Supplement of

# Silicon redistribution and promoted low-latitude diatom growth after Atlantic circulation recovered from deglacial meltwater discharge

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**Table S1.** Opal mass accumulation rates (MAR) of equatorial Atlantic sediment cores (19 cores, 115 samples) compiled from published studies (see Sect. 2.4 of the main text). Ages in ka before present; longitudes in degrees east (0–360).

| Core | Latitude (°N) | Longitude (°E) | Age (ka) | Opal MAR (g opal $cm^{-2}$ $kyr^{-1}$) |
|---|---|---|---|---|
| 38GGC | 4.9 | 339.5 | 2.3 | 0.04 |
| 38GGC | 4.9 | 339.5 | 4.3 | 0.035 |
| 38GGC | 4.9 | 339.5 | 19.2 | 0.076 |
| 38GGC | 4.9 | 339.5 | 22.2 | 0.13 |
| 38GGC | 4.9 | 339.5 | 23.8 | 0.075 |
| 55GGC | 4.9 | 317.1 | 2.6 | 0.044 |
| 55GGC | 4.9 | 317.1 | 5 | 0.059 |
| 55GGC | 4.9 | 317.1 | 19.5 | 0.079 |
| 55GGC | 4.9 | 317.1 | 21.7 | 0.17 |
| 55GGC | 4.9 | 317.1 | 22.9 | 0.085 |
| 58GGC | 4.8 | 317 | 1.8 | 0.046 |
| 58GGC | 4.8 | 317 | 2.9 | 0.053 |
| 58GGC | 4.8 | 317 | 5 | 0.057 |
| 58GGC | 4.8 | 317 | 19.1 | 0.076 |
| 58GGC | 4.8 | 317 | 20.9 | 0.066 |
| 58GGC | 4.8 | 317 | 22.2 | 0.12 |
| 71GGC | 4.4 | 316.3 | 1.7 | 0.045 |
| 71GGC | 4.4 | 316.3 | 2.5 | 0.037 |
| 71GGC | 4.4 | 316.3 | 22.1 | 0.089 |
| 82GGC | 4.3 | 316.5 | 1.4 | 0.033 |
| 82GGC | 4.3 | 316.5 | 4.7 | 0.034 |
| 82GGC | 4.3 | 316.5 | 6.9 | 0.032 |
| 82GGC | 4.3 | 316.5 | 21.2 | 0.068 |
| 82GGC | 4.3 | 316.5 | 23.8 | 0.081 |
| GeoB1515-1 | 4.238 | 316.333 | 0.6 | 0.011 |
| GeoB1515-1 | 4.238 | 316.333 | 4.4 | 0.011 |
| GeoB1515-1 | 4.238 | 316.333 | 19 | 0.037 |
| GeoB1515-1 | 4.238 | 316.333 | 20.9 | 0.031 |
| GeoB1515-1 | 4.238 | 316.333 | 24 | 0.044 |
| GeoB1523-1 | 3.832 | 318.378 | 0.5 | 0.03 |
| GeoB1523-1 | 3.832 | 318.378 | 3.3 | 0.008 |
| GeoB1523-1 | 3.832 | 318.378 | 6.5 | 0.02 |
| GeoB1523-1 | 3.832 | 318.378 | 23.5 | 0.037 |
| MD09-3242 | -4.2 | 322.2 | 0.8 | 0.01 |
| MD09-3253 | -2.4 | 324.5 | 0.2 | 0.024 |
| MD09-3254 | -2.8 | 324.6 | 0.2 | 0.023 |
| MD09-3256 | -3.547 | 324.615 | 0.2 | 0.02 |
| MD09-3257 | -4.3 | 323.6 | 0.2 | 0.02 |
| RC24-01 | 0.55 | 346.35 | 4.41 | 0.0048 |
| RC24-01 | 0.55 | 346.35 | 6.73 | 0.0083 |
| RC24-01 | 0.55 | 346.35 | 8.31 | 0.0315 |

| Core | Latitude (°N) | Longitude (°E) | Age (ka) | Opal MAR (g opal $cm^{-2}$ $kyr^{-1}$) |
|---|---|---|---|---|
| RC24-01 | 0.55 | 346.35 | 10.08 | 0.0204 |
| RC24-01 | 0.55 | 346.35 | 11.6 | 0.065 |
| RC24-01 | 0.55 | 346.35 | 13.12 | 0.0738 |
| RC24-01 | 0.55 | 346.35 | 14.64 | 0.125 |
| RC24-01 | 0.55 | 346.35 | 15.87 | 0.1172 |
| RC24-01 | 0.55 | 346.35 | 17.03 | 0.0886 |
| RC24-01 | 0.55 | 346.35 | 20.9 | 0.0993 |
| RC24-01 | 0.55 | 346.35 | 24.57 | 0.1069 |
| RC24-07 | -1.333 | 348.083 | 1.89 | 0.052 |
| RC24-07 | -1.333 | 348.083 | 4.43 | 0.0466 |
| RC24-07 | -1.333 | 348.083 | 7.16 | 0.05 |
| RC24-07 | -1.333 | 348.083 | 9.73 | 0.1068 |
| RC24-07 | -1.333 | 348.083 | 10.83 | 0.0993 |
| RC24-07 | -1.333 | 348.083 | 12.11 | 0.1011 |
| RC24-07 | -1.333 | 348.083 | 13.03 | 0.108 |
| RC24-07 | -1.333 | 348.083 | 13.94 | 0.1341 |
| RC24-07 | -1.333 | 348.083 | 15.8 | 0.1361 |
| RC24-07 | -1.333 | 348.083 | 20.97 | 0.0986 |
| RC24-12 | -3.01 | 348.583 | 1.79 | 0.0395 |
| RC24-12 | -3.01 | 348.583 | 4.1 | 0.0374 |
| RC24-12 | -3.01 | 348.583 | 6.75 | 0.0339 |
| RC24-12 | -3.01 | 348.583 | 9.88 | 0.0372 |
| RC24-12 | -3.01 | 348.583 | 10.99 | 0.0511 |
| RC24-12 | -3.01 | 348.583 | 11.91 | 0.0531 |
| RC24-12 | -3.01 | 348.583 | 13.2 | 0.059 |
| RC24-12 | -3.01 | 348.583 | 14.96 | 0.0663 |
| RC24-12 | -3.01 | 348.583 | 17.53 | 0.0476 |
| RC24-12 | -3.01 | 348.583 | 19.46 | 0.0395 |
| RC24-12 | -3.01 | 348.583 | 21.57 | 0.0399 |
| RC24-12 | -3.01 | 348.583 | 24.47 | 0.0333 |
| RC16-66 | 0.75 | 323.383 | 2.35 | 0.0316 |
| RC16-66 | 0.75 | 323.383 | 5.44 | 0.0338 |
| RC16-66 | 0.75 | 323.383 | 6.91 | 0.032 |
| RC16-66 | 0.75 | 323.383 | 9.48 | 0.0347 |
| RC16-66 | 0.75 | 323.383 | 12.46 | 0.0429 |
| RC16-66 | 0.75 | 323.383 | 13.62 | 0.0575 |
| RC16-66 | 0.75 | 323.383 | 15.02 | 0.0669 |
| RC16-66 | 0.75 | 323.383 | 16.18 | 0.0481 |
| RC16-66 | 0.75 | 323.383 | 17.8 | 0.0554 |
| RC16-66 | 0.75 | 323.383 | 19.96 | 0.0754 |
| RC16-66 | 0.75 | 323.383 | 22.23 | 0.0818 |
| RC13-189 | 1.87 | 330 | 2.82 | 0.0141 |
| RC13-189 | 1.87 | 330 | 5.45 | 0.0058 |
| RC13-189 | 1.87 | 330 | 7.75 | 0.014 |
| RC13-189 | 1.87 | 330 | 10.13 | 0.0247 |
| RC13-189 | 1.87 | 330 | 11.21 | 0.026 |
| RC13-189 | 1.87 | 330 | 12.92 | 0.0384 |
| RC13-189 | 1.87 | 330 | 13.76 | 0.0414 |
| RC13-189 | 1.87 | 330 | 14.71 | 0.0463 |
| RC13-189 | 1.87 | 330 | 18.66 | 0.0671 |
| RC13-189 | 1.87 | 330 | 20.78 | 0.0763 |
