | 0.05271 | 0.01228 | 230 | 9 | 238 | 49 | 316 | 381 | 230 | 9 |
| sam.28 | 0.6211 | 0.02 | 0.03355 | 0.00102 | 0.23431 | 0.0415 | 0.05068 | 0.00909 | 213 | 6 | 214 | 34 | 226 | 309 | 213 | 6 |
| sam.29 | 0.7463 | 0.01 | 0.03511 | 0.00067 | 0.23951 | 0.04437 | 0.0495 | 0.00922 | 222 | 4 | 218 | 36 | 172 | 319 | 222 | 4 |
| sam.30 | 0.7519 | 0.01 | 0.03568 | 0.00065 | 0.24841 | 0.0305 | 0.05052 | 0.00627 | 226 | 4 | 225 | 25 | 219 | 240 | 226 | 4 |
| sam.31 | 0.3096 | 0.03 | 0.05486 | 0.00038 | 0.40784 | 0.00812 | 0.05394 | 0.00119 | 344 | 2 | 347 | 6 | 369 | 32 | 344 | 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| number | U | U/Th | 206Pb/238U | 2σ | 207Pb/235U | 2σ | RHO | % | 206Pb/238U | 2σ | 207Pb/235U | 2σ | 207Pb/206Pb | 2σ | Best Ages | 2σ |
| sample DL280717-4 | | | | | | | | | | | | | | | | |
| sam.01 | 160 | 1.90 | 0.4648 | 0.0095 | 0.0620 | 0.0006 | 0.1559 | 0.1810 | 387 | 7 | 388 | 4 | 368 | 46 | 388 | 4 |
| sam.02 | 176 | 1.75 | 0.4765 | 0.0087 | 0.0620 | 0.0006 | 0.1523 | 2.0723 | 396 | 6 | 388 | 4 | 420 | 44 | 388 | 4 |
| sam.03 | 299 | 2.43 | 0.4762 | 0.0076 | 0.0621 | 0.0006 | 0.4702 | 1.7468 | 395 | 5 | 388 | 3 | 429 | 34 | 388 | 3 |
| sam.04 | 407 | 2.32 | 0.4709 | 0.0092 | 0.0621 | 0.0007 | 0.2805 | 0.7161 | 391 | 6 | 388 | 4 | 397 | 42 | 388 | 4 |
| sam.05 | 343 | 1.48 | 0.4719 | 0.0063 | 0.0622 | 0.0004 | 0.1835 | 0.7651 | 392 | 4 | 389 | 3 | 396 | 30 | 389 | 3 |
| sam.06 | 492 | 10.70 | 0.4716 | 0.0067 | 0.0630 | 0.0005 | 0.3322 | 0.5359 | 392 | 5 | 394 | 3 | 379 | 31 | 394 | 3 |
| sam.07 | 329 | 14.53 | 0.4896 | 0.0083 | 0.0649 | 0.0007 | 0.4162 | 0.1729 | 405 | 6 | 406 | 4 | 385 | 35 | 406 | 4 |
| sam.08 | 219 | 5.13 | 0.5063 | 0.0092 | 0.0656 | 0.0006 | 0.2815 | 1.3966 | 415 | 6 | 410 | 4 | 438 | 40 | 410 | 4 |
| sam.09 | 810 | 13.08 | 0.5640 | 0.0120 | 0.0658 | 0.0008 | 0.4508 | 9.4577 | 454 | 8 | 411 | 5 | 669 | 39 | 411 | 5 |
| sam.10 | 627 | 24.70 | 0.5042 | 0.0055 | 0.0658 | 0.0004 | 0.3551 | 0.8207 | 414 | 4 | 411 | 3 | 424 | 24 | 411 | 3 |
| sam.11 | 781 | 22.08 | 0.4991 | 0.0086 | 0.0660 | 0.0009 | 0.6025 | 0.0243 | 412 | 6 | 412 | 6 | 412 | 35 | 412 | 6 |
| sam.12 | 480 | 87.00 | 0.5019 | 0.0099 | 0.0661 | 0.0009 | 0.5282 | 0.0242 | 413 | 7 | 412 | 5 | 422 | 38 | 412 | 5 |
| sam.13 | 621 | 20.55 | 0.5110 | 0.0069 | 0.0662 | 0.0006 | 0.6723 | 1.4310 | 419 | 5 | 413 | 3 | 442 | 24 | 413 | 3 |
| sam.14 | 512 | 37.10 | 0.5203 | 0.0085 | 0.0663 | 0.0007 | 0.4919 | 2.6824 | 425 | 6 | 414 | 4 | 479 | 33 | 414 | 4 |
| sam.15 | 1108 | 42.70 | 0.5115 | 0.0049 | 0.0667 | 0.0005 | 0.4933 | 0.8341 | 420 | 3 | 416 | 3 | 429 | 19 | 416 | 3 |
| sam.16 | 880 | 18.73 | 0.5085 | 0.0062 | 0.0668 | 0.0007 | 0.5666 | 0.0959 | 417 | 4 | 417 | 4 | 412 | 24 | 417 | 4 |
| sam.17 | 851 | 62.10 | 0.5146 | 0.0055 | 0.0669 | 0.0006 | 0.5500 | 0.8545 | 421 | 4 | 418 | 3 | 435 | 21 | 418 | 3 |
| sam.18 | 914 | 61.50 | 0.5131 | 0.0055 | 0.0670 | 0.0005 | 0.5780 | 0.5710 | 420 | 4 | 418 | 3 | 428 | 20 | 418 | 3 |
| sam.19 | 325 | 13.99 | 0.5110 | 0.0100 | 0.0671 | 0.0007 | 0.3148 | 0.0000 | 419 | 7 | 419 | 4 | 408 | 44 | 419 | 4 |
| sam.20 | 1262 | 92.00 | 0.5153 | 0.0089 | 0.0671 | 0.0009 | 0.4009 | 0.7824 | 422 | 6 | 419 | 6 | 433 | 40 | 419 | 6 |
| sam.21 | 863 | 99.00 | 0.5175 | 0.0060 | 0.0672 | 0.0006 | 0.6839 | 0.8979 | 423 | 4 | 419 | 4 | 439 | 19 | 419 | 4 |
| sam.22 | 727 | 55.50 | 0.5202 | 0.0084 | 0.0677 | 0.0009 | 0.5446 | 0.9620 | 426 | 6 | 422 | 5 | 433 | 35 | 422 | 5 |
| sam.23 | 772 | 37.40 | 0.5281 | 0.0093 | 0.0690 | 0.0011 | 0.6817 | 0.0232 | 430 | 6 | 430 | 7 | 437 | 32 | 430 | 7 |
| sam.24 | 851 | 19.07 | 0.8180 | 0.0130 | 0.0949 | 0.0011 | 0.5222 | 3.6603 | 607 | 7 | 584 | 7 | 688 | 29 | 584 | 7 |
| sam.25 | 338 | 7.35 | 0.8250 | 0.0160 | 0.0957 | 0.0012 | 0.6598 | 3.4251 | 610 | 9 | 589 | 7 | 681 | 31 | 589 | 7 |
| sam.26 | 850 | 19.85 | 0.8210 | 0.0150 | 0.0965 | 0.0017 | 0.5113 | 2.4166 | 608 | 8 | 594 | 10 | 662 | 35 | 594 | 10 |
| sam.27 | 804 | 20.35 | 0.9700 | 0.0130 | 0.1066 | 0.0010 | 0.5922 | 5.0741 | 688 | 7 | 653 | 6 | 799 | 23 | 653 | 6 |
| sam.28 | 470 | 8.03 | 0.9960 | 0.0140 | 0.1094 | 0.0010 | 0.6631 | 4.5370 | 701 | 7 | 669 | 6 | 798 | 22 | 669 | 6 |
| sam.29 | 214 | 4.83 | 1.0540 | 0.0230 | 0.1162 | 0.0014 | 0.5977 | 2.7709 | 729 | 11 | 709 | 8 | 783 | 38 | 709 | 8 |
| sam.30 | 339 | 5.00 | 1.0800 | 0.0130 | 0.1167 | 0.0010 | 0.5086 | 4.2003 | 743 | 6 | 712 | 6 | 835 | 24 | 712 | 6 |
| sam.31 | 288 | 6.73 | 1.1020 | 0.0310 | 0.1191 | 0.0025 | 0.6848 | 3.7185 | 753 | 15 | 725 | 14 | 830 | 43 | 725 | 14 |
| sam.32 | 391 | 1.28 | 1.1170 | 0.0190 | 0.1197 | 0.0015 | 0.6162 | 4.2581 | 761 | 9 | 729 | 9 | 854 | 29 | 729 | 9 |
| sam.33 | 331 | 4.87 | 1.1920 | 0.0320 | 0.1285 | 0.0029 | 0.7069 | 2.0126 | 795 | 15 | 779 | 17 | 840 | 40 | 779 | 17 |
| sam.34 | 368 | 4.54 | 1.2430 | 0.0140 | 0.1328 | 0.0012 | 0.5530 | 1.9036 | 820 | 6 | 804 | 7 | 859 | 20 | 804 | 7 |
| sam.35 | 273 | 5.80 | 1.2610 | 0.0230 | 0.1336 | 0.0016 | 0.4414 | 2.3671 | 828 | 10 | 808 | 9 | 873 | 35 | 808 | 9 |
| sam.36 | 507 | 1.73 | 1.3250 | 0.0150 | 0.1382 | 0.0011 | 0.5750 | 2.5228 | 856 | 7 | 835 | 7 | 911 | 19 | 835 | 7 |
| sam.37 | 541 | 6.18 | 1.3160 | 0.0220 | 0.1387 | 0.0018 | 0.6427 | 1.5143 | 852 | 10 | 839 | 11 | 882 | 28 | 839 | 11 |
| sam.38 | 240 | 2.75 | 1.3950 | 0.0180 | 0.1464 | 0.0013 | 0.4969 | 1.8395 | 887 | 8 | 881 | 8 | 897 | 25 | 897 | 25 |
| sam.39 | 499 | 5.30 | 1.3980 | 0.0130 | 0.1464 | 0.0011 | 0.5401 | 2.2309 | 888 | 6 | 881 | 6 | 901 | 18 | 901 | 18 |
| sam.40 | 277 | 5.98 | 1.4480 | 0.0170 | 0.1503 | 0.0012 | 0.4969 | 1.5812 | 909 | 7 | 903 | 7 | 917 | 21 | 917 | 21 |
| sam.41 | 887 | 11.31 | 1.3840 | 0.0160 | 0.1431 | 0.0014 | 0.4405 | 7.3333 | 882 | 7 | 862 | 8 | 930 | 23 | 930 | 23 |
| sam.42 | 114 | 0.94 | 1.9130 | 0.0250 | 0.1790 | 0.0014 | 0.4479 | 5.9220 | 1084 | 9 | 1061 | 8 | 1128 | 24 | 1128 | 24 |
| sample AZ-7-30-17(10) | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | |
| sam.01 | 368 | 6.04 | 0.4438 | 0.0079 | 0.05867 | 0.00073 | 0.6152 | 1.3158 | 372 | 6 | 368 | 4 | 402 | 30 | 368 | 4 |
| sam.02 | 308.4 | 2.529 | 0.453 | 0.012 | 0.0601 | 0.0013 | 0.5991 | 0.5290 | 378 | 8 | 376 | 8 | 378 | 49 | 376 | 8 |
| sam.03 | 427.3 | 9.33 | 0.4618 | 0.0083 | 0.06005 | 0.00066 | 0.5199 | 2.2084 | 385 | 6 | 376 | 4 | 423 | 35 | 376 | 4 |
| sam.04 | 673 | 12.32 | 0.4584 | 0.0056 | 0.06019 | 0.00052 | 0.5169 | 1.5931 | 383 | 4 | 377 | 3 | 412 | 24 | 377 | 3 |
| sam.05 | 302 | 3.98 | 0.4595 | 0.0079 | 0.06029 | 0.00057 | 0.4054 | 1.5649 | 383 | 6 | 377 | 4 | 414 | 36 | 377 | 4 |
| sam.06 | 616 | 12.71 | 0.459 | 0.01 | 0.06037 | 0.00095 | 0.6654 | 1.3062 | 383 | 7 | 378 | 6 | 402 | 37 | 378 | 6 |
| sam.07 | 308.1 | 1.908 | 0.462 | 0.012 | 0.0606 | 0.0012 | 0.6045 | 1.6338 | 386 | 8 | 379 | 7 | 398 | 48 | 379 | 7 |
| sam.08 | 289 | 3.3 | 0.4649 | 0.0086 | 0.06086 | 0.00065 | 0.3279 | 1.7797 | 388 | 6 | 381 | 4 | 412 | 40 | 381 | 4 |
| sam.09 | 349 | 22.4 | 0.472 | 0.01 | 0.06103 | 0.00089 | 0.3403 | 2.6014 | 392 | 7 | 382 | 5 | 448 | 52 | 382 | 5 |
| sam.10 | 322.1 | 1.52 | 0.4674 | 0.0077 | 0.06112 | 0.00055 | 0.2682 | 1.6714 | 389 | 5 | 382 | 3 | 411 | 39 | 382 | 3 |
| sam.11 | 458 | 24.1 | 0.4701 | 0.0099 | 0.06112 | 0.00097 | 0.6930 | 2.0492 | 390 | 7 | 382 | 6 | 431 | 34 | 382 | 6 |
| sam.12 | 317 | 1.518 | 0.4637 | 0.0085 | 0.0612 | 0.00066 | 0.4814 | 0.8804 | 386 | 6 | 383 | 4 | 403 | 36 | 383 | 4 |
| sam.13 | 439 | 5.63 | 0.4649 | 0.007 | 0.06125 | 0.00063 | 0.2951 | 1.0331 | 387 | 5 | 383 | 4 | 399 | 34 | 383 | 4 |
| sam.14 | 765 | 12.88 | 0.4604 | 0.0072 | 0.06133 | 0.00085 | 0.4846 | 0.1301 | 384 | 5 | 384 | 5 | 383 | 32 | 384 | 5 |
| sam.15 | 121.2 | 0.6975 | 0.462 | 0.012 | 0.06134 | 0.00071 | 0.0822 | 0.1301 | 384 | 8 | 384 | 4 | 379 | 58 | 384 | 4 |
| sam.16 | 322 | 16.16 | 0.4787 | 0.0079 | 0.06137 | 0.0006 | 0.4310 | 3.2022 | 397 | 5 | 384 | 4 | 461 | 33 | 384 | 4 |
| sam.17 | 632 | 12.47 | 0.4661 | 0.0076 | 0.06156 | 0.00091 | 0.6607 | 0.7476 | 388 | 5 | 385 | 6 | 399 | 31 | 385 | 6 |
| sam.18 | 285.8 | 2.665 | 0.472 | 0.014 | 0.0616 | 0.0011 | 0.5866 | 1.4081 | 391 | 10 | 385 | 7 | 409 | 53 | 385 | 7 |
| sam.19 | 106.7 | 0.777 | 0.502 | 0.014 | 0.0616 | 0.00075 | 0.4878 | 6.4124 | 412 | 9 | 385 | 5 | 547 | 57 | 385 | 5 |
| sam.20 | 561 | 2.821 | 0.502 | 0.014 | 0.0616 | 0.0014 | 0.6204 | 6.5001 | 412 | 9 | 386 | 8 | 551 | 48 | 386 | 8 |
| sam.21 | 759 | 1.252 | 0.4686 | 0.0063 | 0.06164 | 0.00061 | 0.4754 | 1.1028 | 390 | 4 | 386 | 4 | 403 | 28 | 386 | 4 |
| sam.22 | 467 | 1.677 | 0.4689 | 0.0088 | 0.06184 | 0.00085 | 0.5700 | 0.7698 | 390 | 6 | 387 | 5 | 405 | 35 | 387 | 5 |
| sam.23 | 581 | 11.09 | 0.4869 | 0.0098 | 0.06194 | 0.00089 | 0.5900 | 3.6567 | 402 | 7 | 387 | 5 | 478 | 38 | 387 | 5 |
| sam.24 | 707 | 2.83 | 0.4832 | 0.0061 | 0.06223 | 0.00052 | 0.4180 | 2.8215 | 401 | 4 | 389 | 3 | 460 | 27 | 389 | 3 |
| sam.25 | 349 | 1.605 | 0.4696 | 0.0066 | 0.06225 | 0.00055 | 0.3285 | 0.3073 | 391 | 5 | 389 | 3 | 390 | 32 | 389 | 3 |
| sam.26 | 295.7 | 1.401 | 0.4816 | 0.0077 | 0.0623 | 0.00062 | 0.2962 | 2.3075 | 399 | 5 | 390 | 4 | 441 | 37 | 390 | 4 |
| sam.27 | 726.8 | 1.357 | 0.4757 | 0.006 | 0.06261 | 0.00059 | 0.4909 | 0.8612 | 395 | 4 | 391 | 4 | 406 | 26 | 391 | 4 |
| sam.28 | 903 | 2.121 | 0.4667 | 0.0056 | 0.06262 | 0.00056 | 0.4308 | 0.7463 | 389 | 4 | 392 | 3 | 367 | 27 | 392 | 3 |
| sam.29 | 351.8 | 2.03 | 0.536 | 0.02 | 0.06298 | 0.00072 | 0.0335 | 9.2857 | 434 | 13 | 394 | 4 | 643 | 80 | 394 | 4 |
| sam.30 | 740 | 75.4 | 0.4815 | 0.0071 | 0.06312 | 0.00077 | 0.5431 | 1.0286 | 399 | 5 | 395 | 5 | 427 | 30 | 395 | 5 |
| sam.31 | 611 | 1.676 | 0.4682 | 0.0097 | 0.0632 | 0.0012 | 0.6781 | 1.2311 | 390 | 7 | 395 | 7 | 358 | 35 | 395 | 7 |
| sam.32 | 229 | 1.102 | 0.491 | 0.013 | 0.0632 | 0.0011 | 0.3506 | 2.4685 | 405 | 9 | 395 | 7 | 465 | 63 | 395 | 7 |
| sam.33 | 286 | 1.793 | 0.4824 | 0.0088 | 0.06343 | 0.00074 | 0.5295 | 0.8504 | 400 | 6 | 396 | 5 | 407 | 36 | 396 | 5 |
| sam.34 | 51.9 | 7.9 | 0.481 | 0.017 | 0.0637 | 0.0011 | 0.0034 | 0.5303 | 396 | 11 | 398 | 7 | 369 | 79 | 398 | 7 |
| sam.35 | 496.5 | 21.05 | 0.4834 | 0.0074 | 0.06384 | 0.00076 | 0.6265 | 0.2501 | 400 | 5 | 399 | 5 | 400 | 26 | 399 | 5 |
| sam.36 | 514 | 11.7 | 0.4811 | 0.007 | 0.06397 | 0.00057 | 0.4367 | 0.1754 | 399 | 5 | 400 | 3 | 394 | 30 | 400 | 3 |
| sam.37 | 146.8 | 3.63 | 0.491 | 0.014 | 0.0646 | 0.0012 | 0.5595 | 0.2228 | 404 | 9 | 403 | 8 | 397 | 51 | 403 | 8 |
| sam.38 | 82.2 | 1.335 | 0.512 | 0.024 | 0.0646 | 0.0015 | 0.1744 | 3.5167 | 418 | 16 | 403 | 9 | 490 | 100 | 403 | 9 |
| sam.39 | 251.6 | 1.572 | 0.499 | 0.012 | 0.065 | 0.0012 | 0.6559 | 0.8549 | 409 | 8 | 406 | 7 | 419 | 41 | 406 | 7 |
| sam.40 | 863 | 28.99 | 0.504 | 0.0073 | 0.06504 | 0.0009 | 0.6876 | 1.9082 | 414 | 5 | 406 | 5 | 455 | 26 | 406 | 5 |
| sam.41 | 1510 | 13.04 | 0.4961 | 0.0053 | 0.06548 | 0.00061 | 0.6033 | 0.0245 | 409 | 4 | 409 | 4 | 406 | 20 | 409 | 4 |
| sam.42 | 723 | 9.94 | 0.5029 | 0.0071 | 0.06561 | 0.00067 | 0.5108 | 0.8952 | 413 | 5 | 410 | 4 | 425 | 28 | 410 | 4 |
| sam.43 | 490 | 2.225 | 0.585 | 0.011 | 0.0719 | 0.00085 | 0.4635 | 4.1961 | 467 | 7 | 448 | 5 | 563 | 37 | 448 | 5 |
| sam.44 | 274.1 | 1.374 | 0.566 | 0.013 | 0.0727 | 0.001 | 0.5802 | 0.5713 | 455 | 8 | 453 | 6 | 456 | 40 | 453 | 6 |
| sam.45 | 703 | 2.86 | 0.745 | 0.011 | 0.08495 | 0.00087 | 0.6997 | 6.8923 | 564 | 6 | 526 | 5 | 717 | 23 | 526 | 5 |
| sam.46 | 109 | 1.399 | 0.918 | 0.021 | 0.1023 | 0.0019 | 0.5779 | 4.8485 | 660 | 11 | 628 | 11 | 782 | 42 | 628 | 11 |
| sam 47 | 300.4 | 1.327 | 0.957 | 0.028 | 0.1049 | 0.0026 | 0.5817 | 5.4412 | 680 | 15 | 643 | 15 | 802 | 57 | 643 | 15 |
| sam.48 | 1228 | 6.401 | 1.062 | 0.013 | 0.1136 | 0.0012 | 0.7256 | 5.5578 | 734 | 6 | 693 | 7 | 857 | 19 | 693 | 7 |
| sam.49 | 2120 | 2.089 | 1.248 | 0.021 | 0.1219 | 0.0035 | 0.1928 | 9.9647 | 822 | 10 | 740 | 20 | 1055 | 64 | 740 | 20 |
| sam.50 | 182 | 1.584 | 1.286 | 0.03 | 0.1347 | 0.0018 | 0.4537 | 2.7446 | 838 | 14 | 815 | 10 | 894 | 42 | 815 | 10 |

Table S2. LA-ICP-MS results for detrital zircons U-Pb ages of sedimentary and meta-sedimentary samples in this study.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample analysis Spot | | | Corrected Isotopic Ratios | | | | | | Corrected Ages (Ma) | | | | | | | |
| number | 232Th/238U | 1σ | 206Pb/238U | 1σ | 207Pb/235U | 1σ | 207Pb/206Pb | 1σ | 206Pb/238U | 1σ | 207Pb/235U | 1σ | 207Pb/206Pb | 1σ | Best Ages | 1σ |
| Neoproterozoic Wanbaogou Group sample WC040514-1 | | | | | | | | | | | | | | | | |
| sam.01 | 1.0229 | 0.0039 | 0.1941 | 0.0022 | 2.1446 | 0.0422 | 0.0802 | 0.0014 | 1143 | 13 | 1163 | 23 | 1201 | 35 | 1201 | 35 |
| sam.02 | 0.3306 | 0.0043 | 0.2573 | 0.0028 | 3.7061 | 0.0669 | 0.1045 | 0.0017 | 1476 | 16 | 1573 | 28 | 1705 | 30 | 1705 | 30 |
| sam.03 | 0.1339 | 0.0004 | 0.1611 | 0.0017 | 1.6282 | 0.0286 | 0.0733 | 0.0012 | 963 | 10 | 981 | 17 | 1022 | 33 | 1022 | 33 |
| sam.04 | 0.5896 | 0.0026 | 0.1527 | 0.0017 | 1.5580 | 0.0301 | 0.0740 | 0.0013 | 916 | 10 | 954 | 18 | 1041 | 36 | 1041 | 36 |
| sam.05 | 0.4148 | 0.0053 | 0.3550 | 0.0038 | 6.5550 | 0.1141 | 0.1339 | 0.0021 | 1959 | 21 | 2053 | 36 | 2150 | 28 | 2150 | 28 |
| sam.06 | 1.1988 | 0.0058 | 0.1627 | 0.0018 | 1.7169 | 0.0332 | 0.0766 | 0.0014 | 972 | 11 | 1015 | 20 | 1110 | 36 | 1110 | 36 |
| sam.07 | 0.7008 | 0.0176 | 0.2049 | 0.0023 | 2.4314 | 0.0441 | 0.0861 | 0.0014 | 1202 | 14 | 1252 | 23 | 1340 | 31 | 1340 | 31 |
| sam.08 | 0.3689 | 0.0034 | 0.1437 | 0.0016 | 1.3915 | 0.0252 | 0.0702 | 0.0012 | 866 | 9 | 885 | 16 | 935 | 34 | 866 | 9 |
| sam.09 | 1.0088 | 0.0040 | 0.0965 | 0.0011 | 0.8210 | 0.0155 | 0.0617 | 0.0011 | 594 | 7 | 609 | 11 | 663 | 37 | 594 | 7 |
| sam.10 | 0.4737 | 0.0021 | 0.1464 | 0.0017 | 1.4276 | 0.0280 | 0.0707 | 0.0013 | 881 | 10 | 901 | 18 | 950 | 37 | 881 | 10 |
| sam.11 | 0.6158 | 0.0016 | 0.1632 | 0.0018 | 1.6849 | 0.0304 | 0.0749 | 0.0012 | 975 | 11 | 1003 | 18 | 1065 | 33 | 1065 | 33 |
| sam.12 | 0.3545 | 0.0059 | 0.1059 | 0.0012 | 0.9040 | 0.0176 | 0.0619 | 0.0011 | 649 | 8 | 654 | 13 | 672 | 38 | 649 | 8 |
| sam.13 | 1.5409 | 0.0114 | 0.1786 | 0.0019 | 1.8883 | 0.0343 | 0.0767 | 0.0013 | 1059 | 11 | 1077 | 20 | 1113 | 34 | 1113 | 34 |
| sam.14 | 1.4021 | 0.0087 | 0.1736 | 0.0020 | 1.8369 | 0.0326 | 0.0768 | 0.0012 | 1032 | 12 | 1059 | 19 | 1115 | 32 | 1115 | 32 |
| sam.15 | 0.3036 | 0.0050 | 0.1603 | 0.0018 | 1.6000 | 0.0284 | 0.0724 | 0.0012 | 958 | 11 | 970 | 17 | 997 | 33 | 958 | 11 |
| sam.16 | 0.1615 | 0.0009 | 0.1026 | 0.0011 | 0.8727 | 0.0152 | 0.0617 | 0.0010 | 630 | 7 | 637 | 11 | 663 | 35 | 630 | 7 |
| sam.17 | 0.6685 | 0.0163 | 0.1688 | 0.0020 | 1.7367 | 0.0333 | 0.0746 | 0.0013 | 1005 | 12 | 1022 | 20 | 1058 | 34 | 1058 | 34 |
| sam.18 | 0.9618 | 0.0085 | 0.1807 | 0.0020 | 1.8701 | 0.0354 | 0.0751 | 0.0013 | 1071 | 12 | 1071 | 20 | 1070 | 35 | 1070 | 35 |
| sam.19 | 1.1764 | 0.0190 | 0.1427 | 0.0015 | 1.4089 | 0.0244 | 0.0716 | 0.0011 | 860 | 9 | 893 | 15 | 975 | 32 | 860 | 9 |
| sam.20 | 0.5924 | 0.0040 | 0.1638 | 0.0017 | 1.7646 | 0.0305 | 0.0781 | 0.0012 | 978 | 10 | 1033 | 18 | 1150 | 32 | 1150 | 32 |
| sam.21 | 0.2055 | 0.0039 | 0.1301 | 0.0014 | 1.1877 | 0.0216 | 0.0662 | 0.0011 | 789 | 8 | 795 | 14 | 812 | 35 | 789 | 8 |
| sam.22 | 0.6705 | 0.0031 | 0.1874 | 0.0023 | 1.9978 | 0.0381 | 0.0773 | 0.0013 | 1107 | 14 | 1115 | 21 | 1129 | 33 | 1129 | 33 |
| sam.23 | 0.5766 | 0.0078 | 0.1733 | 0.0019 | 1.8084 | 0.0321 | 0.0757 | 0.0012 | 1030 | 11 | 1048 | 19 | 1087 | 32 | 1087 | 32 |
| sam.24 | 0.6767 | 0.0027 | 0.1559 | 0.0017 | 1.5845 | 0.0311 | 0.0737 | 0.0013 | 934 | 10 | 964 | 19 | 1034 | 36 | 1034 | 36 |
| sam.25 | 0.6091 | 0.0036 | 0.1715 | 0.0019 | 1.7487 | 0.0338 | 0.0739 | 0.0013 | 1021 | 12 | 1027 | 20 | 1040 | 35 | 1040 | 35 |
| sam.26 | 0.4907 | 0.0028 | 0.4641 | 0.0052 | 11.0961 | 0.1987 | 0.1734 | 0.0028 | 2458 | 28 | 2531 | 45 | 2591 | 27 | 2591 | 27 |
| sam.27 | 0.1722 | 0.0014 | 0.3099 | 0.0033 | 6.6249 | 0.1158 | 0.1550 | 0.0025 | 1740 | 19 | 2063 | 36 | 2402 | 27 | 2402 | 27 |
| sam.28 | 0.7351 | 0.0037 | 0.1564 | 0.0017 | 1.6023 | 0.0284 | 0.0743 | 0.0012 | 937 | 10 | 971 | 17 | 1049 | 33 | 1049 | 33 |
| sam.29 | 0.6174 | 0.0013 | 0.3679 | 0.0042 | 6.3881 | 0.1128 | 0.1259 | 0.0020 | 2019 | 23 | 2031 | 36 | 2042 | 28 | 2042 | 28 |
| sam.30 | 1.0708 | 0.0028 | 0.1600 | 0.0018 | 1.6201 | 0.0303 | 0.0735 | 0.0013 | 957 | 11 | 978 | 18 | 1027 | 35 | 1027 | 35 |
| sam.31 | 0.5134 | 0.0024 | 0.1586 | 0.0018 | 1.5988 | 0.0312 | 0.0731 | 0.0013 | 949 | 11 | 970 | 19 | 1017 | 36 | 1017 | 36 |
| sam.32 | 0.2954 | 0.0008 | 0.3682 | 0.0041 | 6.4091 | 0.1133 | 0.1262 | 0.0020 | 2021 | 22 | 2034 | 36 | 2046 | 28 | 2046 | 28 |
| sam.33 | 1.3653 | 0.0204 | 0.1791 | 0.0020 | 2.0285 | 0.0382 | 0.0821 | 0.0014 | 1062 | 12 | 1125 | 21 | 1249 | 33 | 1249 | 33 |
| sam.34 | 0.3933 | 0.0018 | 0.1546 | 0.0017 | 1.5312 | 0.0277 | 0.0718 | 0.0012 | 927 | 10 | 943 | 17 | 981 | 34 | 927 | 10 |
| sam.35 | 0.6496 | 0.0023 | 0.1660 | 0.0019 | 1.6764 | 0.0299 | 0.0732 | 0.0012 | 990 | 11 | 1000 | 18 | 1021 | 32 | 1021 | 32 |
| sam.36 | 0.7314 | 0.0064 | 0.1647 | 0.0019 | 1.7150 | 0.0302 | 0.0755 | 0.0012 | 983 | 11 | 1014 | 18 | 1082 | 32 | 1082 | 32 |
| sam.37 | 1.0949 | 0.0095 | 0.1867 | 0.0020 | 2.0793 | 0.0381 | 0.0808 | 0.0014 | 1104 | 12 | 1142 | 21 | 1216 | 34 | 1216 | 34 |
| sam.38 | 0.5956 | 0.0162 | 0.2230 | 0.0024 | 2.6215 | 0.0459 | 0.0853 | 0.0014 | 1298 | 14 | 1307 | 23 | 1322 | 31 | 1322 | 31 |
| sam.39 | 0.3165 | 0.0059 | 0.1761 | 0.0020 | 1.7923 | 0.0328 | 0.0738 | 0.0012 | 1046 | 12 | 1043 | 19 | 1036 | 32 | 1036 | 32 |
| sam.40 | 0.4690 | 0.0024 | 0.5156 | 0.0058 | 13.0513 | 0.2312 | 0.1836 | 0.0029 | 2680 | 30 | 2683 | 48 | 2686 | 26 | 2686 | 26 |
| sam.41 | 0.7940 | 0.0031 | 0.1502 | 0.0016 | 1.4904 | 0.0272 | 0.0720 | 0.0012 | 902 | 10 | 926 | 17 | 985 | 34 | 902 | 10 |
| sam.42 | 1.1640 | 0.0124 | 0.1558 | 0.0017 | 1.5001 | 0.0275 | 0.0699 | 0.0012 | 933 | 10 | 930 | 17 | 924 | 34 | 933 | 10 |
| sam.43 | 0.8457 | 0.0051 | 0.1500 | 0.0016 | 1.4713 | 0.0270 | 0.0711 | 0.0012 | 901 | 10 | 919 | 17 | 961 | 35 | 901 | 10 |
| sam.44 | 1.5894 | 0.0056 | 0.2140 | 0.0023 | 2.4997 | 0.0435 | 0.0847 | 0.0014 | 1250 | 13 | 1272 | 22 | 1309 | 31 | 1309 | 31 |
| sam.45 | 0.8482 | 0.0041 | 0.1636 | 0.0018 | 1.6099 | 0.0294 | 0.0714 | 0.0012 | 977 | 11 | 974 | 18 | 968 | 34 | 977 | 11 |
| sam.46 | 0.5670 | 0.0071 | 0.4050 | 0.0044 | 9.0197 | 0.1566 | 0.1615 | 0.0025 | 2192 | 24 | 2340 | 41 | 2472 | 26 | 2472 | 26 |
| sam.47 | 0.1480 | 0.0011 | 0.1712 | 0.0018 | 1.9202 | 0.0332 | 0.0813 | 0.0013 | 1019 | 11 | 1088 | 19 | 1230 | 31 | 1230 | 31 |
| sam.48 | 1.0967 | 0.0130 | 0.1801 | 0.0021 | 1.8872 | 0.0336 | 0.0760 | 0.0012 | 1067 | 12 | 1077 | 19 | 1095 | 32 | 1095 | 32 |
| sam.49 | 0.8642 | 0.0017 | 0.1776 | 0.0020 | 1.8992 | 0.0350 | 0.0776 | 0.0013 | 1054 | 12 | 1081 | 20 | 1136 | 33 | 1136 | 33 |
| sam.50 | 0.5683 | 0.0012 | 0.6104 | 0.0074 | 20.0748 | 0.3657 | 0.2385 | 0.0038 | 3072 | 37 | 3095 | 56 | 3110 | 25 | 3110 | 25 |
| sam.51 | 1.1896 | 0.0134 | 0.2412 | 0.0032 | 2.9425 | 0.0589 | 0.0885 | 0.0015 | 1393 | 18 | 1393 | 28 | 1393 | 33 | 1393 | 33 |
| sam.52 | 0.7286 | 0.0035 | 0.3654 | 0.0045 | 6.3065 | 0.1161 | 0.1252 | 0.0020 | 2008 | 25 | 2019 | 37 | 2031 | 28 | 2031 | 28 |
| sam.53 | 0.5119 | 0.0022 | 0.1746 | 0.0026 | 1.9977 | 0.0602 | 0.0830 | 0.0018 | 1037 | 16 | 1115 | 34 | 1269 | 42 | 1269 | 42 |
| sam.54 | 0.4548 | 0.0032 | 0.4093 | 0.0046 | 7.9168 | 0.1403 | 0.1403 | 0.0022 | 2212 | 25 | 2222 | 39 | 2231 | 27 | 2231 | 27 |
| sam.55 | 0.8916 | 0.0029 | 0.2002 | 0.0029 | 2.7079 | 0.0550 | 0.0981 | 0.0016 | 1176 | 17 | 1331 | 27 | 1589 | 30 | 1589 | 30 |
| sam.56 | 0.5604 | 0.0019 | 0.1132 | 0.0014 | 0.9868 | 0.0185 | 0.0632 | 0.0010 | 691 | 9 | 697 | 13 | 716 | 35 | 691 | 9 |
| sam.57 | 0.6812 | 0.0105 | 0.2075 | 0.0030 | 2.9245 | 0.0579 | 0.1022 | 0.0016 | 1215 | 17 | 1388 | 27 | 1665 | 30 | 1665 | 30 |
| sam.58 | 0.7576 | 0.0021 | 0.1782 | 0.0020 | 1.9002 | 0.0342 | 0.0774 | 0.0012 | 1057 | 12 | 1081 | 19 | 1130 | 32 | 1130 | 32 |
| sam.59 | 0.5775 | 0.0080 | 0.2117 | 0.0023 | 2.4143 | 0.0448 | 0.0827 | 0.0014 | 1238 | 13 | 1247 | 23 | 1262 | 34 | 1262 | 34 |
| sam.60 | 0.8567 | 0.0042 | 0.4482 | 0.0052 | 9.9718 | 0.1771 | 0.1614 | 0.0025 | 2387 | 27 | 2432 | 43 | 2470 | 27 | 2470 | 27 |
| sam.61 | 0.6814 | 0.0053 | 0.3665 | 0.0040 | 6.7179 | 0.1160 | 0.1329 | 0.0021 | 2013 | 22 | 2075 | 36 | 2137 | 27 | 2137 | 27 |
| sam.62 | 1.1204 | 0.0032 | 0.1692 | 0.0019 | 1.8037 | 0.0371 | 0.0773 | 0.0015 | 1008 | 11 | 1047 | 22 | 1130 | 38 | 1130 | 38 |
| sam.63 | 0.4658 | 0.0058 | 0.3251 | 0.0037 | 5.3780 | 0.0953 | 0.1200 | 0.0019 | 1814 | 20 | 1881 | 33 | 1956 | 28 | 1956 | 28 |
| sam.64 | 0.9985 | 0.0076 | 0.1677 | 0.0020 | 1.6748 | 0.0384 | 0.0724 | 0.0016 | 999 | 12 | 999 | 23 | 998 | 44 | 999 | 12 |
| sam.65 | 0.2072 | 0.0012 | 0.1552 | 0.0018 | 1.5776 | 0.0306 | 0.0737 | 0.0013 | 930 | 11 | 961 | 19 | 1034 | 35 | 1034 | 35 |
| sam.66 | 0.6758 | 0.0056 | 0.1676 | 0.0019 | 1.6859 | 0.0306 | 0.0730 | 0.0012 | 999 | 11 | 1003 | 18 | 1013 | 34 | 1013 | 34 |
| sam.67 | 0.6044 | 0.0019 | 0.1803 | 0.0020 | 1.8946 | 0.0341 | 0.0762 | 0.0012 | 1068 | 12 | 1079 | 19 | 1101 | 33 | 1101 | 33 |
| sam.68 | 0.6389 | 0.0021 | 0.1920 | 0.0023 | 2.0656 | 0.0382 | 0.0780 | 0.0013 | 1132 | 13 | 1137 | 21 | 1148 | 32 | 1148 | 32 |
| sam.69 | 0.2026 | 0.0019 | 0.5257 | 0.0066 | 20.1293 | 0.3713 | 0.2777 | 0.0044 | 2723 | 34 | 3098 | 57 | 3350 | 25 | 3350 | 25 |
| sam.70 | 0.5581 | 0.0012 | 0.3392 | 0.0039 | 5.6004 | 0.1000 | 0.1197 | 0.0019 | 1883 | 22 | 1916 | 34 | 1952 | 28 | 1952 | 28 |
| sam.71 | 0.6122 | 0.0012 | 0.1986 | 0.0022 | 2.2498 | 0.0401 | 0.0822 | 0.0013 | 1168 | 13 | 1197 | 21 | 1249 | 32 | 1249 | 32 |
| sam.72 | 1.3980 | 0.0092 | 0.3211 | 0.0038 | 5.2070 | 0.1010 | 0.1176 | 0.0020 | 1795 | 21 | 1854 | 36 | 1920 | 30 | 1920 | 30 |
| sam.73 | 0.9057 | 0.0128 | 0.1451 | 0.0019 | 1.5166 | 0.0304 | 0.0758 | 0.0013 | 873 | 12 | 937 | 19 | 1091 | 35 | 1091 | 35 |
| sam.74 | 0.8562 | 0.0040 | 0.2691 | 0.0030 | 3.7050 | 0.0673 | 0.0998 | 0.0016 | 1536 | 17 | 1572 | 29 | 1621 | 30 | 1621 | 30 |
| sam.75 | 0.5546 | 0.0020 | 0.3497 | 0.0042 | 5.7071 | 0.1029 | 0.1184 | 0.0019 | 1933 | 23 | 1932 | 35 | 1932 | 28 | 1932 | 28 |
| sam.76 | 1.6385 | 0.0240 | 0.1402 | 0.0017 | 5.3202 | 0.1455 | 0.2752 | 0.0062 | 846 | 10 | 1872 | 51 | 3336 | 35 | 3336 | 35 |
| sam.77 | 0.2056 | 0.0025 | 0.1800 | 0.0020 | 1.9089 | 0.0337 | 0.0769 | 0.0012 | 1067 | 12 | 1084 | 19 | 1119 | 32 | 1119 | 32 |
| sam.78 | 0.2597 | 0.0053 | 0.1481 | 0.0016 | 1.4794 | 0.0265 | 0.0724 | 0.0012 | 890 | 9 | 922 | 17 | 998 | 34 | 890 | 9 |
| sam.79 | 0.5830 | 0.0016 | 0.1697 | 0.0018 | 1.7758 | 0.0310 | 0.0759 | 0.0012 | 1011 | 11 | 1037 | 18 | 1092 | 32 | 1092 | 32 |
| sam.80 | 0.2252 | 0.0026 | 0.1669 | 0.0018 | 1.6953 | 0.0302 | 0.0737 | 0.0012 | 995 | 11 | 1007 | 18 | 1032 | 33 | 1032 | 33 |
| sam.81 | 0.3620 | 0.0027 | 0.1421 | 0.0016 | 1.3347 | 0.0249 | 0.0681 | 0.0011 | 857 | 10 | 861 | 16 | 872 | 35 | 857 | 10 |
| sam.82 | 0.2609 | 0.0028 | 0.2373 | 0.0026 | 2.8959 | 0.0504 | 0.0885 | 0.0014 | 1373 | 15 | 1381 | 24 | 1393 | 31 | 1393 | 31 |
| sam.83 | 0.3998 | 0.0028 | 0.3496 | 0.0038 | 6.4363 | 0.1128 | 0.1335 | 0.0021 | 1933 | 21 | 2037 | 36 | 2145 | 28 | 2145 | 28 |
| sam.84 | 0.4365 | 0.0030 | 0.1035 | 0.0011 | 0.8829 | 0.0159 | 0.0619 | 0.0010 | 635 | 7 | 643 | 12 | 670 | 35 | 635 | 7 |
| sam.85 | 0.1684 | 0.0018 | 0.1701 | 0.0018 | 1.8059 | 0.0316 | 0.0770 | 0.0012 | 1013 | 11 | 1048 | 18 | 1121 | 32 | 1121 | 32 |
| sam.86 | 0.8120 | 0.0092 | 0.1790 | 0.0020 | 1.9201 | 0.0342 | 0.0778 | 0.0012 | 1061 | 12 | 1088 | 19 | 1142 | 32 | 1142 | 32 |
| sam.87 | 0.2261 | 0.0008 | 0.1328 | 0.0015 | 1.2254 | 0.0220 | 0.0669 | 0.0011 | 804 | 9 | 812 | 15 | 836 | 33 | 804 | 9 |
| sam.88 | 0.2708 | 0.0011 | 0.1821 | 0.0021 | 1.9076 | 0.0341 | 0.0760 | 0.0012 | 1079 | 12 | 1084 | 19 | 1094 | 32 | 1094 | 32 |
| sam.89 | 0.0537 | 0.0002 | 0.2007 | 0.0024 | 2.4523 | 0.0457 | 0.0886 | 0.0014 | 1179 | 14 | 1258 | 23 | 1396 | 31 | 1396 | 31 |
| sam.90 | 0.5534 | 0.0169 | 0.5041 | 0.0060 | 17.1202 | 0.3891 | 0.2463 | 0.0044 | 2631 | 31 | 2942 | 67 | 3161 | 29 | 3161 | 29 |
| sam.91 | 0.9088 | 0.0030 | 0.1691 | 0.0019 | 1.8434 | 0.0348 | 0.0790 | 0.0013 | 1007 | 11 | 1061 | 20 | 1173 | 33 | 1173 | 33 |
| sam.92 | 0.4059 | 0.0044 | 0.2249 | 0.0027 | 3.2584 | 0.0615 | 0.1051 | 0.0017 | 1308 | 16 | 1471 | 28 | 1716 | 29 | 1716 | 29 |
| sam.93 | 0.1039 | 0.0016 | 0.1942 | 0.0022 | 2.1467 | 0.0382 | 0.0802 | 0.0013 | 1144 | 13 | 1164 | 21 | 1201 | 31 | 1201 | 31 |
| sam.94 | 0.7398 | 0.0029 | 0.1423 | 0.0016 | 1.3288 | 0.0241 | 0.0677 | 0.0011 | 857 | 10 | 858 | 16 | 861 | 34 | 857 | 10 |
| sam.95 | 0.7033 | 0.0088 | 0.1602 | 0.0018 | 1.6247 | 0.0296 | 0.0735 | 0.0012 | 958 | 11 | 980 | 18 | 1029 | 33 | 1029 | 33 |
| sam.96 | 0.6917 | 0.0012 | 0.1696 | 0.0020 | 1.7768 | 0.0348 | 0.0760 | 0.0013 | 1010 | 12 | 1037 | 20 | 1095 | 34 | 1095 | 34 |
| sam.97 | 0.5125 | 0.0041 | 0.1291 | 0.0015 | 1.1637 | 0.0218 | 0.0654 | 0.0011 | 783 | 9 | 784 | 15 | 787 | 35 | 783 | 9 |
| sam.98 | 0.7513 | 0.0177 | 0.0974 | 0.0013 | 0.8118 | 0.0189 | 0.0604 | 0.0012 | 599 | 8 | 603 | 14 | 620 | 44 | 599 | 8 |
| sam.99 | 1.0551 | 0.0303 | 0.1649 | 0.0018 | 1.7405 | 0.0316 | 0.0765 | 0.0013 | 984 | 11 | 1024 | 19 | 1109 | 34 | 1109 | 34 |
| sam.100 | 1.1237 | 0.0085 | 0.2016 | 0.0024 | 2.5484 | 0.0613 | 0.0917 | 0.0018 | 1184 | 14 | 1286 | 31 | 1461 | 38 | 1461 | 38 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cambrian Shasongwula Formation sample WC010514-7A-3 | | | | | | | | | | | | | | | | |
| sam.01 | 0.56 | 0.02 | 0.16868 | 0.00122 | 1.63316 | 0.02746 | 0.07026 | 0.00135 | 1005 | 7 | 983 | 11 | 936 | 23 | 936 | 23 |
| sam.02 | 1.18 | 0.01 | 0.09313 | 0.00329 | 0.76276 | 0.17979 | 0.05944 | 0.0141 | 574 | 19 | 576 | 104 | 583 | 429 | 583 | 429 |
| sam.03 | 0.70 | 0.01 | 0.75965 | 0.00481 | 33.48774 | 0.23842 | 0.31991 | 0.00357 | 3643 | 18 | 3595 | 7 | 3569 | 5 | 3643 | 18 |
| sam.04 | 0.19 | 0.05 | 0.19864 | 0.00153 | 2.12543 | 0.03746 | 0.07765 | 0.00154 | 1168 | 8 | 1157 | 12 | 1138 | 23 | 1168 | 8 |
| sam.05 | 0.88 | 0.01 | 0.2133 | 0.00187 | 2.41677 | 0.05161 | 0.08222 | 0.00191 | 1246 | 10 | 1248 | 15 | 1251 | 28 | 1246 | 10 |
| sam.06 | 0.93 | 0.01 | 0.10644 | 0.00097 | 0.96478 | 0.02908 | 0.06578 | 0.00209 | 652 | 6 | 686 | 15 | 799 | 48 | 799 | 48 |
| sam.07 | 0.59 | 0.02 | 0.27286 | 0.00173 | 3.54224 | 0.03733 | 0.09421 | 0.0013 | 1555 | 9 | 1537 | 8 | 1512 | 11 | 1555 | 9 |
| sam.08 | 0.60 | 0.02 | 0.23484 | 0.00188 | 2.76098 | 0.04747 | 0.08532 | 0.00166 | 1360 | 10 | 1345 | 13 | 1323 | 21 | 1360 | 10 |
| sam.09 | 0.68 | 0.01 | 0.10867 | 0.00171 | 0.98355 | 0.07575 | 0.06568 | 0.00513 | 665 | 10 | 695 | 39 | 796 | 136 | 796 | 136 |
| sam.10 | 0.68 | 0.01 | 0.26909 | 0.0016 | 3.83564 | 0.03384 | 0.10344 | 0.0013 | 1536 | 8 | 1600 | 7 | 1687 | 8 | 1536 | 8 |
| sam.11 | 0.11 | 0.09 | 0.49762 | 0.00304 | 11.08755 | 0.08579 | 0.1617 | 0.00189 | 2604 | 13 | 2531 | 7 | 2474 | 6 | 2604 | 13 |
| sam.12 | 0.32 | 0.03 | 0.29603 | 0.00163 | 4.20915 | 0.03533 | 0.10312 | 0.00104 | 1672 | 8 | 1676 | 7 | 1681 | 19 | 1672 | 8 |
| sam.13 | 0.59 | 0.02 | 0.13526 | 0.0009 | 1.25155 | 0.02506 | 0.06711 | 0.00142 | 818 | 5 | 824 | 11 | 841 | 45 | 841 | 45 |
| sam.14 | 0.27 | 0.04 | 0.14723 | 0.00088 | 1.46498 | 0.01583 | 0.07221 | 0.00102 | 885 | 5 | 916 | 7 | 992 | 13 | 992 | 13 |
| sam.15 | 0.24 | 0.04 | 0.16001 | 0.0009 | 1.62104 | 0.01384 | 0.07352 | 0.00091 | 957 | 5 | 978 | 5 | 1028 | 9 | 957 | 5 |
| sam.17 | 0.79 | 0.01 | 0.16376 | 0.00098 | 1.72455 | 0.01831 | 0.07643 | 0.00107 | 978 | 5 | 1018 | 7 | 1106 | 12 | 978 | 5 |
| sam.18 | 0.31 | 0.03 | 0.14662 | 0.00088 | 1.43922 | 0.02033 | 0.07119 | 0.00109 | 882 | 5 | 905 | 8 | 963 | 32 | 963 | 32 |
| sam.19 | 0.30 | 0.03 | 0.20241 | 0.00116 | 2.26061 | 0.02363 | 0.081 | 0.00097 | 1188 | 6 | 1200 | 7 | 1221 | 24 | 1188 | 6 |
| sam.20 | 0.84 | 0.01 | 0.24223 | 0.01162 | 3.07578 | 0.45366 | 0.09215 | 0.01366 | 1398 | 60 | 1427 | 113 | 1470 | 210 | 1398 | 60 |
| sam.21 | 0.22 | 0.05 | 0.385 | 0.02201 | 7.46657 | 0.8896 | 0.14074 | 0.01647 | 2100 | 102 | 2169 | 107 | 2236 | 128 | 2100 | 102 |
| sam.22 | 0.40 | 0.02 | 0.2052 | 0.00148 | 2.3769 | 0.03577 | 0.08406 | 0.00148 | 1203 | 8 | 1236 | 11 | 1294 | 18 | 1203 | 8 |
| sam.23 | 0.64 | 0.02 | 0.2226 | 0.00162 | 2.66 | 0.04043 | 0.08672 | 0.00153 | 1296 | 9 | 1317 | 11 | 1354 | 18 | 1296 | 9 |
| sam.24 | 0.25 | 0.04 | 0.25462 | 0.00161 | 3.4725 | 0.03667 | 0.09897 | 0.00137 | 1462 | 8 | 1521 | 8 | 1605 | 11 | 1462 | 8 |
| sam.25 | 0.36 | 0.03 | 0.15172 | 0.0009 | 1.55208 | 0.01652 | 0.07424 | 0.00104 | 911 | 5 | 951 | 7 | 1048 | 12 | 911 | 5 |
| sam.26 | 0.19 | 0.05 | 0.32406 | 0.00187 | 5.3734 | 0.04117 | 0.12033 | 0.00141 | 1810 | 9 | 1881 | 7 | 1961 | 6 | 1810 | 9 |
| sam.27 | 0.14 | 0.07 | 0.2178 | 0.00207 | 2.48159 | 0.06051 | 0.08264 | 0.00216 | 1270 | 11 | 1267 | 18 | 1261 | 52 | 1270 | 11 |
| sam.28 | 0.38 | 0.03 | 0.65908 | 0.00466 | 23.42902 | 0.19926 | 0.25797 | 0.00307 | 3264 | 18 | 3245 | 8 | 3234 | 6 | 3264 | 18 |
| sam.29 | 0.39 | 0.03 | 0.17966 | 0.00124 | 1.86816 | 0.02767 | 0.07546 | 0.00131 | 1065 | 7 | 1070 | 10 | 1081 | 19 | 1065 | 7 |
| sam.30 | 0.09 | 0.11 | 0.44138 | 0.00245 | 9.41424 | 0.06321 | 0.15469 | 0.00135 | 2357 | 11 | 2379 | 6 | 2398 | 15 | 2357 | 11 |
| sam.31 | 0.22 | 0.04 | 0.17122 | 0.00121 | 1.73986 | 0.0269 | 0.07374 | 0.00132 | 1019 | 7 | 1023 | 10 | 1034 | 20 | 1019 | 7 |
| sam.32 | 0.22 | 0.05 | 0.20021 | 0.00124 | 2.18435 | 0.0242 | 0.07917 | 0.00113 | 1176 | 7 | 1176 | 8 | 1176 | 12 | 1176 | 7 |
| sam.33 | 0.38 | 0.03 | 0.47 | 0.00274 | 11.21823 | 0.07934 | 0.17321 | 0.00195 | 2484 | 12 | 2541 | 7 | 2589 | 5 | 2484 | 12 |
| sam.34 | 0.58 | 0.02 | 0.13124 | 0.00104 | 1.21398 | 0.02499 | 0.06712 | 0.00152 | 795 | 6 | 807 | 11 | 841 | 30 | 841 | 30 |
| sam.35 | 0.70 | 0.01 | 0.10064 | 0.00142 | 0.85001 | 0.05905 | 0.06126 | 0.00434 | 618 | 8 | 625 | 32 | 648 | 157 | 648 | 157 |
| sam.36 | 0.88 | 0.01 | 0.08359 | 0.00069 | 0.73823 | 0.01991 | 0.06409 | 0.00184 | 518 | 4 | 561 | 12 | 745 | 43 | 745 | 43 |
| sam.37 | 0.60 | 0.02 | 0.1144 | 0.00084 | 0.96781 | 0.02055 | 0.06139 | 0.00143 | 698 | 5 | 687 | 11 | 653 | 33 | 653 | 33 |
| sam.38 | 1.25 | 0.01 | 0.08575 | 0.00055 | 0.66749 | 0.01091 | 0.05649 | 0.00106 | 530 | 3 | 519 | 7 | 472 | 25 | 472 | 25 |
| sam.39 | 0.56 | 0.02 | 0.32067 | 0.00194 | 4.78225 | 0.04273 | 0.10822 | 0.00136 | 1793 | 9 | 1782 | 8 | 1770 | 8 | 1793 | 9 |
| sam.40 | 0.72 | 0.01 | 0.27735 | 0.00174 | 3.65627 | 0.03777 | 0.09566 | 0.0013 | 1578 | 9 | 1562 | 8 | 1541 | 10 | 1578 | 9 |
| sam.41 | 0.08 | 0.12 | 0.1531 | 0.00088 | 1.52171 | 0.01632 | 0.07209 | 0.00088 | 918 | 5 | 939 | 7 | 988 | 25 | 988 | 25 |
| sam.42 | 0.88 | 0.01 | 0.19842 | 0.00147 | 2.1893 | 0.03691 | 0.08007 | 0.00153 | 1167 | 8 | 1178 | 12 | 1199 | 22 | 1167 | 8 |
| sam.43 | 0.86 | 0.01 | 0.085 | 0.00064 | 0.68217 | 0.01608 | 0.05823 | 0.00148 | 526 | 4 | 528 | 10 | 538 | 38 | 538 | 38 |
| sam.44 | 0.63 | 0.02 | 0.09434 | 0.0006 | 0.76623 | 0.01211 | 0.05894 | 0.00108 | 581 | 4 | 578 | 7 | 565 | 23 | 565 | 23 |
| sam.45 | 0.56 | 0.02 | 0.25931 | 0.00197 | 3.4269 | 0.05207 | 0.0959 | 0.00169 | 1486 | 10 | 1511 | 12 | 1546 | 17 | 1486 | 10 |
| sam.46 | 0.86 | 0.01 | 0.40352 | 0.00264 | 7.69822 | 0.07221 | 0.13843 | 0.00177 | 2185 | 12 | 2196 | 8 | 2208 | 8 | 2185 | 12 |
| sam.47 | 0.06 | 0.17 | 0.43058 | 0.00238 | 9.28212 | 0.06172 | 0.15635 | 0.00135 | 2308 | 11 | 2366 | 6 | 2417 | 15 | 2308 | 11 |
| sam.48 | 0.18 | 0.05 | 0.13034 | 0.00077 | 1.31415 | 0.0162 | 0.07313 | 0.001 | 790 | 4 | 852 | 7 | 1017 | 28 | 790 | 4 |
| sam.49 | 0.09 | 0.11 | 0.47232 | 0.00266 | 11.78397 | 0.07895 | 0.18095 | 0.00158 | 2494 | 12 | 2587 | 6 | 2662 | 15 | 2494 | 12 |
| sam.50 | 0.35 | 0.03 | 0.08905 | 0.00057 | 0.72131 | 0.0117 | 0.05878 | 0.0011 | 550 | 3 | 551 | 7 | 559 | 24 | 559 | 24 |
| sam.51 | 0.44 | 0.02 | 0.17866 | 0.00174 | 1.83533 | 0.04882 | 0.07454 | 0.00211 | 1060 | 10 | 1058 | 17 | 1056 | 38 | 1060 | 10 |
| sam.52 | 0.09 | 0.11 | 0.10709 | 0.00072 | 0.94491 | 0.01604 | 0.06402 | 0.00124 | 656 | 4 | 675 | 8 | 742 | 24 | 742 | 24 |
| sam.53 | 0.61 | 0.02 | 0.18677 | 0.00136 | 1.96753 | 0.03268 | 0.07643 | 0.00145 | 1104 | 7 | 1104 | 11 | 1106 | 22 | 1104 | 7 |
| sam.54 | 0.21 | 0.05 | 0.17277 | 0.00116 | 1.73767 | 0.02565 | 0.07298 | 0.00126 | 1027 | 6 | 1023 | 10 | 1013 | 19 | 1027 | 6 |
| sam.55 | 0.68 | 0.01 | 0.11332 | 0.00086 | 1.00464 | 0.02108 | 0.06433 | 0.00148 | 692 | 5 | 706 | 11 | 752 | 31 | 752 | 31 |
| sam.56 | 0.09 | 0.12 | 0.15155 | 0.00087 | 1.46071 | 0.01563 | 0.06991 | 0.00085 | 910 | 5 | 914 | 6 | 926 | 26 | 926 | 26 |
| sam.57 | 0.60 | 0.02 | 0.16605 | 0.00134 | 1.6657 | 0.0343 | 0.07278 | 0.00164 | 990 | 7 | 996 | 13 | 1008 | 29 | 990 | 7 |
| sam.58 | 1.67 | 0.01 | 0.14343 | 0.00254 | 1.24604 | 0.09743 | 0.06303 | 0.00499 | 864 | 14 | 822 | 44 | 709 | 137 | 709 | 137 |
| sam.59 | 0.50 | 0.02 | 0.1481 | 0.00097 | 1.47379 | 0.02052 | 0.0722 | 0.0012 | 890 | 5 | 920 | 8 | 992 | 18 | 992 | 18 |
| sam.60 | 0.96 | 0.01 | 0.08674 | 0.00065 | 0.72405 | 0.01609 | 0.06057 | 0.00147 | 536 | 4 | 553 | 9 | 624 | 35 | 624 | 35 |
| sam.61 | 0.60 | 0.02 | 0.15364 | 0.00181 | 1.6201 | 0.062 | 0.0765 | 0.00303 | 921 | 10 | 978 | 24 | 1108 | 58 | 921 | 10 |
| sam.62 | 0.64 | 0.02 | 0.27944 | 0.00181 | 3.75733 | 0.04109 | 0.09755 | 0.00137 | 1589 | 9 | 1584 | 9 | 1578 | 11 | 1589 | 9 |
| sam.63 | 0.88 | 0.01 | 0.44121 | 0.00252 | 9.88432 | 0.0684 | 0.16253 | 0.00181 | 2356 | 11 | 2424 | 6 | 2482 | 5 | 2356 | 11 |
| sam.64 | 0.56 | 0.02 | 0.49575 | 0.00453 | 13.30597 | 0.19527 | 0.19466 | 0.00336 | 2596 | 20 | 2702 | 14 | 2782 | 29 | 2596 | 20 |
| sam.65 | 0.17 | 0.06 | 0.18773 | 0.00135 | 1.95163 | 0.03086 | 0.07542 | 0.00137 | 1109 | 7 | 1099 | 11 | 1080 | 20 | 1109 | 7 |
| sam.66 | 1.35 | 0.01 | 0.12491 | 0.00191 | 1.14618 | 0.07287 | 0.06657 | 0.00431 | 759 | 11 | 775 | 34 | 824 | 108 | 824 | 108 |
| sam.67 | 0.08 | 0.12 | 0.15904 | 0.00103 | 1.57113 | 0.02258 | 0.07165 | 0.00113 | 951 | 6 | 959 | 9 | 976 | 33 | 976 | 33 |
| sam.68 | 0.72 | 0.01 | 0.45957 | 0.00305 | 10.54341 | 0.09419 | 0.16644 | 0.00205 | 2438 | 13 | 2484 | 8 | 2522 | 7 | 2438 | 13 |
| sam.69 | 1.16 | 0.01 | 0.15702 | 0.00146 | 1.5269 | 0.04108 | 0.07055 | 0.00202 | 940 | 8 | 941 | 17 | 944 | 40 | 944 | 40 |
| sam.70 | 0.35 | 0.03 | 0.17953 | 0.00119 | 1.8261 | 0.02578 | 0.07379 | 0.00123 | 1064 | 7 | 1055 | 9 | 1036 | 18 | 1064 | 7 |
| sam.71 | 0.01 | 0.87 | 0.63584 | 0.00503 | 22.25347 | 0.21836 | 0.25389 | 0.00319 | 3173 | 20 | 3195 | 10 | 3209 | 7 | 3173 | 20 |
| sam.72 | 0.37 | 0.03 | 0.306 | 0.00278 | 4.65257 | 0.09228 | 0.11027 | 0.00241 | 1721 | 14 | 1759 | 17 | 1804 | 41 | 1721 | 14 |
| sam.73 | 0.32 | 0.03 | 0.28995 | 0.00166 | 4.17906 | 0.03355 | 0.10455 | 0.00124 | 1641 | 8 | 1670 | 7 | 1706 | 7 | 1641 | 8 |
| sam.74 | 0.61 | 0.02 | 0.27133 | 0.00217 | 3.77502 | 0.05835 | 0.10093 | 0.00179 | 1548 | 11 | 1587 | 12 | 1641 | 17 | 1548 | 11 |
| sam.75 | 0.91 | 0.01 | 0.47511 | 0.01077 | 10.94589 | 0.42263 | 0.16712 | 0.0063 | 2506 | 47 | 2519 | 36 | 2529 | 36 | 2506 | 47 |
| sam.76 | 0.13 | 0.08 | 0.38336 | 0.00232 | 6.80574 | 0.05662 | 0.12878 | 0.00155 | 2092 | 11 | 2086 | 7 | 2081 | 7 | 2092 | 11 |
| sam.77 | 1.16 | 0.01 | 0.29417 | 0.0037 | 4.35843 | 0.12694 | 0.10747 | 0.00326 | 1662 | 18 | 1704 | 24 | 1757 | 35 | 1662 | 18 |
| sam.78 | 0.43 | 0.02 | 0.1737 | 0.00114 | 1.80326 | 0.02452 | 0.0753 | 0.00123 | 1032 | 6 | 1047 | 9 | 1077 | 17 | 1032 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ordovician Naijtal Group sample WC010514-8 | | | | | | | | | | | | | | | | |
| sam.01 | 0.6150 | 0.0026 | 0.50822 | 0.00768 | 12.39362 | 0.24175 | 0.17687 | 0.00284 | 2649 | 40 | 2635 | 51 | 2624 | 27 | 2624 | 27 |
| sam.02 | 0.0341 | 0.0002 | 0.15158 | 0.00222 | 1.44594 | 0.02769 | 0.06918 | 0.00111 | 910 | 13 | 908 | 17 | 904 | 33 | 910 | 13 |
| sam.03 | 0.5392 | 0.0143 | 0.19393 | 0.00316 | 2.22708 | 0.04617 | 0.08329 | 0.00134 | 1143 | 19 | 1190 | 25 | 1276 | 31 | 1276 | 31 |
| sam.04 | 0.1754 | 0.0020 | 0.19137 | 0.00264 | 2.07639 | 0.03847 | 0.07869 | 0.00126 | 1129 | 16 | 1141 | 21 | 1164 | 32 | 1164 | 32 |
| sam.05 | 1.1094 | 0.0037 | 0.06433 | 0.00111 | 0.55928 | 0.01206 | 0.06306 | 0.00101 | 402 | 7 | 451 | 10 | 710 | 34 | 402 | 7 |
| sam.06 | 0.2097 | 0.0011 | 0.23498 | 0.00381 | 5.22334 | 0.12910 | 0.16122 | 0.00298 | 1361 | 22 | 1856 | 46 | 2468 | 31 | 2468 | 31 |
| sam.07 | 0.6015 | 0.0064 | 0.19270 | 0.00278 | 2.37082 | 0.04498 | 0.08923 | 0.00143 | 1136 | 16 | 1234 | 23 | 1409 | 31 | 1409 | 31 |
| sam.08 | 0.0590 | 0.0006 | 0.15059 | 0.00209 | 1.44143 | 0.02696 | 0.06942 | 0.00112 | 904 | 13 | 906 | 17 | 911 | 33 | 904 | 13 |
| sam.09 | 0.2280 | 0.0010 | 0.15645 | 0.00224 | 1.51647 | 0.02881 | 0.07030 | 0.00114 | 937 | 13 | 937 | 18 | 937 | 33 | 937 | 13 |
| sam.10 | 0.6907 | 0.0110 | 0.46262 | 0.00668 | 10.27776 | 0.19497 | 0.16113 | 0.00258 | 2451 | 35 | 2460 | 47 | 2468 | 27 | 2468 | 27 |
| sam.11 | 0.0206 | 0.0000 | 0.09373 | 0.00133 | 0.77474 | 0.01450 | 0.05995 | 0.00096 | 578 | 8 | 582 | 11 | 602 | 35 | 578 | 8 |
| sam.12 | 0.3830 | 0.0063 | 0.18732 | 0.00254 | 2.14650 | 0.03953 | 0.08311 | 0.00133 | 1107 | 15 | 1164 | 21 | 1272 | 31 | 1272 | 31 |
| sam.13 | 0.2536 | 0.0075 | 0.27555 | 0.00412 | 5.13781 | 0.10154 | 0.13523 | 0.00216 | 1569 | 23 | 1842 | 36 | 2167 | 28 | 2167 | 28 |
| sam.14 | 0.4058 | 0.0019 | 0.12448 | 0.00186 | 1.34837 | 0.02604 | 0.07856 | 0.00126 | 756 | 11 | 867 | 17 | 1161 | 32 | 756 | 11 |
| sam.15 | 0.7711 | 0.0032 | 0.11890 | 0.00170 | 1.08929 | 0.02057 | 0.06644 | 0.00107 | 724 | 10 | 748 | 14 | 820 | 34 | 724 | 10 |
| sam.16 | 0.7078 | 0.0058 | 0.19689 | 0.00273 | 2.44813 | 0.04625 | 0.09018 | 0.00148 | 1159 | 16 | 1257 | 24 | 1429 | 31 | 1429 | 31 |
| sam.17 | 0.8578 | 0.0038 | 0.43148 | 0.00625 | 9.80287 | 0.18793 | 0.16477 | 0.00266 | 2312 | 34 | 2416 | 46 | 2505 | 27 | 2505 | 27 |
| sam.18 | 0.3694 | 0.0038 | 0.13380 | 0.00185 | 1.21720 | 0.02271 | 0.06598 | 0.00107 | 809 | 11 | 808 | 15 | 806 | 34 | 809 | 11 |
| sam.19 | 0.4120 | 0.0028 | 0.16402 | 0.00225 | 1.68172 | 0.03111 | 0.07436 | 0.00119 | 979 | 13 | 1002 | 19 | 1051 | 32 | 1051 | 32 |
| sam.20 | 0.3962 | 0.0119 | 0.10472 | 0.00153 | 0.88633 | 0.01702 | 0.06138 | 0.00099 | 642 | 9 | 644 | 12 | 653 | 35 | 642 | 9 |
| sam.21 | 0.7830 | 0.0054 | 0.43819 | 0.00603 | 10.89271 | 0.20185 | 0.18029 | 0.00287 | 2343 | 32 | 2514 | 47 | 2656 | 26 | 2656 | 26 |
| sam.22 | 0.8631 | 0.0061 | 0.16147 | 0.00221 | 1.69705 | 0.03223 | 0.07623 | 0.00128 | 965 | 13 | 1007 | 19 | 1101 | 34 | 1101 | 34 |
| sam.23 | 0.1861 | 0.0005 | 0.18767 | 0.00282 | 1.96683 | 0.03849 | 0.07601 | 0.00122 | 1109 | 17 | 1104 | 22 | 1095 | 32 | 1095 | 32 |
| sam.24 | 0.5162 | 0.0026 | 0.18580 | 0.00261 | 1.95677 | 0.03676 | 0.07638 | 0.00123 | 1099 | 15 | 1101 | 21 | 1105 | 32 | 1105 | 32 |
| sam.25 | 0.7243 | 0.0025 | 0.12168 | 0.00222 | 1.24743 | 0.02852 | 0.07435 | 0.00120 | 740 | 14 | 822 | 19 | 1051 | 33 | 740 | 14 |
| sam.26 | 0.3610 | 0.0008 | 0.47781 | 0.00692 | 10.90368 | 0.20801 | 0.16551 | 0.00264 | 2518 | 36 | 2515 | 48 | 2513 | 27 | 2513 | 27 |
| sam.27 | 0.4580 | 0.0014 | 0.49367 | 0.00726 | 14.00215 | 0.26773 | 0.20571 | 0.00328 | 2587 | 38 | 2750 | 53 | 2872 | 26 | 2872 | 26 |
| sam.28 | 0.7928 | 0.0056 | 0.44453 | 0.00665 | 10.50157 | 0.20390 | 0.17134 | 0.00274 | 2371 | 35 | 2480 | 48 | 2571 | 27 | 2571 | 27 |
| sam.29 | 1.0884 | 0.0072 | 0.27127 | 0.00399 | 3.59243 | 0.06827 | 0.09605 | 0.00153 | 1547 | 23 | 1548 | 29 | 1549 | 30 | 1549 | 30 |
| sam.30 | 0.2491 | 0.0020 | 0.22649 | 0.00309 | 3.55743 | 0.06587 | 0.11392 | 0.00182 | 1316 | 18 | 1540 | 29 | 1863 | 29 | 1863 | 29 |
| sam.31 | 0.8945 | 0.0149 | 0.16862 | 0.00238 | 1.73487 | 0.03287 | 0.07462 | 0.00122 | 1004 | 14 | 1022 | 19 | 1058 | 33 | 1058 | 33 |
| sam.32 | 1.1074 | 0.0047 | 0.46813 | 0.00661 | 10.51596 | 0.19843 | 0.16292 | 0.00261 | 2475 | 35 | 2481 | 47 | 2486 | 27 | 2486 | 27 |
| sam.33 | 0.9139 | 0.0078 | 0.42311 | 0.00623 | 9.61993 | 0.18533 | 0.16490 | 0.00265 | 2275 | 34 | 2399 | 46 | 2507 | 27 | 2507 | 27 |
| sam.34 | 1.5435 | 0.0057 | 0.27413 | 0.00383 | 3.79261 | 0.07045 | 0.10034 | 0.00161 | 1562 | 22 | 1591 | 30 | 1630 | 30 | 1630 | 30 |
| sam.35 | 0.0916 | 0.0004 | 0.18679 | 0.00270 | 1.97324 | 0.03753 | 0.07662 | 0.00123 | 1104 | 16 | 1106 | 21 | 1111 | 32 | 1111 | 32 |
| sam.36 | 0.4703 | 0.0046 | 0.35144 | 0.00522 | 7.53209 | 0.14597 | 0.15544 | 0.00248 | 1941 | 29 | 2177 | 42 | 2407 | 27 | 2407 | 27 |
| sam.37 | 0.4684 | 0.0020 | 0.31831 | 0.00483 | 5.15488 | 0.10144 | 0.11745 | 0.00188 | 1781 | 27 | 1845 | 36 | 1918 | 29 | 1918 | 29 |
| sam.38 | 0.0844 | 0.0011 | 0.12250 | 0.00188 | 1.16010 | 0.02290 | 0.06868 | 0.00110 | 745 | 11 | 782 | 15 | 889 | 33 | 745 | 11 |
| sam.39 | 0.6278 | 0.0041 | 0.51206 | 0.00759 | 12.83853 | 0.24829 | 0.18184 | 0.00290 | 2665 | 40 | 2668 | 52 | 2670 | 26 | 2670 | 26 |
| sam.40 | 0.3663 | 0.0013 | 0.18103 | 0.00260 | 1.94067 | 0.03674 | 0.07775 | 0.00125 | 1073 | 15 | 1095 | 21 | 1141 | 32 | 1141 | 32 |
| sam.41 | 0.8638 | 0.0039 | 0.47854 | 0.00680 | 10.98493 | 0.20787 | 0.16649 | 0.00267 | 2521 | 36 | 2522 | 48 | 2523 | 27 | 2523 | 27 |
| sam.42 | 0.4711 | 0.0029 | 0.20812 | 0.00286 | 2.52757 | 0.04692 | 0.08808 | 0.00141 | 1219 | 17 | 1280 | 24 | 1384 | 31 | 1384 | 31 |
| sam.43 | 0.1694 | 0.0010 | 0.10885 | 0.00154 | 0.93323 | 0.01767 | 0.06218 | 0.00100 | 666 | 9 | 669 | 13 | 680 | 34 | 666 | 9 |
| sam.44 | 0.9268 | 0.0017 | 0.45130 | 0.00656 | 10.19494 | 0.19412 | 0.16384 | 0.00261 | 2401 | 35 | 2453 | 47 | 2496 | 27 | 2496 | 27 |
| sam.45 | 0.7616 | 0.0053 | 0.17914 | 0.00263 | 1.84559 | 0.03535 | 0.07472 | 0.00120 | 1062 | 16 | 1062 | 20 | 1061 | 32 | 1061 | 32 |
| sam.46 | 0.5459 | 0.0014 | 0.37860 | 0.00542 | 6.77298 | 0.12708 | 0.12975 | 0.00207 | 2070 | 30 | 2082 | 39 | 2095 | 28 | 2095 | 28 |
| sam.47 | 0.5297 | 0.0039 | 0.21806 | 0.00304 | 2.59070 | 0.04854 | 0.08617 | 0.00140 | 1272 | 18 | 1298 | 24 | 1342 | 31 | 1342 | 31 |
| sam.48 | 0.7604 | 0.0022 | 0.15363 | 0.00215 | 1.55406 | 0.02953 | 0.07337 | 0.00120 | 921 | 13 | 952 | 18 | 1024 | 33 | 1024 | 33 |
| sam.49 | 1.1518 | 0.0065 | 0.20133 | 0.00277 | 2.71363 | 0.05166 | 0.09775 | 0.00161 | 1182 | 16 | 1332 | 25 | 1582 | 31 | 1582 | 31 |
| sam.50 | 0.9805 | 0.0143 | 0.13586 | 0.00201 | 1.24332 | 0.02902 | 0.06637 | 0.00135 | 821 | 12 | 820 | 19 | 818 | 42 | 821 | 12 |
| sam.51 | 0.2496 | 0.0008 | 0.13352 | 0.00179 | 1.30549 | 0.02397 | 0.07092 | 0.00114 | 808 | 11 | 848 | 16 | 955 | 33 | 808 | 11 |
| sam.52 | 0.5096 | 0.0113 | 0.12098 | 0.00167 | 1.06664 | 0.02060 | 0.06394 | 0.00108 | 736 | 10 | 737 | 14 | 740 | 36 | 736 | 10 |
| sam.53 | 0.9387 | 0.0111 | 0.16689 | 0.00260 | 1.65933 | 0.03310 | 0.07211 | 0.00115 | 995 | 16 | 993 | 20 | 989 | 33 | 995 | 16 |
| sam.54 | 0.2578 | 0.0051 | 0.13082 | 0.00191 | 1.18602 | 0.02275 | 0.06575 | 0.00105 | 793 | 12 | 794 | 15 | 799 | 34 | 793 | 12 |
| sam.55 | 1.2420 | 0.0034 | 0.44081 | 0.00616 | 9.88101 | 0.18474 | 0.16257 | 0.00260 | 2354 | 33 | 2424 | 45 | 2483 | 27 | 2483 | 27 |
| sam.56 | 1.2233 | 0.0072 | 0.15870 | 0.00225 | 1.56300 | 0.02967 | 0.07143 | 0.00118 | 950 | 13 | 956 | 18 | 970 | 34 | 950 | 13 |
| sam.57 | 1.4634 | 0.0079 | 0.43529 | 0.00638 | 9.48666 | 0.18706 | 0.15806 | 0.00256 | 2330 | 34 | 2386 | 47 | 2435 | 27 | 2435 | 27 |
| sam.58 | 0.8510 | 0.0040 | 0.11882 | 0.00182 | 1.21951 | 0.02553 | 0.07444 | 0.00121 | 724 | 11 | 810 | 17 | 1053 | 33 | 724 | 11 |
| sam.59 | 0.4729 | 0.0116 | 0.16608 | 0.00236 | 1.65603 | 0.03832 | 0.07232 | 0.00150 | 990 | 14 | 992 | 23 | 995 | 42 | 990 | 14 |
| sam.60 | 0.3677 | 0.0007 | 0.27302 | 0.00377 | 5.51176 | 0.10192 | 0.14642 | 0.00233 | 1556 | 21 | 1902 | 35 | 2304 | 27 | 2304 | 27 |
| sam.61 | 0.4946 | 0.0016 | 0.17098 | 0.00248 | 1.72270 | 0.03303 | 0.07307 | 0.00122 | 1018 | 15 | 1017 | 20 | 1016 | 34 | 1016 | 34 |
| sam.62 | 0.4975 | 0.0016 | 0.44209 | 0.00619 | 9.71548 | 0.18100 | 0.15939 | 0.00254 | 2360 | 33 | 2408 | 45 | 2449 | 27 | 2449 | 27 |
| sam.63 | 1.0856 | 0.0226 | 0.16228 | 0.00247 | 1.58602 | 0.03229 | 0.07088 | 0.00117 | 969 | 15 | 965 | 20 | 954 | 34 | 969 | 15 |
| sam.64 | 0.3928 | 0.0025 | 0.11248 | 0.00156 | 0.96682 | 0.01847 | 0.06234 | 0.00104 | 687 | 10 | 687 | 13 | 686 | 35 | 687 | 10 |
| sam.65 | 0.7459 | 0.0025 | 0.18341 | 0.00258 | 2.38444 | 0.04508 | 0.09429 | 0.00152 | 1086 | 15 | 1238 | 23 | 1514 | 30 | 1514 | 30 |
| sam.66 | 0.5583 | 0.0021 | 0.46709 | 0.00677 | 10.37675 | 0.19745 | 0.16113 | 0.00258 | 2471 | 36 | 2469 | 47 | 2468 | 27 | 2468 | 27 |
| sam.67 | 0.3025 | 0.0009 | 0.17192 | 0.00259 | 2.93487 | 0.06300 | 0.12381 | 0.00206 | 1023 | 15 | 1391 | 30 | 2012 | 30 | 2012 | 30 |
| sam.68 | 0.6023 | 0.0151 | 0.15940 | 0.00219 | 1.56588 | 0.02889 | 0.07125 | 0.00114 | 953 | 13 | 957 | 18 | 964 | 33 | 953 | 13 |
| sam.69 | 0.3227 | 0.0009 | 0.16751 | 0.00245 | 1.67385 | 0.03212 | 0.07247 | 0.00117 | 998 | 15 | 999 | 19 | 999 | 33 | 998 | 15 |
| sam.70 | 0.8171 | 0.0108 | 0.23965 | 0.00367 | 2.91392 | 0.05769 | 0.08819 | 0.00142 | 1385 | 21 | 1386 | 27 | 1387 | 31 | 1387 | 31 |
| sam.71 | 0.5869 | 0.0034 | 0.24801 | 0.00347 | 3.32863 | 0.06311 | 0.09734 | 0.00160 | 1428 | 20 | 1488 | 28 | 1574 | 31 | 1574 | 31 |
| sam.72 | 1.0587 | 0.0026 | 0.46761 | 0.00664 | 10.45219 | 0.19822 | 0.16212 | 0.00262 | 2473 | 35 | 2476 | 47 | 2478 | 27 | 2478 | 27 |
| sam.73 | 0.2468 | 0.0014 | 0.15510 | 0.00215 | 1.49911 | 0.02786 | 0.07010 | 0.00115 | 929 | 13 | 930 | 17 | 931 | 34 | 929 | 13 |
| sam.74 | 0.0799 | 0.0003 | 0.15870 | 0.00223 | 1.56121 | 0.02933 | 0.07135 | 0.00115 | 950 | 13 | 955 | 18 | 967 | 33 | 950 | 13 |
| sam.75 | 1.3927 | 0.0133 | 0.12296 | 0.00167 | 1.14367 | 0.02357 | 0.06746 | 0.00124 | 748 | 10 | 774 | 16 | 852 | 38 | 748 | 10 |
| sam.76 | 0.2007 | 0.0018 | 0.56600 | 0.00943 | 17.58649 | 0.38318 | 0.22535 | 0.00367 | 2891 | 48 | 2967 | 65 | 3019 | 26 | 3019 | 26 |
| sam.77 | 1.0161 | 0.0374 | 0.20611 | 0.00286 | 2.28969 | 0.04350 | 0.08057 | 0.00133 | 1208 | 17 | 1209 | 23 | 1211 | 33 | 1211 | 33 |
| sam.78 | 0.2817 | 0.0052 | 0.17655 | 0.00258 | 3.05504 | 0.06290 | 0.12550 | 0.00211 | 1048 | 15 | 1421 | 29 | 2036 | 30 | 2036 | 30 |
| sam.79 | 0.6571 | 0.0054 | 0.16268 | 0.00233 | 1.60651 | 0.03243 | 0.07162 | 0.00126 | 972 | 14 | 973 | 20 | 975 | 36 | 972 | 14 |
| sam.80 | 0.2292 | 0.0011 | 0.15672 | 0.00215 | 1.60002 | 0.03189 | 0.07405 | 0.00130 | 939 | 13 | 970 | 19 | 1043 | 35 | 939 | 13 |
| sam.81 | 0.3169 | 0.0016 | 0.13181 | 0.00192 | 1.25201 | 0.02831 | 0.06889 | 0.00138 | 798 | 12 | 824 | 19 | 895 | 41 | 798 | 12 |
| sam.82 | 2.4381 | 0.0200 | 0.08793 | 0.00134 | 0.71927 | 0.01460 | 0.05933 | 0.00101 | 543 | 8 | 550 | 11 | 579 | 37 | 543 | 8 |
| sam.83 | 0.3878 | 0.0067 | 0.52533 | 0.00766 | 22.14675 | 0.43538 | 0.30576 | 0.00503 | 2722 | 40 | 3190 | 63 | 3500 | 25 | 3500 | 25 |
| sam.84 | 0.0628 | 0.0016 | 0.36644 | 0.00515 | 8.17344 | 0.15465 | 0.16177 | 0.00264 | 2013 | 28 | 2250 | 43 | 2474 | 27 | 2474 | 27 |
| sam.85 | 0.1915 | 0.0019 | 0.17813 | 0.00266 | 1.82823 | 0.03514 | 0.07444 | 0.00125 | 1057 | 16 | 1056 | 20 | 1053 | 34 | 1053 | 34 |
| sam.86 | 0.6876 | 0.0078 | 0.20944 | 0.00316 | 2.35059 | 0.04628 | 0.08140 | 0.00132 | 1226 | 18 | 1228 | 24 | 1231 | 32 | 1231 | 32 |
| sam.87 | 0.9152 | 0.0071 | 0.16159 | 0.00233 | 1.58896 | 0.03037 | 0.07132 | 0.00115 | 966 | 14 | 966 | 18 | 967 | 33 | 966 | 14 |
| sam.88 | 0.1884 | 0.0008 | 0.28450 | 0.00391 | 4.03908 | 0.07496 | 0.10297 | 0.00166 | 1614 | 22 | 1642 | 30 | 1678 | 30 | 1678 | 30 |
| sam.89 | 0.5839 | 0.0030 | 0.27344 | 0.00396 | 3.63042 | 0.07013 | 0.09629 | 0.00159 | 1558 | 23 | 1556 | 30 | 1553 | 31 | 1553 | 31 |
| sam.90 | 0.4125 | 0.0025 | 0.17511 | 0.00239 | 2.01829 | 0.03717 | 0.08359 | 0.00134 | 1040 | 14 | 1122 | 21 | 1283 | 31 | 1283 | 31 |
| sam.91 | 0.8532 | 0.0031 | 0.44800 | 0.00679 | 9.48869 | 0.18466 | 0.15361 | 0.00246 | 2386 | 36 | 2386 | 46 | 2387 | 27 | 2387 | 27 |
| sam.92 | 0.6750 | 0.0040 | 0.53237 | 0.00783 | 14.52611 | 0.27977 | 0.19789 | 0.00316 | 2751 | 40 | 2785 | 54 | 2809 | 26 | 2809 | 26 |
| sam.93 | 0.0263 | 0.0001 | 0.23772 | 0.00355 | 3.13243 | 0.06120 | 0.09557 | 0.00153 | 1375 | 21 | 1441 | 28 | 1539 | 30 | 1539 | 30 |
| sam.94 | 0.5770 | 0.0034 | 0.46525 | 0.00649 | 10.29640 | 0.19153 | 0.16051 | 0.00256 | 2463 | 34 | 2462 | 46 | 2461 | 27 | 2461 | 27 |
| sam.95 | 0.1293 | 0.0007 | 0.12469 | 0.00181 | 1.11797 | 0.02112 | 0.06503 | 0.00104 | 758 | 11 | 762 | 14 | 775 | 34 | 758 | 11 |
| sam.96 | 0.7154 | 0.0231 | 0.20528 | 0.00279 | 2.32684 | 0.04264 | 0.08221 | 0.00131 | 1204 | 16 | 1221 | 22 | 1251 | 31 | 1251 | 31 |
| sam.97 | 0.1922 | 0.0011 | 0.14405 | 0.00232 | 1.36252 | 0.02798 | 0.06860 | 0.00110 | 868 | 14 | 873 | 18 | 887 | 33 | 868 | 14 |
| sam.98 | 0.4479 | 0.0185 | 0.32861 | 0.00476 | 5.08251 | 0.09708 | 0.11218 | 0.00180 | 1832 | 27 | 1833 | 35 | 1835 | 29 | 1835 | 29 |
| sam.99 | 0.9373 | 0.0043 | 0.07964 | 0.00116 | 0.62561 | 0.01367 | 0.05697 | 0.00110 | 494 | 7 | 493 | 11 | 491 | 43 | 494 | 7 |
| sam.100 | 0.0759 | 0.0008 | 0.21411 | 0.00300 | 3.02858 | 0.05784 | 0.10259 | 0.00167 | 1251 | 18 | 1415 | 27 | 1671 | 30 | 1671 | 30 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Silurian Saishenteng Group sample WC071815-5 | | | | | | | | | | | | | | | | |
| sam.01 | 0.8154 | 0.0072 | 0.2784 | 0.0035 | 3.7531 | 0.0660 | 0.0978 | 0.0014 | 1583 | 20 | 1583 | 28 | 1582 | 26 | 1582 | 26 |
| sam.02 | 1.1730 | 0.0078 | 0.0733 | 0.0008 | 0.5666 | 0.0103 | 0.0561 | 0.0009 | 456 | 5 | 456 | 8 | 456 | 36 | 456 | 5 |
| sam.03 | 0.8092 | 0.0129 | 0.0715 | 0.0008 | 0.5475 | 0.0081 | 0.0555 | 0.0007 | 445 | 5 | 443 | 7 | 432 | 28 | 445 | 5 |
| sam.04 | 0.5644 | 0.0032 | 0.1236 | 0.0014 | 1.0908 | 0.0166 | 0.0640 | 0.0008 | 751 | 8 | 749 | 11 | 741 | 27 | 751 | 8 |
| sam.05 | 0.4552 | 0.0041 | 0.3058 | 0.0035 | 4.4752 | 0.0642 | 0.1062 | 0.0013 | 1720 | 20 | 1726 | 25 | 1734 | 22 | 1734 | 22 |
| sam.06 | 0.4064 | 0.0110 | 0.2016 | 0.0026 | 2.1976 | 0.0346 | 0.0791 | 0.0009 | 1184 | 15 | 1180 | 19 | 1174 | 23 | 1174 | 23 |
| sam.07 | 0.6569 | 0.0034 | 0.2716 | 0.0029 | 4.5255 | 0.0609 | 0.1209 | 0.0014 | 1549 | 16 | 1736 | 23 | 1969 | 21 | 1969 | 21 |
| sam.08 | 0.3257 | 0.0009 | 0.1401 | 0.0017 | 1.2916 | 0.0184 | 0.0669 | 0.0008 | 845 | 10 | 842 | 12 | 833 | 24 | 845 | 10 |
| sam.09 | 0.6978 | 0.0012 | 0.0708 | 0.0008 | 0.5530 | 0.0087 | 0.0566 | 0.0008 | 441 | 5 | 447 | 7 | 477 | 30 | 441 | 5 |
| sam.10 | 0.8433 | 0.0046 | 0.2022 | 0.0022 | 2.2445 | 0.0303 | 0.0805 | 0.0009 | 1187 | 13 | 1195 | 16 | 1210 | 23 | 1210 | 23 |
| sam.11 | 0.1525 | 0.0034 | 0.1846 | 0.0019 | 1.9579 | 0.0256 | 0.0769 | 0.0009 | 1092 | 11 | 1101 | 14 | 1119 | 23 | 1119 | 23 |
| sam.12 | 0.3789 | 0.0201 | 0.5835 | 0.0066 | 18.2316 | 0.2793 | 0.2266 | 0.0028 | 2963 | 33 | 3002 | 46 | 3028 | 19 | 3028 | 19 |
| sam.13 | 0.6529 | 0.0101 | 0.3055 | 0.0037 | 4.4298 | 0.0630 | 0.1052 | 0.0012 | 1718 | 21 | 1718 | 24 | 1717 | 21 | 1717 | 21 |
| sam.14 | 0.8338 | 0.0017 | 0.0824 | 0.0010 | 0.6584 | 0.0092 | 0.0579 | 0.0007 | 511 | 6 | 514 | 7 | 527 | 25 | 511 | 6 |
| sam.15 | 0.2793 | 0.0067 | 0.2016 | 0.0022 | 2.1936 | 0.0297 | 0.0789 | 0.0009 | 1184 | 13 | 1179 | 16 | 1171 | 23 | 1171 | 23 |
| sam.16 | 0.9716 | 0.0043 | 0.0728 | 0.0008 | 0.5719 | 0.0081 | 0.0570 | 0.0007 | 453 | 5 | 459 | 6 | 490 | 27 | 453 | 5 |
| sam.19 | 0.9506 | 0.0152 | 0.1697 | 0.0019 | 1.7115 | 0.0285 | 0.0732 | 0.0011 | 1010 | 11 | 1013 | 17 | 1018 | 30 | 1018 | 30 |
| sam.20 | 0.1060 | 0.0003 | 0.2508 | 0.0027 | 3.2068 | 0.0421 | 0.0927 | 0.0011 | 1443 | 15 | 1459 | 19 | 1483 | 22 | 1483 | 22 |
| sam.21 | 0.7765 | 0.0047 | 0.6239 | 0.0067 | 24.8230 | 0.3357 | 0.2886 | 0.0033 | 3125 | 34 | 3301 | 45 | 3410 | 18 | 3410 | 18 |
| sam.22 | 0.6190 | 0.0033 | 0.3419 | 0.0039 | 5.5014 | 0.0756 | 0.1167 | 0.0013 | 1896 | 22 | 1901 | 26 | 1906 | 21 | 1906 | 21 |
| sam.23 | 1.1165 | 0.0099 | 0.0755 | 0.0008 | 0.5840 | 0.0316 | 0.0561 | 0.0030 | 469 | 5 | 467 | 25 | 456 | 119 | 469 | 5 |
| sam.24 | 0.3265 | 0.0024 | 0.3218 | 0.0039 | 4.8769 | 0.0700 | 0.1099 | 0.0013 | 1798 | 22 | 1798 | 26 | 1798 | 21 | 1798 | 21 |
| sam.25 | 0.7738 | 0.0025 | 0.0732 | 0.0009 | 0.5704 | 0.0091 | 0.0565 | 0.0008 | 455 | 5 | 458 | 7 | 474 | 31 | 455 | 5 |
| sam.26 | 0.5601 | 0.0022 | 0.2018 | 0.0023 | 2.2364 | 0.0306 | 0.0804 | 0.0009 | 1185 | 13 | 1193 | 16 | 1206 | 23 | 1206 | 23 |
| sam.25 | 0.7788 | 0.0086 | 0.0736 | 0.0008 | 0.5743 | 0.0083 | 0.0566 | 0.0007 | 458 | 5 | 461 | 7 | 475 | 29 | 458 | 5 |
| sam.26 | 0.1605 | 0.0052 | 0.2015 | 0.0023 | 2.1982 | 0.0303 | 0.0791 | 0.0009 | 1183 | 13 | 1180 | 16 | 1175 | 23 | 1175 | 23 |
| sam.27 | 0.3320 | 0.0024 | 0.1612 | 0.0018 | 1.6036 | 0.0223 | 0.0722 | 0.0008 | 963 | 11 | 972 | 14 | 991 | 24 | 963 | 11 |
| sam.28 | 0.5361 | 0.0027 | 0.0747 | 0.0008 | 0.5913 | 0.0086 | 0.0574 | 0.0007 | 464 | 5 | 472 | 7 | 507 | 27 | 464 | 5 |
| sam.29 | 0.6703 | 0.0064 | 0.0750 | 0.0009 | 0.5880 | 0.0092 | 0.0569 | 0.0008 | 466 | 5 | 470 | 7 | 486 | 30 | 466 | 5 |
| sam.30 | 0.4787 | 0.0056 | 0.0754 | 0.0008 | 0.5903 | 0.0121 | 0.0568 | 0.0011 | 468 | 5 | 471 | 10 | 484 | 43 | 468 | 5 |
| sam.31 | 0.1265 | 0.0008 | 0.4948 | 0.0059 | 11.9205 | 0.1794 | 0.1747 | 0.0020 | 2591 | 31 | 2598 | 39 | 2604 | 19 | 2604 | 19 |
| sam.32 | 0.7219 | 0.0023 | 0.1012 | 0.0012 | 0.8471 | 0.0152 | 0.0607 | 0.0009 | 621 | 7 | 623 | 11 | 629 | 33 | 621 | 7 |
| sam.33 | 1.3337 | 0.0093 | 0.0744 | 0.0008 | 0.5852 | 0.0088 | 0.0570 | 0.0007 | 463 | 5 | 468 | 7 | 493 | 27 | 463 | 5 |
| sam.34 | 0.3630 | 0.0008 | 0.0745 | 0.0009 | 0.5830 | 0.0089 | 0.0568 | 0.0007 | 463 | 5 | 466 | 7 | 482 | 27 | 463 | 5 |
| sam.35 | 0.9201 | 0.0039 | 0.2751 | 0.0032 | 3.6783 | 0.0534 | 0.0970 | 0.0011 | 1567 | 18 | 1567 | 23 | 1566 | 22 | 1566 | 22 |
| sam.36 | 0.1568 | 0.0006 | 0.1611 | 0.0019 | 1.5946 | 0.0229 | 0.0718 | 0.0008 | 963 | 11 | 968 | 14 | 980 | 23 | 963 | 11 |
| sam.37 | 0.6531 | 0.0058 | 0.0745 | 0.0009 | 0.5769 | 0.0089 | 0.0562 | 0.0007 | 463 | 6 | 462 | 7 | 460 | 28 | 463 | 6 |
| sam.38 | 0.6885 | 0.0046 | 0.1229 | 0.0014 | 1.1012 | 0.0159 | 0.0650 | 0.0008 | 747 | 8 | 754 | 11 | 774 | 26 | 747 | 8 |
| sam.39 | 0.3854 | 0.0027 | 0.0717 | 0.0008 | 0.5515 | 0.0077 | 0.0558 | 0.0007 | 446 | 5 | 446 | 6 | 444 | 27 | 446 | 5 |
| sam.40 | 0.4145 | 0.0027 | 0.1665 | 0.0019 | 1.6600 | 0.0230 | 0.0723 | 0.0008 | 993 | 11 | 993 | 14 | 995 | 23 | 993 | 11 |
| sam.41 | 0.5577 | 0.0017 | 0.2517 | 0.0030 | 3.1703 | 0.0461 | 0.0914 | 0.0011 | 1447 | 17 | 1450 | 21 | 1454 | 23 | 1454 | 23 |
| sam.42 | 0.7763 | 0.0060 | 0.0960 | 0.0010 | 0.7861 | 0.0105 | 0.0594 | 0.0007 | 591 | 6 | 589 | 8 | 582 | 25 | 591 | 6 |
| sam.43 | 1.1306 | 0.0062 | 0.0756 | 0.0009 | 0.5892 | 0.0362 | 0.0565 | 0.0033 | 470 | 6 | 470 | 29 | 473 | 130 | 470 | 6 |
| sam.44 | 0.3555 | 0.0052 | 0.2600 | 0.0030 | 3.3666 | 0.0475 | 0.0939 | 0.0011 | 1490 | 17 | 1497 | 21 | 1506 | 22 | 1506 | 22 |
| sam.45 | 0.5565 | 0.0043 | 0.0751 | 0.0008 | 0.5901 | 0.0097 | 0.0570 | 0.0009 | 467 | 5 | 471 | 8 | 491 | 33 | 467 | 5 |
| sam.46 | 0.1964 | 0.0004 | 0.1609 | 0.0017 | 1.5582 | 0.0209 | 0.0702 | 0.0008 | 962 | 10 | 954 | 13 | 935 | 24 | 962 | 10 |
| sam.47 | 0.3192 | 0.0022 | 0.0753 | 0.0008 | 0.5905 | 0.0083 | 0.0569 | 0.0007 | 468 | 5 | 471 | 7 | 488 | 27 | 468 | 5 |
| sam.48 | 0.1027 | 0.0008 | 0.1516 | 0.0016 | 1.4551 | 0.0196 | 0.0696 | 0.0008 | 910 | 10 | 912 | 12 | 917 | 24 | 910 | 10 |
| sam.49 | 0.8763 | 0.0009 | 0.0770 | 0.0008 | 0.6035 | 0.0113 | 0.0568 | 0.0010 | 478 | 5 | 479 | 9 | 484 | 38 | 478 | 5 |
| sam.50 | 0.3520 | 0.0006 | 0.1628 | 0.0017 | 1.6042 | 0.0213 | 0.0715 | 0.0008 | 972 | 10 | 972 | 13 | 971 | 24 | 972 | 10 |
| sam.51 | 1.2679 | 0.0100 | 0.0770 | 0.0009 | 0.6048 | 0.0178 | 0.0569 | 0.0016 | 478 | 5 | 480 | 14 | 489 | 60 | 478 | 5 |
| sam.52 | 0.6212 | 0.0036 | 0.0765 | 0.0008 | 0.6045 | 0.0084 | 0.0573 | 0.0007 | 475 | 5 | 480 | 7 | 505 | 27 | 475 | 5 |
| sam.53 | 0.6674 | 0.0207 | 0.1630 | 0.0017 | 1.5602 | 0.0206 | 0.0694 | 0.0008 | 974 | 10 | 955 | 13 | 911 | 24 | 974 | 10 |
| sam.54 | 1.0566 | 0.0082 | 0.0753 | 0.0008 | 0.5870 | 0.0093 | 0.0565 | 0.0008 | 468 | 5 | 469 | 7 | 473 | 32 | 468 | 5 |
| sam.55 | 1.2160 | 0.0068 | 0.0788 | 0.0009 | 0.6235 | 0.0157 | 0.0574 | 0.0013 | 489 | 5 | 492 | 12 | 506 | 50 | 489 | 5 |
| sam.56 | 1.6025 | 0.0026 | 0.1474 | 0.0015 | 1.3849 | 0.0248 | 0.0681 | 0.0011 | 887 | 9 | 883 | 16 | 872 | 34 | 887 | 9 |
| sam.57 | 0.6497 | 0.0032 | 0.3079 | 0.0033 | 4.2678 | 0.0588 | 0.1005 | 0.0012 | 1730 | 19 | 1687 | 23 | 1634 | 23 | 1634 | 23 |
| sam.58 | 0.7850 | 0.0043 | 0.0770 | 0.0008 | 0.6026 | 0.0160 | 0.0567 | 0.0015 | 478 | 5 | 479 | 13 | 481 | 57 | 478 | 5 |
| sam.59 | 0.6543 | 0.0012 | 0.1773 | 0.0019 | 1.8159 | 0.0327 | 0.0743 | 0.0013 | 1052 | 11 | 1051 | 19 | 1049 | 34 | 1049 | 34 |
| sam.60 | 1.1233 | 0.0053 | 0.0889 | 0.0009 | 0.7168 | 0.0108 | 0.0584 | 0.0008 | 549 | 6 | 549 | 8 | 547 | 30 | 549 | 6 |
| sam.61 | 0.5580 | 0.0040 | 0.1605 | 0.0017 | 1.5586 | 0.0208 | 0.0704 | 0.0008 | 960 | 10 | 954 | 13 | 941 | 24 | 960 | 10 |
| sam.62 | 0.4575 | 0.0019 | 0.2039 | 0.0022 | 2.0123 | 0.0292 | 0.0716 | 0.0009 | 1196 | 13 | 1120 | 16 | 974 | 26 | 974 | 26 |
| sam.63 | 0.7205 | 0.0029 | 0.2667 | 0.0029 | 3.4665 | 0.0579 | 0.0943 | 0.0014 | 1524 | 16 | 1520 | 25 | 1513 | 29 | 1513 | 29 |
| sam.64 | 1.3086 | 0.0027 | 0.0820 | 0.0009 | 0.6494 | 0.0138 | 0.0574 | 0.0012 | 508 | 5 | 508 | 11 | 507 | 44 | 508 | 5 |
| sam.65 | 1.0028 | 0.0030 | 0.0873 | 0.0009 | 0.7085 | 0.0098 | 0.0589 | 0.0007 | 539 | 6 | 544 | 8 | 563 | 26 | 539 | 6 |
| sam.66 | 1.6505 | 0.0065 | 0.3921 | 0.0042 | 6.4554 | 0.0874 | 0.1194 | 0.0014 | 2132 | 23 | 2040 | 28 | 1947 | 21 | 1947 | 21 |
| sam.67 | 0.6156 | 0.0009 | 0.0875 | 0.0012 | 0.7046 | 0.0160 | 0.0584 | 0.0009 | 541 | 7 | 542 | 12 | 544 | 32 | 541 | 7 |
| sam.68 | 0.7329 | 0.0016 | 0.3208 | 0.0034 | 4.4956 | 0.0603 | 0.1016 | 0.0012 | 1794 | 19 | 1730 | 23 | 1654 | 22 | 1654 | 22 |
| sam.69 | 0.5455 | 0.0052 | 0.0751 | 0.0008 | 0.5946 | 0.0084 | 0.0574 | 0.0007 | 467 | 5 | 474 | 7 | 507 | 27 | 467 | 5 |
| sam.70 | 0.6178 | 0.0034 | 0.3496 | 0.0037 | 5.1235 | 0.0677 | 0.1063 | 0.0012 | 1933 | 21 | 1840 | 24 | 1737 | 21 | 1737 | 21 |
| sam.71 | 0.4559 | 0.0006 | 0.3228 | 0.0034 | 4.5937 | 0.0608 | 0.1032 | 0.0012 | 1803 | 19 | 1748 | 23 | 1683 | 21 | 1683 | 21 |
| sam.72 | 0.9781 | 0.0019 | 0.0893 | 0.0009 | 0.7198 | 0.0098 | 0.0584 | 0.0007 | 552 | 6 | 551 | 7 | 546 | 26 | 552 | 6 |
| sam.73 | 0.5117 | 0.0007 | 0.2713 | 0.0029 | 3.4045 | 0.0473 | 0.0910 | 0.0011 | 1547 | 16 | 1505 | 21 | 1447 | 23 | 1447 | 23 |
| sam.74 | 1.4490 | 0.0034 | 0.1622 | 0.0017 | 1.6111 | 0.0306 | 0.0721 | 0.0012 | 969 | 10 | 975 | 19 | 988 | 35 | 969 | 10 |
| sam.75 | 1.9451 | 0.0060 | 0.0886 | 0.0010 | 0.7176 | 0.0163 | 0.0587 | 0.0013 | 547 | 6 | 549 | 12 | 557 | 47 | 547 | 6 |
| sam.76 | 0.4874 | 0.0014 | 0.0882 | 0.0009 | 0.7117 | 0.0096 | 0.0585 | 0.0007 | 545 | 6 | 546 | 7 | 550 | 26 | 545 | 6 |
| sam.77 | 0.1117 | 0.0011 | 0.1456 | 0.0025 | 1.7591 | 0.0519 | 0.0876 | 0.0015 | 876 | 15 | 1031 | 30 | 1375 | 34 | / | / |
| sam.78 | 1.2747 | 0.0022 | 0.0754 | 0.0009 | 0.5898 | 0.0326 | 0.0567 | 0.0032 | 469 | 5 | 471 | 26 | 480 | 124 | 469 | 5 |
| sam.79 | 0.8760 | 0.0019 | 0.3864 | 0.0041 | 7.4292 | 0.0974 | 0.1395 | 0.0016 | 2106 | 22 | 2164 | 28 | 2221 | 20 | 2221 | 20 |
| sam.80 | 1.1339 | 0.0089 | 0.2636 | 0.0041 | 3.5427 | 0.0615 | 0.0975 | 0.0012 | 1508 | 23 | 1537 | 27 | 1576 | 23 | 1576 | 23 |
| sam.81 | 1.3668 | 0.0041 | 0.0889 | 0.0009 | 0.7237 | 0.0121 | 0.0591 | 0.0009 | 549 | 6 | 553 | 9 | 570 | 33 | 549 | 6 |
| sam.82 | 0.7258 | 0.0044 | 0.0863 | 0.0009 | 0.6871 | 0.0108 | 0.0577 | 0.0008 | 534 | 6 | 531 | 8 | 519 | 31 | 534 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Devonian Maoniushan Formation sample WC050514-1 | | | | | | | | | | | | | | | | |
| sam.01 | 0.54 | 0.02 | 0.06747 | 0.00047 | 0.52138 | 0.01038 | 0.05607 | 0.00123 | 421 | 3 | 426 | 7 | 455 | 32 | 421 | 3 |
| sam.02 | 2.44 | 0.01 | 0.08244 | 0.00097 | 0.66872 | 0.03989 | 0.05886 | 0.00358 | 511 | 6 | 520 | 24 | 562 | 110 | 511 | 6 |
| sam.03 | 1.09 | 0.01 | 0.13768 | 0.001 | 1.26593 | 0.03449 | 0.06669 | 0.00188 | 832 | 6 | 831 | 15 | 828 | 60 | 832 | 6 |
| sam.04 | 0.24 | 0.04 | 0.1389 | 0.00094 | 1.28745 | 0.02337 | 0.06723 | 0.0013 | 838 | 5 | 840 | 10 | 845 | 41 | 838 | 5 |
| sam.05 | 1.35 | 0.01 | 0.2867 | 0.00264 | 4.16972 | 0.11595 | 0.10548 | 0.00309 | 1625 | 13 | 1668 | 23 | 1723 | 55 | 1723 | 55 |
| sam.06 | 0.89 | 0.01 | 0.07193 | 0.00118 | 0.57109 | 0.0437 | 0.05761 | 0.00449 | 448 | 7 | 459 | 28 | 515 | 141 | 448 | 7 |
| sam.07 | 0.45 | 0.02 | 0.07104 | 0.00057 | 0.56366 | 0.0154 | 0.05757 | 0.00167 | 442 | 3 | 454 | 10 | 513 | 46 | 442 | 3 |
| sam.08 | 0.20 | 0.05 | 0.14348 | 0.00094 | 1.33424 | 0.01904 | 0.06747 | 0.00114 | 864 | 5 | 861 | 8 | 852 | 19 | 864 | 5 |
| sam.09 | 0.61 | 0.02 | 0.06465 | 0.00044 | 0.50216 | 0.00951 | 0.05636 | 0.00119 | 404 | 3 | 413 | 6 | 467 | 30 | 404 | 3 |
| sam.10 | 0.63 | 0.02 | 0.06406 | 0.00068 | 0.48302 | 0.02432 | 0.05471 | 0.00282 | 400 | 4 | 400 | 17 | 400 | 94 | 400 | 4 |
| sam.11 | 0.87 | 0.01 | 0.06199 | 0.00047 | 0.47503 | 0.01227 | 0.0556 | 0.00154 | 388 | 3 | 395 | 8 | 436 | 44 | 388 | 3 |
| sam.12 | 0.96 | 0.01 | 0.06375 | 0.00045 | 0.5003 | 0.01045 | 0.05694 | 0.00131 | 398 | 3 | 412 | 7 | 489 | 34 | 398 | 3 |
| sam.13 | 0.12 | 0.08 | 0.13347 | 0.00089 | 1.24098 | 0.01839 | 0.06746 | 0.00117 | 808 | 5 | 819 | 8 | 852 | 20 | 808 | 5 |
| sam.14 | 0.71 | 0.01 | 0.06977 | 0.00046 | 0.5652 | 0.00999 | 0.05878 | 0.00117 | 435 | 3 | 455 | 6 | 559 | 27 | 435 | 3 |
| sam.15 | 0.40 | 0.02 | 0.07157 | 0.0005 | 0.57447 | 0.0112 | 0.05824 | 0.00126 | 446 | 3 | 461 | 7 | 539 | 30 | 446 | 3 |
| sam.16 | 0.45 | 0.02 | 0.07104 | 0.00045 | 0.54114 | 0.0082 | 0.05527 | 0.00098 | 442 | 3 | 439 | 5 | 423 | 22 | 442 | 3 |
| sam.19 | 0.44 | 0.02 | 0.07072 | 0.00047 | 0.58713 | 0.00996 | 0.06024 | 0.00116 | 440 | 3 | 469 | 6 | 612 | 25 | 440 | 3 |
| sam.20 | 0.69 | 0.01 | 0.06982 | 0.00054 | 0.5443 | 0.014 | 0.05656 | 0.00156 | 435 | 3 | 441 | 9 | 474 | 43 | 435 | 3 |
| sam.21 | 0.10 | 0.1 | 0.14335 | 0.00095 | 1.3664 | 0.01878 | 0.06916 | 0.00113 | 864 | 5 | 875 | 8 | 904 | 18 | 864 | 5 |
| sam.22 | 0.35 | 0.03 | 0.08187 | 0.00543 | 0.67865 | 0.24693 | 0.06015 | 0.02209 | 507 | 32 | 526 | 149 | 609 | 597 | 507 | 32 |
| sam.23 | 0.46 | 0.02 | 0.18331 | 0.00188 | 1.91827 | 0.05509 | 0.07593 | 0.0023 | 1085 | 10 | 1087 | 19 | 1093 | 41 | 1093 | 41 |
| sam.24 | 0.56 | 0.02 | 0.07376 | 0.00071 | 0.5861 | 0.02154 | 0.05765 | 0.00221 | 459 | 4 | 468 | 14 | 516 | 64 | 459 | 4 |
| sam.25 | 0.51 | 0.02 | 0.22995 | 0.00194 | 2.70501 | 0.05217 | 0.08535 | 0.00181 | 1334 | 10 | 1330 | 14 | 1324 | 24 | 1324 | 24 |
| sam.26 | 0.06 | 0.17 | 0.17041 | 0.00114 | 1.7156 | 0.02346 | 0.07304 | 0.00119 | 1014 | 6 | 1014 | 9 | 1015 | 17 | 1015 | 17 |
| sam.25 | 0.53 | 0.02 | 0.07162 | 0.00052 | 0.57302 | 0.01192 | 0.05805 | 0.00133 | 446 | 3 | 460 | 8 | 532 | 33 | 446 | 3 |
| sam.26 | 0.54 | 0.02 | 0.07983 | 0.00058 | 0.65542 | 0.01327 | 0.05956 | 0.00133 | 495 | 3 | 512 | 8 | 588 | 31 | 495 | 3 |
| sam.27 | 0.57 | 0.02 | 0.2872 | 0.00185 | 4.12916 | 0.04202 | 0.10431 | 0.00139 | 1628 | 9 | 1660 | 8 | 1702 | 10 | 1702 | 10 |
| sam.28 | 0.50 | 0.02 | 0.12591 | 0.00097 | 1.12699 | 0.02359 | 0.06494 | 0.00149 | 764 | 6 | 766 | 11 | 772 | 31 | 764 | 6 |
| sam.29 | 0.22 | 0.05 | 0.06899 | 0.00059 | 0.53569 | 0.01556 | 0.05633 | 0.00173 | 430 | 4 | 436 | 10 | 465 | 49 | 430 | 4 |
| sam.30 | 0.29 | 0.03 | 0.06548 | 0.00046 | 0.52248 | 0.0104 | 0.05789 | 0.00127 | 409 | 3 | 427 | 7 | 526 | 31 | 409 | 3 |
| sam.31 | 0.24 | 0.04 | 0.06831 | 0.00048 | 0.52681 | 0.01081 | 0.05595 | 0.00126 | 426 | 3 | 430 | 7 | 450 | 33 | 426 | 3 |
| sam.32 | 0.54 | 0.02 | 0.18155 | 0.00151 | 1.95324 | 0.04078 | 0.07805 | 0.00178 | 1075 | 8 | 1100 | 14 | 1148 | 28 | 1148 | 28 |
| sam.33 | 0.57 | 0.02 | 0.44687 | 0.00414 | 9.54307 | 0.16682 | 0.15488 | 0.00306 | 2381 | 18 | 2392 | 16 | 2401 | 34 | 2401 | 34 |
| sam.34 | 0.23 | 0.04 | 0.06273 | 0.0005 | 0.47178 | 0.01232 | 0.05457 | 0.00152 | 392 | 3 | 392 | 8 | 395 | 44 | 392 | 3 |
| sam.35 | 0.53 | 0.02 | 0.07414 | 0.00055 | 0.56823 | 0.01376 | 0.0556 | 0.00145 | 461 | 3 | 457 | 9 | 436 | 41 | 461 | 3 |
| sam.36 | 0.63 | 0.02 | 0.0751 | 0.00085 | 0.65 | 0.02675 | 0.06279 | 0.00268 | 467 | 5 | 508 | 16 | 701 | 68 | 467 | 5 |
| sam.37 | 2.08 | 0.01 | 0.27321 | 0.00281 | 3.62643 | 0.08634 | 0.0963 | 0.00244 | 1557 | 14 | 1555 | 19 | 1554 | 29 | 1554 | 29 |
| sam.38 | 0.14 | 0.07 | 0.15132 | 0.00116 | 1.43349 | 0.02847 | 0.06873 | 0.0015 | 908 | 6 | 903 | 12 | 891 | 28 | 908 | 6 |
| sam.39 | 0.54 | 0.02 | 0.07719 | 0.00073 | 0.59227 | 0.01869 | 0.05566 | 0.00185 | 479 | 4 | 472 | 12 | 439 | 53 | 479 | 4 |
| sam.40 | 0.25 | 0.04 | 0.06968 | 0.00051 | 0.53126 | 0.01392 | 0.0553 | 0.0015 | 434 | 3 | 433 | 9 | 424 | 62 | 434 | 3 |
| sam.41 | 0.28 | 0.04 | 0.06823 | 0.00057 | 0.55946 | 0.01771 | 0.05948 | 0.00198 | 425 | 3 | 451 | 12 | 585 | 54 | 425 | 3 |
| sam.42 | 0.52 | 0.02 | 0.0798 | 0.00057 | 0.61948 | 0.0129 | 0.05632 | 0.00129 | 495 | 3 | 490 | 8 | 465 | 33 | 495 | 3 |
| sam.43 | 0.68 | 0.01 | 0.17146 | 0.00208 | 1.72343 | 0.05978 | 0.07292 | 0.00263 | 1020 | 11 | 1017 | 22 | 1012 | 51 | 1012 | 51 |
| sam.44 | 0.59 | 0.02 | 0.0751 | 0.00116 | 0.59067 | 0.04938 | 0.05705 | 0.00484 | 467 | 7 | 471 | 32 | 493 | 159 | 467 | 7 |
| sam.45 | 0.27 | 0.04 | 0.15382 | 0.00124 | 1.4684 | 0.0315 | 0.06925 | 0.00162 | 922 | 7 | 917 | 13 | 906 | 31 | 922 | 7 |
| sam.46 | 0.52 | 0.02 | 0.06965 | 0.00046 | 0.53583 | 0.00892 | 0.05581 | 0.00106 | 434 | 3 | 436 | 6 | 445 | 25 | 434 | 3 |
| sam.47 | 0.58 | 0.02 | 0.07173 | 0.00054 | 0.5515 | 0.01242 | 0.05578 | 0.00136 | 447 | 3 | 446 | 8 | 444 | 37 | 447 | 3 |
| sam.48 | 0.49 | 0.02 | 0.07467 | 0.0006 | 0.57791 | 0.01485 | 0.05615 | 0.00154 | 464 | 4 | 463 | 10 | 458 | 43 | 464 | 4 |
| sam.49 | 0.02 | 0.45 | 0.08634 | 0.00056 | 0.69362 | 0.01059 | 0.05828 | 0.00104 | 534 | 3 | 535 | 6 | 540 | 22 | 534 | 3 |
| sam.50 | 0.20 | 0.05 | 0.15715 | 0.00116 | 1.5318 | 0.02655 | 0.07071 | 0.00138 | 941 | 6 | 943 | 11 | 949 | 23 | 941 | 6 |
| sam.51 | 0.31 | 0.03 | 0.07154 | 0.00073 | 0.52143 | 0.02155 | 0.05287 | 0.00226 | 445 | 4 | 426 | 14 | 323 | 75 | 445 | 4 |
| sam.52 | 0.44 | 0.02 | 0.10537 | 0.00141 | 0.91887 | 0.04752 | 0.06326 | 0.00336 | 646 | 8 | 662 | 25 | 717 | 87 | 646 | 8 |
| sam.53 | 0.70 | 0.01 | 0.07075 | 0.00069 | 0.52001 | 0.02002 | 0.05332 | 0.00213 | 441 | 4 | 425 | 13 | 342 | 70 | 441 | 4 |
| sam.54 | 0.61 | 0.02 | 0.30116 | 0.00283 | 4.31972 | 0.08065 | 0.10405 | 0.00213 | 1697 | 14 | 1697 | 15 | 1698 | 21 | 1698 | 21 |
| sam.55 | 0.94 | 0.01 | 0.08439 | 0.00172 | 0.66828 | 0.05508 | 0.05744 | 0.00483 | 522 | 10 | 520 | 34 | 508 | 146 | 522 | 10 |
| sam.56 | 0.25 | 0.04 | 0.1297 | 0.00103 | 1.16211 | 0.02513 | 0.06499 | 0.00153 | 786 | 6 | 783 | 12 | 774 | 32 | 786 | 6 |
| sam.57 | 0.40 | 0.03 | 0.19333 | 0.0015 | 2.18954 | 0.0374 | 0.08215 | 0.00159 | 1139 | 8 | 1178 | 12 | 1249 | 21 | 1249 | 21 |
| sam.58 | 0.64 | 0.02 | 0.10997 | 0.0009 | 0.94019 | 0.02307 | 0.06202 | 0.00163 | 673 | 5 | 673 | 12 | 675 | 38 | 673 | 5 |
| sam.59 | 0.44 | 0.02 | 0.07895 | 0.00067 | 0.60963 | 0.01874 | 0.05601 | 0.00181 | 490 | 4 | 483 | 12 | 453 | 53 | 490 | 4 |
| sam.60 | 0.73 | 0.01 | 0.2955 | 0.00272 | 4.23933 | 0.08135 | 0.10406 | 0.00219 | 1669 | 14 | 1682 | 16 | 1698 | 22 | 1698 | 22 |
| sam.61 | 0.49 | 0.02 | 0.32116 | 0.00229 | 4.75062 | 0.05697 | 0.10729 | 0.00158 | 1795 | 11 | 1776 | 10 | 1754 | 12 | 1754 | 12 |
| sam.62 | 0.06 | 0.17 | 0.18122 | 0.00124 | 1.89891 | 0.02612 | 0.076 | 0.00124 | 1074 | 7 | 1081 | 9 | 1095 | 17 | 1095 | 17 |
| sam.63 | 0.25 | 0.04 | 0.51652 | 0.00381 | 13.30867 | 0.13185 | 0.18689 | 0.00241 | 2684 | 16 | 2702 | 9 | 2715 | 8 | 2715 | 8 |
| sam.64 | 0.13 | 0.08 | 0.17816 | 0.0018 | 1.82651 | 0.04976 | 0.07436 | 0.00215 | 1057 | 10 | 1055 | 18 | 1051 | 39 | 1051 | 39 |
| sam.65 | 0.36 | 0.03 | 0.0675 | 0.00056 | 0.52075 | 0.01544 | 0.05595 | 0.00175 | 421 | 3 | 426 | 10 | 450 | 51 | 421 | 3 |
| sam.66 | 0.87 | 0.01 | 0.1705 | 0.00225 | 1.72847 | 0.07874 | 0.07353 | 0.00344 | 1015 | 12 | 1019 | 29 | 1029 | 71 | 1029 | 71 |
| sam.67 | 0.17 | 0.06 | 0.15494 | 0.00135 | 1.54281 | 0.03735 | 0.07222 | 0.00188 | 929 | 8 | 948 | 15 | 992 | 35 | 929 | 8 |
| sam.68 | 0.58 | 0.02 | 0.08131 | 0.00075 | 0.6331 | 0.02132 | 0.05647 | 0.00199 | 504 | 4 | 498 | 13 | 471 | 58 | 504 | 4 |
| sam.69 | 0.25 | 0.04 | 0.06991 | 0.00049 | 0.55078 | 0.01056 | 0.05714 | 0.00122 | 436 | 3 | 446 | 7 | 497 | 30 | 436 | 3 |
| sam.70 | 0.33 | 0.03 | 0.34728 | 0.00294 | 5.63345 | 0.08651 | 0.11765 | 0.00206 | 1922 | 14 | 1921 | 13 | 1921 | 16 | 1921 | 16 |
| sam.71 | 0.55 | 0.02 | 0.07622 | 0.00137 | 0.66273 | 0.04729 | 0.06306 | 0.00461 | 474 | 8 | 516 | 29 | 710 | 122 | 474 | 8 |
| sam.72 | 0.51 | 0.02 | 0.07567 | 0.00082 | 0.62175 | 0.02841 | 0.05959 | 0.0028 | 470 | 5 | 491 | 18 | 589 | 81 | 470 | 5 |
| sam.73 | 0.66 | 0.02 | 0.07357 | 0.00059 | 0.56254 | 0.01512 | 0.05545 | 0.00159 | 458 | 4 | 453 | 10 | 430 | 46 | 458 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Early Carboniferous Halaguole Formation sample WC290414-5A | | | | | | | | | | | | | | | | |
| sam.1 | 0.50 | 0.02 | 0.13014 | 0.0014 | 1.233 | 0.04159 | 0.06889 | 0.00243 | 789 | 8 | 816 | 19 | 895 | 52 | 789 | 8 |
| sam.2 | 0.09 | 0.11 | 0.12205 | 0.00072 | 1.10886 | 0.01463 | 0.06589 | 0.00095 | 742 | 4 | 758 | 7 | 803 | 31 | 742 | 4 |
| sam.3 | 0.24 | 0.04 | 0.13838 | 0.00091 | 1.32122 | 0.02002 | 0.06942 | 0.00123 | 835 | 5 | 855 | 9 | 911 | 20 | 835 | 5 |
| sam.4 | 0.27 | 0.04 | 0.13341 | 0.00095 | 1.29937 | 0.02371 | 0.07081 | 0.00145 | 807 | 5 | 845 | 10 | 952 | 26 | 807 | 5 |
| sam.5 | 0.27 | 0.04 | 0.05801 | 0.00037 | 0.47012 | 0.00938 | 0.05878 | 0.00123 | 364 | 2 | 391 | 6 | 559 | 47 | 364 | 2 |
| sam.6 | 0.38 | 0.03 | 0.14216 | 0.00253 | 1.33373 | 0.08188 | 0.0682 | 0.00427 | 857 | 14 | 861 | 36 | 875 | 98 | 857 | 14 |
| sam.7 | 0.28 | 0.04 | 0.13515 | 0.00098 | 1.26113 | 0.02424 | 0.06784 | 0.00145 | 817 | 6 | 828 | 11 | 864 | 28 | 817 | 6 |
| sam.8 | 0.57 | 0.02 | 0.0578 | 0.00058 | 0.45544 | 0.01969 | 0.05729 | 0.00256 | 362 | 4 | 381 | 14 | 503 | 78 | 362 | 4 |
| sam.9 | 0.44 | 0.02 | 0.13646 | 0.00099 | 1.27008 | 0.02394 | 0.06766 | 0.00142 | 825 | 6 | 832 | 11 | 858 | 27 | 825 | 6 |
| sam.10 | 0.68 | 0.01 | 0.12929 | 0.00118 | 1.17855 | 0.03552 | 0.06626 | 0.0021 | 784 | 7 | 791 | 17 | 815 | 48 | 784 | 7 |
| sam.11 | 0.34 | 0.03 | 0.05697 | 0.0004 | 0.43034 | 0.00956 | 0.0549 | 0.00133 | 357 | 2 | 363 | 7 | 408 | 37 | 357 | 2 |
| sam.12 | 0.34 | 0.03 | 0.1337 | 0.00102 | 1.30264 | 0.02641 | 0.07082 | 0.00158 | 809 | 6 | 847 | 12 | 952 | 29 | 809 | 6 |
| sam.13 | 0.15 | 0.07 | 0.13931 | 0.00094 | 1.35001 | 0.02186 | 0.07044 | 0.00131 | 841 | 5 | 868 | 9 | 941 | 22 | 841 | 5 |
| sam.14 | 0.26 | 0.04 | 0.29108 | 0.00232 | 4.17605 | 0.06232 | 0.10428 | 0.0018 | 1647 | 12 | 1669 | 12 | 1702 | 16 | 1702 | 16 |
| sam.15 | 0.31 | 0.03 | 0.13809 | 0.00091 | 1.30267 | 0.02042 | 0.06856 | 0.00124 | 834 | 5 | 847 | 9 | 886 | 21 | 834 | 5 |
| sam.16 | 0.41 | 0.02 | 0.1295 | 0.00093 | 1.25053 | 0.02291 | 0.07019 | 0.00144 | 785 | 5 | 824 | 10 | 934 | 26 | 785 | 5 |
| sam.17 | 0.23 | 0.04 | 0.35712 | 0.00194 | 6.20953 | 0.04171 | 0.12638 | 0.00139 | 1969 | 9 | 2006 | 6 | 2048 | 5 | 2048 | 5 |
| sam.18 | 0.23 | 0.04 | 0.13318 | 0.0009 | 1.29952 | 0.02391 | 0.07077 | 0.00139 | 806 | 5 | 846 | 11 | 951 | 41 | 806 | 5 |
| sam.19 | 1.37 | 0.01 | 0.41802 | 0.00238 | 9.19328 | 0.0651 | 0.15982 | 0.00179 | 2251 | 11 | 2357 | 6 | 2454 | 5 | 2454 | 5 |
| sam.20 | 0.40 | 0.02 | 0.05931 | 0.00045 | 0.44824 | 0.01185 | 0.05492 | 0.00155 | 371 | 3 | 376 | 8 | 409 | 46 | 371 | 3 |
| sam.21 | 0.22 | 0.04 | 0.14384 | 0.00099 | 1.34758 | 0.02294 | 0.06808 | 0.00132 | 866 | 6 | 867 | 10 | 871 | 24 | 866 | 6 |
| sam.22 | 0.27 | 0.04 | 0.14666 | 0.00105 | 1.39677 | 0.02448 | 0.06921 | 0.00137 | 882 | 6 | 888 | 10 | 905 | 24 | 882 | 6 |
| sam.23 | 0.63 | 0.02 | 0.12243 | 0.0008 | 1.13984 | 0.01758 | 0.06765 | 0.00121 | 745 | 5 | 772 | 8 | 858 | 21 | 745 | 5 |
| sam.24 | 0.33 | 0.03 | 0.06143 | 0.00044 | 0.47936 | 0.01076 | 0.0567 | 0.00139 | 384 | 3 | 398 | 7 | 480 | 37 | 384 | 3 |
| sam.25 | 0.29 | 0.03 | 0.06389 | 0.00071 | 0.49858 | 0.0248 | 0.05659 | 0.00288 | 399 | 4 | 411 | 17 | 476 | 116 | 399 | 4 |
| sam.26 | 0.28 | 0.04 | 0.13981 | 0.00103 | 1.34942 | 0.02505 | 0.07013 | 0.00146 | 844 | 6 | 867 | 11 | 932 | 26 | 844 | 6 |
| sam.27 | 0.33 | 0.03 | 0.13455 | 0.00099 | 1.2664 | 0.02483 | 0.06838 | 0.00148 | 814 | 6 | 831 | 11 | 880 | 28 | 814 | 6 |
| sam.28 | 0.57 | 0.02 | 0.28659 | 0.00304 | 4.07134 | 0.09033 | 0.10321 | 0.00245 | 1624 | 15 | 1649 | 18 | 1683 | 25 | 1683 | 25 |
| sam.29 | 0.65 | 0.02 | 0.13911 | 0.00106 | 1.31475 | 0.02676 | 0.06867 | 0.00154 | 840 | 6 | 852 | 12 | 889 | 29 | 840 | 6 |
| sam.30 | 0.17 | 0.06 | 0.13849 | 0.00091 | 1.31711 | 0.02002 | 0.0691 | 0.00123 | 836 | 5 | 853 | 9 | 902 | 21 | 836 | 5 |
| sam.31 | 0.24 | 0.04 | 0.07449 | 0.00047 | 0.60654 | 0.00962 | 0.05916 | 0.00109 | 463 | 3 | 481 | 6 | 573 | 23 | 463 | 3 |
| sam.32 | 0.61 | 0.02 | 0.06701 | 0.00037 | 0.5239 | 0.00564 | 0.0568 | 0.0008 | 418 | 2 | 428 | 4 | 484 | 14 | 418 | 2 |
| sam.33 | 0.37 | 0.03 | 0.06378 | 0.00042 | 0.48875 | 0.00933 | 0.05567 | 0.00119 | 399 | 3 | 404 | 6 | 439 | 31 | 399 | 3 |
| sam.34 | 0.44 | 0.02 | 0.14335 | 0.00118 | 1.38339 | 0.03187 | 0.07011 | 0.00175 | 864 | 7 | 882 | 14 | 932 | 34 | 864 | 7 |
| sam.35 | 2.04 | 0.01 | 0.18004 | 0.00121 | 1.84865 | 0.02642 | 0.07459 | 0.00126 | 1067 | 7 | 1063 | 9 | 1057 | 18 | 1057 | 18 |
| sam.36 | 0.40 | 0.03 | 0.06134 | 0.00043 | 0.46096 | 0.00979 | 0.05459 | 0.00127 | 384 | 3 | 385 | 7 | 395 | 35 | 384 | 3 |
| sam.37 | 0.40 | 0.02 | 0.06977 | 0.00072 | 0.54773 | 0.02128 | 0.05702 | 0.00231 | 435 | 4 | 444 | 14 | 492 | 68 | 435 | 4 |
| sam.38 | 0.36 | 0.03 | 0.13363 | 0.00102 | 1.28828 | 0.02632 | 0.07003 | 0.00158 | 809 | 6 | 841 | 12 | 929 | 29 | 809 | 6 |
| sam.39 | 0.40 | 0.03 | 0.06511 | 0.00043 | 0.49938 | 0.0119 | 0.05563 | 0.00138 | 407 | 3 | 411 | 8 | 438 | 56 | 407 | 3 |
| sam.40 | 0.22 | 0.05 | 0.06847 | 0.00042 | 0.53314 | 0.00813 | 0.05656 | 0.00101 | 427 | 3 | 434 | 5 | 474 | 23 | 427 | 3 |
| sam.41 | 0.36 | 0.03 | 0.05859 | 0.0005 | 0.44784 | 0.01446 | 0.05552 | 0.00188 | 367 | 3 | 376 | 10 | 433 | 57 | 367 | 3 |
| sam.42 | 0.39 | 0.03 | 0.06431 | 0.00046 | 0.51383 | 0.01136 | 0.05803 | 0.0014 | 402 | 3 | 421 | 8 | 531 | 36 | 402 | 3 |
| sam.43 | 0.38 | 0.03 | 0.07377 | 0.00072 | 0.61058 | 0.02173 | 0.06011 | 0.00224 | 459 | 4 | 484 | 14 | 608 | 60 | 459 | 4 |
| sam.44 | 0.60 | 0.02 | 0.16734 | 0.00266 | 1.6392 | 0.0853 | 0.07114 | 0.00379 | 997 | 15 | 985 | 33 | 961 | 80 | 997 | 15 |
| sam.45 | 0.33 | 0.03 | 0.13706 | 0.00112 | 1.29917 | 0.02896 | 0.06884 | 0.00167 | 828 | 6 | 845 | 13 | 894 | 32 | 828 | 6 |
| sam.46 | 0.68 | 0.01 | 0.06555 | 0.00046 | 0.50857 | 0.01103 | 0.05634 | 0.00134 | 409 | 3 | 417 | 7 | 466 | 36 | 409 | 3 |
| sam.47 | 0.42 | 0.02 | 0.06103 | 0.00071 | 0.50294 | 0.02145 | 0.05984 | 0.00265 | 382 | 4 | 414 | 14 | 598 | 72 | 382 | 4 |
| sam.48 | 0.84 | 0.01 | 0.0689 | 0.00065 | 0.52763 | 0.01886 | 0.05561 | 0.00208 | 430 | 4 | 430 | 13 | 437 | 63 | 430 | 4 |
| sam.49 | 0.27 | 0.04 | 0.14621 | 0.00129 | 1.42024 | 0.03645 | 0.07053 | 0.00193 | 880 | 7 | 897 | 15 | 944 | 38 | 880 | 7 |
| sam.50 | 0.63 | 0.02 | 0.06458 | 0.0006 | 0.49325 | 0.01764 | 0.05546 | 0.00207 | 403 | 4 | 407 | 12 | 431 | 63 | 403 | 4 |
| sam.51 | 0.36 | 0.03 | 0.06593 | 0.0004 | 0.54667 | 0.01097 | 0.06013 | 0.00126 | 412 | 2 | 443 | 7 | 608 | 46 | 412 | 2 |
| sam.52 | 0.45 | 0.02 | 0.06668 | 0.00124 | 0.55432 | 0.04924 | 0.06036 | 0.00545 | 416 | 7 | 448 | 32 | 617 | 162 | 416 | 7 |
| sam.53 | 0.51 | 0.02 | 0.06342 | 0.00053 | 0.47981 | 0.01469 | 0.05493 | 0.00177 | 396 | 3 | 398 | 10 | 409 | 54 | 396 | 3 |
| sam.54 | 0.57 | 0.02 | 0.14321 | 0.00099 | 1.41028 | 0.02342 | 0.0715 | 0.00136 | 863 | 6 | 893 | 10 | 972 | 23 | 863 | 6 |
| sam.55 | 0.06 | 0.16 | 0.10087 | 0.0007 | 0.91142 | 0.01761 | 0.06553 | 0.00135 | 619 | 4 | 658 | 9 | 792 | 44 | 619 | 4 |
| sam.56 | 0.61 | 0.02 | 0.137 | 0.00143 | 1.37195 | 0.04692 | 0.0727 | 0.0026 | 828 | 8 | 877 | 20 | 1006 | 52 | 828 | 8 |
| sam.57 | 0.10 | 0.1 | 0.31162 | 0.00231 | 4.9371 | 0.06439 | 0.11501 | 0.00181 | 1749 | 11 | 1809 | 11 | 1880 | 13 | 1880 | 13 |
| sam.58 | 0.33 | 0.03 | 0.14488 | 0.00114 | 1.40985 | 0.03015 | 0.07064 | 0.00165 | 872 | 6 | 893 | 13 | 947 | 31 | 872 | 6 |
| sam.59 | 0.34 | 0.03 | 0.1375 | 0.00111 | 1.28627 | 0.02933 | 0.0679 | 0.00168 | 831 | 6 | 840 | 13 | 866 | 34 | 831 | 6 |
| sam.60 | 0.47 | 0.02 | 0.15497 | 0.00107 | 1.5001 | 0.0247 | 0.07026 | 0.00133 | 929 | 6 | 930 | 10 | 936 | 22 | 929 | 6 |
| sam.61 | 0.32 | 0.03 | 0.14743 | 0.00144 | 1.43037 | 0.04264 | 0.07042 | 0.00221 | 887 | 8 | 902 | 18 | 941 | 45 | 887 | 8 |
| sam.62 | 0.64 | 0.02 | 0.14074 | 0.0012 | 1.38351 | 0.03247 | 0.07135 | 0.00181 | 849 | 7 | 882 | 14 | 967 | 34 | 849 | 7 |
| sam.63 | 0.75 | 0.01 | 0.16246 | 0.00108 | 1.58325 | 0.02347 | 0.07073 | 0.00123 | 970 | 6 | 964 | 9 | 950 | 19 | 970 | 6 |
| sam.64 | 0.30 | 0.03 | 0.06566 | 0.00072 | 0.48491 | 0.02477 | 0.0536 | 0.00281 | 410 | 4 | 401 | 17 | 354 | 96 | 410 | 4 |
| sam.65 | 0.60 | 0.02 | 0.14665 | 0.00121 | 1.34286 | 0.03184 | 0.06645 | 0.0017 | 882 | 7 | 864 | 14 | 821 | 36 | 882 | 7 |
| sam.66 | 0.31 | 0.03 | 0.14421 | 0.00094 | 1.40115 | 0.021 | 0.0705 | 0.00124 | 868 | 5 | 889 | 9 | 943 | 20 | 868 | 5 |
| sam.67 | 0.26 | 0.04 | 0.06373 | 0.00058 | 0.48357 | 0.01787 | 0.05506 | 0.00212 | 398 | 4 | 401 | 12 | 415 | 66 | 398 | 4 |
| sam.68 | 0.30 | 0.03 | 0.06378 | 0.00045 | 0.49663 | 0.01093 | 0.0565 | 0.00136 | 399 | 3 | 409 | 7 | 472 | 36 | 399 | 3 |
| sam.69 | 0.22 | 0.04 | 0.15495 | 0.0013 | 1.59448 | 0.03366 | 0.07466 | 0.00173 | 929 | 7 | 968 | 13 | 1059 | 29 | 929 | 7 |
| sam.70 | 0.54 | 0.02 | 0.06606 | 0.00056 | 0.49511 | 0.01635 | 0.05438 | 0.00188 | 412 | 3 | 408 | 11 | 387 | 59 | 412 | 3 |
| sam.71 | 0.80 | 0.01 | 0.06563 | 0.00048 | 0.51117 | 0.01196 | 0.05651 | 0.00143 | 410 | 3 | 419 | 8 | 472 | 39 | 410 | 3 |
| sam.72 | 0.17 | 0.06 | 0.13305 | 0.00096 | 1.26517 | 0.02576 | 0.06896 | 0.00149 | 805 | 5 | 830 | 12 | 898 | 46 | 805 | 5 |
| sam.73 | 0.59 | 0.02 | 0.06141 | 0.00048 | 0.45421 | 0.01289 | 0.05366 | 0.00162 | 384 | 3 | 380 | 9 | 357 | 50 | 384 | 3 |
| sam.74 | 0.41 | 0.02 | 0.15613 | 0.00158 | 1.48625 | 0.04708 | 0.06905 | 0.00229 | 935 | 9 | 925 | 19 | 900 | 49 | 935 | 9 |
| sam.75 | 0.33 | 0.03 | 0.14659 | 0.00836 | 1.50604 | 0.52454 | 0.07453 | 0.02609 | 882 | 47 | 933 | 213 | 1056 | 639 | 882 | 47 |
| sam.76 | 0.75 | 0.01 | 0.32556 | 0.00211 | 5.15706 | 0.05324 | 0.1149 | 0.00156 | 1817 | 10 | 1846 | 9 | 1878 | 10 | 1878 | 10 |
| sam.77 | 0.27 | 0.04 | 0.1431 | 0.00107 | 1.40297 | 0.0306 | 0.07111 | 0.00164 | 862 | 6 | 890 | 13 | 960 | 48 | 862 | 6 |
| sam.78 | 0.31 | 0.03 | 0.06058 | 0.00049 | 0.47528 | 0.01603 | 0.0569 | 0.00197 | 379 | 3 | 395 | 11 | 488 | 78 | 379 | 3 |
| sam.79 | 0.23 | 0.04 | 0.15306 | 0.00126 | 1.54708 | 0.03222 | 0.07331 | 0.00168 | 918 | 7 | 949 | 13 | 1023 | 29 | 918 | 7 |
| sam.80 | 0.65 | 0.02 | 0.15243 | 0.00106 | 1.46595 | 0.02488 | 0.06975 | 0.00135 | 915 | 6 | 916 | 10 | 921 | 23 | 915 | 6 |
| sam.81 | 0.33 | 0.03 | 0.28863 | 0.00233 | 4.13355 | 0.06383 | 0.10387 | 0.00185 | 1635 | 12 | 1661 | 13 | 1694 | 17 | 1694 | 17 |
| sam.82 | 0.33 | 0.03 | 0.0656 | 0.00038 | 0.51286 | 0.00639 | 0.0567 | 0.00088 | 410 | 2 | 420 | 4 | 480 | 17 | 410 | 2 |
| sam.83 | 0.18 | 0.05 | 0.11358 | 0.00069 | 1.04225 | 0.01376 | 0.06655 | 0.00107 | 694 | 4 | 725 | 7 | 824 | 17 | 694 | 4 |
| Middle-lower Permian sample WC030514-6 | | | | | | | | | | | | | | | | |
| sam.01 | 0.3198 | 0.0041 | 0.17187 | 0.00181 | 1.73402 | 0.02419 | 0.07317 | 0.00087 | 1022 | 11 | 1021 | 14 | 1019 | 24 | 1019 | 24 |
| sam.02 | 0.7297 | 0.0044 | 0.30822 | 0.00318 | 4.51072 | 0.06164 | 0.10614 | 0.00122 | 1732 | 18 | 1733 | 24 | 1734 | 21 | 1734 | 21 |
| sam.03 | 0.9969 | 0.0106 | 0.33242 | 0.00351 | 5.19336 | 0.07149 | 0.11331 | 0.00130 | 1850 | 20 | 1852 | 25 | 1853 | 21 | 1853 | 21 |
| sam.04 | 1.5748 | 0.0164 | 0.19020 | 0.00197 | 2.02118 | 0.02824 | 0.07707 | 0.00095 | 1122 | 12 | 1123 | 16 | 1123 | 25 | 1123 | 25 |
| sam.05 | 0.3863 | 0.0051 | 0.15281 | 0.00175 | 1.46338 | 0.02112 | 0.06946 | 0.00079 | 917 | 10 | 915 | 13 | 912 | 24 | 917 | 10 |
| sam.06 | 0.3602 | 0.0046 | 0.07190 | 0.00076 | 0.55527 | 0.00789 | 0.05601 | 0.00069 | 448 | 5 | 448 | 6 | 453 | 27 | 448 | 5 |
| sam.07 | 0.7506 | 0.0038 | 0.48875 | 0.00527 | 11.51937 | 0.16258 | 0.17094 | 0.00197 | 2565 | 28 | 2566 | 36 | 2567 | 19 | 2567 | 19 |
| sam.08 | 0.2480 | 0.0044 | 0.15667 | 0.00156 | 1.51219 | 0.02044 | 0.07000 | 0.00082 | 938 | 9 | 935 | 13 | 928 | 24 | 938 | 9 |
| sam.09 | 0.6364 | 0.0070 | 0.20477 | 0.00213 | 2.26019 | 0.03148 | 0.08005 | 0.00099 | 1201 | 13 | 1200 | 17 | 1198 | 24 | 1198 | 24 |
| sam.10 | 1.5597 | 0.0374 | 0.07402 | 0.00079 | 0.57342 | 0.00818 | 0.05618 | 0.00066 | 460 | 5 | 460 | 7 | 460 | 26 | 460 | 5 |
| sam.11 | 0.1206 | 0.0024 | 0.15639 | 0.00168 | 1.49267 | 0.02097 | 0.06923 | 0.00080 | 937 | 10 | 927 | 13 | 905 | 24 | 937 | 10 |
| sam.12 | 0.5809 | 0.0032 | 0.35799 | 0.00362 | 7.81541 | 0.10606 | 0.15834 | 0.00182 | 1973 | 20 | 2210 | 30 | 2438 | 19 | 2438 | 19 |
| sam.13 | 0.9453 | 0.0056 | 0.07734 | 0.00078 | 0.60807 | 0.00880 | 0.05702 | 0.00074 | 480 | 5 | 482 | 7 | 492 | 29 | 480 | 5 |
| sam.14 | 2.2199 | 0.0180 | 0.09392 | 0.00099 | 0.76173 | 0.01185 | 0.05882 | 0.00079 | 579 | 6 | 575 | 9 | 560 | 29 | 579 | 6 |
| sam.15 | 0.6580 | 0.0055 | 0.07492 | 0.00085 | 0.59440 | 0.01267 | 0.05754 | 0.00110 | 466 | 5 | 474 | 10 | 512 | 42 | 466 | 5 |
| sam.16 | 1.1447 | 0.0060 | 0.14357 | 0.00160 | 1.33918 | 0.01959 | 0.06765 | 0.00081 | 865 | 10 | 863 | 13 | 858 | 25 | 865 | 10 |
| sam.17 | 1.0135 | 0.0089 | 0.08338 | 0.00097 | 0.66686 | 0.01017 | 0.05801 | 0.00070 | 516 | 6 | 519 | 8 | 530 | 27 | 516 | 6 |
| sam.18 | 0.5941 | 0.0082 | 0.16570 | 0.00181 | 1.65086 | 0.02406 | 0.07226 | 0.00087 | 988 | 11 | 990 | 14 | 993 | 24 | 988 | 11 |
| sam.19 | 1.3384 | 0.0038 | 0.23953 | 0.00273 | 3.02600 | 0.04450 | 0.09162 | 0.00106 | 1384 | 16 | 1414 | 21 | 1460 | 22 | 1460 | 22 |
| sam.20 | 0.2033 | 0.0006 | 0.14304 | 0.00157 | 1.35077 | 0.01912 | 0.06849 | 0.00079 | 862 | 9 | 868 | 12 | 883 | 24 | 862 | 9 |
| sam.21 | 1.1213 | 0.0069 | 0.20069 | 0.00219 | 2.40537 | 0.03486 | 0.08693 | 0.00105 | 1179 | 13 | 1244 | 18 | 1359 | 23 | 1359 | 23 |
| sam.22 | 0.2763 | 0.0024 | 0.11303 | 0.00120 | 0.99826 | 0.01377 | 0.06406 | 0.00073 | 690 | 7 | 703 | 10 | 744 | 24 | 690 | 7 |
| sam.23 | 0.7376 | 0.0095 | 0.25320 | 0.00273 | 5.21073 | 0.07598 | 0.14926 | 0.00172 | 1455 | 16 | 1854 | 27 | 2337 | 20 | 2337 | 20 |
| sam.24 | 1.0787 | 0.0069 | 0.27562 | 0.00304 | 3.67733 | 0.05198 | 0.09677 | 0.00111 | 1569 | 17 | 1566 | 22 | 1563 | 22 | 1563 | 22 |
| sam.25 | 1.5323 | 0.0159 | 0.48579 | 0.00564 | 11.33045 | 0.16690 | 0.16916 | 0.00195 | 2552 | 30 | 2551 | 38 | 2549 | 19 | 2549 | 19 |
| sam.26 | 0.5056 | 0.0016 | 0.07388 | 0.00079 | 0.56299 | 0.00783 | 0.05527 | 0.00063 | 459 | 5 | 453 | 6 | 423 | 26 | 459 | 5 |
| sam.27 | 0.4462 | 0.0038 | 0.17965 | 0.00189 | 1.85289 | 0.02599 | 0.07480 | 0.00087 | 1065 | 11 | 1064 | 15 | 1063 | 23 | 1063 | 23 |
| sam.28 | 0.8884 | 0.0061 | 0.29251 | 0.00297 | 4.11609 | 0.05764 | 0.10206 | 0.00118 | 1654 | 17 | 1658 | 23 | 1662 | 21 | 1662 | 21 |
| sam.29 | 0.1047 | 0.0015 | 0.25014 | 0.00346 | 3.79197 | 0.07538 | 0.10995 | 0.00140 | 1439 | 20 | 1591 | 32 | 1799 | 23 | 1799 | 23 |
| sam.30 | 0.6761 | 0.0013 | 0.16711 | 0.00163 | 2.72189 | 0.03926 | 0.11813 | 0.00145 | 996 | 10 | 1334 | 19 | 1928 | 22 | 1928 | 22 |
| sam.31 | 0.7564 | 0.0060 | 0.16428 | 0.00178 | 1.61768 | 0.02276 | 0.07142 | 0.00085 | 981 | 11 | 977 | 14 | 969 | 24 | 981 | 11 |
| sam.32 | 0.0479 | 0.0003 | 0.10803 | 0.00140 | 0.90233 | 0.01452 | 0.06058 | 0.00070 | 661 | 9 | 653 | 11 | 624 | 25 | 661 | 9 |
| sam.33 | 0.8508 | 0.0117 | 0.08245 | 0.00086 | 0.64835 | 0.00920 | 0.05703 | 0.00071 | 511 | 5 | 507 | 7 | 493 | 27 | 511 | 5 |
| sam.34 | 0.2563 | 0.0026 | 0.20804 | 0.00268 | 2.41582 | 0.05317 | 0.08422 | 0.00120 | 1218 | 16 | 1247 | 27 | 1298 | 28 | 1298 | 28 |
| sam.35 | 0.8466 | 0.0225 | 0.07411 | 0.00078 | 0.57259 | 0.00851 | 0.05603 | 0.00070 | 461 | 5 | 460 | 7 | 454 | 28 | 461 | 5 |
| sam.36 | 0.4851 | 0.0023 | 0.38301 | 0.00405 | 6.85793 | 0.09428 | 0.12986 | 0.00147 | 2090 | 22 | 2093 | 29 | 2096 | 20 | 2096 | 20 |
| sam.37 | 0.5857 | 0.0050 | 0.46314 | 0.00565 | 10.16886 | 0.15422 | 0.15924 | 0.00181 | 2453 | 30 | 2450 | 37 | 2448 | 19 | 2448 | 19 |
| sam.38 | 0.5783 | 0.0047 | 0.18137 | 0.00189 | 1.88370 | 0.02566 | 0.07533 | 0.00086 | 1074 | 11 | 1075 | 15 | 1077 | 23 | 1077 | 23 |
| sam.39 | 0.8426 | 0.0087 | 0.44463 | 0.00451 | 9.80874 | 0.13187 | 0.16000 | 0.00182 | 2371 | 24 | 2417 | 32 | 2456 | 19 | 2456 | 19 |
| sam.40 | 0.8874 | 0.0094 | 0.46628 | 0.00475 | 10.37286 | 0.13988 | 0.16134 | 0.00185 | 2467 | 25 | 2469 | 33 | 2470 | 19 | 2470 | 19 |
| sam.41 | 0.7646 | 0.0097 | 0.46883 | 0.00522 | 10.49177 | 0.14959 | 0.16231 | 0.00186 | 2478 | 28 | 2479 | 35 | 2480 | 19 | 2480 | 19 |
| sam.42 | 0.4269 | 0.0031 | 0.44571 | 0.00453 | 9.78177 | 0.13196 | 0.15917 | 0.00181 | 2376 | 24 | 2414 | 33 | 2447 | 19 | 2447 | 19 |
| sam.43 | 0.3695 | 0.0009 | 0.06353 | 0.00064 | 0.52392 | 0.00704 | 0.05981 | 0.00068 | 397 | 4 | 428 | 6 | 597 | 25 | 397 | 4 |
| sam.44 | 0.5036 | 0.0048 | 0.25403 | 0.00278 | 3.19790 | 0.04490 | 0.09130 | 0.00104 | 1459 | 16 | 1457 | 20 | 1453 | 22 | 1453 | 22 |
| sam.45 | 1.5064 | 0.0091 | 0.20297 | 0.00209 | 2.23340 | 0.03015 | 0.07981 | 0.00092 | 1191 | 12 | 1192 | 16 | 1192 | 23 | 1192 | 23 |
| sam.46 | 0.0882 | 0.0004 | 0.15043 | 0.00150 | 1.42538 | 0.01934 | 0.06872 | 0.00080 | 903 | 9 | 900 | 12 | 890 | 24 | 903 | 9 |
| sam.47 | 0.9062 | 0.0086 | 0.07595 | 0.00086 | 0.59468 | 0.00887 | 0.05679 | 0.00068 | 472 | 5 | 474 | 7 | 483 | 27 | 472 | 5 |
| sam.48 | 0.1192 | 0.0006 | 0.16744 | 0.00191 | 1.67310 | 0.02439 | 0.07247 | 0.00083 | 998 | 11 | 998 | 15 | 999 | 23 | 998 | 11 |
| sam.49 | 0.4938 | 0.0061 | 0.53782 | 0.00579 | 14.70428 | 0.20817 | 0.19829 | 0.00230 | 2774 | 30 | 2796 | 40 | 2812 | 19 | 2812 | 19 |
| sam.50 | 0.8640 | 0.0191 | 0.20202 | 0.00231 | 2.53350 | 0.04233 | 0.09095 | 0.00124 | 1186 | 14 | 1282 | 21 | 1446 | 26 | 1446 | 26 |
| sam.51 | 0.6104 | 0.0153 | 0.16162 | 0.00164 | 1.58881 | 0.02123 | 0.07130 | 0.00082 | 966 | 10 | 966 | 13 | 966 | 24 | 966 | 10 |
| sam.52 | 0.7973 | 0.0049 | 0.16671 | 0.00180 | 1.66201 | 0.02366 | 0.07230 | 0.00084 | 994 | 11 | 994 | 14 | 995 | 24 | 994 | 11 |
| sam.53 | 0.4299 | 0.0029 | 0.49392 | 0.00501 | 11.96963 | 0.16115 | 0.17576 | 0.00200 | 2588 | 26 | 2602 | 35 | 2613 | 19 | 2613 | 19 |
| sam.54 | 0.3107 | 0.0019 | 0.12714 | 0.00167 | 1.28616 | 0.02136 | 0.07337 | 0.00085 | 772 | 10 | 840 | 14 | 1024 | 23 | 772 | 10 |
| sam.55 | 0.7141 | 0.0078 | 0.13980 | 0.00149 | 1.63606 | 0.02325 | 0.08488 | 0.00098 | 844 | 9 | 984 | 14 | 1313 | 22 | 844 | 9 |
| sam.56 | 0.3388 | 0.0033 | 0.16759 | 0.00177 | 1.66498 | 0.02340 | 0.07205 | 0.00085 | 999 | 11 | 995 | 14 | 987 | 24 | 999 | 11 |
| sam.57 | 1.1546 | 0.0106 | 0.07349 | 0.00077 | 0.57397 | 0.00797 | 0.05665 | 0.00066 | 457 | 5 | 461 | 6 | 478 | 26 | 457 | 5 |
| sam.58 | 1.0938 | 0.0046 | 0.07645 | 0.00079 | 0.60322 | 0.00891 | 0.05723 | 0.00071 | 475 | 5 | 479 | 7 | 500 | 27 | 475 | 5 |
| sam.59 | 0.4976 | 0.0033 | 0.19986 | 0.00212 | 2.18336 | 0.03405 | 0.07923 | 0.00102 | 1175 | 12 | 1176 | 18 | 1178 | 25 | 1178 | 25 |
| sam.60 | 0.6089 | 0.0034 | 0.54953 | 0.00537 | 15.43397 | 0.20766 | 0.20370 | 0.00233 | 2823 | 28 | 2842 | 38 | 2856 | 19 | 2856 | 19 |
| sam.61 | 0.4622 | 0.0045 | 0.18932 | 0.00191 | 2.00619 | 0.03139 | 0.07685 | 0.00098 | 1118 | 11 | 1118 | 17 | 1117 | 25 | 1117 | 25 |
| sam.62 | 0.1344 | 0.0037 | 0.15916 | 0.00176 | 1.65270 | 0.02473 | 0.07531 | 0.00088 | 952 | 11 | 991 | 15 | 1077 | 23 | 1077 | 23 |
| sam.63 | 0.2230 | 0.0026 | 0.15642 | 0.00156 | 1.50370 | 0.02128 | 0.06972 | 0.00082 | 937 | 9 | 932 | 13 | 920 | 24 | 937 | 9 |
| sam.64 | 1.8563 | 0.0229 | 0.51936 | 0.00518 | 11.35090 | 0.16350 | 0.15851 | 0.00188 | 2696 | 27 | 2552 | 37 | 2440 | 20 | 2440 | 20 |
| sam.65 | 0.3822 | 0.0040 | 0.18315 | 0.00219 | 1.90940 | 0.04914 | 0.07561 | 0.00142 | 1084 | 13 | 1084 | 28 | 1085 | 38 | 1085 | 38 |
| sam.66 | 0.7473 | 0.0015 | 0.08220 | 0.00082 | 0.64493 | 0.01063 | 0.05691 | 0.00081 | 509 | 5 | 505 | 8 | 488 | 32 | 509 | 5 |
| sam.67 | 0.0278 | 0.0007 | 0.12661 | 0.00128 | 1.12736 | 0.01584 | 0.06458 | 0.00075 | 768 | 8 | 766 | 11 | 761 | 24 | 768 | 8 |
| sam.68 | 0.1410 | 0.0025 | 0.15701 | 0.00152 | 1.52441 | 0.02053 | 0.07042 | 0.00081 | 940 | 9 | 940 | 13 | 941 | 24 | 940 | 9 |
| sam.69 | 0.8110 | 0.0088 | 0.07676 | 0.00078 | 0.61195 | 0.00933 | 0.05782 | 0.00072 | 477 | 5 | 485 | 7 | 523 | 27 | 477 | 5 |
| sam.70 | 1.0339 | 0.0147 | 0.20912 | 0.00205 | 2.35384 | 0.04488 | 0.08163 | 0.00139 | 1224 | 12 | 1229 | 23 | 1237 | 33 | 1237 | 33 |
| sam.71 | 1.0692 | 0.0045 | 0.16181 | 0.00159 | 1.60856 | 0.02260 | 0.07210 | 0.00087 | 967 | 10 | 974 | 14 | 989 | 25 | 967 | 10 |
| sam.72 | 0.4025 | 0.0019 | 0.31786 | 0.00346 | 4.93276 | 0.09296 | 0.11255 | 0.00156 | 1779 | 19 | 1808 | 34 | 1841 | 25 | 1841 | 25 |
| sam.73 | 0.0809 | 0.0009 | 0.16434 | 0.00193 | 1.63064 | 0.02414 | 0.07196 | 0.00083 | 981 | 12 | 982 | 15 | 985 | 23 | 981 | 12 |
| sam.74 | 0.8604 | 0.0255 | 0.21577 | 0.00211 | 2.54561 | 0.03369 | 0.08557 | 0.00097 | 1259 | 12 | 1285 | 17 | 1328 | 22 | 1328 | 22 |
| sam.75 | 0.1931 | 0.0012 | 0.27820 | 0.00287 | 5.34516 | 0.07306 | 0.13935 | 0.00159 | 1582 | 16 | 1876 | 26 | 2219 | 20 | 2219 | 20 |
| sam.76 | 0.7270 | 0.0028 | 0.23021 | 0.00375 | 2.73564 | 0.11309 | 0.08619 | 0.00233 | 1336 | 22 | 1338 | 55 | 1342 | 52 | 1342 | 52 |
| sam.77 | 0.1065 | 0.0007 | 0.16669 | 0.00163 | 1.65206 | 0.02206 | 0.07188 | 0.00082 | 994 | 10 | 990 | 13 | 983 | 23 | 994 | 10 |
| sam.78 | 0.1852 | 0.0004 | 0.30262 | 0.00571 | 9.21044 | 0.25107 | 0.22074 | 0.00291 | 1704 | 32 | 2359 | 64 | 2986 | 21 | 2986 | 21 |
| sam.79 | 1.8131 | 0.0333 | 0.08451 | 0.00082 | 0.66452 | 0.00963 | 0.05703 | 0.00074 | 523 | 5 | 517 | 8 | 493 | 29 | 523 | 5 |
| sam.80 | 0.4594 | 0.0018 | 0.17596 | 0.00175 | 1.81726 | 0.02447 | 0.07490 | 0.00087 | 1045 | 10 | 1052 | 14 | 1066 | 23 | 1066 | 23 |
| sam.81 | 1.3176 | 0.0123 | 0.18971 | 0.00186 | 2.39547 | 0.03216 | 0.09158 | 0.00106 | 1120 | 11 | 1241 | 17 | 1459 | 22 | 1459 | 22 |
| sam.82 | 0.3169 | 0.0024 | 0.08793 | 0.00086 | 0.69996 | 0.00945 | 0.05773 | 0.00067 | 543 | 5 | 539 | 7 | 520 | 25 | 543 | 5 |
| sam.83 | 0.1760 | 0.0010 | 0.18577 | 0.00183 | 1.94313 | 0.03679 | 0.07586 | 0.00123 | 1098 | 11 | 1096 | 21 | 1091 | 33 | 1091 | 33 |
| sam.84 | 1.7866 | 0.0124 | 0.14741 | 0.00151 | 1.38219 | 0.02140 | 0.06800 | 0.00086 | 886 | 9 | 881 | 14 | 869 | 26 | 886 | 9 |
| sam.85 | 0.0628 | 0.0005 | 0.08138 | 0.00083 | 0.63385 | 0.00931 | 0.05649 | 0.00070 | 504 | 5 | 498 | 7 | 472 | 28 | 504 | 5 |
| sam.86 | 0.8321 | 0.0017 | 0.35061 | 0.00357 | 5.74264 | 0.19758 | 0.11879 | 0.00371 | 1938 | 20 | 1938 | 67 | 1938 | 56 | 1938 | 56 |
| sam.87 | 1.1583 | 0.0029 | 0.08998 | 0.00086 | 0.72389 | 0.00961 | 0.05835 | 0.00068 | 555 | 5 | 553 | 7 | 543 | 25 | 555 | 5 |
| sam.88 | 0.9152 | 0.0019 | 0.29308 | 0.00294 | 4.11848 | 0.05613 | 0.10192 | 0.00118 | 1657 | 17 | 1658 | 23 | 1659 | 21 | 1659 | 21 |
| sam.89 | 0.6860 | 0.0080 | 0.16542 | 0.00165 | 1.64545 | 0.02367 | 0.07214 | 0.00089 | 987 | 10 | 988 | 14 | 990 | 25 | 987 | 10 |
| sam.90 | 2.3031 | 0.0063 | 0.08691 | 0.00085 | 0.70768 | 0.01073 | 0.05905 | 0.00080 | 537 | 5 | 543 | 8 | 569 | 29 | 537 | 5 |
| sam.91 | 1.5255 | 0.0050 | 0.09657 | 0.00094 | 0.79725 | 0.01563 | 0.05987 | 0.00109 | 594 | 6 | 595 | 12 | 599 | 39 | 594 | 6 |
| sam.92 | 2.0158 | 0.0024 | 0.08500 | 0.00083 | 0.67260 | 0.01259 | 0.05739 | 0.00099 | 526 | 5 | 522 | 10 | 507 | 38 | 526 | 5 |
| sam.93 | 1.3472 | 0.0043 | 0.40516 | 0.00391 | 8.57506 | 0.11262 | 0.15350 | 0.00175 | 2193 | 21 | 2294 | 30 | 2385 | 19 | 2385 | 19 |
| sam.94 | 0.7826 | 0.0013 | 0.12484 | 0.00126 | 1.09762 | 0.02080 | 0.06377 | 0.00087 | 758 | 8 | 752 | 14 | 734 | 29 | 758 | 8 |
| sam.95 | 0.5453 | 0.0009 | 0.18849 | 0.00180 | 1.99729 | 0.02817 | 0.07685 | 0.00096 | 1113 | 11 | 1115 | 16 | 1117 | 25 | 1117 | 25 |
| sam.96 | 0.3941 | 0.0044 | 0.47265 | 0.00454 | 10.48068 | 0.13836 | 0.16082 | 0.00185 | 2495 | 24 | 2478 | 33 | 2464 | 19 | 2464 | 19 |
| sam.97 | 0.9266 | 0.0023 | 0.33624 | 0.00322 | 4.57590 | 0.06153 | 0.09870 | 0.00116 | 1869 | 18 | 1745 | 23 | 1600 | 22 | 1600 | 22 |
| sam.98 | 1.4778 | 0.0026 | 0.35297 | 0.00340 | 5.00297 | 0.06606 | 0.10280 | 0.00118 | 1949 | 19 | 1820 | 24 | 1675 | 21 | 1675 | 21 |
| sam.99 | 0.4423 | 0.0019 | 0.08558 | 0.00087 | 0.69183 | 0.01006 | 0.05863 | 0.00070 | 529 | 5 | 534 | 8 | 553 | 26 | 529 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Middle-lower Permian sample WC030514-8 | | | | | | | | | | | | | | | | |
| sam.01 | 0.7041 | 0.0038 | 0.4405 | 0.0058 | 9.5670 | 0.1875 | 0.1575 | 0.0025 | 2353 | 31 | 2394 | 47 | 2429 | 27 | 2429 | 27 |
| sam.02 | 0.2461 | 0.0019 | 0.1994 | 0.0026 | 2.1864 | 0.0422 | 0.0795 | 0.0013 | 1172 | 15 | 1177 | 23 | 1185 | 32 | 1185 | 32 |
| sam.03 | 0.4668 | 0.0013 | 0.2158 | 0.0025 | 2.4442 | 0.0445 | 0.0821 | 0.0013 | 1260 | 15 | 1256 | 23 | 1249 | 32 | 1249 | 32 |
| sam.04 | 0.3039 | 0.0022 | 0.1776 | 0.0020 | 1.8579 | 0.0400 | 0.0759 | 0.0016 | 1054 | 12 | 1066 | 23 | 1091 | 41 | 1091 | 41 |
| sam.05 | 0.2377 | 0.0025 | 0.3634 | 0.0040 | 7.6043 | 0.1362 | 0.1518 | 0.0024 | 1998 | 22 | 2185 | 39 | 2366 | 27 | 2366 | 27 |
| sam.06 | 0.5329 | 0.0065 | 0.2203 | 0.0024 | 2.6699 | 0.0511 | 0.0879 | 0.0015 | 1284 | 14 | 1320 | 25 | 1380 | 33 | 1380 | 33 |
| sam.07 | 0.4325 | 0.0004 | 0.3731 | 0.0044 | 6.5016 | 0.1184 | 0.1264 | 0.0020 | 2044 | 24 | 2046 | 37 | 2048 | 28 | 2048 | 28 |
| sam.08 | 0.2286 | 0.0003 | 0.6992 | 0.0076 | 28.7296 | 0.5102 | 0.2980 | 0.0048 | 3418 | 37 | 3444 | 61 | 3460 | 25 | 3460 | 25 |
| sam.09 | 0.0171 | 0.0001 | 0.2488 | 0.0028 | 3.1358 | 0.0560 | 0.0914 | 0.0015 | 1432 | 16 | 1442 | 26 | 1455 | 31 | 1455 | 31 |
| sam.10 | 0.5781 | 0.0022 | 0.1481 | 0.0016 | 2.3411 | 0.0421 | 0.1146 | 0.0019 | 891 | 10 | 1225 | 22 | 1874 | 30 | / | / |
| sam.11 | 0.1710 | 0.0021 | 0.1663 | 0.0019 | 1.6592 | 0.0298 | 0.0724 | 0.0012 | 992 | 11 | 993 | 18 | 996 | 33 | 992 | 11 |
| sam.12 | 0.6452 | 0.0105 | 0.0674 | 0.0007 | 0.5236 | 0.0130 | 0.0563 | 0.0013 | 421 | 4 | 428 | 11 | 465 | 52 | 421 | 4 |
| sam.13 | 0.1290 | 0.0011 | 0.1640 | 0.0021 | 1.6269 | 0.0311 | 0.0719 | 0.0012 | 979 | 13 | 981 | 19 | 984 | 33 | 979 | 13 |
| sam.14 | 0.0881 | 0.0009 | 0.1643 | 0.0019 | 1.6515 | 0.0308 | 0.0729 | 0.0012 | 981 | 12 | 990 | 18 | 1011 | 33 | 981 | 12 |
| sam.15 | 0.0756 | 0.0009 | 0.1550 | 0.0017 | 1.5043 | 0.0282 | 0.0704 | 0.0012 | 929 | 10 | 932 | 17 | 940 | 35 | 929 | 10 |
| sam.16 | 0.5146 | 0.0013 | 0.1484 | 0.0016 | 1.5414 | 0.0281 | 0.0753 | 0.0013 | 892 | 9 | 947 | 17 | 1078 | 34 | 892 | 9 |
| sam.17 | 0.1668 | 0.0002 | 0.1677 | 0.0019 | 1.7104 | 0.0314 | 0.0740 | 0.0012 | 999 | 11 | 1012 | 19 | 1041 | 33 | 999 | 11 |
| sam.18 | 0.2882 | 0.0057 | 0.2057 | 0.0024 | 2.2804 | 0.0431 | 0.0804 | 0.0013 | 1206 | 14 | 1206 | 23 | 1207 | 32 | 1207 | 32 |
| sam.19 | 0.6080 | 0.0017 | 0.1582 | 0.0017 | 1.5428 | 0.0275 | 0.0707 | 0.0011 | 947 | 10 | 948 | 17 | 950 | 33 | 947 | 10 |
| sam.20 | 0.1619 | 0.0012 | 0.1767 | 0.0019 | 1.8522 | 0.0326 | 0.0760 | 0.0012 | 1049 | 11 | 1064 | 19 | 1096 | 32 | 1096 | 32 |
| sam.21 | 0.4341 | 0.0011 | 0.1466 | 0.0015 | 1.4307 | 0.0250 | 0.0708 | 0.0011 | 882 | 9 | 902 | 16 | 951 | 33 | 882 | 9 |
| sam.22 | 0.6387 | 0.0015 | 0.1563 | 0.0018 | 1.5121 | 0.0273 | 0.0702 | 0.0011 | 936 | 11 | 935 | 17 | 934 | 33 | 936 | 11 |
| sam.23 | 0.7086 | 0.0019 | 0.0714 | 0.0008 | 0.5513 | 0.0131 | 0.0560 | 0.0013 | 444 | 5 | 446 | 11 | 453 | 50 | 444 | 5 |
| sam.24 | 0.1841 | 0.0027 | 0.1458 | 0.0016 | 1.4024 | 0.0259 | 0.0697 | 0.0012 | 878 | 10 | 890 | 16 | 921 | 34 | 878 | 10 |
| sam.25 | 0.8791 | 0.0048 | 0.2572 | 0.0031 | 3.3399 | 0.0642 | 0.0942 | 0.0016 | 1475 | 18 | 1490 | 29 | 1512 | 31 | 1512 | 31 |
| sam.26 | 0.4740 | 0.0019 | 0.1868 | 0.0020 | 2.2454 | 0.0399 | 0.0872 | 0.0014 | 1104 | 12 | 1195 | 21 | 1365 | 31 | 1365 | 31 |
| sam.27 | 0.5515 | 0.0128 | 0.4798 | 0.0058 | 11.0432 | 0.2038 | 0.1669 | 0.0027 | 2526 | 31 | 2527 | 47 | 2527 | 27 | 2527 | 27 |
| sam.28 | 0.6251 | 0.0015 | 0.2896 | 0.0035 | 4.0959 | 0.0769 | 0.1026 | 0.0016 | 1639 | 20 | 1653 | 31 | 1671 | 30 | 1671 | 30 |
| sam.29 | 0.5119 | 0.0042 | 0.4740 | 0.0058 | 10.7890 | 0.1994 | 0.1651 | 0.0026 | 2501 | 30 | 2505 | 46 | 2508 | 27 | 2508 | 27 |
| sam.30 | 0.8026 | 0.0068 | 0.2744 | 0.0033 | 3.6634 | 0.0680 | 0.0968 | 0.0016 | 1563 | 19 | 1563 | 29 | 1564 | 30 | 1564 | 30 |
| sam.31 | 0.4751 | 0.0038 | 0.1948 | 0.0024 | 2.0950 | 0.0401 | 0.0780 | 0.0013 | 1147 | 14 | 1147 | 22 | 1147 | 32 | 1147 | 32 |
| sam.32 | 0.2569 | 0.0005 | 0.4291 | 0.0046 | 9.7682 | 0.1751 | 0.1651 | 0.0027 | 2302 | 25 | 2413 | 43 | 2509 | 27 | 2509 | 27 |
| sam.33 | 0.3446 | 0.0011 | 0.1828 | 0.0021 | 1.8916 | 0.0349 | 0.0750 | 0.0012 | 1082 | 12 | 1078 | 20 | 1069 | 33 | 1069 | 33 |
| sam.34 | 0.4015 | 0.0031 | 0.2902 | 0.0034 | 4.4414 | 0.0828 | 0.1110 | 0.0018 | 1643 | 19 | 1720 | 32 | 1816 | 29 | 1816 | 29 |
| sam.35 | 1.0979 | 0.0060 | 0.1708 | 0.0019 | 1.7229 | 0.0334 | 0.0731 | 0.0013 | 1017 | 11 | 1017 | 20 | 1018 | 35 | 1018 | 35 |
| sam.36 | 0.2048 | 0.0029 | 0.1037 | 0.0014 | 0.8856 | 0.0184 | 0.0619 | 0.0010 | 636 | 9 | 644 | 13 | 671 | 35 | 636 | 9 |
| sam.37 | 0.2689 | 0.0050 | 0.1910 | 0.0021 | 2.0216 | 0.0364 | 0.0768 | 0.0013 | 1127 | 13 | 1123 | 20 | 1116 | 33 | 1116 | 33 |
| sam.38 | 0.3996 | 0.0017 | 0.1697 | 0.0019 | 1.7500 | 0.0313 | 0.0748 | 0.0012 | 1011 | 11 | 1027 | 18 | 1062 | 32 | 1062 | 32 |
| sam.39 | 0.4161 | 0.0065 | 0.3483 | 0.0038 | 7.7113 | 0.1364 | 0.1606 | 0.0026 | 1927 | 21 | 2198 | 39 | 2462 | 27 | 2462 | 27 |
| sam.40 | 0.5868 | 0.0033 | 0.3119 | 0.0035 | 4.6523 | 0.0837 | 0.1082 | 0.0018 | 1750 | 19 | 1759 | 32 | 1769 | 30 | 1769 | 30 |
| sam.41 | 0.5986 | 0.0028 | 0.0766 | 0.0009 | 0.6082 | 0.0142 | 0.0576 | 0.0012 | 476 | 6 | 482 | 11 | 515 | 45 | 476 | 6 |
| sam.42 | 0.3932 | 0.0045 | 0.2331 | 0.0025 | 2.8073 | 0.0496 | 0.0874 | 0.0014 | 1351 | 14 | 1357 | 24 | 1368 | 31 | 1368 | 31 |
| sam.43 | 0.7195 | 0.0042 | 0.3897 | 0.0051 | 7.1564 | 0.1377 | 0.1332 | 0.0021 | 2121 | 28 | 2131 | 41 | 2141 | 28 | 2141 | 28 |
| sam.44 | 0.2873 | 0.0011 | 0.2050 | 0.0023 | 2.4632 | 0.0452 | 0.0872 | 0.0014 | 1202 | 14 | 1261 | 23 | 1364 | 31 | 1364 | 31 |
| sam.45 | 0.5365 | 0.0023 | 0.1728 | 0.0021 | 1.7510 | 0.0341 | 0.0735 | 0.0013 | 1027 | 12 | 1028 | 20 | 1028 | 35 | 1028 | 35 |
| sam.46 | 0.2735 | 0.0004 | 0.4739 | 0.0059 | 10.7869 | 0.2009 | 0.1651 | 0.0026 | 2501 | 31 | 2505 | 47 | 2509 | 27 | 2509 | 27 |
| sam.47 | 0.1571 | 0.0004 | 0.1809 | 0.0020 | 1.9003 | 0.0337 | 0.0762 | 0.0012 | 1072 | 12 | 1081 | 19 | 1100 | 32 | 1100 | 32 |
| sam.48 | 0.1747 | 0.0005 | 0.0754 | 0.0009 | 0.5933 | 0.0114 | 0.0571 | 0.0010 | 468 | 5 | 473 | 9 | 495 | 38 | 468 | 5 |
| sam.49 | 0.4878 | 0.0066 | 0.8548 | 0.0098 | 49.7561 | 0.9076 | 0.4222 | 0.0068 | 3982 | 46 | 3987 | 73 | 3990 | 24 | 3990 | 24 |
| sam.50 | 0.4453 | 0.0012 | 0.4386 | 0.0049 | 9.9823 | 0.1825 | 0.1651 | 0.0027 | 2344 | 26 | 2433 | 44 | 2508 | 27 | 2508 | 27 |
| sam.51 | 0.2581 | 0.0039 | 0.1732 | 0.0019 | 1.8069 | 0.0320 | 0.0757 | 0.0012 | 1030 | 11 | 1048 | 19 | 1086 | 32 | 1086 | 32 |
| sam.52 | 0.4684 | 0.0052 | 0.2296 | 0.0025 | 2.8741 | 0.0505 | 0.0908 | 0.0015 | 1332 | 14 | 1375 | 24 | 1442 | 31 | 1442 | 31 |
| sam.53 | 0.6591 | 0.0015 | 0.1263 | 0.0013 | 1.1324 | 0.0222 | 0.0650 | 0.0012 | 767 | 8 | 769 | 15 | 775 | 38 | 767 | 8 |
| sam.54 | 0.1055 | 0.0002 | 0.1736 | 0.0019 | 1.7877 | 0.0320 | 0.0747 | 0.0012 | 1032 | 11 | 1041 | 19 | 1060 | 32 | 1060 | 32 |
| sam.55 | 0.0257 | 0.0011 | 0.1458 | 0.0017 | 1.4045 | 0.0261 | 0.0698 | 0.0011 | 878 | 10 | 891 | 17 | 924 | 33 | 924 | 33 |
| sam.56 | 0.8312 | 0.0080 | 0.4082 | 0.0055 | 7.9135 | 0.1623 | 0.1406 | 0.0023 | 2207 | 30 | 2221 | 46 | 2234 | 28 | 2234 | 28 |
| sam.57 | 0.2103 | 0.0020 | 0.1476 | 0.0016 | 1.4807 | 0.0266 | 0.0728 | 0.0012 | 887 | 10 | 922 | 17 | 1007 | 33 | 1007 | 33 |
| sam.58 | 0.8206 | 0.0035 | 0.2791 | 0.0031 | 3.8095 | 0.0685 | 0.0990 | 0.0016 | 1587 | 18 | 1595 | 29 | 1605 | 30 | 1605 | 30 |
| sam.59 | 0.4720 | 0.0016 | 0.2224 | 0.0025 | 2.7237 | 0.0491 | 0.0888 | 0.0014 | 1294 | 14 | 1335 | 24 | 1401 | 31 | 1401 | 31 |
| sam.60 | 0.2792 | 0.0024 | 0.2049 | 0.0024 | 2.2701 | 0.0411 | 0.0804 | 0.0013 | 1201 | 14 | 1203 | 22 | 1206 | 31 | 1206 | 31 |
| sam.61 | 0.7247 | 0.0024 | 0.3723 | 0.0042 | 6.4808 | 0.1158 | 0.1263 | 0.0020 | 2040 | 23 | 2043 | 37 | 2046 | 28 | 2046 | 28 |
| sam.62 | 0.7201 | 0.0025 | 0.1722 | 0.0021 | 1.7523 | 0.0353 | 0.0738 | 0.0013 | 1024 | 12 | 1028 | 21 | 1036 | 36 | 1036 | 36 |
| sam.63 | 0.7492 | 0.0041 | 0.3747 | 0.0042 | 6.6169 | 0.1180 | 0.1281 | 0.0020 | 2052 | 23 | 2062 | 37 | 2072 | 28 | 2072 | 28 |
| sam.64 | 1.1713 | 0.0062 | 0.0740 | 0.0008 | 0.5828 | 0.0113 | 0.0571 | 0.0010 | 460 | 5 | 466 | 9 | 497 | 39 | 460 | 5 |
| sam.65 | 0.0253 | 0.0004 | 0.5494 | 0.0064 | 19.0921 | 0.3516 | 0.2520 | 0.0040 | 2823 | 33 | 3046 | 56 | 3197 | 25 | 3197 | 25 |
| sam.66 | 0.4790 | 0.0029 | 0.1413 | 0.0015 | 1.3540 | 0.0257 | 0.0695 | 0.0012 | 852 | 9 | 869 | 16 | 914 | 36 | 914 | 36 |
| sam.67 | 0.2530 | 0.0010 | 0.1112 | 0.0013 | 0.9505 | 0.0172 | 0.0620 | 0.0010 | 680 | 8 | 678 | 12 | 675 | 34 | 680 | 8 |
| sam.68 | 0.3331 | 0.0005 | 0.1583 | 0.0018 | 1.5580 | 0.0282 | 0.0714 | 0.0011 | 948 | 11 | 954 | 17 | 968 | 33 | 968 | 33 |
| sam.69 | 0.1110 | 0.0007 | 0.2559 | 0.0031 | 5.1331 | 0.0964 | 0.1455 | 0.0023 | 1469 | 18 | 1842 | 35 | 2294 | 27 | 2294 | 27 |
| sam.70 | 0.6260 | 0.0021 | 0.2065 | 0.0023 | 2.6189 | 0.0479 | 0.0920 | 0.0015 | 1210 | 13 | 1306 | 24 | 1467 | 31 | 1467 | 31 |
| sam.71 | 0.0993 | 0.0007 | 0.1525 | 0.0019 | 1.4666 | 0.0285 | 0.0698 | 0.0012 | 915 | 12 | 917 | 18 | 921 | 34 | 921 | 34 |
| sam.72 | 0.9648 | 0.0049 | 0.0748 | 0.0008 | 0.5808 | 0.0137 | 0.0563 | 0.0012 | 465 | 5 | 465 | 11 | 465 | 48 | 465 | 5 |
| sam.73 | 0.6305 | 0.0051 | 0.2563 | 0.0028 | 3.2845 | 0.0601 | 0.0929 | 0.0015 | 1471 | 16 | 1477 | 27 | 1487 | 32 | 1487 | 32 |
| sam.74 | 0.2288 | 0.0057 | 0.1830 | 0.0024 | 1.8931 | 0.0369 | 0.0750 | 0.0012 | 1083 | 14 | 1079 | 21 | 1069 | 33 | 1069 | 33 |
| sam.75 | 0.0791 | 0.0003 | 0.1807 | 0.0020 | 2.0247 | 0.0370 | 0.0813 | 0.0013 | 1071 | 12 | 1124 | 21 | 1228 | 32 | 1228 | 32 |
| sam.76 | 0.4400 | 0.0071 | 0.3318 | 0.0038 | 5.0548 | 0.0924 | 0.1105 | 0.0018 | 1847 | 21 | 1829 | 33 | 1808 | 29 | 1808 | 29 |
| sam.77 | 0.4656 | 0.0045 | 0.1642 | 0.0020 | 1.6282 | 0.0305 | 0.0719 | 0.0012 | 980 | 12 | 981 | 18 | 984 | 33 | 984 | 33 |
| sam.78 | 0.4090 | 0.0020 | 0.0743 | 0.0008 | 0.5694 | 0.0106 | 0.0556 | 0.0009 | 462 | 5 | 458 | 8 | 435 | 38 | 462 | 5 |
| sam.79 | 0.8947 | 0.0058 | 0.1122 | 0.0013 | 0.9663 | 0.0216 | 0.0625 | 0.0013 | 685 | 8 | 687 | 15 | 691 | 43 | 685 | 8 |
| sam.80 | 0.2154 | 0.0066 | 0.1941 | 0.0027 | 2.0870 | 0.0444 | 0.0780 | 0.0013 | 1143 | 16 | 1145 | 24 | 1147 | 34 | 1147 | 34 |
| sam.81 | 0.2245 | 0.0023 | 0.1255 | 0.0014 | 1.1176 | 0.0216 | 0.0646 | 0.0011 | 762 | 9 | 762 | 15 | 760 | 37 | 762 | 9 |
| sam.82 | 1.4545 | 0.0099 | 0.1751 | 0.0021 | 1.7892 | 0.0360 | 0.0741 | 0.0013 | 1040 | 12 | 1042 | 21 | 1044 | 36 | 1044 | 36 |
| sam.83 | 0.6987 | 0.0044 | 0.1570 | 0.0018 | 1.5355 | 0.0370 | 0.0710 | 0.0016 | 940 | 11 | 945 | 23 | 956 | 47 | 956 | 47 |
| sam.84 | 0.5505 | 0.0047 | 0.1791 | 0.0022 | 1.8626 | 0.0392 | 0.0754 | 0.0014 | 1062 | 13 | 1068 | 22 | 1080 | 38 | 1080 | 38 |
| sam.85 | 0.4830 | 0.0011 | 0.3746 | 0.0040 | 8.1941 | 0.1442 | 0.1587 | 0.0026 | 2051 | 22 | 2253 | 40 | 2441 | 27 | 2441 | 27 |
| sam.86 | 0.9232 | 0.0041 | 0.0717 | 0.0008 | 0.5615 | 0.0119 | 0.0568 | 0.0011 | 446 | 5 | 452 | 10 | 483 | 44 | 446 | 5 |
| sam.87 | 0.5303 | 0.0035 | 0.4585 | 0.0060 | 11.1903 | 0.2250 | 0.1770 | 0.0029 | 2433 | 32 | 2539 | 51 | 2625 | 27 | 2625 | 27 |
| sam.88 | 0.4093 | 0.0054 | 0.1634 | 0.0018 | 1.6348 | 0.0301 | 0.0726 | 0.0012 | 975 | 11 | 984 | 18 | 1002 | 33 | 1002 | 33 |
| sam.89 | 0.5785 | 0.0018 | 0.0697 | 0.0007 | 0.5427 | 0.0099 | 0.0565 | 0.0009 | 434 | 5 | 440 | 8 | 472 | 37 | 434 | 5 |
| sam.90 | 0.0502 | 0.0004 | 0.1620 | 0.0018 | 1.7565 | 0.0323 | 0.0786 | 0.0013 | 968 | 11 | 1030 | 19 | 1163 | 33 | 1163 | 33 |
| sam.91 | 0.3093 | 0.0008 | 0.2678 | 0.0029 | 3.9461 | 0.0711 | 0.1069 | 0.0017 | 1530 | 17 | 1623 | 29 | 1747 | 30 | 1747 | 30 |
| sam.92 | 0.0527 | 0.0003 | 0.1533 | 0.0017 | 1.5846 | 0.0285 | 0.0750 | 0.0012 | 919 | 10 | 964 | 17 | 1068 | 33 | 1068 | 33 |
| sam.93 | 0.3242 | 0.0022 | 0.3021 | 0.0035 | 4.7302 | 0.0880 | 0.1136 | 0.0018 | 1702 | 20 | 1773 | 33 | 1857 | 29 | 1857 | 29 |
| sam.94 | 0.4037 | 0.0013 | 0.1406 | 0.0016 | 1.3000 | 0.0235 | 0.0671 | 0.0011 | 848 | 10 | 846 | 15 | 840 | 33 | 848 | 10 |
| sam.95 | 0.5704 | 0.0016 | 0.3693 | 0.0039 | 8.1041 | 0.1421 | 0.1592 | 0.0025 | 2026 | 21 | 2243 | 39 | 2447 | 27 | 2447 | 27 |
| sam.96 | 0.2025 | 0.0032 | 0.4010 | 0.0043 | 7.6716 | 0.1347 | 0.1387 | 0.0022 | 2174 | 23 | 2193 | 39 | 2212 | 28 | 2212 | 28 |
| sam.97 | 0.7042 | 0.0009 | 0.1794 | 0.0020 | 1.8598 | 0.0335 | 0.0752 | 0.0012 | 1064 | 12 | 1067 | 19 | 1073 | 33 | 1073 | 33 |
| sam.98 | 0.7798 | 0.0111 | 0.2207 | 0.0024 | 2.6576 | 0.0474 | 0.0873 | 0.0014 | 1286 | 14 | 1317 | 23 | 1368 | 31 | 1368 | 31 |
| sam.99 | 0.1740 | 0.0010 | 0.1615 | 0.0018 | 1.6404 | 0.0300 | 0.0737 | 0.0012 | 965 | 11 | 986 | 18 | 1033 | 33 | 1033 | 33 |
| sam.100 | 0.1653 | 0.0006 | 0.3170 | 0.0040 | 4.7504 | 0.0912 | 0.1087 | 0.0018 | 1775 | 22 | 1776 | 34 | 1778 | 30 | 1778 | 30 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lower Triassic Hongshuichuan Formation sample WC071515-1A | | | | | | | | | | | | | | | | |
| sam.1 | 0.3166 | 0.0015 | 0.0736 | 0.0009 | 0.5823 | 0.0082 | 0.0574 | 0.0007 | 458 | 5 | 466 | 7 | 506 | 27 | 458 | 5 |
| sam.2 | 0.3822 | 0.0012 | 0.0738 | 0.0008 | 0.5760 | 0.0085 | 0.0566 | 0.0007 | 459 | 5 | 462 | 7 | 478 | 28 | 459 | 5 |
| sam.3 | 0.9628 | 0.0105 | 0.0446 | 0.0005 | 0.3237 | 0.0154 | 0.0526 | 0.0025 | 281 | 3 | 285 | 14 | 312 | 108 | 281 | 3 |
| sam.4 | 0.7381 | 0.0032 | 0.6646 | 0.0075 | 25.3799 | 0.3451 | 0.2769 | 0.0032 | 3285 | 37 | 3323 | 45 | 3346 | 18 | 3346 | 18 |
| sam.5 | 0.5726 | 0.0053 | 0.0828 | 0.0010 | 0.9513 | 0.0338 | 0.0833 | 0.0028 | 513 | 6 | 679 | 24 | 1276 | 65 | 513 | 6 |
| sam.6 | 0.5799 | 0.0062 | 0.0734 | 0.0009 | 0.5606 | 0.0096 | 0.0554 | 0.0008 | 456 | 5 | 452 | 8 | 429 | 32 | 456 | 5 |
| sam.8 | 0.5603 | 0.0054 | 0.0731 | 0.0008 | 0.5697 | 0.0091 | 0.0565 | 0.0008 | 455 | 5 | 458 | 7 | 472 | 31 | 455 | 5 |
| sam.9 | 0.4895 | 0.0031 | 0.0732 | 0.0008 | 0.5745 | 0.0098 | 0.0569 | 0.0009 | 455 | 5 | 461 | 8 | 488 | 34 | 455 | 5 |
| sam.10 | 0.4571 | 0.0017 | 0.0731 | 0.0009 | 0.5597 | 0.0085 | 0.0555 | 0.0008 | 455 | 5 | 451 | 7 | 434 | 30 | 455 | 5 |
| sam.11 | 0.4981 | 0.0038 | 0.0727 | 0.0009 | 0.5691 | 0.0124 | 0.0568 | 0.0012 | 452 | 5 | 457 | 10 | 483 | 45 | 452 | 5 |
| sam.12 | 0.2741 | 0.0011 | 0.0764 | 0.0008 | 0.6727 | 0.0142 | 0.0638 | 0.0013 | 475 | 5 | 522 | 11 | 736 | 43 | 475 | 5 |
| sam.13 | 0.2682 | 0.0051 | 0.0730 | 0.0009 | 0.5750 | 0.0085 | 0.0571 | 0.0007 | 454 | 5 | 461 | 7 | 497 | 27 | 454 | 5 |
| sam.14 | 0.2286 | 0.0010 | 0.0736 | 0.0009 | 0.5674 | 0.0104 | 0.0559 | 0.0009 | 458 | 5 | 456 | 8 | 450 | 35 | 458 | 5 |
| sam.15 | 0.5429 | 0.0060 | 0.0725 | 0.0008 | 0.5692 | 0.0089 | 0.0569 | 0.0008 | 451 | 5 | 457 | 7 | 488 | 32 | 451 | 5 |
| sam.17 | 0.5341 | 0.0006 | 0.0736 | 0.0009 | 0.5763 | 0.0097 | 0.0568 | 0.0008 | 458 | 5 | 462 | 8 | 485 | 33 | 458 | 5 |
| sam.18 | 0.4593 | 0.0057 | 0.0724 | 0.0008 | 0.5688 | 0.0082 | 0.0570 | 0.0007 | 450 | 5 | 457 | 7 | 492 | 27 | 450 | 5 |
| sam.19 | 1.0831 | 0.0068 | 0.0429 | 0.0005 | 0.3106 | 0.0063 | 0.0525 | 0.0010 | 271 | 3 | 275 | 6 | 308 | 43 | 271 | 3 |
| sam.20 | 0.5227 | 0.0029 | 0.0720 | 0.0008 | 0.5573 | 0.0094 | 0.0561 | 0.0008 | 448 | 5 | 450 | 8 | 458 | 33 | 448 | 5 |
| sam.21 | 0.6713 | 0.0030 | 0.0711 | 0.0008 | 0.5735 | 0.0090 | 0.0585 | 0.0008 | 443 | 5 | 460 | 7 | 547 | 31 | 443 | 5 |
| sam.22 | 0.9686 | 0.0041 | 0.0434 | 0.0005 | 0.3098 | 0.0070 | 0.0518 | 0.0011 | 274 | 3 | 274 | 6 | 278 | 49 | 274 | 3 |
| sam.23 | 0.4380 | 0.0012 | 0.0733 | 0.0008 | 0.5701 | 0.0126 | 0.0564 | 0.0012 | 456 | 5 | 458 | 10 | 468 | 46 | 456 | 5 |
| sam.24 | 0.6184 | 0.0028 | 0.0432 | 0.0005 | 0.3151 | 0.0087 | 0.0529 | 0.0014 | 273 | 3 | 278 | 8 | 323 | 61 | 273 | 3 |
| sam.25 | 0.9279 | 0.0024 | 0.0436 | 0.0005 | 0.3180 | 0.0083 | 0.0529 | 0.0013 | 275 | 3 | 280 | 7 | 324 | 56 | 275 | 3 |
| sam.26 | 0.9752 | 0.0039 | 0.0435 | 0.0005 | 0.3156 | 0.0066 | 0.0526 | 0.0010 | 275 | 3 | 278 | 6 | 311 | 44 | 275 | 3 |
| sam.27 | 0.3661 | 0.0031 | 0.0663 | 0.0007 | 0.5047 | 0.0109 | 0.0552 | 0.0011 | 414 | 5 | 415 | 9 | 421 | 46 | 414 | 5 |
| sam.28 | 0.2377 | 0.0015 | 0.0714 | 0.0009 | 0.5597 | 0.0089 | 0.0569 | 0.0008 | 445 | 5 | 451 | 7 | 486 | 31 | 445 | 5 |
| sam.29 | 0.7195 | 0.0081 | 0.4556 | 0.0051 | 11.4292 | 0.1541 | 0.1819 | 0.0021 | 2420 | 27 | 2559 | 35 | 2671 | 19 | 2671 | 19 |
| sam.30 | 0.4029 | 0.0030 | 0.0710 | 0.0008 | 0.5471 | 0.0079 | 0.0559 | 0.0007 | 442 | 5 | 443 | 6 | 447 | 27 | 442 | 5 |
| sam.31 | 0.6396 | 0.0017 | 0.0708 | 0.0008 | 0.5487 | 0.0079 | 0.0562 | 0.0007 | 441 | 5 | 444 | 6 | 460 | 28 | 441 | 5 |
| sam.32 | 0.6383 | 0.0024 | 0.0710 | 0.0008 | 0.5462 | 0.0083 | 0.0558 | 0.0007 | 442 | 5 | 443 | 7 | 445 | 30 | 442 | 5 |
| sam.33 | 0.4772 | 0.0019 | 0.0709 | 0.0008 | 0.5526 | 0.0085 | 0.0566 | 0.0008 | 441 | 5 | 447 | 7 | 474 | 30 | 441 | 5 |
| sam.34 | 1.1045 | 0.0063 | 0.0422 | 0.0005 | 0.3178 | 0.0055 | 0.0547 | 0.0008 | 266 | 3 | 280 | 5 | 398 | 34 | 266 | 3 |
| sam.35 | 0.5103 | 0.0029 | 0.0706 | 0.0008 | 0.6020 | 0.0095 | 0.0618 | 0.0009 | 440 | 5 | 479 | 8 | 667 | 30 | 440 | 5 |
| sam.36 | 0.4093 | 0.0020 | 0.0725 | 0.0008 | 0.5555 | 0.0090 | 0.0556 | 0.0008 | 451 | 5 | 449 | 7 | 435 | 31 | 451 | 5 |
| sam.37 | 0.4683 | 0.0041 | 0.0727 | 0.0008 | 0.5706 | 0.0085 | 0.0569 | 0.0007 | 452 | 5 | 458 | 7 | 488 | 28 | 452 | 5 |
| sam.38 | 0.7960 | 0.0027 | 0.0433 | 0.0005 | 0.3340 | 0.0066 | 0.0559 | 0.0010 | 273 | 3 | 293 | 6 | 449 | 41 | 273 | 3 |
| sam.39 | 0.6568 | 0.0044 | 0.0444 | 0.0005 | 0.3413 | 0.0080 | 0.0557 | 0.0012 | 280 | 3 | 298 | 7 | 440 | 50 | 280 | 3 |
| sam.40 | 0.3723 | 0.0014 | 0.0720 | 0.0008 | 0.5545 | 0.0083 | 0.0558 | 0.0008 | 448 | 5 | 448 | 7 | 446 | 30 | 448 | 5 |
| sam.41 | 0.6116 | 0.0037 | 0.0708 | 0.0008 | 0.5555 | 0.0078 | 0.0569 | 0.0007 | 441 | 5 | 449 | 6 | 487 | 29 | 441 | 5 |
| sam.42 | 0.4893 | 0.0043 | 0.0713 | 0.0008 | 0.5530 | 0.0095 | 0.0562 | 0.0009 | 444 | 5 | 447 | 8 | 462 | 35 | 444 | 5 |
| sam.43 | 0.5770 | 0.0040 | 0.0409 | 0.0005 | 0.2973 | 0.0054 | 0.0527 | 0.0009 | 258 | 3 | 264 | 5 | 316 | 38 | 258 | 3 |
| sam.44 | 0.5224 | 0.0061 | 0.0736 | 0.0009 | 0.5741 | 0.0087 | 0.0566 | 0.0008 | 458 | 6 | 461 | 7 | 474 | 30 | 458 | 6 |
| sam.45 | 0.3581 | 0.0014 | 0.2443 | 0.0029 | 2.9831 | 0.0423 | 0.0886 | 0.0011 | 1409 | 16 | 1403 | 20 | 1395 | 23 | 1395 | 23 |
| sam.46 | 0.7097 | 0.0065 | 0.0429 | 0.0005 | 0.3075 | 0.0074 | 0.0520 | 0.0012 | 271 | 3 | 272 | 7 | 287 | 51 | 271 | 3 |
| sam.47 | 0.4694 | 0.0010 | 0.0735 | 0.0009 | 0.5729 | 0.0108 | 0.0566 | 0.0010 | 457 | 5 | 460 | 9 | 475 | 38 | 457 | 5 |
| sam.48 | 0.7579 | 0.0055 | 0.0699 | 0.0008 | 0.5340 | 0.0073 | 0.0554 | 0.0007 | 436 | 5 | 434 | 6 | 427 | 27 | 436 | 5 |
| sam.49 | 1.2744 | 0.0068 | 0.1602 | 0.0018 | 1.6079 | 0.0225 | 0.0728 | 0.0009 | 958 | 11 | 973 | 14 | 1008 | 24 | 958 | 11 |
| sam.50 | 0.6562 | 0.0065 | 0.0713 | 0.0008 | 0.5584 | 0.0082 | 0.0568 | 0.0007 | 444 | 5 | 450 | 7 | 483 | 28 | 444 | 5 |
| sam.51 | 0.5362 | 0.0053 | 0.0734 | 0.0008 | 0.5770 | 0.0083 | 0.0570 | 0.0007 | 457 | 5 | 463 | 7 | 492 | 27 | 457 | 5 |
| sam.52 | 0.8708 | 0.0071 | 0.0734 | 0.0008 | 0.5658 | 0.0132 | 0.0559 | 0.0013 | 457 | 5 | 455 | 11 | 449 | 50 | 457 | 5 |
| sam.53 | 0.5385 | 0.0050 | 0.0736 | 0.0008 | 0.5757 | 0.0086 | 0.0567 | 0.0007 | 458 | 5 | 462 | 7 | 481 | 29 | 458 | 5 |
| sam.54 | 0.6826 | 0.0057 | 0.0414 | 0.0005 | 0.2978 | 0.0156 | 0.0521 | 0.0027 | 262 | 3 | 265 | 14 | 291 | 119 | 262 | 3 |
| sam.55 | 0.6421 | 0.0009 | 0.0727 | 0.0008 | 0.5691 | 0.0081 | 0.0568 | 0.0007 | 452 | 5 | 457 | 6 | 483 | 27 | 452 | 5 |
| sam.56 | 0.4979 | 0.0025 | 0.0735 | 0.0008 | 0.5759 | 0.0094 | 0.0568 | 0.0008 | 457 | 5 | 462 | 8 | 485 | 31 | 457 | 5 |
| sam.57 | 0.6022 | 0.0018 | 0.0485 | 0.0006 | 1.1204 | 0.0280 | 0.1676 | 0.0036 | 305 | 4 | 763 | 19 | 2534 | 36 | / | / |
| sam.58 | 0.8548 | 0.0050 | 0.0433 | 0.0005 | 0.3085 | 0.0070 | 0.0517 | 0.0011 | 273 | 3 | 273 | 6 | 273 | 49 | 273 | 3 |
| sam.59 | 0.7187 | 0.0054 | 0.0423 | 0.0005 | 0.3335 | 0.0059 | 0.0572 | 0.0009 | 267 | 3 | 292 | 5 | 500 | 33 | 267 | 3 |
| sam.60 | 0.2528 | 0.0017 | 0.0713 | 0.0008 | 0.5600 | 0.0081 | 0.0570 | 0.0007 | 444 | 5 | 452 | 7 | 491 | 27 | 444 | 5 |
| sam.61 | 0.6996 | 0.0172 | 0.0414 | 0.0005 | 0.3029 | 0.0082 | 0.0530 | 0.0014 | 262 | 3 | 269 | 7 | 331 | 58 | 262 | 3 |
| sam.62 | 1.0422 | 0.0028 | 0.0431 | 0.0005 | 0.3091 | 0.0057 | 0.0520 | 0.0009 | 272 | 3 | 273 | 5 | 285 | 38 | 272 | 3 |
| sam.63 | 0.3263 | 0.0037 | 0.0707 | 0.0008 | 0.5450 | 0.0200 | 0.0559 | 0.0020 | 440 | 5 | 442 | 16 | 449 | 80 | 440 | 5 |
| sam.64 | 0.2376 | 0.0010 | 0.0709 | 0.0008 | 0.5562 | 0.0079 | 0.0569 | 0.0007 | 442 | 5 | 449 | 6 | 487 | 28 | 442 | 5 |
| sam.65 | 0.4845 | 0.0018 | 0.0438 | 0.0005 | 0.3185 | 0.0108 | 0.0527 | 0.0018 | 276 | 3 | 281 | 10 | 318 | 76 | 276 | 3 |
| sam.66 | 0.5047 | 0.0018 | 0.0710 | 0.0008 | 0.5400 | 0.0145 | 0.0552 | 0.0014 | 442 | 5 | 438 | 12 | 419 | 57 | 442 | 5 |
| sam.67 | 0.4058 | 0.0024 | 0.0732 | 0.0008 | 0.5709 | 0.0096 | 0.0565 | 0.0009 | 456 | 5 | 459 | 8 | 474 | 34 | 456 | 5 |
| sam.68 | 0.4216 | 0.0020 | 0.0727 | 0.0008 | 0.6255 | 0.0086 | 0.0624 | 0.0008 | 453 | 5 | 493 | 7 | 687 | 26 | 453 | 5 |
| sam.69 | 1.2834 | 0.0082 | 0.0430 | 0.0005 | 0.3138 | 0.0062 | 0.0530 | 0.0010 | 271 | 3 | 277 | 5 | 327 | 41 | 271 | 3 |
| sam.70 | 0.4645 | 0.0012 | 0.0713 | 0.0008 | 0.5519 | 0.0075 | 0.0561 | 0.0007 | 444 | 5 | 446 | 6 | 458 | 27 | 444 | 5 |
| sam.71 | 0.2827 | 0.0007 | 0.1702 | 0.0020 | 1.7656 | 0.0268 | 0.0752 | 0.0009 | 1013 | 12 | 1033 | 16 | 1074 | 24 | 1074 | 24 |
| sam.72 | 0.3888 | 0.0013 | 0.0719 | 0.0008 | 0.5556 | 0.0086 | 0.0560 | 0.0008 | 448 | 5 | 449 | 7 | 453 | 30 | 448 | 5 |
| sam.73 | 0.2646 | 0.0010 | 0.0709 | 0.0008 | 0.5475 | 0.0086 | 0.0560 | 0.0008 | 441 | 5 | 443 | 7 | 454 | 31 | 441 | 5 |
| sam.74 | 0.7137 | 0.0108 | 0.0432 | 0.0005 | 0.3082 | 0.0060 | 0.0517 | 0.0009 | 273 | 3 | 273 | 5 | 274 | 41 | 273 | 3 |
| sam.75 | 0.7811 | 0.0025 | 0.0423 | 0.0005 | 0.2991 | 0.0060 | 0.0513 | 0.0009 | 267 | 3 | 266 | 5 | 252 | 42 | 267 | 3 |
| sam.76 | 0.2906 | 0.0024 | 0.0748 | 0.0009 | 0.5809 | 0.0080 | 0.0563 | 0.0007 | 465 | 5 | 465 | 6 | 465 | 26 | 465 | 5 |
| sam.77 | 0.8072 | 0.0025 | 0.0700 | 0.0007 | 0.5427 | 0.0074 | 0.0563 | 0.0007 | 436 | 5 | 440 | 6 | 462 | 27 | 436 | 5 |
| sam.78 | 0.5925 | 0.0097 | 0.0397 | 0.0004 | 0.2806 | 0.0153 | 0.0512 | 0.0028 | 251 | 3 | 251 | 14 | 251 | 126 | 251 | 3 |
| sam.79 | 0.4138 | 0.0031 | 0.0424 | 0.0005 | 0.2996 | 0.0059 | 0.0513 | 0.0009 | 268 | 3 | 266 | 5 | 253 | 42 | 268 | 3 |
| sam.80 | 0.4413 | 0.0008 | 0.0719 | 0.0008 | 0.5509 | 0.0083 | 0.0556 | 0.0007 | 448 | 5 | 446 | 7 | 435 | 28 | 448 | 5 |
| sam.81 | 0.6439 | 0.0053 | 0.0719 | 0.0008 | 0.5497 | 0.0139 | 0.0554 | 0.0013 | 448 | 5 | 445 | 11 | 430 | 51 | 448 | 5 |
| sam.82 | 0.4391 | 0.0034 | 0.0716 | 0.0008 | 0.5496 | 0.0085 | 0.0556 | 0.0007 | 446 | 5 | 445 | 7 | 438 | 29 | 446 | 5 |
| sam.83 | 0.5982 | 0.0023 | 0.0710 | 0.0008 | 0.5507 | 0.0104 | 0.0563 | 0.0010 | 442 | 5 | 445 | 8 | 464 | 38 | 442 | 5 |
| sam.84 | 0.5513 | 0.0015 | 0.0716 | 0.0008 | 0.5557 | 0.0089 | 0.0563 | 0.0008 | 446 | 5 | 449 | 7 | 462 | 30 | 446 | 5 |
| sam.85 | 0.7798 | 0.0065 | 0.0604 | 0.0008 | 0.6529 | 0.0093 | 0.0784 | 0.0010 | 378 | 5 | 510 | 7 | 1158 | 25 | 378 | 5 |
| sam.86 | 0.0628 | 0.0005 | 0.0700 | 0.0008 | 0.5965 | 0.0106 | 0.0618 | 0.0010 | 436 | 5 | 475 | 8 | 668 | 34 | 436 | 5 |
| sam.87 | 0.1559 | 0.0007 | 0.0714 | 0.0008 | 0.5514 | 0.0089 | 0.0560 | 0.0008 | 444 | 5 | 446 | 7 | 454 | 31 | 444 | 5 |
| sam.88 | 0.4135 | 0.0037 | 0.0714 | 0.0008 | 0.5458 | 0.0090 | 0.0555 | 0.0008 | 444 | 5 | 442 | 7 | 431 | 32 | 444 | 5 |
| sam.89 | 0.6343 | 0.0029 | 0.0728 | 0.0009 | 0.5678 | 0.0118 | 0.0566 | 0.0011 | 453 | 5 | 457 | 9 | 475 | 42 | 453 | 5 |
| sam.90 | 0.7609 | 0.0047 | 0.0707 | 0.0008 | 0.5437 | 0.0145 | 0.0558 | 0.0015 | 440 | 5 | 441 | 12 | 444 | 58 | 440 | 5 |
| sam.91 | 0.6028 | 0.0036 | 0.0711 | 0.0008 | 0.5486 | 0.0101 | 0.0560 | 0.0009 | 443 | 5 | 444 | 8 | 450 | 35 | 443 | 5 |
| sam.92 | 0.3954 | 0.0037 | 0.0715 | 0.0008 | 0.5502 | 0.0098 | 0.0558 | 0.0009 | 445 | 5 | 445 | 8 | 445 | 35 | 445 | 5 |
| sam.93 | 0.3893 | 0.0022 | 0.0739 | 0.0010 | 0.5792 | 0.0141 | 0.0569 | 0.0013 | 460 | 6 | 464 | 11 | 486 | 52 | 460 | 6 |
| sam.94 | 0.2787 | 0.0021 | 0.0737 | 0.0008 | 0.5736 | 0.0090 | 0.0564 | 0.0008 | 459 | 5 | 460 | 7 | 469 | 32 | 459 | 5 |
| sam.95 | 0.7352 | 0.0031 | 0.0439 | 0.0005 | 0.3171 | 0.0063 | 0.0524 | 0.0010 | 277 | 3 | 280 | 6 | 301 | 43 | 277 | 3 |
| sam.96 | 0.4613 | 0.0043 | 0.0720 | 0.0008 | 0.5566 | 0.0086 | 0.0561 | 0.0008 | 448 | 5 | 449 | 7 | 456 | 30 | 448 | 5 |
| sam.97 | 0.4936 | 0.0015 | 0.0710 | 0.0008 | 0.5443 | 0.0108 | 0.0556 | 0.0010 | 442 | 5 | 441 | 9 | 435 | 42 | 442 | 5 |
| sam.98 | 0.5556 | 0.0006 | 0.0433 | 0.0005 | 0.3080 | 0.0060 | 0.0516 | 0.0009 | 273 | 3 | 273 | 5 | 267 | 39 | 273 | 3 |
| sam.99 | 0.5179 | 0.0045 | 0.0735 | 0.0009 | 0.5632 | 0.0090 | 0.0556 | 0.0008 | 457 | 5 | 454 | 7 | 435 | 31 | 457 | 5 |
| sam.100 | 0.6611 | 0.0020 | 0.0422 | 0.0005 | 0.3095 | 0.0101 | 0.0532 | 0.0017 | 266 | 3 | 274 | 9 | 337 | 74 | 266 | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Middle Triassic Naocangjiangou Formation sample WC010514-7B | | | | | | | | | | | | | | | | |
| sam.1 | 0.15949 | 0.06 | 0.16084 | 0.00093 | 1.56591 | 0.01824 | 0.07061 | 0.00092 | 961 | 5 | 957 | 7 | 946 | 27 | 961 | 5 |
| sam.2 | 0.238663 | 0.04 | 0.3954 | 0.00352 | 8.13066 | 0.11802 | 0.14924 | 0.00251 | 2148 | 16 | 2246 | 13 | 2337 | 13 | 2337 | 13 |
| sam.3 | 0.694444 | 0.01 | 0.16656 | 0.00763 | 1.59827 | 0.31228 | 0.06964 | 0.01371 | 993 | 42 | 970 | 122 | 918 | 342 | 993 | 42 |
| sam.4 | 0.746269 | 0.01 | 0.24598 | 0.00178 | 3.10695 | 0.04586 | 0.09167 | 0.00159 | 1418 | 9 | 1434 | 11 | 1461 | 17 | 1461 | 17 |
| sam.5 | 0.558659 | 0.02 | 0.34811 | 0.00222 | 5.94039 | 0.06995 | 0.12376 | 0.00166 | 1926 | 11 | 1967 | 10 | 2011 | 24 | 2011 | 24 |
| sam.6 | 0.787402 | 0.01 | 0.06738 | 0.00047 | 0.53154 | 0.01116 | 0.05725 | 0.00133 | 420 | 3 | 433 | 7 | 501 | 34 | 420 | 3 |
| sam.7 | 0.961538 | 0.01 | 0.15572 | 0.0009 | 1.66607 | 0.01642 | 0.07765 | 0.00105 | 933 | 5 | 996 | 6 | 1138 | 11 | 933 | 5 |
| sam.8 | 0.581395 | 0.02 | 0.03907 | 0.00032 | 0.29587 | 0.00961 | 0.05496 | 0.00188 | 247 | 2 | 263 | 8 | 411 | 58 | 247 | 2 |
| sam.9 | 0.350877 | 0.03 | 0.45098 | 0.00289 | 9.77846 | 0.08565 | 0.15735 | 0.00196 | 2400 | 13 | 2414 | 8 | 2427 | 7 | 2427 | 7 |
| sam.10 | 0.26455 | 0.04 | 0.24428 | 0.00298 | 3.02801 | 0.08747 | 0.08995 | 0.00273 | 1409 | 15 | 1415 | 22 | 1424 | 37 | 1424 | 37 |
