**Supplementary material for:** Maccali J., Hillaire-Marcel C. & Not C. 2018. Radiogenic isotope (Nd, Pb, Sr) signatures of surface and sea ice-transported sediments from the Arctic Ocean under the present interglacial conditions. *Polar Research 37.* Contact: Jenny Maccali, Geotop-UQÀM, CP 8888, Succ. Centre-Ville, Montreal, QC H3C 3P8, Canada, [jenny.maccali@gmail.com](mailto:jenny.maccali@gmail.com)

**Supplementary Table S1.** Sediment samples (bulk and detrital) listed in this table are from the literature, as indicated in the notes below the table. Samples were collected at different water depths, from shallow continental margins, deep ridges or river bed. Data from Asahara et al. (2012) and Maccali et al. (2012) are from detrital residues; all other samples were treated as bulk. In most cases, only two isotopic systems were performed; exceptions are Winter et al. (1997) and Haley et al. (2008), who provided results from the three isotopic systems. Sea-ice sediment data from Tütken et al. (2002) are also listed in the lower section of the table.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | Water depth (m) | Depth (cm) | Lat. (°N) | Long. (°E) | 87Sr/86Sr | ± | 144Nd/143Nd | ± | εNd | 208Pb/204Pb | 207Pb/204Pb | 206Pb/204Pb |
| 19 (total)a | – | 0 - 1 | 85.309 | -144.048 | – | – | 0.512020 | 0.000009 | -12.2 | 18.62500 | 15.61100 | 38.53800 |
| 20 (total)a | – | 2 - 3 | 84.125 | -112.217 | 0.725062 | 0.000007 | 0.512029 | 0.000009 | -12.0 | 18.98100 | 15.65500 | 38.90000 |
| 20 silicatea | – | 2 - 3 | 84.125 | -112.217 | 0.725009 | 0.000008 | 0.511979 | 0.000009 | -13.0 | 19.00600 | 15.62000 | 38.96400 |
| 21 (total)a | – | 0 - 1 | 84.828 | -99.510 | – | – | 0.511966 | 0.000008 | -13.3 | 19.02400 | 15.66600 | 38.98300 |
| MC12ex (detrital)b | 53 | 0 - 1 | 73.600 | -166.001 | 0.712150 | 0.000017 | 0.512142 | 0.000008 | -9.7 | – | – | – |
| MC12 (detrital)b | 51 | 0 - 1 | 72.432 | -166.964 | 0.714991 | 0.000016 | 0.512134 | 0.000009 | -9.8 | – | – | – |
| MC13 (detrital)b | 46 | 0 - 1 | 72.001 | -166.000 | 0.711208 | 0.000016 | 0.512182 | 0.000015 | -8.9 | – | – | – |
| MC14 (detrital)b | 43 | 0 - 1 | 71.000 | -165.998 | 0.711837 | 0.000014 | 0.512121 | 0.000007 | -10.1 | – | – | – |
| MC15 (detrital)b | 48 | 0 - 1 | 70.000 | -168.000 | 0.712221 | 0.000017 | 0.512214 | 0.000007 | -8.3 | – | – | – |
| MC16 (detrital)b | 54 | 0 - 1 | 68.501 | -167.999 | 0.711543 | 0.000014 | 0.512137 | 0.000008 | -9.8 | – | – | – |
| MC17 (detrital)b | 40 | 0 - 1 | 67.000 | -166.999 | 0.710597 | 0.000016 | 0.512196 | 0.000008 | -8.6 | – | – | – |
| MC18 (detrital)b | 35 | 0 - 1 | 64.000 | -169.003 | 0.709106 | 0.000016 | 0.512267 | 0.000008 | -7.2 | – | – | – |
| MC19 (detrital)b | 33 | 0 - 1 | 63.000 | -167.499 | 0.708343 | 0.000016 | 0.512259 | 0.000007 | -7.4 | – | – | – |
| MC20 (detrital)b | 37 | 0 - 1 | 62.000 | -169.001 | 0.707837 | 0.000016 | 0.512263 | 0.000008 | -7.3 | – | – | – |
| MC21 (detrital)b | 56 | 0 - 1 | 62.001 | -172.001 | 0.708141 | 0.000014 | 0.512295 | 0.000009 | -6.7 | – | – | – |
| MC22 (detrital)b | 98 | 0 - 1 | 62.005 | -176.003 | 0.710879 | 0.000016 | 0.512197 | 0.000008 | -8.6 | – | – | – |
| MC23 (detrital)b | 1004 | 0 - 1 | 60.159 | -179.463 | 0.708350 | 0.000016 | 0.512261 | 0.000013 | -7.4 | – | – | – |
| MC24 (detrital)b | 85 | 0 - 1 | 60.262 | -179.422 | 0.708151 | 0.000017 | 0.512277 | 0.000012 | -7.0 | – | – | – |
| MC25 (detrital)b | 1158 | 0 - 1 | 60.075 | -179.463 | 0.708351 | 0.000014 | 0.512235 | 0.000009 | -7.9 | – | – | – |
| MC26 (detrital)b | 132 | 0 - 1 | 60.000 | -176.000 | 0.708887 | 0.000018 | 0.512267 | 0.000005 | -7.2 | – | – | – |
| MC29 (detrital)b | 51 | 0 - 1 | 58.500 | -167.501 | 0.707031 | 0.000016 | 0.512458 | 0.000010 | -3.5 | – | – | – |
| MC30 (detrital)b | 101 | 0 - 1 | 58.500 | -172.000 | 0.707944 | 0.000017 | 0.512251 | 0.000008 | -7.5 | – | – | – |
| MC31 (detrital)b | 74 | 0 - 1 | 58.383 | -170.001 | 0.707511 | 0.000016 | 0.512358 | 0.000007 | -5.5 | – | – | – |
| MC32 (detrital)b | 77 | 0 - 1 | 57.000 | -167.501 | 0.706625 | 0.000016 | 0.512390 | 0.000016 | -4.8 | – | – | – |
| MC33 (detrital)b | 130 | 0 - 1 | 55.774 | -166.227 | 0.704548 | 0.000016 | 0.512794 | 0.000008 | 3.0 | – | – | – |
| MC07 (detrital)b | 21.3 | 0 - 1 | 63.502 | -165.500 | 0.708685 | 0.000016 | 0.512213 | 0.000008 | -8.3 | – | – | – |
| MC14 (detrital)b | 34.2 | 0 - 1 | 69.300 | -137.509 | 0.732011 | 0.000014 | 0.511938 | 0.000008 | -13.7 | – | – | – |
| MC15 (detrital)b | 163 | 0 - 1 | 69.756 | -138.163 | 0.731472 | 0.000016 | 0.511886 | 0.000008 | -14.7 | – | – | – |
| HLY0503-12T (<20µm)c | 1585 | 0 - 0.5 | 83.291 | -171.958 | – | – | 0.512099 | 0.000006 | -10.5 | 18.80330 | 15.60340 | 38.75840 |
| Nk10 (bulk)d | – | 0 - 2 | 73.843 | 72.701 | 0.712367 | 0.000007 | 0.512243 | 0.000009 | -7.7 | – | – | – |
| Nk11 (bulk)d | – | 0 - 2 | 72.672 | 73.378 | 0.712418 | 0.000009 | 0.512227 | 0.000006 | -8.0 | – | – | – |
| Nk13 (bulk)d | – | 0 - 2 | 72.333 | 76.202 | 0.712358 | 0.000008 | 0.512273 | 0.000005 | -7.2 | – | – | – |
| Nk16 (bulk)d | – | 0 - 2 | 73.005 | 80.010 | 0.711492 | 0.000010 | 0.512268 | 0.000007 | -7.2 | – | – | – |
| Nk19 (bulk)d | – | 0 - 2 | 73.856 | 78.373 | 0.712135 | 0.000080 | 0.512280 | 0.000010 | -7.0 | – | – | – |
| Nk24 (bulk)d | – | 0 - 2 | 74.750 | 114.009 | 0.713274 | 0.000010 | 0.512144 | 0.000006 | -9.6 | – | – | – |
| Nk25 (bulk)d | – | 0 - 2 | 74.042 | 112.723 | 0.713627 | 0.000090 | 0.512009 | 0.000014 | -12.3 | – | – | – |
| Nk39 (bulk)d | – | 0 - 2 | 72.573 | 132.819 | 0.716584 | 0.000008 | 0.512006 | 0.000008 | -12.3 | – | – | – |
| Nk42 (bulk)d | – | 0 - 2 | 72.020 | 130.244 | 0.716178 | 0.000007 | 0.511980 | 0.000009 | -12.8 | – | – | – |
| Nk68 (bulk)d | – | 0 - 2 | 72.567 | 150.936 | 0.714501 | 0.000008 | 0.512039 | 0.000004 | -11.7 | – | – | – |
| Nk70 (bulk)d | – | 0 - 2 | 71.987 | 151.235 | 0.714378 | 0.000007 | 0.512036 | 0.000006 | -11.7 | – | – | – |
| PM9417  (bulk)e | 51 | 1 - 2 | 75.503 | 130.013 | 0.717360 | 0.000010 | – | – | -13.5 | – | – | – |
| PM9441 (bulk)e | 14 | 1 - 2 | 74.000 | 125.990 | 0.715520 | 0.000010 | – | – | -17.2 | – | – | – |
| PM9482 (bulk)e | 27 | 0 - 1 | 73.998 | 128.175 | 0.720070 | 0.000010 | – | – | -12.7 | – | – | – |
| PM94T3 (bulk)e | 110 | 0 - 1 | 77.070 | 99.220 | 0.715800 | 0.000010 | – | – | -8 | – | – | – |
| PM9402 (bulk)e | 47 | 0 - 1 | 75.490 | 115.248 | 0.714340 | 0.000010 | – | – | -10.6 | – | – | – |
| PS2450-2 (bulk)e | 152 | – | 78.033 | 102.308 | 0.715360 | 0.000010 | – | – | -8.6 | – | – | – |
| PS2453-2 (bulk)e | 38 | – | 76.508 | 133.355 | 0.717980 | 0.000010 | – | – | -12.1 | – | – | – |
| PS2461-2 (bulk)e | 73 | – | 77.910 | 133.555 | 0.716230 | 0.000010 | – | – | -11.4 | – | – | – |
| PS2463-3 (bulk)e | 92 | – | 77.030 | 126.413 | 0.715840 | 0.000010 | – | – | -11.1 | – | – | – |
| PS2478-3 (bulk)e | 101 | – | 77.172 | 118.710 | 0.713980 | 0.000010 | – | – | -9.7 | – | – | – |
| PS2480-2 (bulk)e | 51 | – | 78.262 | 109.245 | 0.715170 | 0.000010 | – | – | -7.9 | – | – | – |
| PS1235 (bulk)e | 2456 | 0 - 10 | 78.860 | 1.310 | 0.720030 | 0.000010 | – | – | -12.7 | – | – | – |
| PS2200 (bulk)e | 1073 | 5 - 10 | 85.323 | 14.000 | 0.719110 | 0.000010 | – | – | -11.6 | – | – | – |
| PS2177-1 (bulk)e | 1388 | – | 88.037 | 134.918 | 0.715160 | 0.000010 | – | – | -10.8 | – | – | – |
| PS2195 (bulk)e | 3873 | – | 86.228 | 9.593 | 0.716050 | 0.000010 | – | – | -11.2 | – | – | – |
| Ark2401 (bulk)e | – | – | 78.000 | 100.000 | 0.715310 | 0.000010 | – | – | -8.9 | – | – | – |
| Ark2512 (bulk)e | – | – | 79.000 | 115.000 | 0.713600 | 0.000010 | – | – | -11.7 | – | – | – |
| Ark2531 (bulk)e | – | – | 79.000 | 114.000 | 0.713940 | 0.000010 | – | – | -9.1 | – | – | – |
| Ark2621 (bulk)e | – | – | 78.000 | 110.000 | 0.714630 | 0.000010 | – | – | -9.3 | – | – | – |
| Ark2241 (bulk)e | – | – | 82.000 | 19.000 | 0.713130 | 0.000010 | – | – | -8.4 | – | – | – |
| Ark2281 (bulk)e | – | – | 83.500 | 19.500 | 0.714890 | 0.000010 | – | – | -9.5 | – | – | – |
| Ark2291 (bulk)e | – | – | 83.500 | 20.500 | 0.714890 | 0.000010 | – | – | -8.7 | – | – | – |
| Ark2331 (bulk)e | – | – | 83.500 | 25.000 | 0.713990 | 0.000010 | – | – | -8.5 | – | – | – |