| RC13-189 | 1.87 | 330 | 22.93 | 0.0655 |
| V30-40 | -0.2 | 336.85 | 1.52 | 0.0345 |

| Core | Latitude (°N) | Longitude (°E) | Age (ka) | Opal MAR (g opal $cm^{-2}$ $kyr^{-1}$) |
|---|---|---|---|---|
| V30-40 | -0.2 | 336.85 | 5.08 | 0.024 |
| V30-40 | -0.2 | 336.85 | 7.47 | 0.0213 |
| V30-40 | -0.2 | 336.85 | 10.97 | 0.0388 |
| V30-40 | -0.2 | 336.85 | 12.27 | 0.0509 |
| V30-40 | -0.2 | 336.85 | 12.93 | 0.0675 |
| V30-40 | -0.2 | 336.85 | 13.99 | 0.0689 |
| V30-40 | -0.2 | 336.85 | 15.82 | 0.0616 |
| V30-40 | -0.2 | 336.85 | 18.56 | 0.0435 |
| V30-40 | -0.2 | 336.85 | 20.75 | 0.0603 |
| V30-40 | -0.2 | 336.85 | 22.5 | 0.0407 |
| V22-182 | -0.53 | 342.73 | 0.87 | 0.0274 |
| V22-182 | -0.53 | 342.73 | 3.81 | 0.027 |
| V22-182 | -0.53 | 342.73 | 7.41 | 0.0282 |
| V22-182 | -0.53 | 342.73 | 9.16 | 0.0472 |
| V22-182 | -0.53 | 342.73 | 11.01 | 0.0468 |
| V22-182 | -0.53 | 342.73 | 12.18 | 0.0558 |
| V22-182 | -0.53 | 342.73 | 13.35 | 0.0621 |
| V22-182 | -0.53 | 342.73 | 14.69 | 0.0878 |
| V22-182 | -0.53 | 342.73 | 18.64 | 0.0593 |
| V22-182 | -0.53 | 342.73 | 21.14 | 0.0674 |
| V22-182 | -0.53 | 342.73 | 24.19 | 0.0454 |

**Table S2.** Opal mass accumulation rates (MAR) of equatorial Pacific sediment cores (22 cores, 256 samples) compiled from published studies (see Sect. 2.4 of the main text). Ages in ka before present; longitudes in degrees east (0–360).

| Core | Latitude (°N) | Longitude (°E) | Age (ka) | Opal MAR (g opal $cm^{-2}$ $kyr^{-1}$) |
|---|---|---|---|---|
| V19-30 | -3.383 | 276.483 | 0 | 0.2714 |
| V19-30 | -3.383 | 276.483 | 3.78 | 0.2465 |
| V19-30 | -3.383 | 276.483 | 5.66 | 0.2168 |
| V19-30 | -3.383 | 276.483 | 6.95 | 0.2219 |
| V19-30 | -3.383 | 276.483 | 7.96 | 0.2779 |
| V19-30 | -3.383 | 276.483 | 10.16 | 0.363 |
| V19-30 | -3.383 | 276.483 | 12.32 | 0.3532 |
| V19-30 | -3.383 | 276.483 | 13.51 | 0.3424 |
| V19-30 | -3.383 | 276.483 | 14.28 | 0.3513 |
| V19-30 | -3.383 | 276.483 | 15.24 | 0.2827 |
| V19-30 | -3.383 | 276.483 | 16.11 | 0.2283 |
| V19-30 | -3.383 | 276.483 | 16.83 | 0.2237 |
| V19-30 | -3.383 | 276.483 | 17.38 | 0.2059 |
| V19-30 | -3.383 | 276.483 | 18.5 | 0.1919 |
| V19-30 | -3.383 | 276.483 | 19.45 | 0.1928 |
| V19-30 | -3.383 | 276.483 | 20.33 | 0.2074 |
| V19-30 | -3.383 | 276.483 | 21.6 | 0.2922 |
| RC13-140 | 2.867 | 272.25 | 1.46 | 0.0637 |
| RC13-140 | 2.867 | 272.25 | 2.48 | 0.0776 |
| RC13-140 | 2.867 | 272.25 | 3.7 | 0.06 |
| RC13-140 | 2.867 | 272.25 | 5.54 | 0.0594 |
| RC13-140 | 2.867 | 272.25 | 10.01 | 0.0714 |
| RC13-140 | 2.867 | 272.25 | 11.93 | 0.0728 |
| RC13-140 | 2.867 | 272.25 | 13.39 | 0.0565 |
| RC13-140 | 2.867 | 272.25 | 16.95 | 0.055 |
| RC13-140 | 2.867 | 272.25 | 18.9 | 0.0286 |
| RC13-140 | 2.867 | 272.25 | 20.53 | 0.0661 |
| RC13-140 | 2.867 | 272.25 | 21.79 | 0.0617 |
| RC13-140 | 2.867 | 272.25 | 23.19 | 0.0692 |
| RC11-238 | -1.517 | 274.183 | 4.27 | 0.1052 |
| RC11-238 | -1.517 | 274.183 | 4.91 | 0.1083 |
| RC11-238 | -1.517 | 274.183 | 5.56 | 0.1012 |
| RC11-238 | -1.517 | 274.183 | 6.2 | 0.1144 |
| RC11-238 | -1.517 | 274.183 | 8.73 | 0.1429 |
| RC11-238 | -1.517 | 274.183 | 10.72 | 0.1707 |
| RC11-238 | -1.517 | 274.183 | 14.69 | 0.1098 |
| RC11-238 | -1.517 | 274.183 | 16.98 | 0.0764 |
| RC11-238 | -1.517 | 274.183 | 19 | 0.0534 |
| RC11-238 | -1.517 | 274.183 | 20.68 | 0.0205 |
| RC11-238 | -1.517 | 274.183 | 22.53 | 0.0812 |
| RC11-238 | -1.517 | 274.183 | 24.04 | 0.0891 |
| RC13-114 | -1.65 | 256.37 | 3.23 | 0.1281 |
| RC13-114 | -1.65 | 256.37 | 4.12 | 0.1277 |
| RC13-114 | -1.65 | 256.37 | 4.83 | 0.1376 |
| RC13-114 | -1.65 | 256.37 | 5.72 | 0.1305 |
| RC13-114 | -1.65 | 256.37 | 6.62 | 0.1389 |
| RC13-114 | -1.65 | 256.37 | 7.51 | 0.1407 |
| RC13-114 | -1.65 | 256.37 | 8.46 | 0.1441 |
| RC13-114 | -1.65 | 256.37 | 9.66 | 0.136 |

| Core | Latitude (°N) | Longitude (°E) | Age (ka) | Opal MAR (g opal $cm^{-2}$ $kyr^{-1}$) |
|---|---|---|---|---|
| RC13-114 | -1.65 | 256.37 | 11.09 | 0.1387 |
| RC13-114 | -1.65 | 256.37 | 12.4 | 0.1233 |
| RC13-114 | -1.65 | 256.37 | 14.18 | 0.1343 |
| RC13-114 | -1.65 | 256.37 | 15.6 | 0.1139 |
| RC13-114 | -1.65 | 256.37 | 17.37 | 0.0815 |
| RC13-114 | -1.65 | 256.37 | 19.14 | 0.0593 |
| RC13-114 | -1.65 | 256.37 | 20.92 | 0.0595 |
| RC13-114 | -1.65 | 256.37 | 22.69 | 0.0696 |
| RC13-114 | -1.65 | 256.37 | 24.48 | 0.0727 |
| TT013-PC18 | -1.84 | 220.29 | 14.4 | 0.053 |
| TT013-PC18 | -1.84 | 220.29 | 19.16 | 0.0468 |
| TT013-PC18 | -1.84 | 220.29 | 23.92 | 0.0253 |
| TT013-PC72 | 0.11 | 220.6 | 4.86 | 0.0532 |
| TT013-PC72 | 0.11 | 220.6 | 4.94 | 0.0586 |
| TT013-PC72 | 0.11 | 220.6 | 6.43 | 0.0823 |
| TT013-PC72 | 0.11 | 220.6 | 8.86 | 0.068 |