| sam.11 | 0.341297 | 0.03 | 0.30228 | 0.002 | 4.43103 | 0.05632 | 0.10631 | 0.00152 | 1703 | 10 | 1718 | 11 | 1737 | 27 | 1737 | 27 |
| sam.12 | 0.173611 | 0.06 | 0.41301 | 0.01589 | 8.66578 | 0.63003 | 0.15225 | 0.0108 | 2229 | 72 | 2303 | 66 | 2371 | 73 | 2371 | 73 |
| sam.13 | 0.25974 | 0.04 | 0.05969 | 0.00041 | 0.48479 | 0.00951 | 0.05893 | 0.00129 | 374 | 2 | 401 | 7 | 565 | 31 | 374 | 2 |
| sam.14 | 0.564972 | 0.02 | 0.20965 | 0.00156 | 2.36116 | 0.03802 | 0.08172 | 0.00152 | 1227 | 8 | 1231 | 11 | 1239 | 20 | 1239 | 20 |
| sam.15 | 0.196464 | 0.05 | 0.16909 | 0.00104 | 1.71906 | 0.02011 | 0.07376 | 0.0011 | 1007 | 6 | 1016 | 8 | 1035 | 14 | 1035 | 14 |
| sam.16 | 0.529101 | 0.02 | 0.6208 | 0.00534 | 24.24136 | 0.27545 | 0.28321 | 0.00404 | 3113 | 21 | 3278 | 11 | 3381 | 23 | 3381 | 23 |
| sam.17 | 0.33557 | 0.03 | 0.30478 | 0.00177 | 4.51775 | 0.03744 | 0.10755 | 0.00132 | 1715 | 9 | 1734 | 7 | 1758 | 7 | 1758 | 7 |
| sam.18 | 0.255102 | 0.04 | 0.3098 | 0.00191 | 4.9731 | 0.05064 | 0.11643 | 0.00139 | 1740 | 9 | 1815 | 9 | 1902 | 22 | 1902 | 22 |
| sam.19 | 0.980392 | 0.01 | 0.17453 | 0.00361 | 1.78828 | 0.11154 | 0.07434 | 0.00473 | 1037 | 20 | 1041 | 41 | 1051 | 92 | 1051 | 92 |
| sam.20 | 0.645161 | 0.02 | 0.13671 | 0.00081 | 1.29794 | 0.0146 | 0.06888 | 0.001 | 826 | 5 | 845 | 6 | 895 | 14 | 826 | 5 |
| sam.21 | 0.2457 | 0.04 | 0.14868 | 0.00084 | 1.44283 | 0.01363 | 0.0704 | 0.00092 | 894 | 5 | 907 | 6 | 940 | 11 | 894 | 5 |
| sam.22 | 0.757576 | 0.01 | 0.09448 | 0.00093 | 0.80182 | 0.03443 | 0.06155 | 0.00271 | 582 | 5 | 598 | 19 | 659 | 97 | 582 | 5 |
| sam.23 | 0.452489 | 0.02 | 0.51044 | 0.00343 | 11.66752 | 0.10551 | 0.16582 | 0.00207 | 2659 | 15 | 2578 | 8 | 2516 | 7 | 2516 | 7 |
| sam.24 | 0.60241 | 0.02 | 0.14011 | 0.00099 | 1.30402 | 0.02941 | 0.0675 | 0.00159 | 845 | 6 | 847 | 13 | 853 | 50 | 845 | 6 |
| sam.25 | 0.061767 | 0.16 | 0.18084 | 0.00098 | 1.91498 | 0.01557 | 0.0768 | 0.00075 | 1072 | 5 | 1086 | 5 | 1116 | 20 | 1116 | 20 |
| sam.26 | 0.082169 | 0.12 | 0.31643 | 0.00215 | 4.69085 | 0.05487 | 0.10752 | 0.00145 | 1772 | 11 | 1766 | 10 | 1758 | 25 | 1758 | 25 |
| sam.27 | 0.416667 | 0.02 | 0.14553 | 0.00115 | 1.45239 | 0.02852 | 0.07239 | 0.00158 | 876 | 6 | 911 | 12 | 997 | 27 | 876 | 6 |
| sam.28 | 0.277008 | 0.04 | 0.14376 | 0.00094 | 1.4195 | 0.0201 | 0.07162 | 0.00121 | 866 | 5 | 897 | 8 | 975 | 18 | 866 | 5 |
| sam.29 | 0.518135 | 0.02 | 0.42169 | 0.0027 | 9.35798 | 0.08082 | 0.16098 | 0.00198 | 2268 | 12 | 2374 | 8 | 2466 | 7 | 2466 | 7 |
| sam.30 | 0.352113 | 0.03 | 0.29624 | 0.0024 | 4.4257 | 0.06676 | 0.10837 | 0.00189 | 1673 | 12 | 1717 | 12 | 1772 | 16 | 1772 | 16 |
| sam.31 | 0.286533 | 0.03 | 0.13683 | 0.00089 | 1.31265 | 0.01873 | 0.06959 | 0.00118 | 827 | 5 | 851 | 8 | 916 | 19 | 827 | 5 |
| sam.32 | 0.5 | 0.02 | 0.30252 | 0.00182 | 4.41488 | 0.03925 | 0.10586 | 0.00133 | 1704 | 9 | 1715 | 7 | 1729 | 8 | 1729 | 8 |
| sam.33 | 0.438596 | 0.02 | 0.24955 | 0.00227 | 3.15595 | 0.07653 | 0.09172 | 0.00237 | 1436 | 12 | 1446 | 19 | 1462 | 50 | 1462 | 50 |
| sam.34 | 0.302115 | 0.03 | 0.09984 | 0.00085 | 0.86767 | 0.02351 | 0.06304 | 0.00182 | 613 | 5 | 634 | 13 | 710 | 43 | 613 | 5 |
| sam.35 | 0.724638 | 0.01 | 0.17287 | 0.00264 | 1.76995 | 0.08397 | 0.07427 | 0.00362 | 1028 | 15 | 1035 | 31 | 1049 | 71 | 1049 | 71 |
| sam.36 | 0.277008 | 0.04 | 0.27092 | 0.00419 | 3.63161 | 0.13006 | 0.09723 | 0.00358 | 1545 | 21 | 1556 | 29 | 1572 | 44 | 1572 | 44 |
| sam.37 | 0.12987 | 0.08 | 0.17892 | 0.001 | 1.90303 | 0.01823 | 0.07714 | 0.00086 | 1061 | 5 | 1082 | 6 | 1125 | 23 | 1125 | 23 |
| sam.38 | 0.854701 | 0.01 | 0.18048 | 0.00142 | 1.92342 | 0.0363 | 0.07731 | 0.00162 | 1070 | 8 | 1089 | 13 | 1129 | 25 | 1129 | 25 |
| sam.39 | 0.473934 | 0.02 | 0.30539 | 0.00432 | 4.48668 | 0.13549 | 0.10657 | 0.00333 | 1718 | 21 | 1729 | 25 | 1742 | 35 | 1742 | 35 |
| sam.40 | 0.763359 | 0.01 | 0.14819 | 0.0011 | 1.45521 | 0.02676 | 0.07123 | 0.00147 | 891 | 6 | 912 | 11 | 964 | 25 | 891 | 6 |
| sam.41 | 0.308642 | 0.03 | 0.43007 | 0.00257 | 9.64035 | 0.07921 | 0.16257 | 0.00165 | 2306 | 12 | 2401 | 8 | 2483 | 18 | 2483 | 18 |
| sam.42 | 0.131926 | 0.08 | 0.19337 | 0.00125 | 2.12271 | 0.02619 | 0.07963 | 0.00122 | 1140 | 7 | 1156 | 9 | 1188 | 14 | 1188 | 14 |
| sam.43 | 0.266667 | 0.04 | 0.14719 | 0.00087 | 1.39087 | 0.01774 | 0.06853 | 0.00096 | 885 | 5 | 885 | 8 | 885 | 30 | 885 | 5 |
| sam.44 | 0.055679 | 0.18 | 0.17148 | 0.00099 | 1.77898 | 0.01789 | 0.07524 | 0.00087 | 1020 | 5 | 1038 | 7 | 1075 | 24 | 1075 | 24 |
| sam.45 | 0.328947 | 0.03 | 0.16068 | 0.00137 | 1.66932 | 0.03518 | 0.07536 | 0.00174 | 961 | 8 | 997 | 13 | 1078 | 29 | 961 | 8 |
| sam.46 | 0.207039 | 0.05 | 0.14464 | 0.00094 | 1.38165 | 0.02203 | 0.06928 | 0.00119 | 871 | 5 | 881 | 9 | 907 | 36 | 871 | 5 |
| sam.47 | 1.666667 | 0.01 | 0.11251 | 0.00064 | 1.02177 | 0.0096 | 0.06587 | 0.00085 | 687 | 4 | 715 | 5 | 802 | 11 | 687 | 4 |
| sam.48 | 0.389105 | 0.03 | 0.17226 | 0.00101 | 1.76798 | 0.01696 | 0.07445 | 0.00097 | 1025 | 6 | 1034 | 6 | 1054 | 10 | 1054 | 10 |
| sam.49 | 0.226244 | 0.04 | 0.15045 | 0.00089 | 1.46879 | 0.0153 | 0.07081 | 0.00097 | 903 | 5 | 918 | 6 | 952 | 12 | 903 | 5 |
| sam.50 | 0.165289 | 0.06 | 0.49251 | 0.00267 | 12.99079 | 0.0803 | 0.1913 | 0.00157 | 2582 | 12 | 2679 | 6 | 2753 | 14 | 2753 | 14 |
| sam.51 | 0.215517 | 0.05 | 0.22046 | 0.00149 | 2.63793 | 0.03295 | 0.08679 | 0.00133 | 1284 | 8 | 1311 | 9 | 1356 | 14 | 1356 | 14 |
| sam.52 | 0.344828 | 0.03 | 0.23879 | 0.00356 | 2.99411 | 0.10864 | 0.09095 | 0.00341 | 1380 | 19 | 1406 | 28 | 1446 | 46 | 1446 | 46 |
| sam.53 | 0.813008 | 0.01 | 0.24782 | 0.00155 | 3.27079 | 0.03367 | 0.09574 | 0.0013 | 1427 | 8 | 1474 | 8 | 1543 | 10 | 1543 | 10 |
| sam.54 | 0.909091 | 0.01 | 0.1954 | 0.00117 | 2.20281 | 0.02186 | 0.08177 | 0.00109 | 1151 | 6 | 1182 | 7 | 1240 | 10 | 1240 | 10 |
| sam.55 | 0.373134 | 0.03 | 0.17186 | 0.00115 | 1.7652 | 0.02453 | 0.0745 | 0.00123 | 1022 | 6 | 1033 | 9 | 1055 | 17 | 1055 | 17 |
| sam.56 | 0.436681 | 0.02 | 0.42257 | 0.00255 | 9.14021 | 0.07947 | 0.15688 | 0.00166 | 2272 | 12 | 2352 | 8 | 2422 | 18 | 2422 | 18 |
| sam.57 | 0.239234 | 0.04 | 0.14513 | 0.00088 | 1.40151 | 0.01859 | 0.07004 | 0.00102 | 874 | 5 | 890 | 8 | 929 | 31 | 874 | 5 |
| sam.58 | 0.285714 | 0.03 | 0.27837 | 0.0017 | 3.83692 | 0.03527 | 0.09998 | 0.00127 | 1583 | 9 | 1601 | 7 | 1624 | 9 | 1624 | 9 |
| sam.59 | 1.234568 | 0.01 | 0.47351 | 0.00319 | 10.49814 | 0.09534 | 0.16083 | 0.00199 | 2499 | 14 | 2480 | 8 | 2464 | 7 | 2464 | 7 |
| sam.60 | 0.131234 | 0.08 | 0.17087 | 0.00102 | 1.76422 | 0.02011 | 0.07488 | 0.00096 | 1017 | 6 | 1032 | 7 | 1065 | 26 | 1065 | 26 |
| sam.61 | 0.398406 | 0.03 | 0.21926 | 0.00126 | 2.48844 | 0.02091 | 0.08233 | 0.001 | 1278 | 7 | 1269 | 6 | 1253 | 8 | 1253 | 8 |
| sam.62 | 0.355872 | 0.03 | 0.43255 | 0.00264 | 9.1537 | 0.08041 | 0.15348 | 0.00164 | 2317 | 12 | 2353 | 8 | 2385 | 19 | 2385 | 19 |
| sam.63 | 0.588235 | 0.02 | 0.13696 | 0.0008 | 1.36724 | 0.0134 | 0.07242 | 0.00095 | 827 | 5 | 875 | 6 | 998 | 11 | 827 | 5 |
| sam.64 | 0.502513 | 0.02 | 0.23017 | 0.00162 | 2.75907 | 0.03736 | 0.08696 | 0.0014 | 1335 | 8 | 1345 | 10 | 1360 | 15 | 1360 | 15 |
| sam.65 | 0.598802 | 0.02 | 0.22387 | 0.00128 | 2.58224 | 0.02102 | 0.08368 | 0.001 | 1302 | 7 | 1296 | 6 | 1285 | 8 | 1285 | 8 |
| sam.66 | 0.526316 | 0.02 | 0.29736 | 0.00419 | 4.32766 | 0.13188 | 0.10558 | 0.00333 | 1678 | 21 | 1699 | 25 | 1724 | 35 | 1724 | 35 |
| sam.67 | 0.228833 | 0.04 | 0.09115 | 0.0006 | 0.70796 | 0.01171 | 0.05635 | 0.00106 | 562 | 4 | 544 | 7 | 466 | 25 | 562 | 4 |
| sam.68 | 0.406504 | 0.02 | 0.3016 | 0.00194 | 4.35254 | 0.04386 | 0.1047 | 0.00139 | 1699 | 10 | 1703 | 8 | 1709 | 10 | 1709 | 10 |
| sam.69 | 0.371747 | 0.03 | 0.13933 | 0.00087 | 1.34323 | 0.01634 | 0.06994 | 0.00105 | 841 | 5 | 865 | 7 | 927 | 15 | 841 | 5 |
| sam.70 | 1.030928 | 0.01 | 0.22006 | 0.00141 | 2.61421 | 0.02946 | 0.08619 | 0.00123 | 1282 | 7 | 1305 | 8 | 1342 | 12 | 1342 | 12 |
| sam.71 | 1.020408 | 0.01 | 0.15606 | 0.0012 | 1.4983 | 0.0287 | 0.06966 | 0.00148 | 935 | 7 | 930 | 12 | 918 | 27 | 935 | 7 |
| sam.72 | 0.057274 | 0.17 | 0.23179 | 0.00139 | 2.586 | 0.02476 | 0.08095 | 0.00105 | 1344 | 7 | 1297 | 7 | 1220 | 10 | 1220 | 10 |
| sam.73 | 1.449275 | 0.01 | 0.23296 | 0.00153 | 2.85342 | 0.03313 | 0.08887 | 0.00129 | 1350 | 8 | 1370 | 9 | 1401 | 13 | 1401 | 13 |
| sam.74 | 0.625 | 0.02 | 0.15828 | 0.00121 | 1.65623 | 0.02928 | 0.07592 | 0.00151 | 947 | 7 | 992 | 11 | 1093 | 23 | 947 | 7 |
| sam.75 | 0.331126 | 0.03 | 0.13808 | 0.001 | 1.28213 | 0.02273 | 0.06737 | 0.00134 | 834 | 6 | 838 | 10 | 849 | 25 | 834 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Late Triassic Babaoshan Formation sample WC100310-2A | | | | | | | | | | | | | | | | |
| sam.1 | 1.5169 | 0.0141 | 0.0640 | 0.0007 | 0.4852 | 0.0079 | 0.0550 | 0.0008 | 400 | 4 | 402 | 7 | 411 | 34 | 400 | 4 |
| sam.2 | 0.5465 | 0.0055 | 0.1444 | 0.0016 | 1.3747 | 0.0235 | 0.0691 | 0.0010 | 869 | 10 | 878 | 15 | 900 | 31 | 869 | 10 |
| sam.3 | 0.9103 | 0.0110 | 0.0648 | 0.0007 | 0.4941 | 0.0079 | 0.0553 | 0.0008 | 405 | 4 | 408 | 6 | 423 | 32 | 405 | 4 |
| sam.4 | 0.1091 | 0.0041 | 0.0643 | 0.0007 | 0.4978 | 0.0077 | 0.0562 | 0.0008 | 402 | 4 | 410 | 6 | 459 | 31 | 402 | 4 |
| sam.5 | 1.0490 | 0.0082 | 0.0646 | 0.0007 | 0.4945 | 0.0079 | 0.0555 | 0.0008 | 404 | 4 | 408 | 6 | 432 | 31 | 404 | 4 |
| sam.6 | 0.5382 | 0.0047 | 0.0685 | 0.0007 | 0.5319 | 0.0086 | 0.0563 | 0.0008 | 427 | 5 | 433 | 7 | 465 | 32 | 427 | 5 |
| sam.7 | 0.8687 | 0.0092 | 0.0475 | 0.0006 | 0.3478 | 0.0066 | 0.0531 | 0.0008 | 299 | 4 | 303 | 6 | 333 | 34 | 299 | 4 |
| sam.8 | 0.4910 | 0.0045 | 0.0585 | 0.0006 | 0.4429 | 0.0070 | 0.0549 | 0.0008 | 366 | 4 | 372 | 6 | 409 | 32 | 366 | 4 |
| sam.9 | 1.0356 | 0.0099 | 0.0621 | 0.0007 | 0.4750 | 0.0082 | 0.0555 | 0.0009 | 388 | 4 | 395 | 7 | 433 | 35 | 388 | 4 |
| sam.10 | 0.2995 | 0.0030 | 0.1223 | 0.0013 | 1.0848 | 0.0174 | 0.0643 | 0.0009 | 744 | 8 | 746 | 12 | 752 | 30 | 744 | 8 |
| sam.11 | 0.2304 | 0.0014 | 0.1484 | 0.0016 | 1.6937 | 0.0269 | 0.0828 | 0.0012 | 892 | 10 | 1006 | 16 | 1264 | 27 | 892 | 10 |
| sam.12 | 0.0804 | 0.0004 | 0.1868 | 0.0021 | 2.0832 | 0.0337 | 0.0809 | 0.0011 | 1104 | 13 | 1143 | 18 | 1219 | 27 | 1219 | 27 |
| sam.13 | 0.4461 | 0.0064 | 0.1493 | 0.0019 | 1.4230 | 0.0277 | 0.0691 | 0.0011 | 897 | 11 | 899 | 17 | 902 | 34 | 897 | 11 |
| sam.14 | 0.8805 | 0.0024 | 0.0645 | 0.0007 | 0.4970 | 0.0082 | 0.0559 | 0.0008 | 403 | 4 | 410 | 7 | 449 | 33 | 403 | 4 |
| sam.15 | 0.5996 | 0.0053 | 0.0631 | 0.0007 | 0.4864 | 0.0094 | 0.0559 | 0.0010 | 394 | 4 | 402 | 8 | 448 | 40 | 394 | 4 |
| sam.16 | 1.0726 | 0.0225 | 0.0654 | 0.0007 | 0.5064 | 0.0081 | 0.0562 | 0.0008 | 408 | 4 | 416 | 7 | 459 | 31 | 408 | 4 |
| sam.17 | 0.7413 | 0.0064 | 0.0653 | 0.0007 | 0.4995 | 0.0086 | 0.0554 | 0.0009 | 408 | 4 | 411 | 7 | 430 | 35 | 408 | 4 |
| sam.18 | 0.2680 | 0.0064 | 0.2567 | 0.0028 | 3.7245 | 0.0589 | 0.1052 | 0.0015 | 1473 | 16 | 1577 | 25 | 1718 | 25 | 1718 | 25 |
| sam.19 | 0.8886 | 0.0045 | 0.0730 | 0.0008 | 0.5763 | 0.0125 | 0.0572 | 0.0011 | 454 | 5 | 462 | 10 | 501 | 43 | 454 | 5 |
| sam.20 | 0.7806 | 0.0143 | 0.1488 | 0.0016 | 1.5927 | 0.0251 | 0.0776 | 0.0011 | 894 | 9 | 967 | 15 | 1138 | 28 | 894 | 9 |
| sam.21 | 0.0495 | 0.0010 | 0.0672 | 0.0007 | 0.5111 | 0.0085 | 0.0552 | 0.0008 | 419 | 4 | 419 | 7 | 419 | 33 | 419 | 4 |
| sam.22 | 0.1769 | 0.0083 | 0.0914 | 0.0011 | 0.7440 | 0.0131 | 0.0590 | 0.0008 | 564 | 7 | 565 | 10 | 568 | 31 | 564 | 7 |
| sam.23 | 0.7951 | 0.0042 | 0.0703 | 0.0008 | 0.5375 | 0.0088 | 0.0555 | 0.0008 | 438 | 5 | 437 | 7 | 431 | 33 | 438 | 5 |
| sam.24 | 0.4350 | 0.0020 | 0.0638 | 0.0007 | 0.4811 | 0.0114 | 0.0547 | 0.0012 | 399 | 4 | 399 | 9 | 399 | 51 | 399 | 4 |
| sam.25 | 0.3459 | 0.0010 | 0.0706 | 0.0008 | 0.5489 | 0.0086 | 0.0564 | 0.0008 | 440 | 5 | 444 | 7 | 467 | 31 | 440 | 5 |
| sam.26 | 0.7172 | 0.0076 | 0.0381 | 0.0004 | 0.2682 | 0.0053 | 0.0510 | 0.0010 | 241 | 3 | 241 | 5 | 241 | 43 | 241 | 3 |
| sam.27 | 0.0360 | 0.0002 | 0.1055 | 0.0011 | 1.2583 | 0.0197 | 0.0865 | 0.0012 | 647 | 7 | 827 | 13 | 1350 | 27 | 647 | 7 |
| sam.28 | 0.8961 | 0.0037 | 0.0741 | 0.0008 | 0.5846 | 0.0113 | 0.0573 | 0.0010 | 461 | 5 | 467 | 9 | 501 | 39 | 461 | 5 |
| sam.29 | 0.4353 | 0.0009 | 0.0651 | 0.0007 | 0.5058 | 0.0084 | 0.0563 | 0.0008 | 407 | 4 | 416 | 7 | 465 | 32 | 407 | 4 |
| sam.30 | 0.6694 | 0.0059 | 0.0604 | 0.0006 | 0.4549 | 0.0082 | 0.0546 | 0.0009 | 378 | 4 | 381 | 7 | 398 | 37 | 378 | 4 |
| sam.31 | 0.4731 | 0.0014 | 0.1179 | 0.0013 | 1.0321 | 0.0172 | 0.0635 | 0.0009 | 718 | 8 | 720 | 12 | 725 | 30 | 718 | 8 |
| sam.32 | 0.5290 | 0.0032 | 0.0619 | 0.0008 | 0.7918 | 0.0477 | 0.0928 | 0.0038 | 387 | 5 | 592 | 36 | 1484 | 77 | 387 | 5 |
| sam.33 | 0.3124 | 0.0016 | 0.0348 | 0.0005 | 0.2416 | 0.0300 | 0.0504 | 0.0065 | 220 | 3 | 220 | 27 | 214 | 297 | 220 | 3 |
| sam.34 | 0.8090 | 0.0076 | 0.0539 | 0.0008 | 0.5659 | 0.0090 | 0.0761 | 0.0013 | 339 | 5 | 455 | 7 | 1098 | 34 | 339 | 5 |
| sam.35 | 0.0460 | 0.0003 | 0.0614 | 0.0006 | 0.4732 | 0.0081 | 0.0559 | 0.0009 | 384 | 4 | 393 | 7 | 449 | 34 | 384 | 4 |
| sam.36 | 0.4291 | 0.0049 | 0.1388 | 0.0016 | 1.3012 | 0.0227 | 0.0680 | 0.0010 | 838 | 9 | 846 | 15 | 869 | 32 | 838 | 9 |
| sam.37 | 0.7007 | 0.0029 | 0.0653 | 0.0007 | 0.4998 | 0.0081 | 0.0555 | 0.0008 | 408 | 4 | 412 | 7 | 432 | 32 | 408 | 4 |
| sam.38 | 1.8977 | 0.0471 | 0.0596 | 0.0007 | 0.4473 | 0.0072 | 0.0544 | 0.0008 | 373 | 4 | 375 | 6 | 388 | 32 | 373 | 4 |
| sam.39 | 0.7325 | 0.0047 | 0.0731 | 0.0008 | 2.0097 | 0.0384 | 0.1995 | 0.0035 | 455 | 5 | 1119 | 21 | 2822 | 29 | / | / |
| Cambrian Tanjianshan Group sample WC070514-3 | | | | | | | | | | | | | | | | |
| sam.01 | 0.1763 | 0.0010 | 0.19043 | 0.00275 | 2.21110 | 0.04106 | 0.08421 | 0.00148 | 1124 | 16 | 1185 | 22 | 1297 | 34 | 1297 | 34 |
| sam.02 | 1.0340 | 0.0103 | 0.16852 | 0.00238 | 1.66921 | 0.03235 | 0.07184 | 0.00119 | 1004 | 14 | 997 | 19 | 981 | 34 | 981 | 34 |
| sam.03 | 0.9297 | 0.0046 | 0.46336 | 0.00656 | 10.56664 | 0.19840 | 0.16539 | 0.00264 | 2454 | 35 | 2486 | 47 | 2512 | 27 | 2512 | 27 |
| sam.04 | 3.7330 | 0.0314 | 0.08917 | 0.00125 | 0.72367 | 0.01360 | 0.05886 | 0.00096 | 551 | 8 | 553 | 10 | 562 | 36 | 551 | 8 |
| sam.05 | 0.6518 | 0.0055 | 0.13377 | 0.00195 | 1.22620 | 0.02374 | 0.06648 | 0.00109 | 809 | 12 | 813 | 16 | 822 | 34 | 809 | 12 |
| sam.06 | 0.6074 | 0.0112 | 0.20174 | 0.00288 | 2.23871 | 0.04381 | 0.08048 | 0.00132 | 1185 | 17 | 1193 | 23 | 1209 | 32 | 1209 | 32 |
| sam.07 | 0.5364 | 0.0062 | 0.18476 | 0.00260 | 1.99182 | 0.03789 | 0.07819 | 0.00126 | 1093 | 15 | 1113 | 21 | 1152 | 32 | 1152 | 32 |
| sam.08 | 0.6341 | 0.0057 | 0.31923 | 0.00451 | 4.78246 | 0.09079 | 0.10865 | 0.00174 | 1786 | 25 | 1782 | 34 | 1777 | 29 | 1777 | 29 |
| sam.09 | 0.5413 | 0.0033 | 0.16096 | 0.00233 | 1.57877 | 0.03025 | 0.07114 | 0.00117 | 962 | 14 | 962 | 18 | 961 | 33 | 962 | 14 |
| sam.10 | 0.7194 | 0.0032 | 0.29189 | 0.00428 | 4.07232 | 0.07860 | 0.10119 | 0.00163 | 1651 | 24 | 1649 | 32 | 1646 | 30 | 1646 | 30 |
| sam.11 | 0.6940 | 0.0056 | 0.18294 | 0.00264 | 1.96290 | 0.04112 | 0.07782 | 0.00141 | 1083 | 16 | 1103 | 23 | 1142 | 36 | 1142 | 36 |
| sam.12 | 0.7210 | 0.0020 | 0.13105 | 0.00184 | 1.18743 | 0.02229 | 0.06572 | 0.00106 | 794 | 11 | 795 | 15 | 797 | 34 | 794 | 11 |
| sam.13 | 0.8826 | 0.0126 | 0.20534 | 0.00289 | 2.32713 | 0.04475 | 0.08220 | 0.00138 | 1204 | 17 | 1221 | 23 | 1250 | 33 | 1250 | 33 |
| sam.14 | 0.8445 | 0.0077 | 0.16327 | 0.00239 | 1.61118 | 0.03106 | 0.07157 | 0.00115 | 975 | 14 | 975 | 19 | 974 | 33 | 975 | 14 |
| sam.15 | 1.7376 | 0.0185 | 0.13681 | 0.00216 | 1.57747 | 0.03086 | 0.08363 | 0.00161 | 827 | 13 | 961 | 19 | 1284 | 38 | 827 | 13 |
| sam.16 | 0.6908 | 0.0106 | 0.20217 | 0.00292 | 2.20754 | 0.04204 | 0.07919 | 0.00127 | 1187 | 17 | 1183 | 23 | 1177 | 32 | 1177 | 32 |
| sam.19 | 0.9018 | 0.0077 | 0.16525 | 0.00238 | 1.62408 | 0.03074 | 0.07128 | 0.00114 | 986 | 14 | 980 | 19 | 965 | 33 | 986 | 14 |
| sam.20 | 0.4981 | 0.0023 | 0.16406 | 0.00234 | 1.60905 | 0.03026 | 0.07113 | 0.00114 | 979 | 14 | 974 | 18 | 961 | 33 | 979 | 14 |
| sam.21 | 1.0531 | 0.0241 | 0.17136 | 0.00245 | 1.73042 | 0.03326 | 0.07324 | 0.00119 | 1020 | 15 | 1020 | 20 | 1021 | 33 | 1021 | 33 |
| sam.22 | 0.6982 | 0.0097 | 0.16216 | 0.00230 | 1.58725 | 0.02984 | 0.07099 | 0.00113 | 969 | 14 | 965 | 18 | 957 | 33 | 969 | 14 |
| sam.23 | 0.5834 | 0.0030 | 0.27758 | 0.00393 | 3.75000 | 0.07315 | 0.09798 | 0.00161 | 1579 | 22 | 1582 | 31 | 1586 | 31 | 1586 | 31 |
| sam.24 | 0.9664 | 0.0051 | 0.08667 | 0.00120 | 0.70595 | 0.01318 | 0.05908 | 0.00095 | 536 | 7 | 542 | 10 | 570 | 35 | 536 | 7 |
| sam.25 | 0.4416 | 0.0024 | 0.51907 | 0.00738 | 13.17014 | 0.24756 | 0.18402 | 0.00293 | 2695 | 38 | 2692 | 51 | 2689 | 26 | 2689 | 26 |
| sam.26 | 0.9567 | 0.0018 | 0.18583 | 0.00255 | 1.97150 | 0.03847 | 0.07694 | 0.00132 | 1099 | 15 | 1106 | 22 | 1120 | 34 | 1120 | 34 |
| sam.25 | 1.5858 | 0.0146 | 0.09380 | 0.00132 | 1.47743 | 0.03054 | 0.11424 | 0.00206 | 578 | 8 | 921 | 19 | 1868 | 33 |  |  |
| sam.26 | 0.9151 | 0.0072 | 0.12240 | 0.00181 | 1.08516 | 0.02222 | 0.06430 | 0.00110 | 744 | 11 | 746 | 15 | 751 | 36 | 744 | 11 |
| sam.27 | 0.1751 | 0.0009 | 0.16851 | 0.00230 | 1.72987 | 0.03178 | 0.07446 | 0.00118 | 1004 | 14 | 1020 | 19 | 1054 | 32 | 1054 | 32 |
| sam.28 | 0.6847 | 0.0043 | 0.36483 | 0.00510 | 8.07737 | 0.15110 | 0.16057 | 0.00256 | 2005 | 28 | 2240 | 42 | 2462 | 27 | 2462 | 27 |
| sam.29 | 0.3131 | 0.0050 | 0.11307 | 0.00157 | 0.96750 | 0.01802 | 0.06206 | 0.00100 | 691 | 10 | 687 | 13 | 676 | 34 | 691 | 10 |
| sam.30 | 0.4536 | 0.0010 | 0.29459 | 0.00412 | 4.13728 | 0.07747 | 0.10186 | 0.00162 | 1664 | 23 | 1662 | 31 | 1658 | 29 | 1658 | 29 |
| sam.31 | 1.5934 | 0.0185 | 0.09329 | 0.00130 | 1.11382 | 0.02961 | 0.08660 | 0.00192 | 575 | 8 | 760 | 20 | 1352 | 43 | 1352 | 43 |
| sam.32 | 0.7759 | 0.0163 | 0.30565 | 0.00423 | 4.44211 | 0.08247 | 0.10541 | 0.00168 | 1719 | 24 | 1720 | 32 | 1721 | 29 | 1721 | 29 |
| sam.33 | 0.6562 | 0.0048 | 0.18737 | 0.00264 | 1.97651 | 0.03712 | 0.07651 | 0.00124 | 1107 | 16 | 1108 | 21 | 1108 | 32 | 1108 | 32 |
| sam.34 | 0.5910 | 0.0037 | 0.31273 | 0.00427 | 4.63656 | 0.08488 | 0.10753 | 0.00171 | 1754 | 24 | 1756 | 32 | 1758 | 29 | 1758 | 29 |
| sam.35 | 0.9049 | 0.0047 | 0.16122 | 0.00238 | 1.56641 | 0.03097 | 0.07047 | 0.00117 | 964 | 14 | 957 | 19 | 942 | 34 | 964 | 14 |
| sam.36 | 0.9731 | 0.0030 | 0.24452 | 0.00342 | 2.99963 | 0.05659 | 0.08897 | 0.00144 | 1410 | 20 | 1408 | 27 | 1404 | 31 | 1404 | 31 |
| sam.37 | 0.4347 | 0.0068 | 0.10342 | 0.00144 | 0.87248 | 0.01644 | 0.06119 | 0.00100 | 634 | 9 | 637 | 12 | 646 | 35 | 634 | 9 |
| sam.38 | 1.1689 | 0.0244 | 0.18771 | 0.00261 | 1.96185 | 0.03757 | 0.07580 | 0.00127 | 1109 | 15 | 1103 | 21 | 1090 | 34 | 1090 | 34 |
| sam.39 | 0.3920 | 0.0035 | 0.16061 | 0.00230 | 1.56825 | 0.02990 | 0.07082 | 0.00114 | 960 | 14 | 958 | 18 | 952 | 33 | 960 | 14 |
| sam.40 | 0.5621 | 0.0016 | 0.19174 | 0.00270 | 2.04365 | 0.03858 | 0.07730 | 0.00124 | 1131 | 16 | 1130 | 21 | 1129 | 32 | 1129 | 32 |
| sam.41 | 0.4245 | 0.0042 | 0.13247 | 0.00189 | 1.20417 | 0.02334 | 0.06593 | 0.00109 | 802 | 11 | 803 | 16 | 804 | 35 | 802 | 11 |
| sam.42 | 0.5623 | 0.0014 | 0.18528 | 0.00271 | 1.95431 | 0.03793 | 0.07650 | 0.00123 | 1096 | 16 | 1100 | 21 | 1108 | 32 | 1108 | 32 |
| sam.43 | 0.6851 | 0.0050 | 0.17650 | 0.00255 | 1.80967 | 0.03520 | 0.07436 | 0.00124 | 1048 | 15 | 1049 | 20 | 1051 | 34 | 1051 | 34 |
| sam.44 | 0.1583 | 0.0013 | 0.18319 | 0.00271 | 1.90460 | 0.03643 | 0.07540 | 0.00120 | 1084 | 16 | 1083 | 21 | 1079 | 32 | 1079 | 32 |
| sam.45 | 0.5198 | 0.0073 | 0.52031 | 0.00731 | 13.25848 | 0.24686 | 0.18481 | 0.00293 | 2700 | 38 | 2698 | 50 | 2697 | 26 | 2697 | 26 |
| sam.46 | 0.2985 | 0.0016 | 0.16574 | 0.00239 | 1.63123 | 0.03102 | 0.07138 | 0.00114 | 989 | 14 | 982 | 19 | 968 | 33 | 989 | 14 |
| sam.47 | 0.8982 | 0.0041 | 0.17911 | 0.00268 | 1.84777 | 0.03592 | 0.07482 | 0.00120 | 1062 | 16 | 1063 | 21 | 1064 | 32 | 1064 | 32 |
| sam.48 | 1.1151 | 0.0060 | 0.16533 | 0.00233 | 1.64047 | 0.03186 | 0.07196 | 0.00121 | 986 | 14 | 986 | 19 | 985 | 34 | 986 | 14 |
| sam.49 | 1.7354 | 0.0175 | 0.15908 | 0.00227 | 1.55780 | 0.03008 | 0.07102 | 0.00116 | 952 | 14 | 954 | 18 | 958 | 33 | 952 | 14 |
| sam.50 | 1.9602 | 0.0144 | 0.08513 | 0.00122 | 0.68046 | 0.01410 | 0.05797 | 0.00105 | 527 | 8 | 527 | 11 | 529 | 40 | 527 | 8 |
| sam.51 | 0.9973 | 0.0035 | 0.19343 | 0.00276 | 2.07499 | 0.03927 | 0.07780 | 0.00125 | 1140 | 16 | 1141 | 22 | 1142 | 32 | 1142 | 32 |
| sam.52 | 1.1516 | 0.0161 | 0.11786 | 0.00162 | 1.01935 | 0.01938 | 0.06273 | 0.00104 | 718 | 10 | 714 | 14 | 699 | 35 | 718 | 10 |
| sam.53 | 0.7392 | 0.0150 | 0.13862 | 0.00187 | 1.29362 | 0.02463 | 0.06769 | 0.00114 | 837 | 11 | 843 | 16 | 859 | 35 | 837 | 11 |
| sam.54 | 1.2468 | 0.0098 | 0.28984 | 0.00404 | 4.03349 | 0.07537 | 0.10093 | 0.00163 | 1641 | 23 | 1641 | 31 | 1641 | 30 | 1641 | 30 |
| sam.55 | 0.9268 | 0.0049 | 0.21463 | 0.00290 | 2.29766 | 0.04218 | 0.07764 | 0.00124 | 1253 | 17 | 1212 | 22 | 1138 | 32 | 1138 | 32 |
| sam.56 | 0.0173 | 0.0001 | 0.10002 | 0.00145 | 0.83490 | 0.01630 | 0.06054 | 0.00099 | 615 | 9 | 616 | 12 | 623 | 35 | 615 | 9 |
| sam.57 | 0.8300 | 0.0081 | 0.15816 | 0.00218 | 1.68465 | 0.03088 | 0.07725 | 0.00124 | 947 | 13 | 1003 | 18 | 1128 | 32 | 1128 | 32 |
| sam.58 | 0.8046 | 0.0032 | 0.19109 | 0.00274 | 2.05739 | 0.03949 | 0.07809 | 0.00128 | 1127 | 16 | 1135 | 22 | 1149 | 33 | 1149 | 33 |
| sam.59 | 0.3922 | 0.0024 | 0.27304 | 0.00380 | 3.70480 | 0.06916 | 0.09841 | 0.00156 | 1556 | 22 | 1572 | 29 | 1594 | 30 | 1594 | 30 |
| sam.60 | 0.4004 | 0.0063 | 0.16218 | 0.00241 | 1.58698 | 0.03109 | 0.07097 | 0.00115 | 969 | 14 | 965 | 19 | 957 | 33 | 969 | 14 |
| sam.61 | 0.0269 | 0.0001 | 0.27793 | 0.00391 | 3.78833 | 0.07072 | 0.09886 | 0.00157 | 1581 | 22 | 1590 | 30 | 1603 | 30 | 1603 | 30 |
| sam.62 | 0.4644 | 0.0135 | 0.18608 | 0.00271 | 1.96060 | 0.03753 | 0.07642 | 0.00123 | 1100 | 16 | 1102 | 21 | 1106 | 32 | 1106 | 32 |
| sam.63 | 0.7064 | 0.0150 | 0.16786 | 0.00238 | 1.68273 | 0.03191 | 0.07270 | 0.00117 | 1000 | 14 | 1002 | 19 | 1006 | 33 | 1006 | 33 |
| sam.64 | 1.0321 | 0.0086 | 0.46990 | 0.00701 | 10.55694 | 0.20424 | 0.16294 | 0.00260 | 2483 | 37 | 2485 | 48 | 2486 | 27 | 2486 | 27 |
| sam.65 | 0.4608 | 0.0042 | 0.24454 | 0.00342 | 3.15804 | 0.05920 | 0.09366 | 0.00152 | 1410 | 20 | 1447 | 27 | 1501 | 31 | 1501 | 31 |
| sam.66 | 0.8416 | 0.0053 | 0.18641 | 0.00259 | 2.23204 | 0.04194 | 0.08684 | 0.00140 | 1102 | 15 | 1191 | 22 | 1357 | 31 | 1357 | 31 |
| sam.67 | 0.9819 | 0.0084 | 0.24682 | 0.00334 | 3.49331 | 0.06411 | 0.10265 | 0.00164 | 1422 | 19 | 1526 | 28 | 1673 | 29 | 1673 | 29 |
| sam.68 | 0.1495 | 0.0022 | 0.18422 | 0.00259 | 1.93638 | 0.03635 | 0.07624 | 0.00122 | 1090 | 15 | 1094 | 21 | 1101 | 32 | 1101 | 32 |
| sam.69 | 0.8945 | 0.0025 | 0.08860 | 0.00122 | 0.71051 | 0.01374 | 0.05816 | 0.00099 | 547 | 8 | 545 | 11 | 536 | 37 | 547 | 8 |
| sam.70 | 0.5602 | 0.0036 | 0.20048 | 0.00290 | 2.18901 | 0.04197 | 0.07919 | 0.00128 | 1178 | 17 | 1178 | 23 | 1177 | 32 | 1177 | 32 |
| sam.71 | 0.6232 | 0.0025 | 0.08666 | 0.00122 | 0.74606 | 0.01459 | 0.06244 | 0.00108 | 536 | 8 | 566 | 11 | 689 | 37 | 536 | 8 |
| sam.72 | 1.7220 | 0.0402 | 0.08666 | 0.00124 | 0.69997 | 0.01660 | 0.05858 | 0.00125 | 536 | 8 | 539 | 13 | 552 | 47 | 536 | 8 |
| sam.73 | 0.0256 | 0.0002 | 0.09450 | 0.00134 | 0.77849 | 0.01527 | 0.05975 | 0.00101 | 582 | 8 | 585 | 11 | 594 | 37 | 582 | 8 |
| sam.74 | 0.1245 | 0.0010 | 0.08713 | 0.00126 | 0.70225 | 0.01369 | 0.05846 | 0.00097 | 539 | 8 | 540 | 11 | 547 | 36 | 539 | 8 |
| sam.75 | 0.5000 | 0.0021 | 0.17078 | 0.00234 | 1.73316 | 0.03237 | 0.07360 | 0.00120 | 1016 | 14 | 1021 | 19 | 1031 | 33 | 1031 | 33 |
| sam.76 | 1.4979 | 0.0057 | 0.13016 | 0.00191 | 1.16582 | 0.02552 | 0.06496 | 0.00128 | 789 | 12 | 785 | 17 | 773 | 41 | 789 | 12 |
| sam.77 | 0.5850 | 0.0056 | 0.52144 | 0.00751 | 13.31089 | 0.25118 | 0.18514 | 0.00295 | 2705 | 39 | 2702 | 51 | 2699 | 26 | 2699 | 26 |
| sam.78 | 2.7452 | 0.0174 | 0.22336 | 0.00311 | 2.59522 | 0.04810 | 0.08427 | 0.00136 | 1300 | 18 | 1299 | 24 | 1299 | 31 | 1299 | 31 |
| sam.79 | 0.9574 | 0.0059 | 0.16501 | 0.00236 | 1.62064 | 0.03106 | 0.07123 | 0.00116 | 985 | 14 | 978 | 19 | 964 | 33 | 985 | 14 |
| sam.80 | 1.3038 | 0.0067 | 0.20290 | 0.00286 | 2.23571 | 0.04238 | 0.07992 | 0.00129 | 1191 | 17 | 1192 | 23 | 1195 | 32 | 1195 | 32 |
| sam.81 | 0.3169 | 0.0023 | 0.15691 | 0.00230 | 1.51612 | 0.02968 | 0.07008 | 0.00113 | 940 | 14 | 937 | 18 | 931 | 33 | 940 | 14 |
| sam.82 | 0.1424 | 0.0015 | 0.33453 | 0.00472 | 5.22265 | 0.09767 | 0.11323 | 0.00180 | 1860 | 26 | 1856 | 35 | 1852 | 29 | 1852 | 29 |
| sam.83 | 1.0356 | 0.0075 | 0.28010 | 0.00391 | 3.87882 | 0.07215 | 0.10043 | 0.00160 | 1592 | 22 | 1609 | 30 | 1632 | 30 | 1632 | 30 |
| sam.84 | 0.0628 | 0.0003 | 0.16843 | 0.00232 | 1.69988 | 0.03454 | 0.07320 | 0.00132 | 1003 | 14 | 1008 | 20 | 1019 | 36 | 1019 | 36 |
| sam.85 | 0.6629 | 0.0035 | 0.18123 | 0.00261 | 1.87760 | 0.03589 | 0.07514 | 0.00123 | 1074 | 15 | 1073 | 21 | 1072 | 33 | 1072 | 33 |
| sam.86 | 0.5961 | 0.0033 | 0.16442 | 0.00231 | 1.64831 | 0.03084 | 0.07271 | 0.00116 | 981 | 14 | 989 | 18 | 1006 | 32 | 1006 | 32 |
| sam.87 | 0.5633 | 0.0084 | 0.17549 | 0.00259 | 1.79000 | 0.03577 | 0.07398 | 0.00120 | 1042 | 15 | 1042 | 21 | 1041 | 33 | 1041 | 33 |
| sam.88 | 0.3316 | 0.0021 | 0.31867 | 0.00476 | 4.80945 | 0.09402 | 0.10946 | 0.00176 | 1783 | 27 | 1787 | 35 | 1790 | 29 | 1790 | 29 |
| sam.89 | 0.1811 | 0.0014 | 0.16869 | 0.00239 | 1.69300 | 0.03192 | 0.07279 | 0.00117 | 1005 | 14 | 1006 | 19 | 1008 | 33 | 1008 | 33 |
| sam.90 | 0.7820 | 0.0087 | 0.16507 | 0.00229 | 1.67470 | 0.03106 | 0.07358 | 0.00118 | 985 | 14 | 999 | 19 | 1030 | 32 | 1030 | 32 |
| sam.91 | 0.5891 | 0.0030 | 0.18860 | 0.00264 | 2.02373 | 0.03780 | 0.07782 | 0.00124 | 1114 | 16 | 1124 | 21 | 1142 | 32 | 1142 | 32 |
| sam.92 | 0.2344 | 0.0025 | 0.13679 | 0.00196 | 1.26553 | 0.02452 | 0.06710 | 0.00111 | 826 | 12 | 830 | 16 | 841 | 34 | 826 | 12 |
| sam.93 | 0.7031 | 0.0135 | 0.19332 | 0.00277 | 2.06499 | 0.03968 | 0.07747 | 0.00125 | 1139 | 16 | 1137 | 22 | 1133 | 32 | 1133 | 32 |
| sam.94 | 1.4004 | 0.0056 | 0.20801 | 0.00301 | 2.88923 | 0.06098 | 0.10074 | 0.00173 | 1218 | 18 | 1379 | 29 | 1638 | 32 | 1638 | 32 |
| sam.95 | 0.8241 | 0.0139 | 0.30745 | 0.00418 | 4.66991 | 0.08656 | 0.11016 | 0.00177 | 1728 | 23 | 1762 | 33 | 1802 | 29 | 1802 | 29 |
| sam.96 | 0.5254 | 0.0032 | 0.52094 | 0.00745 | 13.57841 | 0.25417 | 0.18904 | 0.00300 | 2703 | 39 | 2721 | 51 | 2734 | 26 | 2734 | 26 |
| sam.97 | 0.5605 | 0.0021 | 0.15477 | 0.00221 | 1.49581 | 0.03107 | 0.07010 | 0.00128 | 928 | 13 | 929 | 19 | 931 | 37 | 928 | 13 |
| sam.98 | 0.4956 | 0.0027 | 0.16456 | 0.00230 | 1.61457 | 0.03065 | 0.07116 | 0.00116 | 982 | 14 | 976 | 19 | 962 | 33 | 982 | 14 |
| sam.99 | 0.9747 | 0.0027 | 0.27343 | 0.00391 | 3.66271 | 0.06956 | 0.09715 | 0.00156 | 1558 | 22 | 1563 | 30 | 1570 | 30 | 1570 | 30 |
| sam.100 | 0.8977 | 0.0027 | 0.64821 | 0.00892 | 26.16141 | 0.48243 | 0.29271 | 0.00467 | 3221 | 44 | 3353 | 62 | 3432 | 25 | 3432 | 25 |
| Ordovician Naijtal Group sample WC070514-13 | | | | | | | | | | | | | | | | |
| sam.01 | 0.7579 | 0.0041 | 0.22172 | 0.00232 | 2.71854 | 0.03791 | 0.08893 | 0.00107 | 1291 | 13 | 1334 | 19 | 1403 | 23 | 1403 | 23 |
| sam.02 | 0.5210 | 0.0045 | 0.19962 | 0.00217 | 2.48747 | 0.03564 | 0.09038 | 0.00107 | 1173 | 13 | 1268 | 18 | 1434 | 23 | 1434 | 23 |
| sam.03 | 0.3247 | 0.0058 | 0.22020 | 0.00225 | 2.99129 | 0.04175 | 0.09852 | 0.00115 | 1283 | 13 | 1405 | 20 | 1596 | 22 | 1596 | 22 |
| sam.04 | 0.1800 | 0.0013 | 0.14627 | 0.00382 | 1.60593 | 0.05129 | 0.07963 | 0.00198 | 880 | 23 | 973 | 31 | 1188 | 49 | 1188 | 49 |
| sam.05 | 0.4249 | 0.0255 | 0.17887 | 0.00195 | 1.95050 | 0.02785 | 0.07909 | 0.00094 | 1061 | 12 | 1099 | 16 | 1174 | 24 | 1174 | 24 |
| sam.06 | 0.7738 | 0.0049 | 0.27033 | 0.00277 | 3.56732 | 0.04888 | 0.09571 | 0.00110 | 1542 | 16 | 1542 | 21 | 1542 | 22 | 1542 | 22 |
| sam.07 | 0.3722 | 0.0021 | 0.15096 | 0.00150 | 1.60690 | 0.02302 | 0.07720 | 0.00095 | 906 | 9 | 973 | 14 | 1126 | 25 | 1126 | 25 |
| sam.08 | 0.1988 | 0.0025 | 0.17580 | 0.00237 | 1.93858 | 0.03330 | 0.07998 | 0.00101 | 1044 | 14 | 1095 | 19 | 1196 | 25 | 1196 | 25 |
| sam.09 | 0.3906 | 0.0053 | 0.19029 | 0.00199 | 2.45856 | 0.03468 | 0.09370 | 0.00109 | 1123 | 12 | 1260 | 18 | 1502 | 22 | 1502 | 22 |
| sam.10 | 0.5872 | 0.0056 | 0.15447 | 0.00238 | 1.88848 | 0.03628 | 0.08867 | 0.00112 | 926 | 14 | 1077 | 21 | 1397 | 24 | 1397 | 24 |
| sam.11 | 0.5548 | 0.0107 | 0.20146 | 0.00196 | 2.56948 | 0.03404 | 0.09250 | 0.00106 | 1183 | 11 | 1292 | 17 | 1478 | 22 | 1478 | 22 |
| sam.12 | 0.4126 | 0.0043 | 0.27992 | 0.00305 | 4.55319 | 0.06353 | 0.11797 | 0.00135 | 1591 | 17 | 1741 | 24 | 1926 | 21 | 1926 | 21 |
| sam.13 | 0.5020 | 0.0023 | 0.18400 | 0.00209 | 1.99571 | 0.03138 | 0.07867 | 0.00095 | 1089 | 12 | 1114 | 18 | 1164 | 24 | 1164 | 24 |
| sam.14 | 0.3414 | 0.0090 | 0.17663 | 0.00249 | 2.12619 | 0.03974 | 0.08730 | 0.00105 | 1049 | 15 | 1157 | 22 | 1367 | 23 | 1367 | 23 |
| sam.15 | 0.3810 | 0.0047 | 0.22535 | 0.00290 | 2.84070 | 0.04687 | 0.09142 | 0.00108 | 1310 | 17 | 1366 | 23 | 1455 | 22 | 1455 | 22 |
| sam.16 | 0.5391 | 0.0073 | 0.14176 | 0.00149 | 1.89552 | 0.02631 | 0.09698 | 0.00114 | 855 | 9 | 1080 | 15 | 1567 | 22 | 1567 | 22 |
| sam.19 | 0.5207 | 0.0043 | 0.15753 | 0.00155 | 1.93768 | 0.02578 | 0.08921 | 0.00104 | 943 | 9 | 1094 | 15 | 1409 | 22 | 1409 | 22 |
| sam.20 | 0.8832 | 0.0064 | 0.10721 | 0.00147 | 1.26895 | 0.02138 | 0.08585 | 0.00102 | 657 | 9 | 832 | 14 | 1335 | 23 | 1335 | 23 |
| sam.21 | 1.7097 | 0.0241 | 0.23890 | 0.00244 | 3.12821 | 0.04255 | 0.09497 | 0.00109 | 1381 | 14 | 1440 | 20 | 1527 | 22 | 1527 | 22 |
| sam.22 | 0.5645 | 0.0052 | 0.19413 | 0.00192 | 2.27999 | 0.03183 | 0.08518 | 0.00103 | 1144 | 11 | 1206 | 17 | 1320 | 23 | 1320 | 23 |
