**Supplementary Table 1.** Pearson correlations for trace elements (µXRF) in RL-DM1.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Ti | Fe | K | Ca | Sr | Mn |
| Ti | 1 |  |  |  |  |  |
| Fe | 0.48 | 1 |  |  |  |  |
| K | 0.51 | 0.57 | 1 |  |  |  |
| Ca | -0.03 | 0.15 | 0.12 | 1 |  |  |
| Sr | -0.02 | 0.12 | 0.12 | 0.97 | 1 |  |
| Mn | -0.01 | 0.21 | 0.18 | 0.87 | 0.88 | 1 |