| PS59/280-1 (bulk)f | 4275 | – | 90 | 0 | 0.720089 | – | – | – | -9.5 | 18.629 | 15.621 | 38.614 |
| MC18 (bulk)i | 2654 | 1 - 2 | 88.433 | 146.683 | 0.715009 | 0.000009 | 0.512099 | 0.00001 | -10.5 | – | – | – |
| BC07 (detrital)j | 1497 | 0 - 1 | 78.877 | 7.341 | – | – | – | – | -10.4 | 18.643 | 15.603 | 38.547 |
| MC04 (detrital)j | 1181 | 0 - 1 | 78.916 | 6.767 | – | – | – | – | -11.3 | 18.650 | 15.583 | 38.554 |
| BC10 (detrital)j | 2483 | 0 - 1 | 78.936 | 5.401 | – | – | – | – | -11.2 | 18.837 | 15.617 | 38.799 |
| BC12 (detrital)j | 2426 | 0 - 1 | 78.908 | 2.415 | – | – | – | – | -11.6 | 18.823 | 15.613 | 38.817 |
| BC14 (detrital)j | 2502 | 0 - 1 | 78.931 | 1.108 | – | – | – | – | -11.9 | 18.744 | 15.602 | 38.738 |
| MC16 (detrital)j | 2546 | 0 - 1 | 78.896 | 1.108 | – | – | – | – | -13.0 | 18.633 | 15.601 | 38.628 |
| MC21 (detrital)j | 1779 | 0 - 1 | 77.003 | -2.503 | – | – | – | – | -12.4 | 18.555 | 15.582 | 38.553 |
| MC24 (detrital)j | 2974 | 0 - 1 | 74.633 | -3.394 | – | – | – | – | -11.8 | 18.545 | 15.581 | 38.580 |
| MC26 (detrital)j | 3064 | 0 - 1 | 74.892 | -10.768 | – | – | – | – | -12.1 | 18.553 | 15.581 | 38.657 |
| 1149 (bulk)k | 63 | Surface | 73.181 | 52.333 | 0.714073 | 0.000013 | 0.511997 | 0.000008 | -12.5 | – | – | – |
| 1151 (bulk)k | 65 | Surface | 73.500 | 52.833 | 0.713130 | 0.000016 | 0.511920 | 0.000008 | -14 | – | – | – |
| 1152 (bulk)k | 152 | Surface | 74.000 | 53.000 | 0.717730 | 0.000016 | 0.512107 | 0.000008 | -10.4 | – | – | – |
| 1153 (bulk)k | 132 | Surface | 74.000 | 53.533 | 0.713431 | 0.000008 | 0.512096 | 0.000007 | -10.6 | – | – | – |
| 1154 (bulk)k | 144 | Surface | 74.500 | 54.667 | 0.716617 | 0.000009 | 0.512173 | 0.000007 | -9.1 | – | – | – |
| 200811 (bulk)k | 53 | Surface | 75.986 | 57.975 | 0.733329 | 0.000013 | 0.512180 | 0.000007 | -8.9 | – | – | – |
| 200822 (bulk)k | 53 | Surface | 76.428 | 61.403 | 0.730455 | 0.000008 | 0.512182 | 0.000008 | -8.9 | – | – | – |
| 200831 (bulk)k | 150 | Surface | 76.797 | 6.867 | 0.716309 | 0.000009 | 0.512455 | 0.000009 | -3.6 | – | – | – |
| 280811 (bulk)k | 49 | Surface | 80.556 | 52.838 | 0.718640 | 0.000009 | 0.512151 | 0.000008 | -9.5 | – | – | – |
| Ark2241k | Sea-ice sediment | – | 81.000 | 31.000 | 0.713129 | 0.000014 | 0.512215 | 0.000012 | -8.3 | – | – | – |
| Ark2281k | Sea-ice sediment | – | 82.500 | 38.000 | 0.714886 | 0.000010 | 0.512155 | 0.000009 | -9.4 | – | – | – |
| Ark2291k | Sea-ice sediment | – | 82.500 | 39.000 | 0.714894 | 0.000009 | 0.512191 | 0.000008 | -8.7 | – | – | – |
| Ark2331k | Sea-ice sediment | – | 82.000 | 42.000 | 0.713991 | 0.000011 | 0.512199 | 0.000009 | -8.6 | – | – | – |
| Ark2401k | Sea-ice sediment | – | 77.800 | 101.000 | 0.715311 | 0.000010 | 0.512183 | 0.000012 | -8.9 | – | – | – |
| Ark2512k | Sea-ice sediment | – | 77.500 | 125.000 | 0.713602 | 0.000011 | 0.512042 | 0.000009 | -11.6 | – | – | – |
| Ark2531k | Sea-ice sediment | – | 77.700 | 125.000 | 0.713940 | 0.000010 | 0.512173 | 0.000009 | -9.6 | – | – | – |
| Ark2581k | Sea-ice sediment | – | 78.400 | 118.000 | 0.714521 | 0.000013 | 0.512199 | 0.000014 | -8.6 | – | – | – |
| Ark2621k | Sea-ice sediment | – | 77.500 | 116.000 | 0.714631 | 0.000012 | 0.512160 | 0.000009 | -9.3 | – | – | – |
| 1111k | Sea-ice sediment | – | 79.000 | 140.000 | 0.718897 | 0.000009 | 0.512007 | 0.000009 | -12.3 | – | – | – |
| 1131k | Sea-ice sediment | – | 75.500 | 131.500 | 0.714737 | 0.000009 | 0.511950 | 0.000008 | -13.4 | – | – | – |
| 1141-7k | Sea-ice sediment | – | 77.000 | 149.000 | 0.717450 | 0.000009 | 0.512034 | 0.000008 | -11.8 | – | – | – |

a Winter et al. (1997). b Asahara et al. (2012). c Fagel et al. (2014). d Guo et al. (2004). e Eisenhauer et al. (1999). f Haley et al. (2008). i Hillaire-Marcel et al. (2012). j Maccali et al. (2012). k Tütken et al. (2002).

**Supplementary Table S2.** Complete data set information from our study. The code name column corresponds to our intern sample notation while the sample column refers to the sample name as given by the repository. Results with high uncertainty are in italics.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Code name | Sample | Repos-itorya | Water depth (m) | Depth (cm) | Lat. (°N) | Long. (°E) | 87Sr/86Sr | ± | 144Nd/143Nd | ± | εNd | 208Pb/204Pb | ± | 207Pb/204Pb | ± | 206Pb/204Pb | ± |
| A1 | 87200-0013 | BIO | – | 0 - 3 | 82.123 | -102.583 | 0.723207 | 0.000014 | 0.512014 | 0.000010 | -12.2 | 38.895 | 0.004 | 15.631 | 0.002 | 18.957 | 0.002 |
| A2 | 84ARCTIC KIGGIAK-MTW01 | BIO | – | 152 - 178 | 69.348 | -137.987 | 0.730145 | 0.000014 | *0.511878* | *0.000021* | -14.8 | 39.306 | 0.002 | 15.688 | 0.001 | 19.466 | 0.001 |
| A3 | PL96-112BC | BPR | 286 | – | 71.737 | 42.611 | 0.724660 | 0.000013 | 0.511884 | 0.000003 | -14.7 | 38.622 | 0.009 | 15.597 | 0.003 | 18.672 | 0.005 |
| A4 | GF93-B29BC | BPR | 403 | – | 73.048 | 58.949 | 0.723864 | 0.000017 | 0.511996 | 0.000019 | -12.5 | 38.915 | 0.003 | 15.631 | 0.001 | 18.898 | 0.002 |
| A5 | 87200-0023 | BIO | – | 0 - 3 | 80.478 | -102.606 | 0.722786 | 0.000009 | 0.511958 | 0.000017 | -13.3 | 38.904 | 0.003 | 15.591 | 0.001 | 18.900 | 0.002 |
| A6 | 87200-0023 | BIO | – | 0 - 3 | 80.478 | -102.606 | 0.722570 | 0.000024 | 0.511956 | 0.000007 | -13.3 | 38.895 | 0.005 | 15.590 | 0.002 | 18.919 | 0.002 |
| A7 | NKARA67-034PH | ARF | 390 | 6 - 9 | 78.483 | 66.917 | 0.719432 | 0.000017 | 0.512146 | 0.000009 | -9.6 | 38.777 | 0.000 | 15.605 | 0.000 | 18.798 | 0.000 |
| A8 | NKARA67-012PH | ARF | 202 | 8 - 11 | 81.420 | 77.925 | 0.718471 | 0.000015 | *0.512097* | *0.000090* | -10.6 | 38.765 | 0.003 | 15.624 | 0.001 | 18.995 | 0.001 |
| A9 | 89200-E5 | BIO | – | 0 - 3 | 79.426 | -107.255 | 0.723917 | 0.000018 | 0.511958 | 0.000008 | -13.3 | 38.926 | 0.004 | 15.599 | 0.001 | 18.909 | 0.001 |
| A10 | 89200-E5 | BIO | – | 0 - 3 | 79.426 | -107.255 | 0.723883 | 0.000014 | 0.511958 | 0.000006 | -13.3 | 38.968 | 0.002 | 15.614 | 0.001 | 18.970 | 0.001 |
| A11 | 89200-B8 | BIO | – | 0 - 3 | 79.261 | -102.199 | 0.724239 | 0.000010 | 0.511922 | 0.000004 | -14.0 | 38.849 | 0.003 | 15.587 | 0.001 | 18.914 | 0.001 |
| A12 | 86027-0120A | BIO | – | – | 74.875 | -106.413 | 0.738823 | 0.000020 | 0.511859 | 0.000010 | -15.2 | 39.265 | 0.003 | 15.627 | 0.001 | 18.980 | 0.001 |
| A13 | NW063-122 | OSU | 15 | 6 - 7 | 71.500 | 130.917 | 0.719365 | 0.000019 | 0.511993 | 0.000002 | -12.6 | 38.747 | 0.003 | 15.579 | 0.001 | 18.697 | 0.004 |
| A14 | NW063-067 | OSU | 23 | 4 - 5 | 71.922 | 160.033 | 0.711842 | 0.000012 | 0.512239 | 0.000008 | -7.8 | 38.724 | 0.005 | 15.574 | 0.002 | 18.690 | 0.002 |
| A15 | NW063-153 | OSU | 33 | 0 - 1 | 74.525 | 125.933 | 0.716291 | 0.000014 | 0.512033 | 0.000060 | -11.8 | – | – | – | – | – | – |
| A16 | NW063-153 | OSU | 33 | 0 - 1 | 74.525 | 125.933 | 0.718004 | 0.000009 | *0.512065* | *0.000023* | -11.2 | 38.891 | 0.004 | 15.592 | 0.001 | 18.785 | 0.002 |
| A17 | NW063-057 | OSU | 24 | 7.5 - 8.5 | 70.092 | 165.000 | 0.711724 | 0.000013 | 0.512180 | 0.000017 | -8.9 | 38.682 | 0.000 | 15.562 | 0.000 | 18.635 | 0.000 |
| A18 | NW063-098 | OSU | 21 | 2 - 3 | 74.317 | 138.967 | 0.715765 | 0.000009 | 0.511993 | 0.000002 | -12.6 | 38.606 | 0.003 | 15.583 | 0.001 | 18.632 | 0.001 |
| A19 | NW063-014 | OSU | 48 | 5 - 6 | 67.467 | -170.367 | 0.710461 | 0.000011 | 0.512277 | 0.000011 | -7.0 | 38.881 | 0.002 | 15.632 | 0.001 | 19.099 | 0.001 |
| A20 | 87TULLY-0033 | BIO | – | 0 - 3 | 69.870 | -133.973 | 0.730245 | 0.000011 | 0.511893 | 0.000009 | -14.5 | 39.241 | 0.003 | 15.685 | 0.001 | 19.466 | 0.001 |
| A21 | 85200-0019 | BIO | – | 0 - 3 | 81.165 | -96.092 | 0.724768 | 0.000009 | 0.511999 | 0.000009 | -12.5 | 38.967 | 0.002 | 15.601 | 0.001 | 18.844 | 0.001 |
| A22 | NW063-038 | OSU | 48 | 0 - 1 | 69.975 | 179.888 | 0.711931 | 0.000009 | 0.512199 | 0.000006 | -8.6 | 38.830 | 0.003 | 15.603 | 0.001 | 18.953 | 0.001 |
| A23 | NW063-118 | OSU | 16 | 0 - 9 | 73.750 | 133.883 | 0.715593 | 0.000009 | 0.511857 | 0.000010 | -15.2 | 38.832 | 0.004 | 15.620 | 0.002 | 19.041 | 0.005 |
| A24 | SI689-22 | OSU | 81 | 3 - 5 | 71.750 | -156.500 | 0.712626 | 0.000009 | 0.512153 | 0.000008 | -9.5 | 39.032 | 0.003 | 15.652 | 0.001 | 19.321 | 0.002 |
| A25 | SI689-36 | OSU | 43 | 0 - 3 | 69.800 | -165.500 | 0.711558 | 0.000011 | 0.512189 | 0.000017 | -8.8 | 38.985 | 0.002 | 15.645 | 0.001 | 19.285 | 0.001 |
| A29 | NW063-084 | OSU | 39 | 2 - 3 | 73.967 | 155.400 | 0.716451 | 0.000019 | 0.512090 | 0.000018 | -10.7 | 38.804 | 0.003 | 15.582 | 0.001 | 18.715 | 0.001 |
| A30 | NW063-090 | OSU | 10 | 0 - 3 | 72.583 | 149.500 | 0.714357 | 0.000007 | 0.511859 | 0.000011 | -15.2 | 39.444 | 0.003 | 15.649 | 0.001 | 19.095 | 0.001 |
| A31 | NW063-181 | OSU | 15 | 0 - 6 | 74.333 | 122.000 | 0.715230 | 0.000010 | *0.512014* | *0.000026* | -12.2 | 38.526 | 0.003 | 15.583 | 0.001 | 18.689 | 0.002 |
| A32 | NW063-046 | OSU | 45 | 4.5 - 5.5 | 70.450 | 175.000 | 0.711122 | 0.000011 | 0.512218 | 0.000012 | -8.2 | 38.758 | 0.002 | 15.600 | 0.001 | 18.885 | 0.001 |
| A33 | NW063-054 | OSU | 30 | 3 - 4 | 70.717 | 170.000 | 0.711612 | 0.000007 | 0.512259 | 0.000016 | -7.4 | 38.681 | 0.004 | 15.580 | 0.001 | 18.753 | 0.002 |
| A34 | NW063-166 | OSU | 45 | 5 - 6 | 75.500 | 120.000 | 0.714030 | 0.000012 | 0.511973 | 0.000006 | -13.0 | 38.436 | 0.005 | 15.557 | 0.002 | 18.306 | 0.002 |
| A35 | NW063-021 | OSU | 46 | 5 - 6 | 67.583 | -173.408 | 0.711285 | 0.000014 | 0.512272 | 0.000009 | -7.1 | 38.810 | 0.003 | 15.618 | 0.001 | 19.006 | 0.001 |
| A36 | NW063-094 | OSU | 17 | 8 - 10 | 74.325 | 143.733 | 0.715311 | 0.000014 | 0.512011 | 0.000004 | -12.2 | 38.667 | 0.002 | 15.582 | 0.001 | 18.611 | 0.001 |
| A47 | PLS 91-5 | WHO | 4018 | 3 - 4 | 84.807 | 40.599 | 0.727595 | 0.000026 | 0.512143 | 0.000014 | -9.7 | 38.945 | 0.003 | 15.634 | 0.001 | 19.043 | 0.001 |
| A48 | PLS 91-8 | WHO | 1345 | 0 - 1 | 82.662 | 47.889 | 0.726424 | 0.000017 | 0.512019 | 0.00003 | -12.1 | 38.910 | 0.003 | 15.618 | 0.001 | 18.915 | 0.001 |
| A49 | JR142 GC02 Sec1 | BOS | 96 | 0 - 1 | 79.574 | 25.838 | 0.737505 | 0.000018 | 0.512175 | 0.000029 | -9.0 | 39.418 | 0.003 | 15.673 | 0.001 | 19.385 | 0.001 |
| A50 | JR142 GC21 Sec1 | BOS | 212 | 6 - 7 | 78.569 | 34.061 | 0.725399 | 0.000016 | 0.512073 | 0.000016 | -11.0 | 39.008 | 0.003 | 15.644 | 0.001 | 19.095 | 0.001 |
| A51 | HLY0301-05GC | OSU | 797 | 7 - 8 | 81.621 | -63.258 | 0.744196 | 0.000013 | 0.511639 | 0.000004 | -19.5 | 38.735 | 0.004 | 15.610 | 0.002 | 18.968 | 0.002 |
| A52 | PS-2887 | GEO | 1352 | 0 - 1 | 79.617 | -4.676 | 0.725988 | 0.000015 | 0.511824 | 0.000004 | -15.9 | – | – | – | – | – | – |

a BIO: Bedford Institute of Oceanography; BPR: Byrd Polar Research Center; ARF: Antartic Research Facility, Florida State University; OSU:Oregon State University; WHO: Woods Hole Oceanographic Institution; BOS: British Ocean Sediment Core Research Facility; GEO: GEOMAR Helmholtz Centre for Ocean Research Kiel.