| sam.23 | 0.6398 | 0.0056 | 0.17956 | 0.00180 | 2.16744 | 0.03045 | 0.08754 | 0.00105 | 1065 | 11 | 1171 | 16 | 1372 | 23 | 1372 | 23 |
| sam.24 | 0.2767 | 0.0030 | 0.20468 | 0.00228 | 2.83118 | 0.04250 | 0.10032 | 0.00117 | 1200 | 13 | 1364 | 20 | 1630 | 22 | 1630 | 22 |
| sam.25 | 0.1342 | 0.0011 | 0.38943 | 0.00387 | 8.84095 | 0.11768 | 0.16465 | 0.00189 | 2120 | 21 | 2322 | 31 | 2504 | 19 | 2504 | 19 |
| sam.26 | 0.3277 | 0.0074 | 0.26483 | 0.00672 | 7.49499 | 0.23824 | 0.20526 | 0.00265 | 1515 | 38 | 2172 | 69 | 2868 | 21 | 2868 | 21 |
| sam.25 | 0.3844 | 0.0024 | 0.23140 | 0.00242 | 3.08272 | 0.04291 | 0.09662 | 0.00112 | 1342 | 14 | 1428 | 20 | 1560 | 22 | 1560 | 22 |
| sam.26 | 0.5354 | 0.0059 | 0.11591 | 0.00124 | 1.41134 | 0.02281 | 0.08831 | 0.00117 | 707 | 8 | 894 | 14 | 1389 | 25 | 707 | 8 |
| sam.27 | 0.7716 | 0.0050 | 0.20839 | 0.00306 | 2.57349 | 0.04563 | 0.08957 | 0.00114 | 1220 | 18 | 1293 | 23 | 1416 | 24 | 1416 | 24 |
| sam.28 | 0.4570 | 0.0055 | 0.17293 | 0.00491 | 2.47932 | 0.07915 | 0.10399 | 0.00126 | 1028 | 29 | 1266 | 40 | 1696 | 22 | 1696 | 22 |
| sam.29 | 0.9263 | 0.0215 | 0.16919 | 0.00217 | 2.02235 | 0.03431 | 0.08669 | 0.00109 | 1008 | 13 | 1123 | 19 | 1354 | 24 | 1354 | 24 |
| sam.30 | 0.5855 | 0.0040 | 0.18460 | 0.00191 | 2.02409 | 0.02841 | 0.07952 | 0.00093 | 1092 | 11 | 1124 | 16 | 1185 | 23 | 1185 | 23 |
| sam.31 | 0.2462 | 0.0011 | 0.13274 | 0.00148 | 1.42554 | 0.02042 | 0.07789 | 0.00090 | 803 | 9 | 900 | 13 | 1144 | 23 | 803 | 9 |
| sam.32 | 1.1173 | 0.0256 | 0.17054 | 0.00226 | 1.87481 | 0.03306 | 0.07973 | 0.00114 | 1015 | 13 | 1072 | 19 | 1190 | 28 | 1190 | 28 |
| sam.33 | 0.8544 | 0.0049 | 0.21484 | 0.00242 | 2.77418 | 0.03993 | 0.09365 | 0.00108 | 1255 | 14 | 1349 | 19 | 1501 | 22 | 1501 | 22 |
| sam.34 | 0.9702 | 0.0075 | 0.18206 | 0.00259 | 1.94662 | 0.04536 | 0.07755 | 0.00129 | 1078 | 15 | 1097 | 26 | 1135 | 33 | 1135 | 33 |
| sam.35 | 0.6475 | 0.0237 | 0.19181 | 0.00232 | 2.37906 | 0.04329 | 0.08996 | 0.00120 | 1131 | 14 | 1236 | 22 | 1425 | 25 | 1425 | 25 |
| sam.36 | 0.6073 | 0.0083 | 0.25676 | 0.00278 | 3.52588 | 0.04849 | 0.09960 | 0.00114 | 1473 | 16 | 1533 | 21 | 1617 | 21 | 1617 | 21 |
| sam.37 | 0.8296 | 0.0105 | 0.12774 | 0.00157 | 1.82293 | 0.02982 | 0.10350 | 0.00126 | 775 | 10 | 1054 | 17 | 1688 | 23 | 1688 | 23 |
| sam.38 | 0.1552 | 0.0011 | 0.24298 | 0.00249 | 3.28474 | 0.04500 | 0.09805 | 0.00112 | 1402 | 14 | 1477 | 20 | 1587 | 21 | 1587 | 21 |
| sam.39 | 0.4226 | 0.0030 | 0.14285 | 0.00172 | 1.66919 | 0.02496 | 0.08475 | 0.00099 | 861 | 10 | 997 | 15 | 1310 | 23 | 861 | 10 |
| sam.40 | 0.6733 | 0.0083 | 0.31253 | 0.00327 | 6.95719 | 0.09829 | 0.16145 | 0.00188 | 1753 | 18 | 2106 | 30 | 2471 | 20 | 2471 | 20 |
| sam.41 | 0.3795 | 0.0024 | 0.16978 | 0.00219 | 1.92539 | 0.03079 | 0.08225 | 0.00103 | 1011 | 13 | 1090 | 17 | 1251 | 24 | 1251 | 24 |
| sam.42 | 0.4153 | 0.0029 | 0.14488 | 0.00166 | 1.77577 | 0.02632 | 0.08889 | 0.00104 | 872 | 10 | 1037 | 15 | 1402 | 22 | 872 | 10 |
| sam.43 | 0.4517 | 0.0060 | 0.09048 | 0.00318 | 1.07675 | 0.03183 | 0.08631 | 0.00196 | 558 | 20 | 742 | 22 | 1345 | 44 | / | / |
| sam.44 | 0.5078 | 0.0066 | 0.18842 | 0.00198 | 2.26499 | 0.03225 | 0.08718 | 0.00102 | 1113 | 12 | 1201 | 17 | 1365 | 23 | 1365 | 23 |
| sam.45 | 0.6167 | 0.0107 | 0.18201 | 0.00199 | 2.32531 | 0.03136 | 0.09266 | 0.00107 | 1078 | 12 | 1220 | 16 | 1481 | 22 | 1481 | 22 |
| sam.46 | 0.3622 | 0.0075 | 0.19592 | 0.00190 | 2.44958 | 0.03289 | 0.09068 | 0.00106 | 1153 | 11 | 1257 | 17 | 1440 | 22 | 1440 | 22 |
| sam.47 | 0.6833 | 0.0098 | 0.21793 | 0.00232 | 2.83423 | 0.03835 | 0.09432 | 0.00109 | 1271 | 14 | 1365 | 18 | 1515 | 22 | 1515 | 22 |
| sam.48 | 0.5270 | 0.0012 | 0.17593 | 0.00239 | 2.44570 | 0.04005 | 0.10082 | 0.00118 | 1045 | 14 | 1256 | 21 | 1639 | 22 | 1639 | 22 |
| sam.49 | 0.3845 | 0.0026 | 0.15024 | 0.00216 | 2.08774 | 0.03841 | 0.10079 | 0.00119 | 902 | 13 | 1145 | 21 | 1639 | 22 | 1639 | 22 |
| sam.50 | 0.6214 | 0.0046 | 0.15606 | 0.00162 | 1.61652 | 0.02443 | 0.07513 | 0.00096 | 935 | 10 | 977 | 15 | 1072 | 26 | 1072 | 26 |
| sam.51 | 0.4114 | 0.0056 | 0.20083 | 0.00269 | 2.51622 | 0.04061 | 0.09087 | 0.00105 | 1180 | 16 | 1277 | 21 | 1444 | 22 | 1444 | 22 |
| sam.52 | 0.4601 | 0.0055 | 0.10193 | 0.00152 | 1.17340 | 0.02052 | 0.08349 | 0.00107 | 626 | 9 | 788 | 14 | 1281 | 25 | / | / |
| sam.53 | 0.7608 | 0.0098 | 0.30366 | 0.00360 | 4.70525 | 0.07060 | 0.11238 | 0.00128 | 1709 | 20 | 1768 | 27 | 1838 | 21 | 1838 | 21 |
| sam.54 | 0.4254 | 0.0040 | 0.20651 | 0.00203 | 2.44287 | 0.03232 | 0.08580 | 0.00098 | 1210 | 12 | 1255 | 17 | 1334 | 22 | 1334 | 22 |
| sam.55 | 0.7123 | 0.0048 | 0.16905 | 0.00182 | 1.86150 | 0.02793 | 0.07986 | 0.00102 | 1007 | 11 | 1068 | 16 | 1194 | 25 | 1194 | 25 |
| sam.56 | 0.6137 | 0.0046 | 0.28103 | 0.00281 | 4.14095 | 0.05585 | 0.10687 | 0.00123 | 1597 | 16 | 1662 | 22 | 1747 | 21 | 1747 | 21 |
| sam.57 | 0.5818 | 0.0037 | 0.25734 | 0.00267 | 3.80960 | 0.05640 | 0.10737 | 0.00129 | 1476 | 15 | 1595 | 24 | 1755 | 22 | 1755 | 22 |
| sam.58 | 0.6052 | 0.0047 | 0.24990 | 0.00248 | 3.24323 | 0.04368 | 0.09413 | 0.00109 | 1438 | 14 | 1468 | 20 | 1511 | 22 | 1511 | 22 |
| sam.59 | 0.9690 | 0.0056 | 0.18082 | 0.00231 | 1.94357 | 0.03193 | 0.07796 | 0.00095 | 1071 | 14 | 1096 | 18 | 1146 | 24 | 1146 | 24 |
| sam.60 | 0.3119 | 0.0111 | 0.14010 | 0.00207 | 1.56148 | 0.02768 | 0.08083 | 0.00094 | 845 | 12 | 955 | 17 | 1217 | 23 | 845 | 12 |
| sam.61 | 0.2369 | 0.0051 | 0.20877 | 0.00202 | 2.88442 | 0.03785 | 0.10020 | 0.00115 | 1222 | 12 | 1378 | 18 | 1628 | 21 | 1628 | 21 |
| sam.62 | 0.1249 | 0.0005 | 0.27305 | 0.00267 | 3.72932 | 0.04948 | 0.09906 | 0.00114 | 1556 | 15 | 1578 | 21 | 1606 | 21 | 1606 | 21 |
| sam.63 | 1.3484 | 0.0197 | 0.21630 | 0.00306 | 2.86674 | 0.05079 | 0.09612 | 0.00118 | 1262 | 18 | 1373 | 24 | 1550 | 23 | 1550 | 23 |
| sam.64 | 0.6091 | 0.0115 | 0.07212 | 0.00077 | 0.56162 | 0.00819 | 0.05648 | 0.00072 | 449 | 5 | 453 | 7 | 471 | 28 | 449 | 5 |
| sam.65 | 0.9192 | 0.0068 | 0.20500 | 0.00242 | 2.69007 | 0.04230 | 0.09517 | 0.00113 | 1202 | 14 | 1326 | 21 | 1531 | 22 | 1531 | 22 |
| sam.66 | 0.6279 | 0.0049 | 0.22851 | 0.00288 | 3.28877 | 0.05182 | 0.10438 | 0.00121 | 1327 | 17 | 1478 | 23 | 1703 | 21 | 1703 | 21 |
| sam.67 | 0.3860 | 0.0040 | 0.17199 | 0.00237 | 2.25842 | 0.04181 | 0.09524 | 0.00125 | 1023 | 14 | 1199 | 22 | 1533 | 25 | 1533 | 25 |
| sam.68 | 0.5377 | 0.0029 | 0.18179 | 0.00183 | 2.17777 | 0.02916 | 0.08688 | 0.00100 | 1077 | 11 | 1174 | 16 | 1358 | 22 | 1358 | 22 |
| sam.69 | 1.8488 | 0.0079 | 0.19037 | 0.00217 | 2.45784 | 0.03639 | 0.09364 | 0.00110 | 1123 | 13 | 1260 | 19 | 1501 | 22 | 1501 | 22 |
| sam.70 | 0.8466 | 0.0121 | 0.20154 | 0.00198 | 2.39545 | 0.03236 | 0.08620 | 0.00102 | 1184 | 12 | 1241 | 17 | 1343 | 23 | 1343 | 23 |
| sam.71 | 0.9017 | 0.0060 | 0.22306 | 0.00252 | 2.83884 | 0.04398 | 0.09230 | 0.00114 | 1298 | 15 | 1366 | 21 | 1474 | 23 | 1474 | 23 |
| sam.72 | 0.4819 | 0.0029 | 0.11366 | 0.00126 | 1.22227 | 0.02014 | 0.07799 | 0.00109 | 694 | 8 | 811 | 13 | 1147 | 28 | 694 | 8 |
| sam.73 | 0.4894 | 0.0028 | 0.16225 | 0.00175 | 1.72642 | 0.02846 | 0.07717 | 0.00112 | 969 | 10 | 1018 | 17 | 1126 | 29 | 1126 | 29 |
| sam.74 | 0.5859 | 0.0031 | 0.24947 | 0.00279 | 4.23647 | 0.07094 | 0.12316 | 0.00163 | 1436 | 16 | 1681 | 28 | 2003 | 23 | 2003 | 23 |
| sam.75 | 1.0828 | 0.0063 | 0.21928 | 0.00219 | 2.75684 | 0.03890 | 0.09118 | 0.00108 | 1278 | 13 | 1344 | 19 | 1450 | 23 | 1450 | 23 |
| sam.76 | 0.6927 | 0.0315 | 0.19027 | 0.00209 | 2.29719 | 0.03249 | 0.08756 | 0.00102 | 1123 | 12 | 1211 | 17 | 1373 | 22 | 1373 | 22 |
| sam.77 | 0.8283 | 0.0051 | 0.23265 | 0.00231 | 3.08681 | 0.04194 | 0.09623 | 0.00112 | 1348 | 13 | 1429 | 19 | 1552 | 22 | 1552 | 22 |
| sam.78 | 0.3581 | 0.0030 | 0.07159 | 0.00073 | 0.56222 | 0.00755 | 0.05696 | 0.00065 | 446 | 5 | 453 | 6 | 490 | 25 | 446 | 5 |
| sam.79 | 0.7759 | 0.0061 | 0.11041 | 0.00136 | 1.16820 | 0.01832 | 0.07674 | 0.00099 | 675 | 8 | 786 | 12 | 1114 | 26 | 675 | 8 |
| sam.80 | 0.5488 | 0.0029 | 0.13294 | 0.00244 | 1.43574 | 0.02904 | 0.07833 | 0.00128 | 805 | 15 | 904 | 18 | 1155 | 32 | 805 | 15 |
| sam.81 | 0.3169 | 0.0020 | 0.16867 | 0.00226 | 2.32935 | 0.04466 | 0.10016 | 0.00129 | 1005 | 13 | 1221 | 23 | 1627 | 24 | 1627 | 24 |
| sam.82 | 1.0235 | 0.0099 | 0.15380 | 0.00171 | 2.06858 | 0.03226 | 0.09755 | 0.00126 | 922 | 10 | 1138 | 18 | 1578 | 24 | 922 | 10 |
| sam.83 | 0.3969 | 0.0022 | 0.22299 | 0.00300 | 3.19153 | 0.06048 | 0.10381 | 0.00179 | 1298 | 17 | 1455 | 28 | 1693 | 32 | 1693 | 32 |
| sam.84 | 0.0628 | 0.0005 | 0.10088 | 0.00365 | 1.75221 | 0.26604 | 0.12598 | 0.04596 | 620 | 22 | 1028 | 156 | 2043 | 645 | / | / |
| sam.85 | 0.4678 | 0.0076 | 0.34738 | 0.01039 | 7.86081 | 0.32863 | 0.16412 | 0.00521 | 1922 | 57 | 2215 | 93 | 2499 | 53 | 2499 | 53 |
| sam.86 | 0.3641 | 0.0305 | 0.18883 | 0.00186 | 2.13582 | 0.02886 | 0.08203 | 0.00096 | 1115 | 11 | 1160 | 16 | 1246 | 23 | 1246 | 23 |
| sam.87 | 0.7537 | 0.0036 | 0.19463 | 0.00230 | 2.53019 | 0.03830 | 0.09428 | 0.00110 | 1146 | 14 | 1281 | 19 | 1514 | 22 | 1514 | 22 |
| sam.88 | 1.1254 | 0.0260 | 0.19674 | 0.00283 | 2.49510 | 0.04586 | 0.09198 | 0.00117 | 1158 | 17 | 1271 | 23 | 1467 | 24 | 1467 | 24 |
| sam.89 | 0.3432 | 0.0034 | 0.11703 | 0.00168 | 1.72867 | 0.03125 | 0.10713 | 0.00142 | 713 | 10 | 1019 | 18 | 1751 | 24 | / | / |
| sam.90 | 0.5643 | 0.0128 | 0.15521 | 0.00163 | 1.84505 | 0.02872 | 0.08622 | 0.00117 | 930 | 10 | 1062 | 17 | 1343 | 26 | 930 | 10 |
| sam.91 | 0.4898 | 0.0017 | 0.16621 | 0.00165 | 2.08120 | 0.02782 | 0.09082 | 0.00105 | 991 | 10 | 1143 | 15 | 1443 | 22 | 991 | 10 |
| sam.92 | 0.1818 | 0.0014 | 0.16275 | 0.00158 | 1.70176 | 0.02271 | 0.07584 | 0.00088 | 972 | 9 | 1009 | 13 | 1091 | 23 | 1091 | 23 |
| sam.93 | 0.3730 | 0.0052 | 0.19950 | 0.00202 | 2.48478 | 0.03333 | 0.09033 | 0.00104 | 1173 | 12 | 1268 | 17 | 1433 | 22 | 1433 | 22 |
| sam.94 | 0.6566 | 0.0040 | 0.15307 | 0.00158 | 1.65565 | 0.03271 | 0.07845 | 0.00143 | 918 | 9 | 992 | 20 | 1158 | 36 | 1158 | 36 |
| sam.95 | 0.8245 | 0.0038 | 0.26307 | 0.00449 | 5.68798 | 0.12316 | 0.15681 | 0.00188 | 1506 | 26 | 1930 | 42 | 2422 | 20 | 2422 | 20 |
| sam.96 | 1.2820 | 0.0293 | 0.21538 | 0.00298 | 3.15953 | 0.05871 | 0.10639 | 0.00128 | 1257 | 17 | 1447 | 27 | 1739 | 22 | 1739 | 22 |
| sam.97 | 0.4921 | 0.0053 | 0.14216 | 0.00210 | 1.59825 | 0.03278 | 0.08154 | 0.00111 | 857 | 13 | 970 | 20 | 1235 | 27 | 857 | 13 |
| sam.98 | 0.0466 | 0.0020 | 0.22177 | 0.00221 | 2.80927 | 0.03746 | 0.09187 | 0.00104 | 1291 | 13 | 1358 | 18 | 1465 | 22 | 1465 | 22 |
| sam.99 | 0.2627 | 0.0057 | 0.18441 | 0.00189 | 2.22521 | 0.03177 | 0.08751 | 0.00106 | 1091 | 11 | 1189 | 17 | 1372 | 23 | 1372 | 23 |
| sam.100 | 0.3736 | 0.0075 | 0.13866 | 0.00157 | 1.47399 | 0.02169 | 0.07710 | 0.00091 | 837 | 9 | 920 | 14 | 1124 | 24 | 837 | 9 |
| Devonian Maoniushan Formation sample WC071215-14C | | | | | | | | | | | | | | | | |
| sam.01 | 0.0341 | 0.0009 | 0.0806 | 0.0009 | 0.6338 | 0.0114 | 0.0570 | 0.0009 | 500 | 6 | 498 | 9 | 491 | 35 | 500 | 6 |
| sam.02 | 0.7267 | 0.0115 | 0.0667 | 0.0007 | 0.5161 | 0.0103 | 0.0561 | 0.0010 | 416 | 5 | 423 | 8 | 457 | 38 | 416 | 5 |
| sam.03 | 0.3611 | 0.0017 | 0.0721 | 0.0008 | 0.5597 | 0.0099 | 0.0563 | 0.0009 | 449 | 5 | 451 | 8 | 464 | 36 | 449 | 5 |
| sam.04 | 0.6384 | 0.0036 | 0.0801 | 0.0010 | 0.6289 | 0.0124 | 0.0569 | 0.0009 | 497 | 6 | 495 | 10 | 489 | 36 | 497 | 6 |
| sam.05 | 0.0730 | 0.0013 | 0.1257 | 0.0013 | 1.2897 | 0.0215 | 0.0744 | 0.0011 | 763 | 8 | 841 | 14 | 1053 | 30 | 763 | 8 |
| sam.06 | 0.5145 | 0.0019 | 0.0803 | 0.0010 | 0.6220 | 0.0111 | 0.0562 | 0.0009 | 498 | 6 | 491 | 9 | 458 | 34 | 498 | 6 |
| sam.07 | 0.5877 | 0.0037 | 0.0802 | 0.0009 | 0.6262 | 0.0119 | 0.0566 | 0.0010 | 497 | 6 | 494 | 9 | 477 | 37 | 497 | 6 |
| sam.08 | 0.2075 | 0.0015 | 0.1261 | 0.0013 | 1.3624 | 0.0235 | 0.0783 | 0.0012 | 766 | 8 | 873 | 15 | 1155 | 31 | 766 | 8 |
| sam.09 | 0.8490 | 0.0033 | 0.0888 | 0.0010 | 0.7142 | 0.0133 | 0.0583 | 0.0010 | 548 | 6 | 547 | 10 | 542 | 36 | 548 | 6 |
| sam.10 | 0.9219 | 0.0053 | 0.0796 | 0.0010 | 0.6329 | 0.0137 | 0.0577 | 0.0010 | 494 | 6 | 498 | 11 | 517 | 38 | 494 | 6 |
| sam.11 | 0.8792 | 0.0070 | 0.1853 | 0.0020 | 1.9435 | 0.0326 | 0.0761 | 0.0011 | 1096 | 12 | 1096 | 18 | 1097 | 30 | 1097 | 30 |
| sam.12 | 0.4660 | 0.0011 | 0.0768 | 0.0008 | 0.5974 | 0.0107 | 0.0564 | 0.0009 | 477 | 5 | 476 | 9 | 469 | 36 | 477 | 5 |
| sam.13 | 0.6400 | 0.0182 | 0.1918 | 0.0021 | 2.0510 | 0.0367 | 0.0776 | 0.0012 | 1131 | 12 | 1133 | 20 | 1135 | 32 | 1135 | 32 |
| sam.14 | 0.6716 | 0.0020 | 0.0793 | 0.0008 | 0.6186 | 0.0115 | 0.0566 | 0.0010 | 492 | 5 | 489 | 9 | 476 | 38 | 492 | 5 |
| sam.15 | 0.7574 | 0.0067 | 0.0799 | 0.0009 | 0.6404 | 0.0119 | 0.0581 | 0.0010 | 496 | 5 | 503 | 9 | 534 | 37 | 496 | 5 |
| sam.16 | 0.0098 | 0.0003 | 0.0801 | 0.0009 | 0.6274 | 0.0107 | 0.0568 | 0.0009 | 497 | 5 | 494 | 8 | 483 | 34 | 497 | 5 |
| sam.19 | 0.8219 | 0.0037 | 0.0797 | 0.0009 | 0.6211 | 0.0117 | 0.0565 | 0.0010 | 494 | 5 | 491 | 9 | 474 | 38 | 494 | 5 |
| sam.20 | 0.6479 | 0.0016 | 0.0792 | 0.0009 | 0.6372 | 0.0146 | 0.0584 | 0.0012 | 491 | 6 | 501 | 11 | 543 | 46 | 491 | 6 |
| sam.21 | 0.8748 | 0.0017 | 0.0791 | 0.0008 | 0.6208 | 0.0121 | 0.0569 | 0.0010 | 491 | 5 | 490 | 10 | 488 | 39 | 491 | 5 |
| sam.22 | 0.4835 | 0.0017 | 0.0791 | 0.0008 | 0.6348 | 0.0110 | 0.0582 | 0.0009 | 491 | 5 | 499 | 9 | 537 | 35 | 491 | 5 |
| sam.23 | 0.5625 | 0.0029 | 0.0791 | 0.0009 | 0.6216 | 0.0130 | 0.0570 | 0.0011 | 491 | 5 | 491 | 10 | 492 | 43 | 491 | 5 |
| sam.24 | 0.2905 | 0.0058 | 0.3246 | 0.0036 | 5.0541 | 0.0859 | 0.1129 | 0.0017 | 1812 | 20 | 1828 | 31 | 1847 | 27 | 1847 | 27 |
| sam.25 | 0.6847 | 0.0103 | 0.0800 | 0.0009 | 0.6280 | 0.0132 | 0.0569 | 0.0011 | 496 | 6 | 495 | 10 | 489 | 41 | 496 | 6 |
| sam.26 | 1.5979 | 0.1060 | 0.0721 | 0.0008 | 0.5630 | 0.0097 | 0.0567 | 0.0009 | 449 | 5 | 453 | 8 | 478 | 34 | 449 | 5 |
| sam.25 | 0.7330 | 0.0026 | 0.0802 | 0.0009 | 0.6349 | 0.0144 | 0.0574 | 0.0012 | 498 | 6 | 499 | 11 | 507 | 47 | 498 | 6 |
| sam.26 | 0.5894 | 0.0039 | 0.0794 | 0.0009 | 0.6253 | 0.0111 | 0.0571 | 0.0009 | 493 | 6 | 493 | 9 | 496 | 35 | 493 | 6 |
| sam.27 | 0.6205 | 0.0050 | 0.0795 | 0.0009 | 0.6228 | 0.0127 | 0.0568 | 0.0011 | 493 | 6 | 492 | 10 | 484 | 42 | 493 | 6 |
| sam.28 | 0.6730 | 0.0071 | 0.0883 | 0.0010 | 0.7176 | 0.0150 | 0.0589 | 0.0011 | 546 | 6 | 549 | 11 | 564 | 40 | 546 | 6 |
| sam.29 | 0.6131 | 0.0094 | 0.0791 | 0.0008 | 0.6225 | 0.0106 | 0.0571 | 0.0009 | 491 | 5 | 491 | 8 | 495 | 33 | 491 | 5 |
| sam.30 | 0.6040 | 0.0028 | 0.1585 | 0.0017 | 1.5710 | 0.0280 | 0.0719 | 0.0011 | 949 | 10 | 959 | 17 | 982 | 32 | 949 | 10 |
| sam.31 | 0.6713 | 0.0030 | 0.0789 | 0.0009 | 0.6212 | 0.0111 | 0.0571 | 0.0009 | 490 | 5 | 491 | 9 | 495 | 35 | 490 | 5 |
| sam.32 | 0.7430 | 0.0094 | 0.1005 | 0.0011 | 0.8372 | 0.0155 | 0.0604 | 0.0010 | 617 | 7 | 618 | 11 | 618 | 36 | 617 | 7 |
| sam.33 | 0.3031 | 0.0047 | 0.0937 | 0.0013 | 0.7676 | 0.0157 | 0.0594 | 0.0010 | 578 | 8 | 578 | 12 | 581 | 37 | 578 | 8 |
| sam.34 | 0.5957 | 0.0022 | 0.0791 | 0.0009 | 0.6335 | 0.0138 | 0.0581 | 0.0011 | 491 | 6 | 498 | 11 | 533 | 42 | 491 | 6 |
| sam.35 | 0.6524 | 0.0066 | 0.0791 | 0.0008 | 0.6216 | 0.0113 | 0.0570 | 0.0009 | 491 | 5 | 491 | 9 | 492 | 36 | 491 | 5 |
| sam.36 | 1.0133 | 0.0112 | 0.0792 | 0.0010 | 0.6315 | 0.0147 | 0.0579 | 0.0013 | 491 | 6 | 497 | 12 | 524 | 47 | 491 | 6 |
| sam.37 | 0.6711 | 0.0013 | 0.0791 | 0.0009 | 0.6238 | 0.0117 | 0.0572 | 0.0010 | 491 | 5 | 492 | 9 | 498 | 37 | 491 | 5 |
| sam.38 | 0.4388 | 0.0048 | 0.0795 | 0.0009 | 0.6244 | 0.0111 | 0.0570 | 0.0009 | 493 | 5 | 493 | 9 | 492 | 36 | 493 | 5 |
| sam.39 | 0.9201 | 0.0056 | 0.0795 | 0.0009 | 0.6294 | 0.0115 | 0.0574 | 0.0009 | 493 | 6 | 496 | 9 | 507 | 35 | 493 | 6 |
| sam.40 | 0.5600 | 0.0084 | 0.0710 | 0.0008 | 0.5557 | 0.0103 | 0.0568 | 0.0010 | 442 | 5 | 449 | 8 | 483 | 37 | 442 | 5 |
| sam.41 | 0.7047 | 0.0015 | 0.0798 | 0.0009 | 0.6342 | 0.0123 | 0.0577 | 0.0010 | 495 | 6 | 499 | 10 | 517 | 38 | 495 | 6 |
| sam.42 | 0.5425 | 0.0044 | 0.1868 | 0.0021 | 1.9907 | 0.0361 | 0.0773 | 0.0012 | 1104 | 13 | 1112 | 20 | 1129 | 32 | 1129 | 32 |
| sam.43 | 0.6901 | 0.0054 | 0.0722 | 0.0008 | 0.5586 | 0.0110 | 0.0561 | 0.0010 | 449 | 5 | 451 | 9 | 456 | 41 | 449 | 5 |
| sam.44 | 0.1862 | 0.0021 | 0.0797 | 0.0008 | 0.6435 | 0.0112 | 0.0586 | 0.0009 | 494 | 5 | 504 | 9 | 551 | 34 | 494 | 5 |
| sam.45 | 0.4111 | 0.0049 | 0.1870 | 0.0020 | 1.9658 | 0.0334 | 0.0762 | 0.0012 | 1105 | 12 | 1104 | 19 | 1101 | 31 | 1101 | 31 |
| sam.46 | 1.0374 | 0.0054 | 0.0720 | 0.0008 | 0.5524 | 0.0096 | 0.0557 | 0.0009 | 448 | 5 | 447 | 8 | 440 | 34 | 448 | 5 |
| sam.47 | 1.9009 | 0.0066 | 0.0747 | 0.0008 | 0.5936 | 0.0106 | 0.0577 | 0.0009 | 464 | 5 | 473 | 8 | 517 | 35 | 464 | 5 |
| sam.48 | 0.4057 | 0.0048 | 0.0720 | 0.0008 | 0.5573 | 0.0102 | 0.0561 | 0.0009 | 448 | 5 | 450 | 8 | 458 | 37 | 448 | 5 |
| sam.49 | 0.4295 | 0.0038 | 0.0724 | 0.0008 | 0.5564 | 0.0104 | 0.0557 | 0.0009 | 451 | 5 | 449 | 8 | 441 | 38 | 451 | 5 |
| sam.50 | 0.4106 | 0.0051 | 0.0893 | 0.0010 | 0.7225 | 0.0128 | 0.0587 | 0.0009 | 552 | 6 | 552 | 10 | 554 | 35 | 552 | 6 |
| sam.51 | 0.9669 | 0.0087 | 0.0789 | 0.0008 | 0.6253 | 0.0110 | 0.0575 | 0.0009 | 490 | 5 | 493 | 9 | 509 | 35 | 490 | 5 |
| sam.52 | 0.6794 | 0.0057 | 0.0788 | 0.0008 | 0.6252 | 0.0120 | 0.0575 | 0.0010 | 489 | 5 | 493 | 9 | 511 | 37 | 489 | 5 |
| sam.53 | 0.7430 | 0.0052 | 0.0802 | 0.0009 | 0.6420 | 0.0129 | 0.0581 | 0.0011 | 497 | 6 | 504 | 10 | 533 | 40 | 497 | 6 |
| sam.54 | 0.5489 | 0.0102 | 0.0801 | 0.0009 | 0.6441 | 0.0141 | 0.0583 | 0.0011 | 497 | 6 | 505 | 11 | 542 | 43 | 497 | 6 |
| sam.55 | 0.5647 | 0.0054 | 0.0790 | 0.0008 | 0.6283 | 0.0113 | 0.0577 | 0.0009 | 490 | 5 | 495 | 9 | 519 | 36 | 490 | 5 |
| sam.56 | 0.7126 | 0.0015 | 0.0798 | 0.0009 | 0.6309 | 0.0115 | 0.0574 | 0.0010 | 495 | 6 | 497 | 9 | 506 | 37 | 495 | 6 |
| sam.57 | 0.6875 | 0.0035 | 0.0791 | 0.0008 | 0.6360 | 0.0117 | 0.0583 | 0.0010 | 491 | 5 | 500 | 9 | 540 | 37 | 491 | 5 |
| sam.58 | 0.0704 | 0.0003 | 0.0786 | 0.0008 | 0.6299 | 0.0108 | 0.0581 | 0.0009 | 488 | 5 | 496 | 8 | 533 | 34 | 488 | 5 |
| sam.59 | 0.8057 | 0.0073 | 0.0802 | 0.0009 | 0.6467 | 0.0120 | 0.0585 | 0.0010 | 497 | 6 | 506 | 9 | 548 | 37 | 497 | 6 |
| sam.60 | 0.6184 | 0.0106 | 0.0794 | 0.0009 | 0.6212 | 0.0113 | 0.0567 | 0.0009 | 493 | 5 | 491 | 9 | 481 | 36 | 493 | 5 |
| sam.61 | 0.5414 | 0.0109 | 0.0708 | 0.0008 | 0.5577 | 0.0095 | 0.0571 | 0.0009 | 441 | 5 | 450 | 8 | 496 | 34 | 441 | 5 |
| sam.62 | 0.6281 | 0.0049 | 0.0793 | 0.0009 | 0.6216 | 0.0116 | 0.0569 | 0.0010 | 492 | 5 | 491 | 9 | 486 | 37 | 492 | 5 |
| sam.63 | 0.6508 | 0.0069 | 0.0792 | 0.0009 | 0.6226 | 0.0111 | 0.0570 | 0.0009 | 491 | 5 | 491 | 9 | 492 | 35 | 491 | 5 |
| sam.64 | 0.4266 | 0.0020 | 0.0790 | 0.0009 | 0.6289 | 0.0112 | 0.0577 | 0.0009 | 490 | 6 | 495 | 9 | 519 | 34 | 490 | 6 |
| sam.65 | 0.6671 | 0.0027 | 0.0791 | 0.0009 | 0.6292 | 0.0124 | 0.0577 | 0.0010 | 491 | 5 | 496 | 10 | 517 | 38 | 491 | 5 |
| sam.66 | 0.4381 | 0.0070 | 0.0724 | 0.0008 | 0.5731 | 0.0111 | 0.0574 | 0.0010 | 451 | 5 | 460 | 9 | 507 | 38 | 451 | 5 |
| sam.67 | 0.8444 | 0.0049 | 0.0799 | 0.0009 | 0.6264 | 0.0111 | 0.0569 | 0.0009 | 496 | 5 | 494 | 9 | 486 | 35 | 496 | 5 |
| sam.68 | 0.4381 | 0.0072 | 0.0799 | 0.0011 | 0.6315 | 0.0119 | 0.0574 | 0.0009 | 495 | 7 | 497 | 9 | 505 | 34 | 495 | 7 |
| sam.69 | 0.6900 | 0.0027 | 0.0707 | 0.0008 | 0.5534 | 0.0094 | 0.0567 | 0.0009 | 441 | 5 | 447 | 8 | 481 | 33 | 441 | 5 |
| sam.70 | 0.4846 | 0.0050 | 0.0782 | 0.0008 | 0.6152 | 0.0109 | 0.0571 | 0.0009 | 485 | 5 | 487 | 9 | 495 | 35 | 485 | 5 |
| sam.71 | 0.7158 | 0.0091 | 0.0718 | 0.0008 | 0.5676 | 0.0122 | 0.0573 | 0.0011 | 447 | 5 | 456 | 10 | 505 | 43 | 447 | 5 |
| sam.72 | 0.3702 | 0.0016 | 0.0800 | 0.0009 | 0.6438 | 0.0122 | 0.0583 | 0.0010 | 496 | 6 | 505 | 10 | 543 | 36 | 496 | 6 |
| sam.73 | 0.7250 | 0.0065 | 0.0724 | 0.0008 | 0.5739 | 0.0102 | 0.0575 | 0.0009 | 451 | 5 | 461 | 8 | 510 | 35 | 451 | 5 |
| sam.74 | 0.5073 | 0.0053 | 0.0805 | 0.0009 | 0.6464 | 0.0120 | 0.0583 | 0.0009 | 499 | 6 | 506 | 9 | 540 | 35 | 499 | 6 |
| sam.75 | 0.7002 | 0.0033 | 0.0806 | 0.0009 | 0.6370 | 0.0125 | 0.0573 | 0.0010 | 499 | 6 | 500 | 10 | 505 | 38 | 499 | 6 |
| sam.76 | 0.6088 | 0.0087 | 0.0721 | 0.0008 | 0.5598 | 0.0098 | 0.0563 | 0.0009 | 449 | 5 | 451 | 8 | 463 | 35 | 449 | 5 |
| sam.77 | 0.8180 | 0.0133 | 0.0795 | 0.0008 | 0.6289 | 0.0128 | 0.0574 | 0.0011 | 493 | 5 | 495 | 10 | 506 | 41 | 493 | 5 |
| sam.78 | 0.9643 | 0.0144 | 0.0791 | 0.0009 | 0.6326 | 0.0114 | 0.0580 | 0.0009 | 491 | 5 | 498 | 9 | 530 | 35 | 491 | 5 |
| sam.79 | 0.6648 | 0.0113 | 0.0723 | 0.0008 | 0.5631 | 0.0130 | 0.0564 | 0.0012 | 450 | 5 | 454 | 10 | 470 | 45 | 450 | 5 |
| sam.80 | 0.8410 | 0.0046 | 0.0796 | 0.0009 | 0.6306 | 0.0110 | 0.0574 | 0.0009 | 494 | 5 | 496 | 9 | 508 | 34 | 494 | 5 |
| sam.81 | 0.4188 | 0.0047 | 0.0721 | 0.0008 | 0.5708 | 0.0101 | 0.0574 | 0.0009 | 449 | 5 | 459 | 8 | 506 | 35 | 449 | 5 |
| sam.82 | 0.6168 | 0.0059 | 0.0724 | 0.0008 | 0.5693 | 0.0098 | 0.0570 | 0.0009 | 451 | 5 | 458 | 8 | 492 | 34 | 451 | 5 |
| sam.83 | 0.4709 | 0.0045 | 0.0790 | 0.0009 | 0.6274 | 0.0110 | 0.0576 | 0.0009 | 490 | 5 | 494 | 9 | 515 | 35 | 490 | 5 |
| sam.84 | 0.6735 | 0.0118 | 0.0723 | 0.0008 | 0.5661 | 0.0101 | 0.0568 | 0.0009 | 450 | 5 | 455 | 8 | 483 | 36 | 450 | 5 |
| sam.85 | 0.9560 | 0.0125 | 0.0726 | 0.0008 | 0.5695 | 0.0111 | 0.0569 | 0.0010 | 452 | 5 | 458 | 9 | 488 | 39 | 452 | 5 |
| sam.86 | 0.3311 | 0.0013 | 0.0766 | 0.0008 | 0.6086 | 0.0135 | 0.0576 | 0.0012 | 476 | 5 | 483 | 11 | 515 | 46 | 476 | 5 |
| sam.87 | 0.7508 | 0.0029 | 0.0792 | 0.0008 | 0.6239 | 0.0116 | 0.0572 | 0.0010 | 491 | 5 | 492 | 9 | 498 | 37 | 491 | 5 |
| sam.88 | 0.6345 | 0.0069 | 0.0721 | 0.0008 | 0.5542 | 0.0097 | 0.0557 | 0.0009 | 449 | 5 | 448 | 8 | 441 | 35 | 449 | 5 |
| sam.89 | 0.6289 | 0.0031 | 0.0789 | 0.0009 | 0.6259 | 0.0119 | 0.0576 | 0.0010 | 489 | 5 | 494 | 9 | 513 | 37 | 489 | 5 |
| sam.90 | 0.7829 | 0.0137 | 0.0791 | 0.0009 | 0.6245 | 0.0126 | 0.0573 | 0.0011 | 491 | 5 | 493 | 10 | 502 | 41 | 491 | 5 |
| sam.91 | 0.4818 | 0.0061 | 0.1888 | 0.0020 | 2.0161 | 0.0340 | 0.0775 | 0.0012 | 1115 | 12 | 1121 | 19 | 1133 | 30 | 1133 | 30 |
| sam.92 | 1.0020 | 0.0050 | 0.0792 | 0.0009 | 0.6307 | 0.0124 | 0.0577 | 0.0010 | 492 | 5 | 497 | 10 | 520 | 40 | 492 | 5 |
| sam.93 | 0.7015 | 0.0019 | 0.0708 | 0.0008 | 0.5517 | 0.0099 | 0.0566 | 0.0009 | 441 | 5 | 446 | 8 | 474 | 36 | 441 | 5 |
| sam.94 | 0.7127 | 0.0031 | 0.0716 | 0.0007 | 0.5629 | 0.0094 | 0.0570 | 0.0009 | 446 | 5 | 453 | 8 | 491 | 33 | 446 | 5 |
| sam.95 | 0.7349 | 0.0125 | 0.0719 | 0.0008 | 0.5646 | 0.0098 | 0.0569 | 0.0009 | 448 | 5 | 455 | 8 | 489 | 35 | 448 | 5 |
| sam.96 | 0.6165 | 0.0049 | 0.0726 | 0.0008 | 0.5708 | 0.0110 | 0.0571 | 0.0010 | 452 | 5 | 459 | 9 | 494 | 39 | 452 | 5 |
| sam.97 | 0.4909 | 0.0055 | 0.0723 | 0.0008 | 0.5615 | 0.0104 | 0.0563 | 0.0010 | 450 | 5 | 452 | 8 | 465 | 38 | 450 | 5 |
| sam.98 | 0.7567 | 0.0053 | 0.0788 | 0.0008 | 0.6291 | 0.0132 | 0.0579 | 0.0011 | 489 | 5 | 496 | 10 | 525 | 43 | 489 | 5 |
| sam.99 | 0.5429 | 0.0032 | 0.0789 | 0.0009 | 0.6279 | 0.0127 | 0.0577 | 0.0011 | 490 | 5 | 495 | 10 | 518 | 41 | 490 | 5 |
| sam.100 | 0.0319 | 0.0002 | 0.0763 | 0.0008 | 0.6031 | 0.0105 | 0.0573 | 0.0009 | 474 | 5 | 479 | 8 | 504 | 35 | 474 | 5 |
| Early Carboniferous Halaguole Formation sample WC071215-14B | | | | | | | | | | | | | | | | |
| sam.01 | 0.8183 | 0.0026 | 0.0790 | 0.0009 | 0.6288 | 0.0128 | 0.0577 | 0.0010 | 490 | 5 | 495 | 10 | 519 | 39 | 490 | 5 |
| sam.02 | 0.2667 | 0.0009 | 0.0723 | 0.0008 | 0.5618 | 0.0106 | 0.0564 | 0.0009 | 450 | 5 | 453 | 9 | 466 | 37 | 450 | 5 |
| sam.03 | 0.8197 | 0.0020 | 0.0725 | 0.0008 | 0.5680 | 0.0110 | 0.0568 | 0.0010 | 451 | 5 | 457 | 9 | 484 | 37 | 451 | 5 |
| sam.04 | 0.8891 | 0.0027 | 0.0797 | 0.0009 | 0.6172 | 0.0122 | 0.0561 | 0.0009 | 495 | 6 | 488 | 10 | 458 | 37 | 495 | 6 |
| sam.05 | 0.3852 | 0.0016 | 0.0708 | 0.0008 | 0.5550 | 0.0106 | 0.0568 | 0.0010 | 441 | 5 | 448 | 9 | 485 | 39 | 441 | 5 |
| sam.06 | 0.9979 | 0.0042 | 0.0790 | 0.0009 | 0.6259 | 0.0120 | 0.0575 | 0.0010 | 490 | 5 | 494 | 9 | 510 | 38 | 490 | 5 |
| sam.07 | 0.6111 | 0.0011 | 0.0793 | 0.0009 | 0.6142 | 0.0120 | 0.0562 | 0.0010 | 492 | 5 | 486 | 9 | 460 | 39 | 492 | 5 |
| sam.08 | 0.5442 | 0.0035 | 0.0584 | 0.0007 | 0.4355 | 0.0088 | 0.0541 | 0.0010 | 366 | 4 | 367 | 7 | 374 | 40 | 366 | 4 |
| sam.09 | 0.7532 | 0.0015 | 0.0787 | 0.0009 | 0.6108 | 0.0121 | 0.0563 | 0.0010 | 488 | 5 | 484 | 10 | 465 | 39 | 488 | 5 |
| sam.10 | 1.0886 | 0.0062 | 0.0677 | 0.0008 | 0.5122 | 0.0121 | 0.0548 | 0.0012 | 423 | 5 | 420 | 10 | 405 | 49 | 423 | 5 |
| sam.11 | 0.6752 | 0.0016 | 0.0722 | 0.0008 | 0.5638 | 0.0109 | 0.0566 | 0.0010 | 450 | 5 | 454 | 9 | 476 | 38 | 450 | 5 |
| sam.12 | 0.6030 | 0.0010 | 0.0794 | 0.0009 | 0.6338 | 0.0129 | 0.0579 | 0.0010 | 492 | 6 | 498 | 10 | 527 | 39 | 492 | 6 |
| sam.13 | 0.8338 | 0.0017 | 0.0721 | 0.0009 | 0.5626 | 0.0116 | 0.0566 | 0.0010 | 449 | 5 | 453 | 9 | 476 | 40 | 449 | 5 |
| sam.14 | 0.6689 | 0.0021 | 0.0634 | 0.0007 | 0.4798 | 0.0096 | 0.0549 | 0.0010 | 396 | 4 | 398 | 8 | 409 | 41 | 396 | 4 |
| sam.15 | 0.8596 | 0.0059 | 0.0716 | 0.0008 | 0.5643 | 0.0114 | 0.0571 | 0.0010 | 446 | 5 | 454 | 9 | 497 | 40 | 446 | 5 |
| sam.16 | 0.6329 | 0.0013 | 0.0689 | 0.0007 | 0.5331 | 0.0143 | 0.0561 | 0.0014 | 429 | 5 | 434 | 12 | 458 | 56 | 429 | 5 |
| sam.19 | 0.7298 | 0.0047 | 0.0716 | 0.0008 | 0.5544 | 0.0108 | 0.0562 | 0.0010 | 446 | 5 | 448 | 9 | 459 | 38 | 446 | 5 |
| sam.20 | 0.7170 | 0.0061 | 0.0603 | 0.0007 | 0.4525 | 0.0089 | 0.0544 | 0.0010 | 378 | 5 | 379 | 7 | 387 | 40 | 378 | 5 |
| sam.21 | 0.4009 | 0.0023 | 0.0682 | 0.0008 | 0.5235 | 0.0100 | 0.0557 | 0.0009 | 425 | 5 | 427 | 8 | 440 | 38 | 425 | 5 |
| sam.22 | 0.8450 | 0.0058 | 0.0725 | 0.0008 | 0.5706 | 0.0132 | 0.0571 | 0.0012 | 451 | 5 | 458 | 11 | 496 | 47 | 451 | 5 |
| sam.23 | 0.2414 | 0.0031 | 0.0722 | 0.0008 | 0.5702 | 0.0116 | 0.0573 | 0.0010 | 449 | 5 | 458 | 9 | 502 | 40 | 449 | 5 |
| sam.24 | 0.5688 | 0.0017 | 0.0717 | 0.0008 | 0.5613 | 0.0119 | 0.0568 | 0.0011 | 446 | 5 | 452 | 10 | 483 | 43 | 446 | 5 |
| sam.25 | 0.7822 | 0.0015 | 0.0722 | 0.0009 | 0.5718 | 0.0116 | 0.0574 | 0.0010 | 449 | 5 | 459 | 9 | 508 | 39 | 449 | 5 |
| sam.26 | 0.4437 | 0.0009 | 0.0711 | 0.0008 | 0.5516 | 0.0108 | 0.0562 | 0.0010 | 443 | 5 | 446 | 9 | 462 | 38 | 443 | 5 |
| sam.25 | 0.4682 | 0.0007 | 0.0657 | 0.0007 | 0.5066 | 0.0101 | 0.0559 | 0.0010 | 410 | 4 | 416 | 8 | 449 | 40 | 410 | 4 |
| sam.26 | 0.6096 | 0.0038 | 0.0621 | 0.0007 | 0.4675 | 0.0096 | 0.0546 | 0.0010 | 389 | 4 | 389 | 8 | 395 | 43 | 389 | 4 |
| sam.27 | 0.4937 | 0.0045 | 0.0722 | 0.0010 | 0.5700 | 0.0140 | 0.0573 | 0.0012 | 449 | 6 | 458 | 11 | 503 | 47 | 449 | 6 |
| sam.28 | 0.4530 | 0.0024 | 0.0611 | 0.0008 | 0.4695 | 0.0089 | 0.0557 | 0.0010 | 382 | 5 | 391 | 7 | 442 | 39 | 382 | 5 |
| sam.29 | 0.5165 | 0.0027 | 0.0609 | 0.0007 | 0.4548 | 0.0086 | 0.0541 | 0.0009 | 381 | 4 | 381 | 7 | 377 | 38 | 381 | 4 |
| sam.30 | 0.7072 | 0.0017 | 0.0722 | 0.0008 | 0.5573 | 0.0111 | 0.0560 | 0.0010 | 449 | 5 | 450 | 9 | 452 | 40 | 449 | 5 |
| sam.31 | 0.7053 | 0.0012 | 0.0795 | 0.0009 | 0.6357 | 0.0125 | 0.0580 | 0.0010 | 493 | 5 | 500 | 10 | 530 | 38 | 493 | 5 |
| sam.32 | 0.6585 | 0.0035 | 0.0711 | 0.0009 | 0.5586 | 0.0152 | 0.0570 | 0.0013 | 443 | 5 | 451 | 12 | 491 | 49 | 443 | 5 |
| sam.33 | 0.2800 | 0.0019 | 0.0713 | 0.0008 | 0.5494 | 0.0105 | 0.0558 | 0.0010 | 444 | 5 | 445 | 9 | 446 | 38 | 444 | 5 |
| sam.34 | 0.2542 | 0.0019 | 0.0717 | 0.0008 | 0.5541 | 0.0105 | 0.0560 | 0.0009 | 446 | 5 | 448 | 8 | 454 | 37 | 446 | 5 |
| sam.35 | 0.7157 | 0.0022 | 0.0691 | 0.0007 | 0.5433 | 0.0103 | 0.0570 | 0.0010 | 431 | 5 | 441 | 8 | 491 | 37 | 431 | 5 |
| sam.36 | 0.1633 | 0.0008 | 0.0708 | 0.0007 | 0.5417 | 0.0101 | 0.0555 | 0.0009 | 441 | 5 | 440 | 8 | 433 | 37 | 441 | 5 |
| sam.37 | 0.3099 | 0.0033 | 0.0785 | 0.0008 | 0.6101 | 0.0117 | 0.0564 | 0.0010 | 487 | 5 | 484 | 9 | 466 | 38 | 487 | 5 |
| sam.38 | 0.3567 | 0.0023 | 0.0788 | 0.0009 | 0.6262 | 0.0123 | 0.0576 | 0.0010 | 489 | 6 | 494 | 10 | 515 | 37 | 489 | 6 |
| sam.39 | 0.7292 | 0.0022 | 0.0792 | 0.0009 | 0.6354 | 0.0131 | 0.0582 | 0.0010 | 491 | 5 | 499 | 10 | 537 | 39 | 491 | 5 |
| sam.40 | 0.3380 | 0.0016 | 0.0719 | 0.0008 | 0.5657 | 0.0118 | 0.0571 | 0.0011 | 448 | 5 | 455 | 9 | 494 | 42 | 448 | 5 |
| sam.41 | 0.7590 | 0.0023 | 0.0879 | 0.0010 | 0.7086 | 0.0145 | 0.0585 | 0.0011 | 543 | 6 | 544 | 11 | 548 | 39 | 543 | 6 |
| sam.42 | 0.5032 | 0.0009 | 0.0781 | 0.0008 | 0.6111 | 0.0125 | 0.0568 | 0.0010 | 485 | 5 | 484 | 10 | 482 | 40 | 485 | 5 |
| sam.43 | 0.5172 | 0.0032 | 0.0791 | 0.0010 | 0.6342 | 0.0272 | 0.0582 | 0.0020 | 491 | 6 | 499 | 21 | 537 | 74 | 491 | 6 |
| sam.44 | 0.4067 | 0.0003 | 0.0786 | 0.0009 | 0.6285 | 0.0131 | 0.0580 | 0.0011 | 488 | 5 | 495 | 10 | 529 | 41 | 488 | 5 |
| sam.45 | 1.0356 | 0.0019 | 0.0789 | 0.0008 | 0.6330 | 0.0123 | 0.0582 | 0.0010 | 490 | 5 | 498 | 10 | 536 | 38 | 490 | 5 |
| sam.46 | 0.7564 | 0.0036 | 0.0792 | 0.0009 | 0.6160 | 0.0117 | 0.0564 | 0.0009 | 492 | 5 | 487 | 9 | 468 | 37 | 492 | 5 |
| sam.47 | 0.3452 | 0.0072 | 0.0733 | 0.0008 | 0.5764 | 0.0112 | 0.0571 | 0.0010 | 456 | 5 | 462 | 9 | 494 | 39 | 456 | 5 |
| sam.48 | 0.6793 | 0.0022 | 0.0695 | 0.0008 | 0.5385 | 0.0106 | 0.0562 | 0.0010 | 433 | 5 | 437 | 9 | 461 | 40 | 433 | 5 |
| sam.49 | 0.6940 | 0.0035 | 0.0718 | 0.0008 | 0.5517 | 0.0168 | 0.0558 | 0.0016 | 447 | 5 | 446 | 14 | 443 | 64 | 447 | 5 |
| sam.50 | 0.2458 | 0.0036 | 0.0717 | 0.0008 | 0.5577 | 0.0105 | 0.0564 | 0.0010 | 446 | 5 | 450 | 8 | 470 | 38 | 446 | 5 |
| sam.51 | 0.7966 | 0.0009 | 0.0723 | 0.0008 | 0.5497 | 0.0129 | 0.0552 | 0.0012 | 450 | 5 | 445 | 10 | 419 | 49 | 450 | 5 |
| sam.52 | 1.1082 | 0.0101 | 0.0714 | 0.0008 | 0.5566 | 0.0107 | 0.0565 | 0.0010 | 445 | 5 | 449 | 9 | 473 | 38 | 445 | 5 |
