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| GBRCD ID | Lab sample ID  (Sample ID) | Cleaning method | Date of chemistry | U (ppm) | 232Th (ppb) | (230Th/ 232Th) | (230Th/ 238U) | δ234Ua | Uncorr. age (ka) | Two-component corr. age (ka) | Bulk-Earth corr. age (ka) | Corr. initial (234U/ 238U) | Two-component corr. age (CE) |
| AR24OTI04 | AA47\_OTI-4-19\_4\_Th  (OTI-4-19\_4) | H2O2 | 4/7/2022 | 2.6683 ±0.0014 | 0.2241 ± 0.00023 | 2153.51 ± 3.93 | 0.05961 ± 0.000096 | 1.1453 ± 0.0016 | 5.8306 ± 0.013 | 5.8245 ± 0.013 | 5.8203 ± 0.013 | 1.1477 ± 0.0017 | -3803  ± 13 |
| AR24OTI04 | AA45\_OTI4\_6C\_1\_C (OTI4\_6C\_1) | H2O2 | 4/7/2022 | 2.6979 ±0.0013 | 0.04085 ±0.00011 | 11965.67 ± 36.99 | 0.05971 ± 0.000083 | 1.1457 ±0.0012 | 5.8386 ±0.010 | 5.8340 ±0.010 | 5.8301 ±0.010 | 1.1481 ±0.0012 | -3812  ± 10 |
| AR24OTI04 | AA73\_OTI4\_6C\_1  (OTI4\_6C\_1) | 2 x H2O2 | 5/7/2022 | 2.7023 ±0.0014 | 0.03442 ±0.000069 | 14267.90 ± 34.66 | 0.05989 ± 0.000088 | 1.1462 ±0.0013 | 5.8538 ±0.011 | 5.8492 ±0.011 | 5.8453 ±0.011 | 1.1487 ±0.0013 | -3828  ± 11 |
| AR24OTI04 | AA88\_OTI4\_6C\_1\_D  (OTI4\_6C\_1) | Water | 5/7/2022 | 2.7092 ±0.00085 | 0.03468 ±0.000086 | 14211.60 ± 41.59 | 0.05996 ± 0.000096 | 1.1456 ±0.0010 | 5.8641 ±0.011 | 5.8596 ±0.011 | 5.8556 ±0.011 | 1.1481 ±0.0010 | -3838  ± 11 |
| AR24OTI05 | AA46\_OTI4\_6D\_1\_Th  OTI4\_6D\_1) | H2O2 | 4/7/2022 | 2.6694 ±0.0016 | 0.03175 ± 0.00010 | 15130.62 ± 52.18 | 0.05931 ± 0.000094 | 1.1456 ± 0.0010 | 5.7985 ± 0.011 | 5.7939  ± 0.011 | 5.7901 ± 0.011 | 1.1480 ± 0.0010 | -3772 ± 11 |
| MA00MYR02 | AA61\_MYR2-16D\_1  (MYR2\_16D\_1) | H2O2 | 5/7/2022 | 2.4849 ± 0.0012 | 0.07492 ± 0.000079 | 7932.69 ± 12.56 | 0.07882 ± 0.00010 | 1.1444 ± 0.0010 | 7.7815 ± 0.013 | 7.7762  ± 0.013 | 7.7699 ± 0.013 | 1.1477 ± 0.0011 | -5755  ± 13 |