| TT013-PC72 | 0.11 | 220.6 | 12.32 | 0.066 |
| TT013-PC72 | 0.11 | 220.6 | 13.92 | 0.0722 |
| TT013-PC72 | 0.11 | 220.6 | 13.92 | 0.0757 |
| TT013-PC72 | 0.11 | 220.6 | 16.33 | 0.0456 |
| TT013-PC72 | 0.11 | 220.6 | 16.33 | 0.0497 |
| TT013-PC72 | 0.11 | 220.6 | 17.42 | 0.051 |
| TT013-PC72 | 0.11 | 220.6 | 19.23 | 0.0419 |
| TT013-PC72 | 0.11 | 220.6 | 22.4 | 0.0324 |
| TT013-PC72 | 0.11 | 220.6 | 22.4 | 0.0342 |
| TT013-PC72 | 0.11 | 220.6 | 24.31 | 0.0288 |
| RC17-177 | 1.45 | 159.45 | 0 | 0.0211 |
| RC17-177 | 1.45 | 159.45 | 4 | 0.0217 |
| RC17-177 | 1.45 | 159.45 | 7.33 | 0.0195 |
| RC17-177 | 1.45 | 159.45 | 10.58 | 0.0162 |
| RC17-177 | 1.45 | 159.45 | 13.5 | 0.0174 |
| RC17-177 | 1.45 | 159.45 | 16.42 | 0.0153 |
| RC17-177 | 1.45 | 159.45 | 18.09 | 0.0155 |
| RC17-177 | 1.45 | 159.45 | 19.45 | 0.0144 |
| RC17-177 | 1.45 | 159.45 | 20.84 | 0.0115 |
| RC17-177 | 1.45 | 159.45 | 22.25 | 0.0111 |
| RC17-177 | 1.45 | 159.45 | 23.66 | 0.0124 |
| V28-203 | 0.95 | 180.583 | 0.25 | 0.0221 |
| V28-203 | 0.95 | 180.583 | 4.52 | 0.0345 |
| V28-203 | 0.95 | 180.583 | 9.04 | 0.0393 |
| V28-203 | 0.95 | 180.583 | 22.55 | 0.0095 |
| MD2138 | -1.25 | 146.24 | 2.8 | 0.0223 |
| MD2138 | -1.25 | 146.24 | 3.5 | 0.0443 |
| MD2138 | -1.25 | 146.24 | 5.7 | 0.0466 |
| MD2138 | -1.25 | 146.24 | 6.8 | 0.0406 |
| MD2138 | -1.25 | 146.24 | 12.3 | 0.0505 |
| MD2138 | -1.25 | 146.24 | 16.3 | 0.0623 |
| MD2138 | -1.25 | 146.24 | 17.1 | 0.0703 |
| MD2138 | -1.25 | 146.24 | 18.6 | 0.0788 |
| MD2138 | -1.25 | 146.24 | 19.4 | 0.0707 |
| MD2138 | -1.25 | 146.24 | 21.9 | 0.0678 |
| MD2138 | -1.25 | 146.24 | 24.7 | 0.0525 |
| MW91-9 | 0 | 161 | 0.63 | 0.0197 |

| Core | Latitude (°N) | Longitude (°E) | Age (ka) | Opal MAR (g opal $cm^{-2}$ $kyr^{-1}$) |
|---|---|---|---|---|
| MW91-9 | 0 | 161 | 5.66 | 0.0211 |
| MW91-9 | 0 | 161 | 3.78 | 0.0243 |
| MW91-9 | 0 | 161 | 6.97 | 0.0245 |
| MW91-9 | 0 | 161 | 8.99 | 0.0243 |
| MW91-9 | 0 | 161 | 11.31 | 0.0267 |
| MW91-9 | 0 | 161 | 13.79 | 0.0248 |
| MW91-9 | 0 | 161 | 16.27 | 0.0274 |
| MW91-9 | 0 | 161 | 18.72 | 0.0295 |
| MW91-9 | 0 | 161 | 21.18 | 0.0297 |
| MW91-9 | 0 | 161 | 24.77 | 0.0322 |
| V21-40 | -5.517 | 253.233 | 4.35 | 0.06 |
| V21-40 | -5.517 | 253.233 | 8.62 | 0.083 |
| V21-40 | -5.517 | 253.233 | 12.99 | 0.077 |
| V21-40 | -5.517 | 253.233 | 12.99 | 0.073 |
| V21-40 | -5.517 | 253.233 | 13.86 | 0.095 |
| V21-40 | -5.517 | 253.233 | 14.74 | 0.111 |
| V21-40 | -5.517 | 253.233 | 15.61 | 0.107 |
| V21-40 | -5.517 | 253.233 | 17.05 | 0.078 |
| V21-40 | -5.517 | 253.233 | 20.36 | 0.072 |
| V21-40 | -5.517 | 253.233 | 23.15 | 0.085 |
| Y71-9-101 | -6.383 | 253.067 | 5.1 | 0.234 |
| Y71-9-101 | -6.383 | 253.067 | 7.26 | 0.161 |
| Y71-9-101 | -6.383 | 253.067 | 9.66 | 0.283 |
| Y71-9-101 | -6.383 | 253.067 | 12.6 | 0.255 |
| Y71-9-101 | -6.383 | 253.067 | 14.51 | 0.295 |
| Y71-9-101 | -6.383 | 253.067 | 16 | 0.287 |
| Y71-9-101 | -6.383 | 253.067 | 17.5 | 0.204 |
| Y71-9-101 | -6.383 | 253.067 | 20.19 | 0.274 |
| Y71-9-101 | -6.383 | 253.067 | 21.58 | 0.217 |
| Y71-9-101 | -6.383 | 253.067 | 23.18 | 0.251 |
| Y71-9-101 | -6.383 | 253.067 | 23.68 | 0.294 |
| Y71-9-101 | -6.383 | 253.067 | 24.26 | 0.23 |
| VNT01-8PC | 0.033 | 249.517 | 4.04 | 0.076 |
| VNT01-8PC | 0.033 | 249.517 | 10.84 | 0.058 |
| VNT01-8PC | 0.033 | 249.517 | 13.94 | 0.049 |
| VNT01-8PC | 0.033 | 249.517 | 15.3 | 0.031 |
| VNT01-8PC | 0.033 | 249.517 | 16.95 | 0.03 |
| VNT01-8PC | 0.033 | 249.517 | 18.04 | 0.03 |
| VNT01-8PC | 0.033 | 249.517 | 20.27 | 0.033 |
| VNT01-8PC | 0.033 | 249.517 | 22.97 | 0.038 |
| ODP846B | -3.095 | 269.182 | 7.5 | 0.1416 |
| ODP846B | -3.095 | 269.182 | 10.94 | 0.1871 |
| ODP846B | -3.095 | 269.182 | 12.34 | 0.2288 |
| ODP846B | -3.095 | 269.182 | 13.49 | 0.1984 |
| ODP846B | -3.095 | 269.182 | 15.27 | 0.2524 |
| ODP846B | -3.095 | 269.182 | 17.39 | 0.2374 |
| ODP846B | -3.095 | 269.182 | 18.24 | 0.2483 |
| ODP846B | -3.095 | 269.182 | 19.29 | 0.253 |
| ODP846B | -3.095 | 269.182 | 21.2 | 0.2151 |
| ODP846B | -3.095 | 269.182 | 21.82 | 0.1805 |
| ODP846B | -3.095 | 269.182 | 22.74 | 0.209 |
| ODP846B | -3.095 | 269.182 | 23.67 | 0.3054 |
| ODP846B | -3.095 | 269.182 | 24.6 | 0.2329 |

| Core | Latitude (°N) | Longitude (°E) | Age (ka) | Opal MAR (g opal $cm^{-2}$ $kyr^{-1}$) |
|---|---|---|---|---|
| ODP849B | 0.183 | 249.49 | 4.18 | 0.1065 |
| ODP849B | 0.183 | 249.49 | 8.51 | 0.1366 |
| ODP849B | 0.183 | 249.49 | 9.67 | 0.0839 |
| ODP849B | 0.183 | 249.49 | 11.26 | 0.1047 |
| ODP849B | 0.183 | 249.49 | 12.99 | 0.048 |
| ODP849B | 0.183 | 249.49 | 14.86 | 0.0364 |
| ODP849B | 0.183 | 249.49 | 16.23 | 0.0545 |
| ODP849B | 0.183 | 249.49 | 19.14 | 0.079 |
| ODP849B | 0.183 | 249.49 | 21.21 | 0.0857 |
| ODP849B | 0.183 | 249.49 | 24.36 | 0.05 |
| MW91-9GCC38 | -0.005 | 200.633 | 3 | 0.0313 |
| MW91-9GCC38 | -0.005 | 200.633 | 7.5 | 0.0449 |
| MW91-9GCC38 | -0.005 | 200.633 | 8.8 | 0.036 |
| MW91-9GCC38 | -0.005 | 200.633 | 10.1 | 0.0379 |
| MW91-9GCC38 | -0.005 | 200.633 | 11.4 | 0.0341 |
| MW91-9GCC38 | -0.005 | 200.633 | 12.7 | 0.0346 |
| MW91-9GCC38 | -0.005 | 200.633 | 14 | 0.0293 |
| MW91-9GCC38 | -0.005 | 200.633 | 16.25 | 0.0206 |
| MW91-9GCC38 | -0.005 | 200.633 | 18.5 | 0.021 |
| MW91-9GCC38 | -0.005 | 200.633 | 20.75 | 0.0231 |
| MW91-9GCC38 | -0.005 | 200.633 | 23 | 0.0252 |
| ODP202-1240 | -0.02 | 273.54 | 2.5 | 0.2 |
| ODP202-1240 | -0.02 | 273.54 | 4 | 0.22 |
| ODP202-1240 | -0.02 | 273.54 | 7.5 | 0.21 |
| ODP202-1240 | -0.02 | 273.54 | 10 | 0.29 |
| ODP202-1240 | -0.02 | 273.54 | 12 | 0.3 |
| ODP202-1240 | -0.02 | 273.54 | 15 | 0.31 |
| ODP202-1240 | -0.02 | 273.54 | 17 | 0.32 |
| ODP202-1240 | -0.02 | 273.54 | 19 | 0.22 |
| ODP202-1240 | -0.02 | 273.54 | 20.5 | 0.17 |
| ODP202-1240 | -0.02 | 273.54 | 21.5 | 0.14 |
| ODP202-1240 | -0.02 | 273.54 | 23 | 0.12 |
| ODP202-1240 | -0.02 | 273.54 | 25 | 0.1 |
| ME0005A-24JC | 0.022 | 273.537 | 2.02 | 0.127 |
| ME0005A-24JC | 0.022 | 273.537 | 4.34 | 0.142 |
| ME0005A-24JC | 0.022 | 273.537 | 6.16 | 0.143 |
| ME0005A-24JC | 0.022 | 273.537 | 7.66 | 0.15 |
| ME0005A-24JC | 0.022 | 273.537 | 8.28 | 0.191 |
| ME0005A-24JC | 0.022 | 273.537 | 10.24 | 0.191 |
| ME0005A-24JC | 0.022 | 273.537 | 10.95 | 0.252 |
| ME0005A-24JC | 0.022 | 273.537 | 11.34 | 0.338 |
| ME0005A-24JC | 0.022 | 273.537 | 11.94 | 0.311 |
| ME0005A-24JC | 0.022 | 273.537 | 12.15 | 0.279 |
| ME0005A-24JC | 0.022 | 273.537 | 12.96 | 0.304 |
| ME0005A-24JC | 0.022 | 273.537 | 13.43 | 0.27 |
| ME0005A-24JC | 0.022 | 273.537 | 13.43 | 0.274 |
| ME0005A-24JC | 0.022 | 273.537 | 14.23 | 0.292 |
| ME0005A-24JC | 0.022 | 273.537 | 14.47 | 0.277 |
| ME0005A-24JC | 0.022 | 273.537 | 14.92 | 0.306 |
| ME0005A-24JC | 0.022 | 273.537 | 15.61 | 0.316 |
| ME0005A-24JC | 0.022 | 273.537 | 16.69 | 0.195 |
| ME0005A-24JC | 0.022 | 273.537 | 17.56 | 0.204 |
| ME0005A-24JC | 0.022 | 273.537 | 18.25 | 0.205 |

| Core | Latitude (°N) | Longitude (°E) | Age (ka) | Opal MAR (g opal $cm^{-2}$ $kyr^{-1}$) |
|---|---|---|---|---|