| sam.53 | 0.6775 | 0.0023 | 0.0717 | 0.0009 | 0.5661 | 0.0115 | 0.0573 | 0.0010 | 446 | 5 | 455 | 9 | 502 | 39 | 446 | 5 |
| sam.54 | 0.7449 | 0.0028 | 0.0715 | 0.0008 | 0.5531 | 0.0106 | 0.0561 | 0.0009 | 445 | 5 | 447 | 9 | 455 | 37 | 445 | 5 |
| sam.55 | 0.5859 | 0.0008 | 0.0717 | 0.0008 | 0.5557 | 0.0113 | 0.0562 | 0.0010 | 447 | 5 | 449 | 9 | 459 | 40 | 447 | 5 |
| sam.56 | 0.7180 | 0.0050 | 0.0539 | 0.0006 | 0.6263 | 0.0119 | 0.0842 | 0.0014 | 339 | 4 | 494 | 9 | 1298 | 32 | 339 | 4 |
| sam.57 | 1.0640 | 0.0084 | 0.0724 | 0.0008 | 0.5608 | 0.0111 | 0.0562 | 0.0010 | 451 | 5 | 452 | 9 | 458 | 39 | 451 | 5 |
| sam.58 | 0.6320 | 0.0023 | 0.0799 | 0.0009 | 0.6330 | 0.0125 | 0.0574 | 0.0010 | 496 | 6 | 498 | 10 | 509 | 38 | 496 | 6 |
| sam.59 | 0.4379 | 0.0023 | 0.0716 | 0.0008 | 0.5572 | 0.0103 | 0.0564 | 0.0009 | 446 | 5 | 450 | 8 | 470 | 37 | 446 | 5 |
| sam.60 | 0.7988 | 0.0125 | 0.0673 | 0.0007 | 0.5138 | 0.0116 | 0.0553 | 0.0012 | 420 | 5 | 421 | 9 | 426 | 46 | 420 | 5 |
| sam.61 | 0.4648 | 0.0102 | 0.0708 | 0.0008 | 0.5545 | 0.0104 | 0.0568 | 0.0010 | 441 | 5 | 448 | 8 | 484 | 37 | 441 | 5 |
| sam.62 | 0.5914 | 0.0027 | 0.0723 | 0.0008 | 0.5578 | 0.0111 | 0.0559 | 0.0010 | 450 | 5 | 450 | 9 | 449 | 38 | 450 | 5 |
| sam.63 | 0.4273 | 0.0019 | 0.0676 | 0.0008 | 0.5279 | 0.0134 | 0.0567 | 0.0013 | 421 | 5 | 430 | 11 | 479 | 52 | 421 | 5 |
| sam.64 | 1.0278 | 0.0078 | 0.0579 | 0.0007 | 0.6555 | 0.0130 | 0.0821 | 0.0016 | 363 | 5 | 512 | 10 | 1247 | 38 | 363 | 5 |
| sam.65 | 0.5253 | 0.0084 | 0.0679 | 0.0008 | 0.5262 | 0.0101 | 0.0562 | 0.0010 | 423 | 5 | 429 | 8 | 462 | 38 | 423 | 5 |
| sam.66 | 1.0186 | 0.0092 | 0.0712 | 0.0008 | 0.5491 | 0.0112 | 0.0559 | 0.0010 | 443 | 5 | 444 | 9 | 450 | 41 | 443 | 5 |
| sam.67 | 0.6477 | 0.0024 | 0.2638 | 0.0030 | 3.9590 | 0.0728 | 0.1088 | 0.0017 | 1509 | 17 | 1626 | 30 | 1780 | 29 | 1780 | 29 |
| sam.68 | 0.3482 | 0.0014 | 0.0697 | 0.0007 | 0.5371 | 0.0104 | 0.0559 | 0.0010 | 434 | 5 | 436 | 8 | 449 | 38 | 434 | 5 |
| sam.69 | 0.3759 | 0.0035 | 0.0690 | 0.0008 | 0.5377 | 0.0101 | 0.0565 | 0.0009 | 430 | 5 | 437 | 8 | 473 | 36 | 430 | 5 |
| sam.70 | 0.8723 | 0.0039 | 0.0791 | 0.0009 | 0.6307 | 0.0130 | 0.0578 | 0.0011 | 491 | 6 | 497 | 10 | 523 | 40 | 491 | 6 |
| sam.71 | 0.7832 | 0.0052 | 0.0708 | 0.0008 | 0.5462 | 0.0109 | 0.0560 | 0.0010 | 441 | 5 | 443 | 9 | 452 | 40 | 441 | 5 |
| sam.72 | 0.1505 | 0.0033 | 0.0712 | 0.0008 | 0.5627 | 0.0113 | 0.0573 | 0.0010 | 443 | 5 | 453 | 9 | 503 | 38 | 443 | 5 |
| sam.73 | 0.8201 | 0.0037 | 0.0670 | 0.0008 | 0.5178 | 0.0100 | 0.0560 | 0.0010 | 418 | 5 | 424 | 8 | 454 | 39 | 418 | 5 |
| sam.74 | 0.3127 | 0.0025 | 0.0599 | 0.0007 | 0.4583 | 0.0085 | 0.0555 | 0.0010 | 375 | 5 | 383 | 7 | 431 | 38 | 375 | 5 |
| sam.75 | 0.7426 | 0.0062 | 0.0788 | 0.0008 | 0.6314 | 0.0121 | 0.0581 | 0.0010 | 489 | 5 | 497 | 10 | 534 | 38 | 489 | 5 |
| sam.76 | 0.1293 | 0.0013 | 0.1677 | 0.0022 | 2.0354 | 0.0422 | 0.0880 | 0.0014 | 999 | 13 | 1127 | 23 | 1383 | 31 | 1383 | 31 |
| sam.77 | 0.4710 | 0.0003 | 0.0789 | 0.0009 | 0.6152 | 0.0126 | 0.0565 | 0.0010 | 490 | 5 | 487 | 10 | 473 | 41 | 490 | 5 |
| sam.78 | 0.8532 | 0.0021 | 0.0723 | 0.0008 | 0.5611 | 0.0114 | 0.0563 | 0.0010 | 450 | 5 | 452 | 9 | 465 | 41 | 450 | 5 |
| sam.79 | 0.6638 | 0.0023 | 0.0752 | 0.0008 | 0.5981 | 0.0133 | 0.0577 | 0.0012 | 468 | 5 | 476 | 11 | 517 | 45 | 468 | 5 |
| sam.80 | 0.6552 | 0.0037 | 0.0803 | 0.0010 | 0.6298 | 0.0134 | 0.0569 | 0.0010 | 498 | 6 | 496 | 11 | 488 | 40 | 498 | 6 |
| sam.81 | 0.6567 | 0.0020 | 0.0724 | 0.0008 | 0.5581 | 0.0111 | 0.0559 | 0.0010 | 451 | 5 | 450 | 9 | 448 | 40 | 451 | 5 |
| sam.82 | 0.8406 | 0.0015 | 0.0787 | 0.0009 | 0.6115 | 0.0117 | 0.0563 | 0.0010 | 489 | 5 | 485 | 9 | 466 | 38 | 489 | 5 |
| sam.83 | 0.2318 | 0.0016 | 0.0786 | 0.0009 | 0.6150 | 0.0121 | 0.0568 | 0.0010 | 488 | 5 | 487 | 10 | 483 | 38 | 488 | 5 |
| sam.84 | 0.7111 | 0.0053 | 0.0722 | 0.0008 | 0.5595 | 0.0114 | 0.0562 | 0.0010 | 450 | 5 | 451 | 9 | 459 | 40 | 450 | 5 |
| sam.85 | 0.6994 | 0.0012 | 0.0713 | 0.0008 | 0.5597 | 0.0127 | 0.0569 | 0.0012 | 444 | 5 | 451 | 10 | 489 | 46 | 444 | 5 |
| sam.86 | 0.7013 | 0.0030 | 0.0723 | 0.0008 | 0.5598 | 0.0106 | 0.0562 | 0.0009 | 450 | 5 | 451 | 9 | 460 | 37 | 450 | 5 |
| sam.87 | 0.5961 | 0.0020 | 0.0717 | 0.0008 | 0.5555 | 0.0108 | 0.0562 | 0.0010 | 447 | 5 | 449 | 9 | 459 | 39 | 447 | 5 |
| sam.88 | 0.8754 | 0.0025 | 0.0780 | 0.0008 | 0.6080 | 0.0118 | 0.0565 | 0.0010 | 484 | 5 | 482 | 9 | 473 | 39 | 484 | 5 |
| sam.89 | 0.7834 | 0.0015 | 0.0719 | 0.0008 | 0.5554 | 0.0120 | 0.0560 | 0.0011 | 447 | 5 | 449 | 10 | 454 | 44 | 447 | 5 |
| sam.90 | 0.6331 | 0.0009 | 0.0721 | 0.0008 | 0.5629 | 0.0113 | 0.0566 | 0.0010 | 449 | 5 | 453 | 9 | 476 | 40 | 449 | 5 |
| sam.91 | 0.3061 | 0.0016 | 0.0699 | 0.0008 | 0.5388 | 0.0101 | 0.0559 | 0.0009 | 435 | 5 | 438 | 8 | 449 | 37 | 435 | 5 |
| sam.92 | 0.7093 | 0.0014 | 0.0793 | 0.0009 | 0.6334 | 0.0121 | 0.0580 | 0.0010 | 492 | 6 | 498 | 10 | 528 | 37 | 492 | 6 |
| sam.93 | 0.6210 | 0.0035 | 0.0724 | 0.0008 | 0.5696 | 0.0107 | 0.0571 | 0.0010 | 450 | 5 | 458 | 9 | 495 | 37 | 450 | 5 |
| sam.94 | 0.2946 | 0.0017 | 0.0526 | 0.0007 | 0.3926 | 0.0073 | 0.0542 | 0.0009 | 330 | 4 | 336 | 6 | 379 | 37 | 330 | 4 |
| sam.95 | 0.4878 | 0.0027 | 0.0693 | 0.0008 | 0.5413 | 0.0111 | 0.0567 | 0.0011 | 432 | 5 | 439 | 9 | 479 | 41 | 432 | 5 |
| sam.96 | 0.5947 | 0.0032 | 0.0763 | 0.0008 | 0.6093 | 0.0117 | 0.0579 | 0.0010 | 474 | 5 | 483 | 9 | 528 | 38 | 474 | 5 |
| sam.97 | 0.8773 | 0.0014 | 0.0797 | 0.0009 | 0.6239 | 0.0124 | 0.0568 | 0.0010 | 494 | 6 | 492 | 10 | 482 | 38 | 494 | 6 |
| sam.98 | 0.7028 | 0.0035 | 0.0711 | 0.0008 | 0.5488 | 0.0104 | 0.0560 | 0.0009 | 443 | 5 | 444 | 8 | 453 | 38 | 443 | 5 |
| sam.99 | 0.6398 | 0.0026 | 0.0792 | 0.0009 | 0.6246 | 0.0164 | 0.0572 | 0.0013 | 491 | 6 | 493 | 13 | 500 | 49 | 491 | 6 |
| sam.100 | 0.8183 | 0.0026 | 0.0790 | 0.0009 | 0.6288 | 0.0128 | 0.0577 | 0.0010 | 490 | 5 | 495 | 10 | 519 | 39 | 490 | 5 |
| Late Permian Gequ Formation sample WC071315-14 | | | | | | | | | | | | | | | | |
| sam.01 | 0.9712 | 0.0152 | 0.0757 | 0.0009 | 0.5895 | 0.0118 | 0.0565 | 0.0010 | 470 | 6 | 471 | 9 | 471 | 39 | 470 | 6 |
| sam.02 | 0.5584 | 0.0021 | 0.1852 | 0.0021 | 1.9445 | 0.0322 | 0.0761 | 0.0011 | 1095 | 12 | 1097 | 18 | 1099 | 29 | 1099 | 29 |
| sam.03 | 0.7146 | 0.0010 | 0.0794 | 0.0009 | 0.6383 | 0.0114 | 0.0583 | 0.0010 | 492 | 5 | 501 | 9 | 542 | 36 | 492 | 5 |
| sam.04 | 0.0312 | 0.0005 | 0.2745 | 0.0029 | 3.7381 | 0.0588 | 0.0988 | 0.0014 | 1563 | 17 | 1580 | 25 | 1601 | 26 | 1601 | 26 |
| sam.05 | 0.5749 | 0.0053 | 0.0780 | 0.0009 | 0.6120 | 0.0112 | 0.0569 | 0.0009 | 484 | 6 | 485 | 9 | 487 | 35 | 484 | 6 |
| sam.06 | 0.1764 | 0.0031 | 0.1064 | 0.0011 | 0.9045 | 0.0152 | 0.0616 | 0.0009 | 652 | 7 | 654 | 11 | 661 | 33 | 652 | 7 |
| sam.07 | 0.2031 | 0.0033 | 0.1884 | 0.0022 | 1.9774 | 0.0340 | 0.0761 | 0.0011 | 1112 | 13 | 1108 | 19 | 1099 | 29 | 1099 | 29 |
| sam.08 | 1.0421 | 0.0042 | 0.0759 | 0.0009 | 0.5911 | 0.0110 | 0.0565 | 0.0009 | 472 | 6 | 472 | 9 | 471 | 35 | 472 | 6 |
| sam.09 | 0.6833 | 0.0026 | 0.1907 | 0.0021 | 2.0153 | 0.0332 | 0.0766 | 0.0011 | 1125 | 12 | 1121 | 18 | 1112 | 29 | 1112 | 29 |
| sam.10 | 0.5946 | 0.0058 | 0.3061 | 0.0032 | 4.5499 | 0.0722 | 0.1078 | 0.0015 | 1721 | 18 | 1740 | 28 | 1763 | 26 | 1763 | 26 |
| sam.11 | 0.2145 | 0.0010 | 0.2626 | 0.0031 | 3.4038 | 0.0564 | 0.0940 | 0.0013 | 1503 | 18 | 1505 | 25 | 1508 | 26 | 1508 | 26 |
| sam.12 | 0.5786 | 0.0028 | 0.0763 | 0.0009 | 0.6097 | 0.0125 | 0.0580 | 0.0011 | 474 | 5 | 483 | 10 | 529 | 40 | 474 | 5 |
| sam.13 | 0.6459 | 0.0113 | 0.0673 | 0.0010 | 0.5190 | 0.0094 | 0.0560 | 0.0010 | 420 | 6 | 424 | 8 | 451 | 39 | 420 | 6 |
| sam.14 | 0.7585 | 0.0037 | 0.0748 | 0.0009 | 0.5812 | 0.0106 | 0.0563 | 0.0009 | 465 | 5 | 465 | 9 | 466 | 35 | 465 | 5 |
| sam.15 | 0.5792 | 0.0021 | 0.0810 | 0.0010 | 0.6399 | 0.0150 | 0.0573 | 0.0012 | 502 | 6 | 502 | 12 | 502 | 48 | 502 | 6 |
| sam.16 | 0.6185 | 0.0024 | 0.2866 | 0.0032 | 4.0035 | 0.0659 | 0.1013 | 0.0015 | 1624 | 18 | 1635 | 27 | 1648 | 27 | 1648 | 27 |
| sam.19 | 0.4585 | 0.0022 | 0.0711 | 0.0008 | 0.5508 | 0.0096 | 0.0562 | 0.0009 | 443 | 5 | 445 | 8 | 461 | 35 | 443 | 5 |
| sam.20 | 0.9952 | 0.0033 | 0.0706 | 0.0008 | 0.5515 | 0.0092 | 0.0567 | 0.0008 | 440 | 5 | 446 | 7 | 478 | 33 | 440 | 5 |
| sam.21 | 0.4973 | 0.0062 | 0.1398 | 0.0018 | 1.2957 | 0.0247 | 0.0672 | 0.0010 | 844 | 11 | 844 | 16 | 844 | 32 | 844 | 11 |
| sam.22 | 0.7841 | 0.0029 | 0.0788 | 0.0009 | 0.6282 | 0.0124 | 0.0578 | 0.0010 | 489 | 6 | 495 | 10 | 522 | 38 | 489 | 6 |
| sam.23 | 0.2893 | 0.0047 | 0.1247 | 0.0018 | 1.1146 | 0.0215 | 0.0648 | 0.0009 | 758 | 11 | 760 | 15 | 768 | 30 | 758 | 11 |
| sam.24 | 0.5805 | 0.0083 | 0.0754 | 0.0009 | 0.5917 | 0.0104 | 0.0570 | 0.0009 | 468 | 5 | 472 | 8 | 490 | 34 | 468 | 5 |
| sam.25 | 0.3742 | 0.0017 | 0.1817 | 0.0020 | 1.9439 | 0.0316 | 0.0776 | 0.0011 | 1076 | 12 | 1096 | 18 | 1137 | 28 | 1137 | 28 |
| sam.26 | 1.0667 | 0.0080 | 0.0676 | 0.0007 | 0.5149 | 0.0086 | 0.0553 | 0.0008 | 422 | 5 | 422 | 7 | 422 | 34 | 422 | 5 |
| sam.25 | 0.4899 | 0.0104 | 0.1269 | 0.0015 | 1.1446 | 0.0205 | 0.0654 | 0.0010 | 770 | 9 | 775 | 14 | 788 | 33 | 770 | 9 |
| sam.26 | 0.6774 | 0.0031 | 0.0682 | 0.0007 | 0.5241 | 0.0115 | 0.0557 | 0.0012 | 425 | 4 | 428 | 9 | 442 | 47 | 425 | 4 |
| sam.27 | 1.2516 | 0.0053 | 0.0600 | 0.0006 | 0.4524 | 0.0075 | 0.0547 | 0.0008 | 376 | 4 | 379 | 6 | 400 | 33 | 376 | 4 |
| sam.28 | 0.7276 | 0.0074 | 0.0761 | 0.0008 | 0.5960 | 0.0171 | 0.0568 | 0.0016 | 473 | 5 | 475 | 14 | 483 | 61 | 473 | 5 |
| sam.29 | 0.2223 | 0.0012 | 0.0676 | 0.0008 | 0.8361 | 0.0146 | 0.0897 | 0.0015 | 422 | 5 | 617 | 11 | 1419 | 33 | 422 | 5 |
| sam.30 | 0.8724 | 0.0033 | 0.0724 | 0.0008 | 0.5603 | 0.0091 | 0.0561 | 0.0008 | 451 | 5 | 452 | 7 | 456 | 32 | 451 | 5 |
| sam.31 | 1.0687 | 0.0038 | 0.0744 | 0.0008 | 0.5886 | 0.0107 | 0.0574 | 0.0009 | 463 | 5 | 470 | 9 | 506 | 35 | 463 | 5 |
| sam.32 | 0.7671 | 0.0023 | 0.0766 | 0.0009 | 0.6062 | 0.0117 | 0.0574 | 0.0010 | 476 | 5 | 481 | 9 | 506 | 37 | 476 | 5 |
| sam.33 | 1.3219 | 0.0020 | 0.0732 | 0.0008 | 0.5705 | 0.0104 | 0.0566 | 0.0009 | 455 | 5 | 458 | 8 | 474 | 36 | 455 | 5 |
| sam.35 | 1.1668 | 0.0022 | 0.0786 | 0.0009 | 0.6282 | 0.0113 | 0.0580 | 0.0010 | 488 | 6 | 495 | 9 | 528 | 37 | 488 | 6 |
| sam.36 | 0.6709 | 0.0062 | 0.0751 | 0.0009 | 0.5978 | 0.0105 | 0.0577 | 0.0009 | 467 | 6 | 476 | 8 | 519 | 33 | 467 | 6 |
| sam.37 | 0.0438 | 0.0006 | 0.0754 | 0.0009 | 0.5831 | 0.0100 | 0.0561 | 0.0008 | 469 | 5 | 466 | 8 | 456 | 34 | 469 | 5 |
| sam.38 | 1.1117 | 0.0127 | 0.0738 | 0.0008 | 0.5803 | 0.0104 | 0.0571 | 0.0009 | 459 | 5 | 465 | 8 | 494 | 36 | 459 | 5 |
| sam.39 | 0.4008 | 0.0019 | 0.0405 | 0.0005 | 0.2986 | 0.0049 | 0.0535 | 0.0008 | 256 | 3 | 265 | 4 | 348 | 34 | 256 | 3 |
| sam.40 | 0.6564 | 0.0010 | 0.0782 | 0.0009 | 0.6154 | 0.0107 | 0.0571 | 0.0009 | 485 | 6 | 487 | 8 | 494 | 36 | 485 | 6 |
| sam.41 | 1.1095 | 0.0132 | 0.1682 | 0.0019 | 1.7897 | 0.0318 | 0.0771 | 0.0012 | 1002 | 12 | 1042 | 18 | 1125 | 30 | 1125 | 30 |
| sam.42 | 0.2332 | 0.0012 | 0.1609 | 0.0018 | 2.4223 | 0.0408 | 0.1092 | 0.0015 | 962 | 11 | 1249 | 21 | 1786 | 26 | 1786 | 26 |
| sam.43 | 1.4311 | 0.0278 | 0.0677 | 0.0009 | 0.5279 | 0.0100 | 0.0565 | 0.0010 | 422 | 5 | 430 | 8 | 474 | 39 | 422 | 5 |
| sam.44 | 0.8116 | 0.0063 | 0.0804 | 0.0010 | 0.6383 | 0.0139 | 0.0576 | 0.0010 | 499 | 6 | 501 | 11 | 513 | 39 | 499 | 6 |
| sam.45 | 0.8191 | 0.0034 | 0.0794 | 0.0010 | 0.6311 | 0.0113 | 0.0577 | 0.0009 | 492 | 6 | 497 | 9 | 517 | 34 | 492 | 6 |
| sam.46 | 0.4752 | 0.0010 | 0.2479 | 0.0028 | 3.1672 | 0.0564 | 0.0927 | 0.0015 | 1428 | 16 | 1449 | 26 | 1481 | 30 | 1481 | 30 |
| sam.47 | 2.3623 | 0.0116 | 0.0433 | 0.0005 | 0.5456 | 0.0097 | 0.0915 | 0.0015 | 273 | 3 | 442 | 8 | 1457 | 31 | 273 | 3 |
| sam.48 | 0.1297 | 0.0012 | 0.0860 | 0.0012 | 0.6913 | 0.0125 | 0.0583 | 0.0009 | 532 | 7 | 534 | 10 | 541 | 32 | 532 | 7 |
| sam.49 | 0.6820 | 0.0056 | 0.1895 | 0.0020 | 2.0602 | 0.0365 | 0.0788 | 0.0013 | 1119 | 12 | 1136 | 20 | 1168 | 32 | 1168 | 32 |
| sam.50 | 0.9718 | 0.0023 | 0.0764 | 0.0009 | 0.5977 | 0.0105 | 0.0567 | 0.0009 | 475 | 5 | 476 | 8 | 482 | 34 | 475 | 5 |
| sam.51 | 0.3075 | 0.0019 | 0.0825 | 0.0009 | 0.6679 | 0.0119 | 0.0587 | 0.0009 | 511 | 6 | 519 | 9 | 558 | 35 | 511 | 6 |
| sam.52 | 0.7447 | 0.0232 | 0.0744 | 0.0008 | 0.5847 | 0.0203 | 0.0570 | 0.0020 | 463 | 5 | 467 | 16 | 490 | 76 | 463 | 5 |
| sam.53 | 0.8357 | 0.0022 | 0.0739 | 0.0009 | 0.5695 | 0.0135 | 0.0559 | 0.0012 | 460 | 6 | 458 | 11 | 447 | 49 | 460 | 6 |
| sam.54 | 0.6492 | 0.0067 | 0.0737 | 0.0008 | 0.5787 | 0.0096 | 0.0570 | 0.0008 | 458 | 5 | 464 | 8 | 490 | 33 | 458 | 5 |
| sam.55 | 1.0751 | 0.0061 | 0.0745 | 0.0009 | 0.5722 | 0.0167 | 0.0557 | 0.0015 | 463 | 5 | 459 | 13 | 440 | 60 | 463 | 5 |
| sam.56 | 0.4782 | 0.0022 | 0.0712 | 0.0008 | 0.5552 | 0.0118 | 0.0566 | 0.0011 | 443 | 5 | 448 | 9 | 475 | 44 | 443 | 5 |
| sam.57 | 0.4743 | 0.0034 | 0.0715 | 0.0008 | 0.5509 | 0.0093 | 0.0559 | 0.0008 | 445 | 5 | 446 | 8 | 448 | 33 | 445 | 5 |
| sam.58 | 0.4016 | 0.0037 | 0.1167 | 0.0014 | 1.3099 | 0.0278 | 0.0814 | 0.0017 | 711 | 8 | 850 | 18 | 1232 | 41 | 711 | 8 |
| sam.59 | 0.8946 | 0.0041 | 0.0812 | 0.0010 | 0.6481 | 0.0158 | 0.0579 | 0.0013 | 503 | 6 | 507 | 12 | 526 | 49 | 503 | 6 |
| sam.60 | 0.8328 | 0.0053 | 0.0807 | 0.0009 | 0.6444 | 0.0144 | 0.0579 | 0.0012 | 500 | 6 | 505 | 11 | 527 | 45 | 500 | 6 |
| sam.61 | 0.2408 | 0.0035 | 0.3482 | 0.0047 | 5.6870 | 0.1024 | 0.1185 | 0.0017 | 1926 | 26 | 1929 | 35 | 1933 | 25 | 1933 | 25 |
| sam.62 | 0.7819 | 0.0142 | 0.0734 | 0.0008 | 0.5739 | 0.0095 | 0.0567 | 0.0008 | 457 | 5 | 461 | 8 | 479 | 32 | 457 | 5 |
| sam.63 | 0.3829 | 0.0014 | 0.1307 | 0.0023 | 1.4387 | 0.0300 | 0.0799 | 0.0011 | 792 | 14 | 905 | 19 | 1194 | 28 | 792 | 14 |
| sam.64 | 1.8434 | 0.0117 | 0.0399 | 0.0004 | 0.4362 | 0.0073 | 0.0793 | 0.0012 | 252 | 3 | 368 | 6 | 1179 | 29 | 252 | 3 |
| sam.65 | 0.3664 | 0.0127 | 0.3053 | 0.0039 | 4.4089 | 0.0813 | 0.1047 | 0.0015 | 1717 | 22 | 1714 | 32 | 1710 | 27 | 1710 | 27 |
| sam.66 | 0.9303 | 0.0015 | 0.0782 | 0.0009 | 0.6240 | 0.0115 | 0.0579 | 0.0010 | 485 | 5 | 492 | 9 | 525 | 37 | 485 | 5 |
| sam.67 | 0.7978 | 0.0064 | 0.0768 | 0.0008 | 0.6082 | 0.0116 | 0.0575 | 0.0010 | 477 | 5 | 482 | 9 | 509 | 38 | 477 | 5 |
| sam.68 | 0.7106 | 0.0043 | 0.0418 | 0.0005 | 0.2990 | 0.0111 | 0.0518 | 0.0018 | 264 | 3 | 266 | 10 | 279 | 81 | 264 | 3 |
| sam.69 | 0.1983 | 0.0033 | 0.1017 | 0.0011 | 0.8493 | 0.0139 | 0.0606 | 0.0009 | 624 | 7 | 624 | 10 | 624 | 31 | 624 | 7 |
| sam.70 | 0.7464 | 0.0019 | 0.0766 | 0.0008 | 0.6069 | 0.0103 | 0.0575 | 0.0009 | 476 | 5 | 482 | 8 | 510 | 33 | 476 | 5 |
| sam.71 | 0.9447 | 0.0030 | 0.1798 | 0.0019 | 1.9416 | 0.0312 | 0.0783 | 0.0011 | 1066 | 11 | 1096 | 18 | 1155 | 28 | 1155 | 28 |
| sam.72 | 0.6028 | 0.0027 | 0.1830 | 0.0022 | 1.9377 | 0.0345 | 0.0768 | 0.0012 | 1083 | 13 | 1094 | 19 | 1116 | 30 | 1116 | 30 |
| sam.73 | 1.0651 | 0.0014 | 0.0762 | 0.0008 | 0.6054 | 0.0118 | 0.0576 | 0.0010 | 473 | 5 | 481 | 9 | 516 | 39 | 473 | 5 |
| sam.74 | 0.3742 | 0.0033 | 0.3180 | 0.0036 | 4.7933 | 0.0785 | 0.1093 | 0.0015 | 1780 | 20 | 1784 | 29 | 1788 | 26 | 1788 | 26 |
| sam.75 | 0.1816 | 0.0013 | 0.0725 | 0.0008 | 0.5602 | 0.0094 | 0.0560 | 0.0008 | 451 | 5 | 452 | 8 | 453 | 32 | 451 | 5 |
| sam.76 | 0.3280 | 0.0016 | 0.0624 | 0.0007 | 0.4736 | 0.0083 | 0.0550 | 0.0008 | 390 | 5 | 394 | 7 | 413 | 34 | 390 | 5 |
| sam.77 | 0.1028 | 0.0030 | 0.0774 | 0.0008 | 0.6054 | 0.0097 | 0.0568 | 0.0008 | 480 | 5 | 481 | 8 | 482 | 32 | 480 | 5 |
| sam.78 | 0.8503 | 0.0031 | 0.0626 | 0.0007 | 0.4721 | 0.0081 | 0.0547 | 0.0008 | 391 | 4 | 393 | 7 | 400 | 34 | 391 | 4 |
| sam.79 | 1.0836 | 0.0071 | 0.0735 | 0.0008 | 0.5696 | 0.0103 | 0.0562 | 0.0009 | 457 | 5 | 458 | 8 | 462 | 36 | 457 | 5 |
| sam.80 | 0.9117 | 0.0008 | 0.0711 | 0.0008 | 0.5591 | 0.0096 | 0.0570 | 0.0009 | 443 | 5 | 451 | 8 | 493 | 34 | 443 | 5 |
| sam.81 | 0.7617 | 0.0012 | 0.0746 | 0.0008 | 0.5788 | 0.0104 | 0.0563 | 0.0009 | 464 | 5 | 464 | 8 | 464 | 35 | 464 | 5 |
| sam.82 | 0.4673 | 0.0010 | 0.0595 | 0.0007 | 0.4529 | 0.0075 | 0.0552 | 0.0008 | 372 | 5 | 379 | 6 | 422 | 32 | 372 | 5 |
| sam.83 | 0.6493 | 0.0041 | 0.0765 | 0.0008 | 0.6095 | 0.0108 | 0.0578 | 0.0009 | 475 | 5 | 483 | 9 | 522 | 34 | 475 | 5 |
| sam.84 | 0.7468 | 0.0041 | 0.1796 | 0.0019 | 1.8507 | 0.0305 | 0.0747 | 0.0011 | 1065 | 12 | 1064 | 18 | 1061 | 30 | 1061 | 30 |
| sam.85 | 1.0683 | 0.0074 | 0.1203 | 0.0014 | 1.0823 | 0.0204 | 0.0653 | 0.0011 | 732 | 8 | 745 | 14 | 783 | 35 | 732 | 8 |
| sam.86 | 0.7005 | 0.0033 | 0.1558 | 0.0017 | 1.6361 | 0.0279 | 0.0762 | 0.0012 | 933 | 10 | 984 | 17 | 1100 | 31 | 1100 | 31 |
| sam.87 | 0.3657 | 0.0039 | 0.1385 | 0.0015 | 1.2778 | 0.0242 | 0.0669 | 0.0012 | 836 | 9 | 836 | 16 | 836 | 36 | 836 | 9 |
| sam.88 | 0.7733 | 0.0039 | 0.3280 | 0.0040 | 5.0299 | 0.0869 | 0.1112 | 0.0016 | 1829 | 22 | 1824 | 32 | 1820 | 27 | 1820 | 27 |
| sam.89 | 0.3445 | 0.0111 | 0.0651 | 0.0007 | 0.5002 | 0.0087 | 0.0557 | 0.0009 | 406 | 5 | 412 | 7 | 442 | 35 | 406 | 5 |
| sam.90 | 0.4046 | 0.0020 | 0.2463 | 0.0027 | 3.0366 | 0.0514 | 0.0894 | 0.0014 | 1419 | 15 | 1417 | 24 | 1413 | 29 | 1413 | 29 |
| sam.91 | 1.0100 | 0.0063 | 0.0756 | 0.0008 | 0.6011 | 0.0118 | 0.0577 | 0.0010 | 470 | 5 | 478 | 9 | 518 | 39 | 470 | 5 |
| sam.92 | 0.6362 | 0.0103 | 0.0612 | 0.0008 | 0.4589 | 0.0078 | 0.0544 | 0.0008 | 383 | 5 | 384 | 7 | 388 | 32 | 383 | 5 |
| sam.93 | 0.6000 | 0.0075 | 0.0782 | 0.0009 | 0.6204 | 0.0121 | 0.0575 | 0.0010 | 486 | 6 | 490 | 10 | 512 | 39 | 486 | 6 |
| sam.94 | 0.5684 | 0.0026 | 0.0786 | 0.0009 | 0.6277 | 0.0140 | 0.0579 | 0.0012 | 488 | 6 | 495 | 11 | 527 | 44 | 488 | 6 |
| sam.95 | 0.3018 | 0.0042 | 0.1234 | 0.0013 | 1.0982 | 0.0183 | 0.0645 | 0.0009 | 750 | 8 | 752 | 13 | 760 | 31 | 750 | 8 |
| sam.96 | 0.8316 | 0.0040 | 0.0761 | 0.0008 | 0.6042 | 0.0121 | 0.0576 | 0.0011 | 473 | 5 | 480 | 10 | 515 | 40 | 473 | 5 |
| sam.97 | 0.3919 | 0.0005 | 0.1855 | 0.0021 | 1.9996 | 0.0325 | 0.0782 | 0.0011 | 1097 | 12 | 1115 | 18 | 1152 | 28 | 1152 | 28 |
| sam.98 | 0.5185 | 0.0061 | 0.0627 | 0.0011 | 0.4730 | 0.0094 | 0.0547 | 0.0010 | 392 | 7 | 393 | 8 | 400 | 39 | 392 | 7 |
| sam.99 | 0.7331 | 0.0024 | 0.0720 | 0.0008 | 0.5553 | 0.0093 | 0.0559 | 0.0008 | 448 | 5 | 448 | 8 | 449 | 33 | 448 | 5 |
| sam.100 | 0.4168 | 0.0019 | 0.1066 | 0.0012 | 0.9035 | 0.0163 | 0.0615 | 0.0010 | 653 | 7 | 654 | 12 | 657 | 35 | 653 | 7 |
| Triassic Naocangjiangou Formation sample WC071015-2 | | | | | | | | | | | | | | | | |
| sam.01 | 1.1949 | 0.0073 | 0.0391 | 0.0005 | 0.2817 | 0.0145 | 0.0522 | 0.0026 | 247 | 3 | 252 | 13 | 295 | 114 | 247 | 3 |
| sam.02 | 0.9754 | 0.0049 | 0.0394 | 0.0004 | 0.2863 | 0.0062 | 0.0527 | 0.0011 | 249 | 3 | 256 | 6 | 315 | 46 | 249 | 3 |
| sam.03 | 0.7059 | 0.0075 | 0.3231 | 0.0049 | 6.9189 | 0.1178 | 0.1553 | 0.0019 | 1805 | 28 | 2101 | 36 | 2405 | 21 | 2405 | 21 |
| sam.04 | 0.6696 | 0.0042 | 0.0387 | 0.0004 | 0.2770 | 0.0059 | 0.0519 | 0.0010 | 245 | 3 | 248 | 5 | 280 | 46 | 245 | 3 |
| sam.05 | 0.5135 | 0.0022 | 0.2005 | 0.0036 | 4.0763 | 0.0949 | 0.1474 | 0.0020 | 1178 | 21 | 1650 | 38 | 2316 | 23 | 2316 | 23 |
| sam.06 | 1.1833 | 0.0214 | 0.0627 | 0.0007 | 0.4833 | 0.0075 | 0.0559 | 0.0008 | 392 | 4 | 400 | 6 | 448 | 31 | 392 | 4 |
| sam.07 | 0.5196 | 0.0048 | 0.1221 | 0.0014 | 1.0800 | 0.0177 | 0.0642 | 0.0009 | 743 | 9 | 744 | 12 | 747 | 30 | 743 | 9 |
| sam.08 | 0.7442 | 0.0069 | 0.0386 | 0.0004 | 0.2828 | 0.0090 | 0.0531 | 0.0017 | 244 | 3 | 253 | 8 | 333 | 71 | 244 | 3 |
| sam.09 | 0.7760 | 0.0065 | 0.0654 | 0.0008 | 0.5105 | 0.0084 | 0.0566 | 0.0009 | 409 | 5 | 419 | 7 | 475 | 34 | 409 | 5 |
| sam.10 | 1.0821 | 0.0046 | 0.0384 | 0.0005 | 0.2679 | 0.0207 | 0.0506 | 0.0036 | 243 | 3 | 241 | 19 | 223 | 166 | 243 | 3 |
| sam.11 | 0.3896 | 0.0020 | 0.0882 | 0.0012 | 0.8349 | 0.0191 | 0.0687 | 0.0011 | 545 | 8 | 616 | 14 | 888 | 32 | 545 | 8 |
| sam.12 | 0.8674 | 0.0110 | 0.0383 | 0.0005 | 0.2698 | 0.0256 | 0.0511 | 0.0047 | 242 | 3 | 243 | 23 | 244 | 212 | 242 | 3 |
| sam.13 | 0.2092 | 0.0011 | 0.1457 | 0.0016 | 1.3842 | 0.0203 | 0.0689 | 0.0009 | 877 | 10 | 882 | 13 | 895 | 27 | 877 | 10 |
| sam.14 | 0.6432 | 0.0044 | 0.0636 | 0.0007 | 0.4826 | 0.0166 | 0.0550 | 0.0020 | 398 | 5 | 400 | 14 | 412 | 81 | 398 | 5 |
| sam.15 | 0.7106 | 0.0012 | 0.0385 | 0.0004 | 0.2765 | 0.0060 | 0.0521 | 0.0011 | 244 | 3 | 248 | 5 | 288 | 47 | 244 | 3 |
| sam.16 | 0.2882 | 0.0027 | 0.1244 | 0.0015 | 1.1160 | 0.0199 | 0.0651 | 0.0010 | 756 | 9 | 761 | 14 | 776 | 31 | 756 | 9 |
| sam.19 | 0.2596 | 0.0020 | 0.1471 | 0.0017 | 1.4114 | 0.0219 | 0.0696 | 0.0009 | 885 | 10 | 894 | 14 | 916 | 27 | 885 | 10 |
| sam.20 | 0.4892 | 0.0066 | 0.0402 | 0.0005 | 0.2861 | 0.0115 | 0.0517 | 0.0020 | 254 | 3 | 255 | 10 | 271 | 90 | 254 | 3 |
| sam.21 | 0.2828 | 0.0006 | 0.1230 | 0.0015 | 1.3917 | 0.0213 | 0.0820 | 0.0013 | 748 | 9 | 885 | 14 | 1246 | 32 | 748 | 9 |
| sam.22 | 0.6406 | 0.0058 | 0.0390 | 0.0004 | 0.5324 | 0.0083 | 0.0991 | 0.0014 | 246 | 3 | 433 | 7 | 1607 | 26 | 246 | 3 |
| sam.23 | 0.6322 | 0.0014 | 0.0639 | 0.0007 | 0.4848 | 0.0074 | 0.0550 | 0.0007 | 399 | 5 | 401 | 6 | 413 | 30 | 399 | 5 |
| sam.24 | 0.8862 | 0.0074 | 0.0387 | 0.0004 | 0.2765 | 0.0144 | 0.0519 | 0.0025 | 245 | 3 | 248 | 13 | 279 | 109 | 245 | 3 |
| sam.25 | 0.8861 | 0.0021 | 0.0626 | 0.0007 | 0.4809 | 0.0070 | 0.0557 | 0.0007 | 391 | 4 | 399 | 6 | 442 | 29 | 391 | 4 |
| sam.26 | 0.4523 | 0.0017 | 0.1048 | 0.0012 | 1.0120 | 0.0149 | 0.0700 | 0.0009 | 642 | 7 | 710 | 10 | 929 | 27 | 642 | 7 |
| sam.25 | 0.4016 | 0.0020 | 0.1233 | 0.0014 | 1.1130 | 0.0157 | 0.0655 | 0.0008 | 749 | 8 | 760 | 11 | 790 | 26 | 749 | 8 |
| sam.26 | 0.5501 | 0.0065 | 0.1225 | 0.0015 | 1.2181 | 0.0196 | 0.0721 | 0.0010 | 745 | 9 | 809 | 13 | 989 | 28 | 745 | 9 |
| sam.27 | 0.8941 | 0.0072 | 0.3008 | 0.0033 | 5.8549 | 0.0805 | 0.1412 | 0.0017 | 1695 | 19 | 1955 | 27 | 2242 | 21 | 2242 | 21 |
| sam.28 | 0.6246 | 0.0072 | 0.0382 | 0.0004 | 0.2759 | 0.0048 | 0.0525 | 0.0008 | 241 | 3 | 247 | 4 | 305 | 36 | 241 | 3 |
| sam.29 | 0.6236 | 0.0021 | 0.1465 | 0.0017 | 1.3892 | 0.0209 | 0.0688 | 0.0009 | 881 | 10 | 884 | 13 | 892 | 27 | 881 | 10 |
| sam.30 | 1.3402 | 0.0071 | 0.0629 | 0.0008 | 0.6171 | 0.0146 | 0.0712 | 0.0014 | 393 | 5 | 488 | 12 | 962 | 40 | 393 | 5 |
| sam.31 | 1.1138 | 0.0079 | 0.0388 | 0.0004 | 0.2718 | 0.0060 | 0.0508 | 0.0010 | 246 | 3 | 244 | 5 | 231 | 48 | 246 | 3 |
| sam.32 | 1.0709 | 0.0055 | 0.1224 | 0.0014 | 1.0713 | 0.0210 | 0.0635 | 0.0011 | 744 | 9 | 739 | 15 | 724 | 38 | 744 | 9 |
| sam.33 | 0.0972 | 0.0009 | 0.0535 | 0.0007 | 0.4243 | 0.0080 | 0.0576 | 0.0011 | 336 | 4 | 359 | 7 | 514 | 40 | 336 | 4 |
| sam.34 | 0.7307 | 0.0025 | 0.0394 | 0.0005 | 0.2833 | 0.0067 | 0.0521 | 0.0010 | 249 | 3 | 253 | 6 | 291 | 46 | 249 | 3 |
| sam.35 | 0.7473 | 0.0031 | 0.0381 | 0.0004 | 0.2715 | 0.0127 | 0.0516 | 0.0024 | 241 | 3 | 244 | 11 | 269 | 106 | 241 | 3 |
| sam.36 | 0.4696 | 0.0030 | 0.0406 | 0.0005 | 0.2899 | 0.0122 | 0.0518 | 0.0021 | 257 | 3 | 258 | 11 | 275 | 94 | 257 | 3 |
| sam.37 | 0.6071 | 0.0043 | 0.3126 | 0.0038 | 4.8428 | 0.0720 | 0.1124 | 0.0013 | 1753 | 22 | 1792 | 27 | 1838 | 22 | 1838 | 22 |
| sam.38 | 0.8338 | 0.0032 | 0.0386 | 0.0004 | 0.2812 | 0.0047 | 0.0528 | 0.0008 | 244 | 3 | 252 | 4 | 320 | 35 | 244 | 3 |
| sam.39 | 0.8026 | 0.0022 | 0.0399 | 0.0005 | 0.2863 | 0.0066 | 0.0520 | 0.0010 | 253 | 3 | 256 | 6 | 284 | 44 | 253 | 3 |
| sam.40 | 0.6601 | 0.0023 | 0.0648 | 0.0007 | 0.4894 | 0.0115 | 0.0548 | 0.0012 | 405 | 5 | 404 | 10 | 404 | 49 | 405 | 5 |
| sam.41 | 0.7392 | 0.0029 | 0.0636 | 0.0007 | 0.6266 | 0.0115 | 0.0714 | 0.0012 | 398 | 4 | 494 | 9 | 970 | 34 | 398 | 4 |
| sam.42 | 0.5392 | 0.0024 | 0.0609 | 0.0007 | 0.4628 | 0.0132 | 0.0551 | 0.0015 | 381 | 4 | 386 | 11 | 416 | 61 | 381 | 4 |
| sam.43 | 0.4037 | 0.0015 | 0.2087 | 0.0024 | 2.9612 | 0.0424 | 0.1029 | 0.0013 | 1222 | 14 | 1398 | 20 | 1677 | 23 | 1677 | 23 |
| sam.44 | 1.2073 | 0.0051 | 0.0697 | 0.0009 | 1.1493 | 0.0348 | 0.1196 | 0.0028 | 434 | 6 | 777 | 24 | 1951 | 42 | 1951 | 42 |
| sam.45 | 0.9275 | 0.0106 | 0.0386 | 0.0004 | 0.2694 | 0.0073 | 0.0507 | 0.0013 | 244 | 3 | 242 | 7 | 226 | 61 | 244 | 3 |
| sam.46 | 0.9214 | 0.0037 | 0.0628 | 0.0007 | 0.4810 | 0.0077 | 0.0556 | 0.0008 | 393 | 4 | 399 | 6 | 435 | 32 | 393 | 4 |
| sam.47 | 0.4707 | 0.0018 | 0.0647 | 0.0007 | 0.4925 | 0.0085 | 0.0552 | 0.0009 | 404 | 4 | 407 | 7 | 420 | 36 | 404 | 4 |
| sam.48 | 0.9319 | 0.0134 | 0.0389 | 0.0005 | 0.2714 | 0.0098 | 0.0506 | 0.0018 | 246 | 3 | 244 | 9 | 223 | 80 | 246 | 3 |
| sam.49 | 0.9155 | 0.0083 | 0.0389 | 0.0004 | 0.2735 | 0.0142 | 0.0509 | 0.0026 | 246 | 3 | 245 | 13 | 238 | 117 | 246 | 3 |
| sam.50 | 0.5703 | 0.0042 | 0.0652 | 0.0008 | 0.4947 | 0.0095 | 0.0551 | 0.0009 | 407 | 5 | 408 | 8 | 415 | 38 | 407 | 5 |
| sam.51 | 1.2224 | 0.0048 | 0.0384 | 0.0005 | 0.4869 | 0.0203 | 0.0921 | 0.0034 | 243 | 3 | 403 | 17 | 1469 | 70 | 243 | 3 |
| sam.52 | 0.7862 | 0.0059 | 0.0385 | 0.0004 | 0.3076 | 0.0056 | 0.0580 | 0.0010 | 243 | 3 | 272 | 5 | 531 | 36 | 243 | 3 |
| sam.53 | 0.6217 | 0.0097 | 0.0390 | 0.0005 | 0.2742 | 0.0050 | 0.0510 | 0.0009 | 247 | 3 | 246 | 4 | 241 | 39 | 247 | 3 |
| sam.54 | 0.5782 | 0.0013 | 0.0396 | 0.0005 | 0.2863 | 0.0054 | 0.0524 | 0.0009 | 251 | 3 | 256 | 5 | 302 | 39 | 251 | 3 |
| sam.55 | 0.8394 | 0.0016 | 0.2720 | 0.0034 | 3.6235 | 0.0549 | 0.0966 | 0.0012 | 1551 | 19 | 1555 | 24 | 1560 | 23 | 1560 | 23 |
| sam.56 | 0.8031 | 0.0033 | 0.2460 | 0.0029 | 3.4898 | 0.0508 | 0.1029 | 0.0013 | 1418 | 17 | 1525 | 22 | 1677 | 23 | 1677 | 23 |
| sam.57 | 0.9330 | 0.0035 | 0.2301 | 0.0026 | 3.6210 | 0.0531 | 0.1141 | 0.0015 | 1335 | 15 | 1554 | 23 | 1866 | 23 | 1866 | 23 |
| sam.58 | 0.2454 | 0.0021 | 0.1449 | 0.0017 | 1.3809 | 0.0206 | 0.0691 | 0.0009 | 872 | 10 | 881 | 13 | 902 | 27 | 872 | 10 |
| sam.59 | 0.4612 | 0.0060 | 0.1845 | 0.0022 | 1.9386 | 0.0288 | 0.0762 | 0.0010 | 1091 | 13 | 1095 | 16 | 1101 | 25 | 1101 | 25 |
| sam.60 | 0.4646 | 0.0040 | 0.1466 | 0.0016 | 1.3957 | 0.0201 | 0.0690 | 0.0009 | 882 | 10 | 887 | 13 | 900 | 26 | 882 | 10 |
| sam.61 | 0.5694 | 0.0022 | 0.0642 | 0.0007 | 0.4923 | 0.0099 | 0.0556 | 0.0011 | 401 | 4 | 407 | 8 | 436 | 43 | 401 | 4 |
| sam.62 | 0.4108 | 0.0027 | 0.0730 | 0.0008 | 0.5705 | 0.0106 | 0.0567 | 0.0009 | 454 | 5 | 458 | 8 | 480 | 35 | 454 | 5 |
| sam.63 | 0.3354 | 0.0030 | 0.2084 | 0.0030 | 2.9624 | 0.0558 | 0.1031 | 0.0013 | 1220 | 18 | 1398 | 26 | 1681 | 24 | 1681 | 24 |
| sam.64 | 0.2153 | 0.0038 | 0.1470 | 0.0018 | 1.4537 | 0.0233 | 0.0717 | 0.0009 | 884 | 11 | 911 | 15 | 979 | 26 | 884 | 11 |
| sam.65 | 0.6359 | 0.0040 | 0.0382 | 0.0004 | 0.2744 | 0.0060 | 0.0521 | 0.0011 | 241 | 3 | 246 | 5 | 292 | 47 | 241 | 3 |
| sam.66 | 0.5663 | 0.0019 | 0.0386 | 0.0004 | 0.2716 | 0.0056 | 0.0511 | 0.0010 | 244 | 3 | 244 | 5 | 245 | 43 | 244 | 3 |
| sam.67 | 0.6172 | 0.0015 | 0.0383 | 0.0004 | 0.3234 | 0.0053 | 0.0613 | 0.0009 | 242 | 3 | 284 | 5 | 648 | 32 | 242 | 3 |
| sam.68 | 0.0717 | 0.0002 | 0.0749 | 0.0008 | 0.6523 | 0.0097 | 0.0631 | 0.0008 | 466 | 5 | 510 | 8 | 712 | 27 | 466 | 5 |
| sam.69 | 1.3564 | 0.0208 | 0.0380 | 0.0004 | 0.2757 | 0.0061 | 0.0526 | 0.0011 | 241 | 3 | 247 | 5 | 311 | 47 | 241 | 3 |
| sam.70 | 0.6500 | 0.0077 | 0.1845 | 0.0025 | 2.3555 | 0.0383 | 0.0926 | 0.0011 | 1091 | 15 | 1229 | 20 | 1480 | 23 | 1480 | 23 |
| sam.71 | 0.9579 | 0.0050 | 0.3094 | 0.0036 | 5.1034 | 0.0796 | 0.1196 | 0.0016 | 1738 | 20 | 1837 | 29 | 1951 | 24 | 1951 | 24 |
| sam.72 | 0.4285 | 0.0008 | 0.1439 | 0.0016 | 1.3652 | 0.0376 | 0.0688 | 0.0018 | 867 | 10 | 874 | 24 | 893 | 55 | 867 | 10 |
| sam.73 | 0.9286 | 0.0017 | 0.0384 | 0.0004 | 0.4104 | 0.0129 | 0.0776 | 0.0023 | 243 | 3 | 349 | 11 | 1136 | 58 | 243 | 3 |
| sam.74 | 0.6991 | 0.0045 | 0.3884 | 0.0045 | 8.4753 | 0.1227 | 0.1583 | 0.0019 | 2115 | 25 | 2283 | 33 | 2437 | 21 | 2437 | 21 |
| sam.75 | 0.8783 | 0.0041 | 0.0391 | 0.0004 | 0.2770 | 0.0098 | 0.0514 | 0.0016 | 247 | 3 | 248 | 9 | 257 | 73 | 247 | 3 |
| sam.76 | 0.6473 | 0.0035 | 0.0400 | 0.0005 | 0.2866 | 0.0061 | 0.0520 | 0.0010 | 253 | 3 | 256 | 5 | 287 | 45 | 253 | 3 |
| sam.77 | 1.3728 | 0.0036 | 0.0383 | 0.0004 | 0.2687 | 0.0091 | 0.0509 | 0.0016 | 242 | 3 | 242 | 8 | 234 | 75 | 242 | 3 |
| sam.78 | 0.6359 | 0.0030 | 0.1472 | 0.0017 | 1.3895 | 0.0196 | 0.0684 | 0.0008 | 885 | 10 | 885 | 12 | 882 | 25 | 885 | 10 |
| sam.79 | 0.2593 | 0.0017 | 0.1524 | 0.0019 | 1.6344 | 0.0259 | 0.0778 | 0.0010 | 914 | 11 | 984 | 16 | 1142 | 25 | 914 | 11 |
| sam.80 | 0.7716 | 0.0063 | 0.0707 | 0.0008 | 0.5552 | 0.0120 | 0.0569 | 0.0011 | 441 | 5 | 448 | 10 | 488 | 42 | 441 | 5 |
| sam.81 | 1.0007 | 0.0058 | 0.0502 | 0.0006 | 0.3989 | 0.0088 | 0.0576 | 0.0011 | 316 | 4 | 341 | 8 | 516 | 41 | 316 | 4 |
| sam.82 | 0.7354 | 0.0043 | 0.0713 | 0.0009 | 0.5506 | 0.0085 | 0.0560 | 0.0008 | 444 | 5 | 445 | 7 | 454 | 30 | 444 | 5 |
| sam.83 | 1.5783 | 0.0043 | 0.0609 | 0.0007 | 0.9919 | 0.0272 | 0.1182 | 0.0030 | 381 | 4 | 700 | 19 | 1929 | 46 | / | / |
| sam.84 | 0.0628 | 0.0004 | 0.0718 | 0.0008 | 0.5906 | 0.0103 | 0.0597 | 0.0010 | 447 | 5 | 471 | 8 | 591 | 36 | 447 | 5 |
| sam.85 | 0.7658 | 0.0025 | 0.0711 | 0.0008 | 0.5547 | 0.0156 | 0.0566 | 0.0014 | 443 | 5 | 448 | 13 | 477 | 55 | 443 | 5 |
| sam.86 | 0.9688 | 0.0039 | 0.0398 | 0.0004 | 0.3030 | 0.0056 | 0.0553 | 0.0010 | 251 | 3 | 269 | 5 | 423 | 39 | 251 | 3 |
| sam.87 | 0.1090 | 0.0005 | 0.0630 | 0.0007 | 0.4837 | 0.0078 | 0.0557 | 0.0008 | 394 | 4 | 401 | 6 | 441 | 33 | 394 | 4 |
| sam.88 | 0.7125 | 0.0328 | 0.0396 | 0.0005 | 0.2803 | 0.0136 | 0.0513 | 0.0024 | 251 | 3 | 251 | 12 | 254 | 109 | 251 | 3 |
| sam.89 | 2.4401 | 0.0143 | 0.1227 | 0.0015 | 1.0872 | 0.0188 | 0.0643 | 0.0010 | 746 | 9 | 747 | 13 | 751 | 32 | 746 | 9 |
| sam.90 | 1.1861 | 0.0069 | 0.0609 | 0.0007 | 0.6102 | 0.0119 | 0.0727 | 0.0014 | 381 | 4 | 484 | 9 | 1006 | 38 | 381 | 4 |
| sam.91 | 0.5795 | 0.0003 | 0.0732 | 0.0008 | 0.5786 | 0.0087 | 0.0573 | 0.0008 | 455 | 5 | 464 | 7 | 505 | 30 | 455 | 5 |
