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| S1. LIMITS OF DETECTION (LOD) FOR LA-ICP-MS | | |
| Z | Element | LOD (ppm) |
| 4 | Be | 0.743 |
| 12 | Mg | 4.867 |
| 16 | S | 146 |
| 21 | Sc | 0.327 |
| 22 | TI | 1.75 |
| 23 | V | 0.133 |
| 27 | Co | 0.145 |
| 29 | Cu | 0.422 |
| 30 | Zn | 2.333 |
| 31 | Ga | 0.403 |
| 38 | Sr | 1.078 |
| 39 | Y | 0.026 |
| 41 | Nb | 0.026 |
| 50 | Sn | 0.248 |
| 51 | Sb | 0.045 |
| 55 | Cs | 0.101 |
| 57 | La | 0.02 |
| 58 | Ce | 0.016 |
| 59 | Pr | 0.012 |
| 60 | Nd | 0.021 |
| 62 | Sm | 0.083 |
| 63 | Gd | 0.153 |
| 64 | Eu | 0.043 |
| 65 | Tb | 0.014 |
| 66 | Dy | 0.07 |
| 67 | Ho | 0.012 |
| 68 | Er | 0.034 |
| 69 | Tm | 0.009 |
| 70 | Yb | 0.064 |
| 71 | Lu | 0.016 |
| 73 | Ta | 0.025 |
| 74 | W | 0.035 |
| 82 | Pb | 0.06 |
| 83 | Bi | 0.028 |
| 90 | Th | ~0 |
| 92 | U | 0.031 |