| ME0005A-24JC | 0.022 | 273.537 | 19.2 | 0.177 |
| ME0005A-24JC | 0.022 | 273.537 | 21.4 | 0.212 |
| ME0005A-24JC | 0.022 | 273.537 | 23.46 | 0.198 |
| ME0005A-27JC | -1.853 | 277.213 | 0.94 | 0.23 |
| ME0005A-27JC | -1.853 | 277.213 | 3.41 | 0.234 |
| ME0005A-27JC | -1.853 | 277.213 | 5.35 | 0.267 |
| ME0005A-27JC | -1.853 | 277.213 | 7.96 | 0.204 |
| ME0005A-27JC | -1.853 | 277.213 | 9.2 | 0.259 |
| ME0005A-27JC | -1.853 | 277.213 | 10.59 | 0.294 |
| ME0005A-27JC | -1.853 | 277.213 | 11.99 | 0.324 |
| ME0005A-27JC | -1.853 | 277.213 | 13.24 | 0.306 |
| ME0005A-27JC | -1.853 | 277.213 | 14.31 | 0.284 |
| ME0005A-27JC | -1.853 | 277.213 | 15.54 | 0.261 |
| ME0005A-27JC | -1.853 | 277.213 | 16.72 | 0.246 |
| ME0005A-27JC | -1.853 | 277.213 | 19.23 | 0.15 |
| ME0005A-27JC | -1.853 | 277.213 | 23.37 | 0.139 |
| ME0005A-27JC | -1.853 | 277.213 | 23.37 | 0.136 |
| TR163-19P | 2.258 | 269.048 | 4.35 | 0.06 |
| TR163-19P | 2.258 | 269.048 | 8.62 | 0.082 |
| TR163-19P | 2.258 | 269.048 | 12.99 | 0.077 |
| TR163-19P | 2.258 | 269.048 | 12.99 | 0.073 |
| TR163-19P | 2.258 | 269.048 | 13.86 | 0.095 |
| TR163-19P | 2.258 | 269.048 | 14.74 | 0.111 |
| TR163-19P | 2.258 | 269.048 | 15.61 | 0.107 |
| TR163-19P | 2.258 | 269.048 | 17.05 | 0.078 |
| TR163-19P | 2.258 | 269.048 | 20.36 | 0.072 |
| TR163-19P | 2.258 | 269.048 | 23.15 | 0.08 |
| TR163-22P | 0.515 | 267.602 | 3.7 | 0.254 |
| TR163-22P | 0.515 | 267.602 | 11.1 | 0.302 |
| TR163-22P | 0.515 | 267.602 | 19.2 | 0.301 |
| TR163-22P | 0.515 | 267.602 | 23 | 0.384 |
| TR163-31P | -3.619 | 276.029 | 5.1 | 0.233 |
| TR163-31P | -3.619 | 276.029 | 7.19 | 0.161 |
| TR163-31P | -3.619 | 276.029 | 8.56 | 0.234 |
| TR163-31P | -3.619 | 276.029 | 9.66 | 0.283 |
| TR163-31P | -3.619 | 276.029 | 12.5 | 0.255 |
| TR163-31P | -3.619 | 276.029 | 13.54 | 0.331 |
| TR163-31P | -3.619 | 276.029 | 14.51 | 0.295 |
| TR163-31P | -3.619 | 276.029 | 16 | 0.287 |
| TR163-31P | -3.619 | 276.029 | 17.45 | 0.204 |
| TR163-31P | -3.619 | 276.029 | 18.89 | 0.168 |
| TR163-31P | -3.619 | 276.029 | 19.7 | 0.198 |
| TR163-31P | -3.619 | 276.029 | 20.19 | 0.274 |
| TR163-31P | -3.619 | 276.029 | 20.94 | 0.166 |
| TR163-31P | -3.619 | 276.029 | 21.58 | 0.217 |
| TR163-31P | -3.619 | 276.029 | 23.19 | 0.251 |
| TR163-31P | -3.619 | 276.029 | 23.71 | 0.294 |
| TR163-31P | -3.619 | 276.029 | 24.29 | 0.23 |