|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Sample** | **Depth** | **GS** | **WC** | **Method** | **U** |  | **Th** |  | **K** |  | **β-Dr\*** |  | **γ-Dr\*** |  | **k-int Dr** |  | **Cosmic Dr** | |  | **Total Dr** | |
|  | **(cm)** | **µm** | **(%)** |  | **(ppm)** | **±** | **(ppm)** | **±** | **(%)** | **±** | **(Gy/ka)** | **±** | **(Gy/ka)** | **±** | **(Gy/ka)** | **±** | **(Gy/ka)** | **±** |  | **(Gy/ka)** | **±** |
| **CLM1** | 300 | 90-180 | 8.4 | Hrgs | 0.72 | 0.01 | 1.21 | 0.05 | 0.99 | 0.02 | 0.91 | 0.01 | 0.37 | 0.02 | 0.55 | 0.03 | 0.12 | 0.01 |  | 1.86 | 0.03 |
|  |  |  |  | ICP-MS | 0.70 | 0.10 | 1.70 | 0.10 | 1.28 | 0.01 | 1.15 | 0.01 | 0.45 | 0.01 | - | - | - | - |  | 2.13 | 0.03 |
|  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | BC | - | - | - | - | 1.40 | 0.52 | 1.23 | 0.03 | 0.48 | 0.01 | - | - | - | - |  | 2.22 | 0.03 |
|  |  |  |  | **avg** | **0.71** | **0.03** | **1.45** | **0.07** | **1.22** | **0.19** | **1.25** | **0.03** | **0.60** | **0.01** | **-** | **-** | **-** | **-** |  | **2.34** | **0.03** |
| **CLM2** | 150 | 90-180 | 7.7 | Hrgs | 0.67 | 0.14 | 1.18 | 0.04 | 2.14 | 0.02 | 1.82 | 0.01 | 0.65 | 0.02 | 0.55 | 0.03 | 0.16 | 0.02 |  | 2.91 | 0.02 |
|  |  |  |  | ICP-MS | 0.70 | 0.10 | 1.10 | 0.10 | 1.39 | 0.01 | 1.23 | 0.01 | 0.46 | 0.01 | - | - | - | - |  | 2.24 | 0.03 |
|  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | BC | - | - | - | - | 1.76 | 0.28 | 1.46 | 0.01 | 0.46 | 0.00 | - | - | - | - |  | 2.44 | 0.03 |
|  |  |  |  | **avg** | **0.68** | **0.15** | **1.14** | **0.05** | **1.77** | **0.06** | **1.48** | **0.01** | **0.56** | **0.01** | **-** | **-** | **-** | **-** |  | **2.50** | **0.02** |
| **CLM3** | 200 | 90-180 | 11.1 | Hrgs | 1.55 | 0.30 | 1.10 | 0.07 | 0.94 | 0.02 | 0.95 | 0.00 | 0.39 | 0.01 | 0.55 | 0.03 | 0.14 | 0.01 |  | 1.89 | 0.03 |
|  |  |  |  | ICP-MS | 1.10 | 0.10 | 1.40 | 0.10 | 1.14 | 0.01 | 1.08 | 0.01 | 0.44 | 0.01 | - | - | - | - |  | 2.05 | 0.03 |
|  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | BC | - | - | - | - | 1.05 | 0.20 | 1.02 | 0.04 | 0.47 | 0.02 | - | - | - | - |  | 2.02 | 0.03 |
|  |  |  |  | **avg** | **1.33** | **0.27** | **1.25** | **0.08** | **1.04** | **0.06** | **1.02** | **0.04** | **0.43** | **0.02** | **-** | **-** | **-** | **-** |  | **1.98** | **0.03** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |