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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\_ThOTI4\_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 |

$a- δ\left(\frac{}{}\right) x 1000\_{}(D2)$