| sam.92 | 0.6240 | 0.0055 | 0.0399 | 0.0005 | 0.5110 | 0.0155 | 0.0930 | 0.0025 | 252 | 3 | 419 | 13 | 1487 | 51 | 252 | 3 |
| sam.93 | 0.9900 | 0.0054 | 0.0384 | 0.0004 | 0.2772 | 0.0116 | 0.0524 | 0.0021 | 243 | 3 | 248 | 10 | 302 | 93 | 243 | 3 |
| sam.94 | 0.7830 | 0.0032 | 0.0387 | 0.0005 | 0.2763 | 0.0053 | 0.0518 | 0.0009 | 245 | 3 | 248 | 5 | 275 | 40 | 245 | 3 |
| sam.95 | 0.8340 | 0.0057 | 0.1528 | 0.0019 | 1.6583 | 0.0242 | 0.0787 | 0.0010 | 917 | 11 | 993 | 15 | 1165 | 24 | 917 | 11 |
| sam.96 | 0.5007 | 0.0024 | 0.1255 | 0.0014 | 1.2551 | 0.0189 | 0.0725 | 0.0010 | 762 | 8 | 826 | 12 | 1000 | 28 | 762 | 8 |
| sam.97 | 1.1576 | 0.0049 | 0.0400 | 0.0005 | 0.2871 | 0.0069 | 0.0520 | 0.0011 | 253 | 3 | 256 | 6 | 286 | 47 | 253 | 3 |
| sam.98 | 0.6289 | 0.0038 | 0.0626 | 0.0007 | 0.4741 | 0.0103 | 0.0549 | 0.0011 | 391 | 4 | 394 | 9 | 410 | 45 | 391 | 4 |
| sam.99 | 0.6563 | 0.0084 | 0.0380 | 0.0004 | 0.2769 | 0.0047 | 0.0528 | 0.0008 | 241 | 3 | 248 | 4 | 321 | 35 | 241 | 3 |
| sam.100 | 0.6104 | 0.0018 | 0.0613 | 0.0007 | 0.6482 | 0.0099 | 0.0766 | 0.0011 | 384 | 4 | 507 | 8 | 1112 | 29 | 384 | 4 |
| Jurassic Yangqu Formation sample WC070514-2 | | | | | | | | | | | | | | | | |
| sam.01 | 0.684932 | 0.01 | 0.03652 | 0.0004 | 0.26241 | 0.01381 | 0.05225 | 0.00282 | 231 | 2 | 237 | 11 | 296 | 101 | 231 | 2 |
| sam.02 | 0.436681 | 0.02 | 0.03815 | 0.00036 | 0.285 | 0.011 | 0.05431 | 0.00218 | 241 | 2 | 255 | 9 | 384 | 70 | 241 | 2 |
| sam.03 | 0.330033 | 0.03 | 0.0369 | 0.00044 | 0.27593 | 0.01526 | 0.05437 | 0.00308 | 234 | 3 | 247 | 12 | 386 | 103 | 234 | 3 |
| sam.04 | 0.381679 | 0.03 | 0.03628 | 0.00032 | 0.24152 | 0.0088 | 0.0484 | 0.00183 | 230 | 2 | 220 | 7 | 119 | 68 | 230 | 2 |
| sam.05 | 0.416667 | 0.02 | 0.03919 | 0.00043 | 0.27486 | 0.01479 | 0.05099 | 0.00281 | 248 | 3 | 247 | 12 | 240 | 104 | 248 | 3 |
| sam.06 | 1.25 | 0.01 | 0.04377 | 0.00041 | 0.31723 | 0.01161 | 0.05268 | 0.00201 | 276 | 3 | 280 | 9 | 315 | 66 | 276 | 3 |
| sam.07 | 0.980392 | 0.01 | 0.03879 | 0.00042 | 0.2743 | 0.01443 | 0.0514 | 0.00277 | 245 | 3 | 246 | 11 | 259 | 102 | 245 | 3 |
| sam.08 | 0.456621 | 0.02 | 0.03974 | 0.00036 | 0.28295 | 0.01067 | 0.05176 | 0.00203 | 251 | 2 | 253 | 8 | 275 | 70 | 251 | 2 |
| sam.09 | 0.209205 | 0.05 | 0.12106 | 0.00106 | 1.10668 | 0.0282 | 0.06645 | 0.00181 | 737 | 6 | 757 | 14 | 821 | 38 | 737 | 6 |
| sam.10 | 0.46729 | 0.02 | 0.03912 | 0.0004 | 0.26678 | 0.01291 | 0.04957 | 0.00246 | 247 | 2 | 240 | 10 | 175 | 93 | 247 | 2 |
| sam.11 | 1.408451 | 0.01 | 0.03721 | 0.00028 | 0.27714 | 0.00696 | 0.05413 | 0.00146 | 236 | 2 | 248 | 6 | 376 | 43 | 236 | 2 |
| sam.12 | 0.184843 | 0.05 | 0.06378 | 0.00052 | 0.48777 | 0.01491 | 0.05547 | 0.00176 | 399 | 3 | 403 | 10 | 431 | 72 | 399 | 3 |
| sam.13 | 0.591716 | 0.02 | 0.04056 | 0.00039 | 0.2878 | 0.01254 | 0.05156 | 0.00232 | 256 | 2 | 257 | 10 | 266 | 83 | 256 | 2 |
| sam.14 | 0.537634 | 0.02 | 0.04142 | 0.00039 | 0.29529 | 0.01185 | 0.05181 | 0.00215 | 262 | 2 | 263 | 9 | 277 | 75 | 262 | 2 |
| sam.15 | 0.393701 | 0.03 | 0.03849 | 0.00036 | 0.26192 | 0.01135 | 0.04944 | 0.00221 | 243 | 2 | 236 | 9 | 169 | 84 | 243 | 2 |
| sam.16 | 0.423729 | 0.02 | 0.04008 | 0.00041 | 0.28052 | 0.01328 | 0.05085 | 0.00248 | 253 | 3 | 251 | 11 | 234 | 91 | 253 | 3 |
| sam.19 | 0.694444 | 0.01 | 0.04002 | 0.00042 | 0.28903 | 0.01322 | 0.05247 | 0.00248 | 253 | 3 | 258 | 10 | 306 | 85 | 253 | 3 |
| sam.20 | 0.380228 | 0.03 | 0.04076 | 0.00058 | 0.31981 | 0.02291 | 0.05701 | 0.00416 | 258 | 4 | 282 | 18 | 492 | 134 | 258 | 4 |
| sam.21 | 1.612903 | 0.01 | 0.08053 | 0.002 | 0.63306 | 0.1088 | 0.05712 | 0.00989 | 499 | 12 | 498 | 68 | 496 | 338 | 499 | 12 |
| sam.22 | 0.259067 | 0.04 | 0.05738 | 0.00051 | 0.45833 | 0.01629 | 0.05793 | 0.00212 | 360 | 3 | 383 | 11 | 527 | 82 | 360 | 3 |
| sam.23 | 0.387597 | 0.03 | 0.03894 | 0.00042 | 0.27831 | 0.0136 | 0.05192 | 0.00261 | 246 | 3 | 249 | 11 | 282 | 92 | 246 | 3 |
| sam.24 | 0.45045 | 0.02 | 0.03959 | 0.00039 | 0.28956 | 0.01482 | 0.05304 | 0.00276 | 250 | 2 | 258 | 12 | 331 | 121 | 250 | 2 |
| sam.25 | 0.353357 | 0.03 | 0.03992 | 0.00043 | 0.30763 | 0.01491 | 0.05597 | 0.00279 | 252 | 3 | 272 | 12 | 451 | 89 | 252 | 3 |
| sam.26 | 0.735294 | 0.01 | 0.04122 | 0.00036 | 0.29573 | 0.01124 | 0.05211 | 0.00205 | 260 | 2 | 263 | 9 | 290 | 71 | 260 | 2 |
| sam.25 | 0.505051 | 0.02 | 0.03724 | 0.00032 | 0.2613 | 0.00832 | 0.05096 | 0.00171 | 236 | 2 | 236 | 7 | 239 | 58 | 236 | 2 |
| sam.26 | 1.030928 | 0.01 | 0.04272 | 0.00041 | 0.29877 | 0.01225 | 0.05079 | 0.00216 | 270 | 3 | 265 | 10 | 231 | 77 | 270 | 3 |
| sam.27 | 0.212766 | 0.05 | 0.03917 | 0.00036 | 0.24929 | 0.01187 | 0.04622 | 0.00226 | 248 | 2 | 226 | 10 | 9 | 84 | 248 | 2 |
| sam.28 | 0.307692 | 0.03 | 0.0388 | 0.00043 | 0.27354 | 0.0117 | 0.05121 | 0.00227 | 245 | 3 | 246 | 9 | 250 | 78 | 245 | 3 |
| sam.29 | 0.469484 | 0.02 | 0.04367 | 0.00038 | 0.30633 | 0.01038 | 0.05095 | 0.0018 | 276 | 2 | 271 | 8 | 239 | 62 | 276 | 2 |
| sam.30 | 0.398406 | 0.03 | 0.03876 | 0.00034 | 0.2635 | 0.00992 | 0.04937 | 0.00193 | 245 | 2 | 237 | 8 | 165 | 72 | 245 | 2 |
| sam.31 | 0.420168 | 0.02 | 0.03997 | 0.00033 | 0.26207 | 0.00902 | 0.04761 | 0.00171 | 253 | 2 | 236 | 7 | 80 | 63 | 253 | 2 |
| sam.32 | 0.314465 | 0.03 | 0.0392 | 0.00034 | 0.27223 | 0.0082 | 0.05042 | 0.00161 | 248 | 2 | 244 | 7 | 214 | 54 | 248 | 2 |
| sam.33 | 0.163934 | 0.06 | 0.07032 | 0.00042 | 0.52059 | 0.00658 | 0.05375 | 0.00083 | 438 | 3 | 426 | 4 | 361 | 18 | 438 | 3 |
| sam.34 | 0.41841 | 0.02 | 0.04022 | 0.00034 | 0.28672 | 0.00927 | 0.05176 | 0.00176 | 254 | 2 | 256 | 7 | 275 | 59 | 254 | 2 |
| sam.35 | 0.390625 | 0.03 | 0.03764 | 0.00028 | 0.2633 | 0.00812 | 0.05074 | 0.00161 | 238 | 2 | 237 | 7 | 229 | 75 | 238 | 2 |
| sam.36 | 0.483092 | 0.02 | 0.06799 | 0.00062 | 0.53409 | 0.01871 | 0.05703 | 0.00208 | 424 | 4 | 435 | 12 | 493 | 61 | 424 | 4 |
| sam.37 | 0.510204 | 0.02 | 0.04104 | 0.00039 | 0.29089 | 0.01051 | 0.05145 | 0.00194 | 259 | 2 | 259 | 8 | 261 | 66 | 259 | 2 |
| sam.38 | 0.606061 | 0.02 | 0.03815 | 0.0004 | 0.26832 | 0.01096 | 0.05106 | 0.00217 | 241 | 2 | 241 | 9 | 244 | 75 | 241 | 2 |
| sam.39 | 0.520833 | 0.02 | 0.04081 | 0.00033 | 0.29047 | 0.0088 | 0.05167 | 0.00165 | 258 | 2 | 259 | 7 | 271 | 55 | 258 | 2 |
| sam.40 | 0.285714 | 0.04 | 0.03788 | 0.00029 | 0.27541 | 0.00707 | 0.05278 | 0.00145 | 240 | 2 | 247 | 6 | 319 | 44 | 240 | 2 |
| sam.41 | 0.411523 | 0.02 | 0.03883 | 0.0003 | 0.2671 | 0.00773 | 0.04993 | 0.00153 | 246 | 2 | 240 | 6 | 192 | 53 | 246 | 2 |
| sam.42 | 0.819672 | 0.01 | 0.04457 | 0.00037 | 0.32122 | 0.01006 | 0.05232 | 0.00172 | 281 | 2 | 283 | 8 | 299 | 56 | 281 | 2 |
| sam.43 | 0.454545 | 0.02 | 0.03777 | 0.00029 | 0.26575 | 0.00754 | 0.05107 | 0.00154 | 239 | 2 | 239 | 6 | 244 | 51 | 239 | 2 |
| sam.44 | 0.483092 | 0.02 | 0.04033 | 0.00028 | 0.28006 | 0.00628 | 0.05039 | 0.00123 | 255 | 2 | 251 | 5 | 213 | 39 | 255 | 2 |
| sam.45 | 0.699301 | 0.01 | 0.03875 | 0.00047 | 0.27402 | 0.01595 | 0.05132 | 0.00306 | 245 | 3 | 246 | 13 | 255 | 112 | 245 | 3 |
| sam.46 | 0.421941 | 0.02 | 0.0386 | 0.00027 | 0.27504 | 0.00622 | 0.05171 | 0.00127 | 244 | 2 | 247 | 5 | 273 | 39 | 244 | 2 |
| sam.47 | 0.680272 | 0.01 | 0.04019 | 0.00032 | 0.28269 | 0.00805 | 0.05105 | 0.00154 | 254 | 2 | 253 | 6 | 243 | 51 | 254 | 2 |
| sam.48 | 0.543478 | 0.02 | 0.35601 | 0.00442 | 7.23884 | 0.15774 | 0.14756 | 0.0034 | 1963 | 21 | 2141 | 19 | 2318 | 21 | / | / |
| sam.49 | 0.529101 | 0.02 | 0.03761 | 0.00028 | 0.25235 | 0.00608 | 0.04869 | 0.00127 | 238 | 2 | 228 | 5 | 133 | 43 | 238 | 2 |
| sam.50 | 0.606061 | 0.02 | 0.04118 | 0.00035 | 0.30428 | 0.00959 | 0.05362 | 0.00178 | 260 | 2 | 270 | 7 | 355 | 56 | 260 | 2 |
| sam.51 | 0.492611 | 0.02 | 0.0425 | 0.00051 | 0.27905 | 0.01351 | 0.04764 | 0.00238 | 268 | 3 | 250 | 11 | 81 | 85 | 268 | 3 |
| sam.52 | 0.413223 | 0.02 | 0.03998 | 0.00035 | 0.27516 | 0.01012 | 0.04994 | 0.00191 | 253 | 2 | 247 | 8 | 192 | 69 | 253 | 2 |
| sam.53 | 0.373134 | 0.03 | 0.03861 | 0.00029 | 0.26889 | 0.00716 | 0.05053 | 0.00143 | 244 | 2 | 242 | 6 | 219 | 48 | 244 | 2 |
| sam.54 | 0.49505 | 0.02 | 0.03895 | 0.00033 | 0.2976 | 0.00915 | 0.05543 | 0.0018 | 246 | 2 | 265 | 7 | 430 | 53 | 246 | 2 |
| sam.55 | 0.392157 | 0.03 | 0.04102 | 0.00031 | 0.29324 | 0.00729 | 0.05187 | 0.00139 | 259 | 2 | 261 | 6 | 280 | 43 | 259 | 2 |
| sam.56 | 0.413223 | 0.02 | 0.03866 | 0.00031 | 0.26165 | 0.00787 | 0.0491 | 0.00156 | 245 | 2 | 236 | 6 | 153 | 55 | 245 | 2 |
| sam.57 | 0.423729 | 0.02 | 0.03867 | 0.00026 | 0.27795 | 0.00586 | 0.05215 | 0.00121 | 245 | 2 | 249 | 5 | 292 | 36 | 245 | 2 |
| sam.58 | 0.641026 | 0.02 | 0.03704 | 0.00029 | 0.25347 | 0.00748 | 0.04964 | 0.00155 | 234 | 2 | 229 | 6 | 178 | 54 | 234 | 2 |
| sam.59 | 0.526316 | 0.02 | 0.04015 | 0.00027 | 0.27876 | 0.00572 | 0.05036 | 0.00114 | 254 | 2 | 250 | 5 | 212 | 35 | 254 | 2 |
| sam.60 | 1.515152 | 0.01 | 0.04773 | 0.00038 | 0.35648 | 0.01016 | 0.05418 | 0.00164 | 301 | 2 | 310 | 8 | 379 | 50 | 301 | 2 |
| sam.61 | 0.561798 | 0.02 | 0.03689 | 0.0003 | 0.28204 | 0.0082 | 0.05546 | 0.00171 | 234 | 2 | 252 | 6 | 431 | 50 | 234 | 2 |
| sam.62 | 0.534759 | 0.02 | 0.04002 | 0.00026 | 0.28188 | 0.00524 | 0.05109 | 0.00106 | 253 | 2 | 252 | 4 | 245 | 31 | 253 | 2 |
| sam.63 | 0.378788 | 0.03 | 0.0378 | 0.00027 | 0.26686 | 0.0059 | 0.05121 | 0.00124 | 239 | 2 | 240 | 5 | 250 | 38 | 239 | 2 |
| sam.64 | 0.431034 | 0.02 | 0.04181 | 0.00035 | 0.29814 | 0.00942 | 0.05172 | 0.00172 | 264 | 2 | 265 | 7 | 273 | 57 | 264 | 2 |
| sam.65 | 0.414938 | 0.02 | 0.03555 | 0.00026 | 0.23937 | 0.00623 | 0.04883 | 0.00136 | 225 | 2 | 218 | 5 | 140 | 47 | 225 | 2 |
| sam.66 | 0.373134 | 0.03 | 0.03867 | 0.00027 | 0.27105 | 0.00583 | 0.05084 | 0.0012 | 245 | 2 | 244 | 5 | 234 | 37 | 245 | 2 |
| sam.67 | 0.49505 | 0.02 | 0.03688 | 0.00024 | 0.26559 | 0.00471 | 0.05224 | 0.00105 | 233 | 1 | 239 | 4 | 296 | 29 | 233 | 1 |
| sam.68 | 0.537634 | 0.02 | 0.0371 | 0.00027 | 0.27112 | 0.00644 | 0.05301 | 0.00136 | 235 | 2 | 244 | 5 | 329 | 41 | 235 | 2 |
| sam.69 | 0.78125 | 0.01 | 0.03772 | 0.00025 | 0.26721 | 0.00516 | 0.05138 | 0.00111 | 239 | 2 | 240 | 4 | 258 | 32 | 239 | 2 |
| sam.70 | 0.645161 | 0.02 | 0.0375 | 0.00028 | 0.26698 | 0.00872 | 0.05164 | 0.00173 | 237 | 2 | 240 | 7 | 269 | 79 | 237 | 2 |
| sam.71 | 0.233645 | 0.04 | 0.15287 | 0.00103 | 1.51911 | 0.02598 | 0.07207 | 0.00133 | 917 | 6 | 938 | 10 | 988 | 38 | 917 | 6 |
| sam.72 | 0.350877 | 0.03 | 0.03769 | 0.0003 | 0.28313 | 0.00798 | 0.05448 | 0.00163 | 238 | 2 | 253 | 6 | 391 | 49 | 238 | 2 |
| sam.73 | 0.465116 | 0.02 | 0.04011 | 0.00026 | 0.27844 | 0.00489 | 0.05035 | 0.001 | 254 | 2 | 249 | 4 | 211 | 29 | 254 | 2 |
| sam.74 | 0.568182 | 0.02 | 0.06918 | 0.00047 | 0.5261 | 0.01015 | 0.05515 | 0.00118 | 431 | 3 | 429 | 7 | 418 | 31 | 431 | 3 |
| sam.75 | 0.44843 | 0.02 | 0.0375 | 0.00025 | 0.26894 | 0.00546 | 0.052 | 0.00117 | 237 | 2 | 242 | 4 | 285 | 34 | 237 | 2 |
| sam.76 | 0.392157 | 0.03 | 0.03692 | 0.00032 | 0.2665 | 0.00948 | 0.05234 | 0.00194 | 234 | 2 | 240 | 8 | 300 | 65 | 234 | 2 |
| sam.77 | 0.348432 | 0.03 | 0.03616 | 0.00023 | 0.25995 | 0.00477 | 0.05213 | 0.00108 | 229 | 1 | 235 | 4 | 291 | 30 | 229 | 1 |
| sam.78 | 0.30581 | 0.03 | 0.03791 | 0.00025 | 0.27423 | 0.00528 | 0.05245 | 0.00113 | 240 | 2 | 246 | 4 | 305 | 32 | 240 | 2 |
| sam.79 | 0.543478 | 0.02 | 0.03302 | 0.00181 | 0.23057 | 0.08775 | 0.05063 | 0.01943 | 209 | 11 | 211 | 72 | 224 | 574 | 209 | 11 |
| sam.80 | 0.42735 | 0.02 | 0.036 | 0.00023 | 0.25106 | 0.00455 | 0.05056 | 0.00103 | 228 | 1 | 227 | 4 | 221 | 30 | 228 | 1 |
| sam.81 | 0.485437 | 0.02 | 0.03749 | 0.00028 | 0.26675 | 0.00867 | 0.0516 | 0.00172 | 237 | 2 | 240 | 7 | 268 | 78 | 237 | 2 |
| sam.82 | 0.813008 | 0.01 | 0.03037 | 0.00027 | 0.22088 | 0.00822 | 0.05273 | 0.00205 | 193 | 2 | 203 | 7 | 317 | 69 | 193 | 2 |
| sam.83 | 0.381679 | 0.03 | 0.49078 | 0.00334 | 12.6237 | 0.12308 | 0.18655 | 0.00222 | 2574 | 14 | 2652 | 9 | 2712 | 20 | 2712 | 20 |
| sam.84 | 0.52356 | 0.02 | 0.03888 | 0.00026 | 0.27347 | 0.00559 | 0.05099 | 0.00115 | 246 | 2 | 245 | 4 | 240 | 35 | 246 | 2 |
| sam.85 | 0.617284 | 0.02 | 0.15803 | 0.00101 | 1.53071 | 0.0282 | 0.07025 | 0.00137 | 946 | 6 | 943 | 11 | 936 | 41 | 946 | 6 |
| sam.86 | 0.909091 | 0.01 | 0.0379 | 0.00024 | 0.27513 | 0.00467 | 0.05264 | 0.00102 | 240 | 1 | 247 | 4 | 313 | 27 | 240 | 1 |
| sam.87 | 0.757576 | 0.01 | 0.04019 | 0.00025 | 0.29137 | 0.00478 | 0.05256 | 0.00099 | 254 | 2 | 260 | 4 | 310 | 26 | 254 | 2 |
| sam.88 | 0.380228 | 0.03 | 0.03734 | 0.00024 | 0.27323 | 0.00509 | 0.05304 | 0.00111 | 236 | 1 | 245 | 4 | 331 | 31 | 236 | 1 |
| sam.89 | 0.420168 | 0.02 | 0.03577 | 0.00029 | 0.2654 | 0.00792 | 0.05379 | 0.0017 | 227 | 2 | 239 | 6 | 362 | 53 | 227 | 2 |
| sam.90 | 0.729927 | 0.01 | 0.03975 | 0.00026 | 0.27404 | 0.00531 | 0.04997 | 0.00108 | 251 | 2 | 246 | 4 | 194 | 33 | 251 | 2 |
| sam.91 | 0.3360 | 0.0079 | 0.0304 | 0.0005 | 0.2143 | 0.0055 | 0.0511 | 0.0011 | 193 | 3 | 197 | 5 | 247 | 51 | 193 | 3 |
| Neogene Guide Group sample WC071315-1A | | | | | | | | | | | | | | | | |
| sam.01 | 1.3474 | 0.0104 | 0.5430 | 0.0063 | 12.1635 | 0.1967 | 0.1625 | 0.0022 | 2796 | 32 | 2617 | 42 | 2482 | 23 | 2482 | 23 |
| sam.02 | 0.0953 | 0.0016 | 0.1615 | 0.0020 | 1.6249 | 0.0294 | 0.0730 | 0.0010 | 965 | 12 | 980 | 18 | 1014 | 28 | 1014 | 28 |
| sam.03 | 0.6396 | 0.0048 | 0.0387 | 0.0004 | 0.2696 | 0.0059 | 0.0506 | 0.0010 | 245 | 3 | 242 | 5 | 221 | 47 | 245 | 3 |
| sam.04 | 0.1528 | 0.0023 | 0.3660 | 0.0041 | 7.2502 | 0.1190 | 0.1437 | 0.0020 | 2011 | 22 | 2143 | 35 | 2272 | 23 | 2272 | 23 |
| sam.05 | 1.0338 | 0.0064 | 0.1144 | 0.0012 | 0.9991 | 0.0190 | 0.0634 | 0.0011 | 698 | 7 | 703 | 13 | 721 | 38 | 698 | 7 |
| sam.06 | 0.1871 | 0.0007 | 0.1624 | 0.0017 | 1.6306 | 0.0249 | 0.0728 | 0.0010 | 970 | 10 | 982 | 15 | 1010 | 27 | 1010 | 27 |
| sam.07 | 1.2847 | 0.0364 | 0.2440 | 0.0025 | 3.0530 | 0.0462 | 0.0908 | 0.0012 | 1407 | 15 | 1421 | 22 | 1442 | 26 | 1442 | 26 |
| sam.08 | 0.2683 | 0.0005 | 0.4387 | 0.0047 | 9.2419 | 0.1425 | 0.1528 | 0.0021 | 2345 | 25 | 2362 | 36 | 2378 | 23 | 2378 | 23 |
| sam.09 | 0.5804 | 0.0036 | 0.2319 | 0.0027 | 3.2260 | 0.0528 | 0.1009 | 0.0014 | 1344 | 16 | 1463 | 24 | 1641 | 25 | 1641 | 25 |
| sam.10 | 0.5152 | 0.0020 | 0.1471 | 0.0015 | 1.6053 | 0.0283 | 0.0791 | 0.0013 | 885 | 9 | 972 | 17 | 1175 | 32 | 1175 | 32 |
| sam.11 | 0.7406 | 0.0060 | 0.2330 | 0.0025 | 3.1181 | 0.0475 | 0.0971 | 0.0013 | 1350 | 14 | 1437 | 22 | 1568 | 25 | 1568 | 25 |
| sam.12 | 1.4722 | 0.0072 | 0.1566 | 0.0018 | 1.5192 | 0.0238 | 0.0703 | 0.0009 | 938 | 11 | 938 | 15 | 938 | 28 | 938 | 11 |
| sam.13 | 0.4351 | 0.0028 | 0.3069 | 0.0033 | 4.5467 | 0.0694 | 0.1074 | 0.0014 | 1725 | 18 | 1740 | 27 | 1757 | 25 | 1757 | 25 |
| sam.14 | 0.8181 | 0.0127 | 0.1619 | 0.0017 | 1.5920 | 0.0248 | 0.0713 | 0.0010 | 968 | 10 | 967 | 15 | 966 | 28 | 968 | 10 |
| sam.15 | 0.8203 | 0.0111 | 0.2011 | 0.0022 | 2.2397 | 0.0361 | 0.0808 | 0.0012 | 1181 | 13 | 1194 | 19 | 1216 | 29 | 1216 | 29 |
| sam.16 | 0.0222 | 0.0003 | 0.1269 | 0.0013 | 1.3196 | 0.0203 | 0.0754 | 0.0010 | 770 | 8 | 854 | 13 | 1080 | 27 | 1080 | 27 |
| sam.19 | 0.6496 | 0.0025 | 0.2764 | 0.0030 | 3.9636 | 0.0614 | 0.1040 | 0.0014 | 1573 | 17 | 1627 | 25 | 1697 | 25 | 1697 | 25 |
| sam.20 | 0.1311 | 0.0030 | 0.1689 | 0.0018 | 1.6850 | 0.0265 | 0.0724 | 0.0010 | 1006 | 11 | 1003 | 16 | 996 | 27 | 996 | 27 |
| sam.21 | 0.6951 | 0.0043 | 0.4287 | 0.0046 | 9.2590 | 0.1419 | 0.1566 | 0.0021 | 2300 | 25 | 2364 | 36 | 2420 | 23 | 2420 | 23 |
| sam.22 | 0.8233 | 0.0030 | 0.1360 | 0.0015 | 1.2655 | 0.0196 | 0.0675 | 0.0009 | 822 | 9 | 830 | 13 | 854 | 28 | 822 | 9 |
| sam.23 | 0.1484 | 0.0011 | 0.4598 | 0.0057 | 10.1252 | 0.1688 | 0.1597 | 0.0021 | 2439 | 30 | 2446 | 41 | 2453 | 23 | 2453 | 23 |
| sam.24 | 0.6854 | 0.0149 | 0.1735 | 0.0021 | 1.8718 | 0.0299 | 0.0782 | 0.0011 | 1031 | 12 | 1071 | 17 | 1153 | 27 | 1153 | 27 |
| sam.25 | 0.4793 | 0.0063 | 0.1596 | 0.0019 | 1.5798 | 0.0258 | 0.0718 | 0.0010 | 955 | 11 | 962 | 16 | 980 | 27 | 955 | 11 |
| sam.26 | 0.1300 | 0.0005 | 0.1587 | 0.0017 | 1.5498 | 0.0248 | 0.0708 | 0.0010 | 950 | 10 | 950 | 15 | 952 | 29 | 950 | 10 |
| sam.25 | 0.4268 | 0.0081 | 0.2037 | 0.0022 | 2.2562 | 0.0353 | 0.0803 | 0.0011 | 1195 | 13 | 1199 | 19 | 1205 | 27 | 1205 | 27 |
| sam.26 | 0.5437 | 0.0046 | 0.4987 | 0.0053 | 12.0623 | 0.1860 | 0.1754 | 0.0024 | 2608 | 28 | 2609 | 40 | 2610 | 22 | 2610 | 22 |
| sam.27 | 0.4240 | 0.0117 | 0.2363 | 0.0030 | 4.4115 | 0.0789 | 0.1354 | 0.0018 | 1367 | 17 | 1715 | 31 | 2169 | 24 | 2169 | 24 |
| sam.28 | 0.6020 | 0.0029 | 0.2637 | 0.0028 | 3.4202 | 0.0523 | 0.0941 | 0.0013 | 1509 | 16 | 1509 | 23 | 1510 | 25 | 1510 | 25 |
| sam.29 | 0.2910 | 0.0033 | 0.4588 | 0.0053 | 11.1027 | 0.1815 | 0.1755 | 0.0024 | 2434 | 28 | 2532 | 41 | 2611 | 22 | 2611 | 22 |
| sam.30 | 0.3394 | 0.0102 | 0.1416 | 0.0014 | 1.3448 | 0.0202 | 0.0689 | 0.0009 | 854 | 9 | 865 | 13 | 895 | 28 | 854 | 9 |
| sam.31 | 0.8078 | 0.0029 | 0.1477 | 0.0016 | 1.3926 | 0.0215 | 0.0684 | 0.0009 | 888 | 9 | 886 | 14 | 880 | 28 | 888 | 9 |
| sam.32 | 0.4655 | 0.0075 | 0.1374 | 0.0015 | 1.2654 | 0.0195 | 0.0668 | 0.0009 | 830 | 9 | 830 | 13 | 831 | 28 | 830 | 9 |
| sam.33 | 0.7326 | 0.0186 | 0.4521 | 0.0055 | 9.6203 | 0.1634 | 0.1543 | 0.0021 | 2405 | 29 | 2399 | 41 | 2394 | 24 | 2394 | 24 |
| sam.34 | 0.3800 | 0.0066 | 0.1440 | 0.0016 | 1.3508 | 0.0217 | 0.0680 | 0.0009 | 867 | 10 | 868 | 14 | 870 | 28 | 867 | 10 |
| sam.35 | 0.2920 | 0.0050 | 0.1282 | 0.0015 | 1.1726 | 0.0205 | 0.0663 | 0.0010 | 778 | 9 | 788 | 14 | 816 | 33 | 778 | 9 |
| sam.36 | 0.8403 | 0.0078 | 0.2760 | 0.0029 | 3.4886 | 0.0533 | 0.0917 | 0.0012 | 1571 | 16 | 1525 | 23 | 1460 | 26 | 1460 | 26 |
| sam.37 | 0.3527 | 0.0063 | 0.5111 | 0.0084 | 12.7935 | 0.2622 | 0.1815 | 0.0025 | 2661 | 43 | 2665 | 55 | 2667 | 22 | 2667 | 22 |
| sam.38 | 0.1427 | 0.0028 | 0.4510 | 0.0048 | 9.6515 | 0.1478 | 0.1552 | 0.0021 | 2400 | 26 | 2402 | 37 | 2404 | 23 | 2404 | 23 |
| sam.39 | 0.9522 | 0.0140 | 0.1170 | 0.0013 | 1.0208 | 0.0168 | 0.0633 | 0.0009 | 713 | 8 | 714 | 12 | 718 | 31 | 713 | 8 |
| sam.40 | 0.3972 | 0.0081 | 0.1198 | 0.0015 | 1.0623 | 0.0188 | 0.0643 | 0.0009 | 730 | 9 | 735 | 13 | 751 | 30 | 730 | 9 |
| sam.41 | 0.1960 | 0.0067 | 0.4547 | 0.0051 | 9.8818 | 0.1580 | 0.1576 | 0.0022 | 2416 | 27 | 2424 | 39 | 2430 | 23 | 2430 | 23 |
| sam.42 | 0.1176 | 0.0056 | 0.2792 | 0.0030 | 3.7769 | 0.0579 | 0.0981 | 0.0013 | 1587 | 17 | 1588 | 24 | 1589 | 26 | 1589 | 26 |
| sam.43 | 0.4337 | 0.0051 | 0.5469 | 0.0057 | 18.2419 | 0.2753 | 0.2419 | 0.0033 | 2812 | 29 | 3003 | 45 | 3133 | 21 | 3133 | 21 |
| sam.44 | 0.3079 | 0.0033 | 0.3464 | 0.0037 | 7.2272 | 0.1108 | 0.1513 | 0.0020 | 1917 | 21 | 2140 | 33 | 2361 | 23 | 2361 | 23 |
| sam.45 | 0.2565 | 0.0013 | 0.5246 | 0.0055 | 17.4801 | 0.2668 | 0.2417 | 0.0032 | 2719 | 29 | 2962 | 45 | 3131 | 21 | 3131 | 21 |
| sam.46 | 0.1089 | 0.0014 | 0.3552 | 0.0041 | 6.3155 | 0.1039 | 0.1289 | 0.0017 | 1959 | 22 | 2021 | 33 | 2084 | 24 | 2084 | 24 |
| sam.47 | 1.4107 | 0.0056 | 0.1870 | 0.0019 | 2.1640 | 0.0340 | 0.0839 | 0.0012 | 1105 | 11 | 1170 | 18 | 1291 | 28 | 1291 | 28 |
| sam.48 | 0.4857 | 0.0036 | 0.4022 | 0.0048 | 9.4177 | 0.1515 | 0.1698 | 0.0023 | 2179 | 26 | 2380 | 38 | 2556 | 23 | 2556 | 23 |
| sam.49 | 0.3401 | 0.0056 | 0.3350 | 0.0040 | 7.5523 | 0.1300 | 0.1635 | 0.0023 | 1863 | 22 | 2179 | 38 | 2492 | 23 | 2492 | 23 |
| sam.50 | 0.5767 | 0.0140 | 0.0929 | 0.0011 | 0.9685 | 0.0147 | 0.0756 | 0.0011 | 573 | 7 | 688 | 10 | 1084 | 28 | 573 | 7 |
| sam.51 | 0.2525 | 0.0071 | 0.4180 | 0.0043 | 9.8799 | 0.1486 | 0.1714 | 0.0023 | 2251 | 23 | 2424 | 36 | 2572 | 22 | 2572 | 22 |
| sam.52 | 0.3574 | 0.0020 | 0.1349 | 0.0014 | 1.4148 | 0.0217 | 0.0761 | 0.0011 | 816 | 9 | 895 | 14 | 1097 | 28 | 816 | 9 |
| sam.53 | 0.5760 | 0.0044 | 0.0223 | 0.0002 | 0.1530 | 0.0042 | 0.0497 | 0.0012 | 142 | 2 | 145 | 4 | 181 | 59 | 142 | 2 |
| sam.54 | 0.2933 | 0.0010 | 0.1490 | 0.0015 | 1.5918 | 0.0240 | 0.0775 | 0.0010 | 896 | 9 | 967 | 15 | 1133 | 27 | 896 | 9 |
| sam.55 | 0.9407 | 0.0194 | 0.2134 | 0.0027 | 2.4278 | 0.0412 | 0.0825 | 0.0012 | 1247 | 16 | 1251 | 21 | 1258 | 27 | 1258 | 27 |
| sam.56 | 0.4237 | 0.0074 | 0.1835 | 0.0019 | 2.0854 | 0.0321 | 0.0824 | 0.0011 | 1086 | 11 | 1144 | 18 | 1256 | 27 | 1256 | 27 |
| sam.57 | 0.3895 | 0.0030 | 0.2010 | 0.0022 | 4.0241 | 0.0630 | 0.1452 | 0.0020 | 1181 | 13 | 1639 | 26 | 2290 | 24 | 2290 | 24 |
| sam.58 | 0.3369 | 0.0007 | 0.1075 | 0.0011 | 0.9283 | 0.0145 | 0.0626 | 0.0009 | 658 | 7 | 667 | 10 | 695 | 30 | 658 | 7 |
| sam.59 | 0.5283 | 0.0022 | 0.1616 | 0.0017 | 1.5931 | 0.0259 | 0.0715 | 0.0011 | 966 | 10 | 968 | 16 | 972 | 30 | 966 | 10 |
| sam.60 | 0.5681 | 0.0058 | 0.0848 | 0.0009 | 0.6788 | 0.0119 | 0.0580 | 0.0009 | 525 | 6 | 526 | 9 | 531 | 34 | 525 | 6 |
| sam.61 | 0.1110 | 0.0036 | 0.2794 | 0.0029 | 4.8239 | 0.0783 | 0.1252 | 0.0018 | 1589 | 16 | 1789 | 29 | 2032 | 25 | 2032 | 25 |
| sam.62 | 0.5071 | 0.0009 | 0.1987 | 0.0021 | 2.1904 | 0.0336 | 0.0800 | 0.0011 | 1168 | 12 | 1178 | 18 | 1196 | 27 | 1196 | 27 |
| sam.63 | 1.1384 | 0.0077 | 0.1220 | 0.0013 | 1.0772 | 0.0202 | 0.0641 | 0.0011 | 742 | 8 | 742 | 14 | 744 | 37 | 742 | 8 |
| sam.64 | 0.2514 | 0.0033 | 0.4327 | 0.0045 | 9.2981 | 0.1440 | 0.1558 | 0.0021 | 2318 | 24 | 2368 | 37 | 2411 | 23 | 2411 | 23 |
| sam.65 | 0.6314 | 0.0044 | 0.2933 | 0.0030 | 4.1896 | 0.0639 | 0.1036 | 0.0014 | 1658 | 17 | 1672 | 26 | 1690 | 25 | 1690 | 25 |
| sam.66 | 0.2487 | 0.0125 | 0.1484 | 0.0016 | 1.4215 | 0.0221 | 0.0695 | 0.0010 | 892 | 9 | 898 | 14 | 912 | 29 | 892 | 9 |
| sam.67 | 1.5407 | 0.0135 | 0.1505 | 0.0015 | 1.4820 | 0.0223 | 0.0714 | 0.0010 | 904 | 9 | 923 | 14 | 969 | 28 | 904 | 9 |
| sam.68 | 4.4350 | 0.0392 | 0.0902 | 0.0009 | 0.9351 | 0.0237 | 0.0752 | 0.0018 | 557 | 6 | 670 | 17 | 1073 | 49 | 557 | 6 |
| sam.69 | 0.5346 | 0.0052 | 0.2950 | 0.0031 | 4.3064 | 0.0681 | 0.1059 | 0.0015 | 1667 | 17 | 1695 | 27 | 1729 | 26 | 1729 | 26 |
| sam.70 | 0.1715 | 0.0019 | 0.1350 | 0.0016 | 1.2551 | 0.0208 | 0.0674 | 0.0009 | 816 | 10 | 826 | 14 | 852 | 28 | 816 | 10 |
| sam.71 | 0.2453 | 0.0011 | 0.4664 | 0.0051 | 10.5094 | 0.1616 | 0.1634 | 0.0022 | 2468 | 27 | 2481 | 38 | 2491 | 23 | 2491 | 23 |
| sam.72 | 0.1705 | 0.0056 | 0.4760 | 0.0049 | 11.6946 | 0.1766 | 0.1782 | 0.0024 | 2510 | 26 | 2580 | 39 | 2636 | 22 | 2636 | 22 |
| sam.73 | 0.5780 | 0.0052 | 0.0706 | 0.0008 | 0.5500 | 0.0093 | 0.0565 | 0.0008 | 440 | 5 | 445 | 7 | 472 | 32 | 440 | 5 |
| sam.74 | 0.6551 | 0.0072 | 0.4301 | 0.0045 | 8.6976 | 0.1321 | 0.1467 | 0.0020 | 2306 | 24 | 2307 | 35 | 2307 | 23 | 2307 | 23 |
| sam.75 | 0.2997 | 0.0008 | 0.1752 | 0.0020 | 1.7931 | 0.0293 | 0.0742 | 0.0011 | 1041 | 12 | 1043 | 17 | 1047 | 29 | 1047 | 29 |
| sam.76 | 0.1619 | 0.0028 | 0.1358 | 0.0014 | 1.2479 | 0.0190 | 0.0666 | 0.0009 | 821 | 8 | 822 | 13 | 826 | 28 | 821 | 8 |
| sam.77 | 0.1168 | 0.0024 | 0.1484 | 0.0016 | 1.4284 | 0.0220 | 0.0698 | 0.0009 | 892 | 10 | 901 | 14 | 923 | 28 | 892 | 10 |
| sam.78 | 0.6912 | 0.0030 | 0.1255 | 0.0013 | 1.1240 | 0.0170 | 0.0650 | 0.0009 | 762 | 8 | 765 | 12 | 774 | 29 | 762 | 8 |
| sam.79 | 0.7273 | 0.0260 | 0.1426 | 0.0016 | 1.3306 | 0.0209 | 0.0677 | 0.0009 | 859 | 9 | 859 | 14 | 858 | 28 | 859 | 9 |
| sam.80 | 0.6754 | 0.0104 | 0.2981 | 0.0038 | 4.2455 | 0.0732 | 0.1033 | 0.0014 | 1682 | 21 | 1683 | 29 | 1684 | 25 | 1684 | 25 |
| sam.81 | 0.8932 | 0.0049 | 0.2780 | 0.0030 | 4.0121 | 0.0628 | 0.1047 | 0.0014 | 1581 | 17 | 1637 | 26 | 1708 | 25 | 1708 | 25 |
| sam.82 | 0.2931 | 0.0045 | 0.2402 | 0.0025 | 3.2997 | 0.0504 | 0.0996 | 0.0013 | 1388 | 14 | 1481 | 23 | 1617 | 25 | 1617 | 25 |
| sam.83 | 0.6828 | 0.0066 | 0.4037 | 0.0043 | 9.1603 | 0.1412 | 0.1646 | 0.0022 | 2186 | 23 | 2354 | 36 | 2503 | 23 | 2503 | 23 |
| sam.84 | 0.5148 | 0.0020 | 0.3748 | 0.0043 | 6.5456 | 0.1040 | 0.1267 | 0.0017 | 2052 | 23 | 2052 | 33 | 2052 | 24 | 2052 | 24 |
| sam.85 | 0.8768 | 0.0175 | 0.1604 | 0.0019 | 1.6498 | 0.0309 | 0.0746 | 0.0012 | 959 | 12 | 989 | 19 | 1058 | 33 | 1058 | 33 |
| sam.86 | 1.6985 | 0.0143 | 0.6099 | 0.0064 | 19.7740 | 0.3022 | 0.2351 | 0.0031 | 3070 | 32 | 3080 | 47 | 3087 | 21 | 3087 | 21 |
| sam.87 | 0.6301 | 0.0026 | 0.1652 | 0.0018 | 1.6589 | 0.0256 | 0.0728 | 0.0010 | 986 | 11 | 993 | 15 | 1009 | 27 | 1009 | 27 |
| sam.88 | 0.4712 | 0.0019 | 0.1623 | 0.0018 | 1.6002 | 0.0257 | 0.0715 | 0.0010 | 969 | 11 | 970 | 16 | 972 | 28 | 969 | 11 |
| sam.89 | 0.1065 | 0.0015 | 0.1563 | 0.0019 | 1.5159 | 0.0250 | 0.0704 | 0.0010 | 936 | 11 | 937 | 15 | 939 | 28 | 936 | 11 |
| sam.90 | 0.5065 | 0.0230 | 0.1550 | 0.0017 | 1.5403 | 0.0240 | 0.0721 | 0.0010 | 929 | 10 | 947 | 15 | 989 | 28 | 929 | 10 |
| sam.91 | 0.2403 | 0.0030 | 0.1659 | 0.0018 | 1.6680 | 0.0262 | 0.0729 | 0.0010 | 990 | 11 | 996 | 16 | 1011 | 29 | 990 | 11 |
| sam.92 | 0.7063 | 0.0050 | 0.1663 | 0.0018 | 1.7981 | 0.0295 | 0.0784 | 0.0011 | 992 | 11 | 1045 | 17 | 1158 | 29 | 992 | 11 |
| sam.93 | 0.4857 | 0.0020 | 0.1618 | 0.0019 | 1.5936 | 0.0256 | 0.0714 | 0.0010 | 967 | 11 | 968 | 16 | 970 | 28 | 967 | 11 |
| sam.94 | 0.0594 | 0.0004 | 0.1618 | 0.0017 | 1.6102 | 0.0247 | 0.0722 | 0.0010 | 967 | 10 | 974 | 15 | 991 | 27 | 967 | 10 |
| sam.95 | 0.3641 | 0.0035 | 0.1270 | 0.0013 | 1.1562 | 0.0179 | 0.0660 | 0.0009 | 771 | 8 | 780 | 12 | 807 | 29 | 771 | 8 |
| sam.96 | 0.5015 | 0.0046 | 0.3724 | 0.0040 | 7.0326 | 0.1098 | 0.1369 | 0.0019 | 2041 | 22 | 2116 | 33 | 2189 | 24 | 2189 | 24 |
| sam.97 | 0.3146 | 0.0158 | 0.1116 | 0.0012 | 0.9684 | 0.0169 | 0.0629 | 0.0010 | 682 | 7 | 688 | 12 | 706 | 33 | 682 | 7 |
| sam.98 | 0.5227 | 0.0011 | 0.0662 | 0.0007 | 0.5133 | 0.0082 | 0.0562 | 0.0008 | 413 | 5 | 421 | 7 | 461 | 31 | 413 | 5 |
| sam.99 | 0.4433 | 0.0038 | 0.2886 | 0.0029 | 4.2246 | 0.0647 | 0.1062 | 0.0015 | 1635 | 17 | 1679 | 26 | 1734 | 25 | 1734 | 25 |
| sam.100 | 0.1011 | 0.0026 | 0.1382 | 0.0014 | 1.3067 | 0.0198 | 0.0686 | 0.0009 | 834 | 9 | 849 | 13 | 886 | 28 | 834 | 9 |

Table S3. Major and trace elements for the granitoids from the Eastern Kunlun Range.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Element | WC070514-20A | WC071815-6 | WC071815-3 | WZD073117-2A | WC071815-1 | WC070514-17 | WC071715-2A | WC070514-20B | WC071015-1A |
| SiO2 | 57.59 | 68.27 | 65.35 | 71.67 | 75.38 | 69.24 | 72.32 | 75.70 | 69.51 |
| TiO2 | 1.26 | 0.39 | 0.53 | 0.26 | 0.06 | 0.56 | 0.22 | 0.08 | 0.39 |
| Al2O3 | 19.81 | 16.38 | 16.73 | 14.62 | 14.10 | 15.13 | 13.00 | 13.66 | 15.59 |
| TFe2O3 | 11.296 | 2.41 | 3.515 | 2.656 | 0.579 | 3.923 | 1.844 | 0.652 | 2.611 |
| MnO | 0.22 | 0.05 | 0.06 | 0.06 | 0.02 | 0.04 | 0.05 | 0.01 | 0.05 |
| MgO | 2.90 | 1.04 | 1.67 | 0.38 | 0.20 | 1.69 | 0.56 | 0.19 | 0.71 |
| CaO | 0.37 | 2.94 | 3.44 | 1.64 | 0.84 | 0.77 | 1.61 | 1.09 | 1.46 |
| Na2O | 0.36 | 4.50 | 4.01 | 4.20 | 3.51 | 3.51 | 2.65 | 3.89 | 4.50 |
| K2O | 3.39 | 2.80 | 2.31 | 3.90 | 4.54 | 2.98 | 5.38 | 4.24 | 4.09 |
| P2O5 | 0.02 | 0.16 | 0.22 | 0.05 | 0.11 | 0.12 | 0.05 | 0.03 | 0.13 |
| LOI | 2.60 | 0.91 | 1.83 | 0.61 | 0.64 | 1.77 | 2.18 | 0.99 | 1.35 |
| K2O/Na2O | 9.42 | 0.62 | 0.58 | 0.93 | 1.29 | 0.85 | 2.03 | 1.09 | 0.91 |
| K2O+Na2O | 3.75 | 7.30 | 6.32 | 8.10 | 8.05 | 6.49 | 8.03 | 8.13 | 8.59 |
| A/CNK | 4.01 | 1.04 | 1.09 | 1.03 | 1.15 | 1.45 | 0.99 | 1.05 | 1.08 |
| A/NK | 4.64 | 1.57 | 1.84 | 1.31 | 1.32 | 1.68 | 1.27 | 1.24 | 1.32 |
| Li | 62.5 | 43.1 | 57.7 | 16.0 | 18.7 | 14.0 | 22.5 | 9.60 | 9.58 |
| Be | 1.08 | 2.62 | 2.45 | 1.90 | 5.08 | 2.97 | 2.63 | 2.14 | 3.15 |
| Sc | 31.4 | 4.22 | 6.87 | 6.09 | 3.17 | 12.8 | 3.81 | 3.60 | 4.53 |
| V | 212 | 26.0 | 45.3 | 5.81 | 3.15 | 45.4 | 17.7 | 3.93 | 16.5 |
| Co | 25.8 | 4.20 | 7.99 | 1.75 | 0.51 | 5.66 | 2.53 | 0.54 | 3.16 |
| Ni | 48.0 | 5.16 | 6.54 | 0.66 | 0.71 | 5.65 | 2.64 | 0.70 | 1.50 |
| Cu | 22.0 | 13.8 | 11.3 | 2.95 | 1.50 | 7.03 | 25.9 | 2.50 | 1.01 |
| Zn | 118 | 54.1 | 55.3 | 57.2 | 12.2 | 39.6 | 37.7 | 11.8 | 52.4 |
| Ga | 27.4 | 23.6 | 19.3 | 18.5 | 16.8 | 21.0 | 14.3 | 18.8 | 23.0 |
| Rb | 104 | 88.0 | 95.7 | 133 | 198 | 106 | 249 | 121 | 107 |
| Sr | 54.4 | 482 | 299 | 209 | 94.9 | 119 | 118 | 69.3 | 679 |
| Y | 47.4 | 9.58 | 12.2 | 20.8 | 8.44 | 23.0 | 22.8 | 21.0 | 11.7 |
| Zr | 329 | 197 | 198 | 340 | 37.4 | 171 | 119 | 47.4 | 259 |
| Nb | 19.9 | 15.1 | 8.91 | 12.8 | 7.28 | 11.1 | 14.8 | 12.8 | 29.8 |
| Mo | 1.52 | 0.18 | 0.05 | 1.19 | 0.06 | 0.66 | 0.14 | 0.05 | 0.25 |
| Cs | 4.10 | 5.17 | 5.72 | 3.81 | 8.61 | 4.75 | 7.59 | 1.17 | 1.88 |
| Ba | 692 | 621 | 366 | 1293 | 260 | 565 | 411 | 245 | 1258 |
| La | 29.3 | 24.7 | 26.1 | 32.0 | 5.55 | 14.4 | 33.0 | 12.4 | 54.0 |
| Ce | 65.8 | 40.1 | 54.8 | 60.2 | 11.4 | 30.7 | 69.7 | 24.9 | 92.1 |
| Pr | 7.40 | 4.99 | 6.56 | 6.61 | 1.32 | 4.03 | 7.71 | 3.34 | 9.51 |
| Nd | 30.0 | 20.0 | 25.7 | 24.6 | 5.33 | 16.9 | 28.8 | 14.5 | 32.5 |
| Sm | 5.68 | 3.12 | 4.76 | 4.42 | 1.15 | 3.80 | 5.68 | 3.19 | 5.48 |
| Eu | 1.16 | 0.97 | 1.14 | 1.20 | 0.35 | 0.79 | 0.71 | 0.31 | 1.23 |
| Gd | 6.20 | 2.38 | 3.68 | 3.71 | 1.15 | 3.77 | 4.73 | 3.18 | 3.72 |
| Tb | 1.40 | 0.37 | 0.53 | 0.65 | 0.23 | 0.70 | 0.74 | 0.59 | 0.53 |
| Dy | 9.05 | 1.88 | 2.71 | 3.85 | 1.46 | 4.42 | 4.33 | 3.66 | 2.68 |
| Ho | 1.89 | 0.33 | 0.47 | 0.74 | 0.28 | 0.88 | 0.80 | 0.72 | 0.47 |
| Er | 5.59 | 0.88 | 1.22 | 2.31 | 0.81 | 2.65 | 2.33 | 2.21 | 1.24 |
| Tm | 0.87 | 0.13 | 0.18 | 0.38 | 0.13 | 0.44 | 0.38 | 0.37 | 0.18 |
| Yb | 5.36 | 0.79 | 1.08 | 2.36 | 0.83 | 2.71 | 2.40 | 2.22 | 1.08 |
| Lu | 0.82 | 0.12 | 0.16 | 0.38 | 0.12 | 0.39 | 0.37 | 0.34 | 0.16 |
| Hf | 8.29 | 4.83 | 5.10 | 7.85 | 1.35 | 4.97 | 3.79 | 2.24 | 5.62 |
| Ta | 1.01 | 1.23 | 0.76 | 1.03 | 1.05 | 1.01 | 1.03 | 1.43 | 1.62 |
| Tl | 0.75 | 0.57 | 0.68 | 0.60 | 0.91 | 0.62 | 1.42 | 0.65 | 0.71 |
| Pb | 8.74 | 16.7 | 14.5 | 23.8 | 33.6 | 13.4 | 252 | 36.9 | 24.7 |
| Th | 12.7 | 7.93 | 11.8 | 19.8 | 3.50 | 15.2 | 35.8 | 11.6 | 18.5 |
| U | 1.34 | 2.62 | 1.74 | 3.22 | 1.40 | 5.01 | 5.38 | 1.63 | 2.16 |
| La/Yb | 8.67 | 8.94 | 9.08 | 9.16 | 9.22 | 9.26 | 9.29 | 9.31 | 9.33 |
| Eu/Eu\* | 2.07 | 2.53 | 2.99 | 3.44 | 3.90 | 4.35 | 4.81 | 5.27 | 5.72 |