Supplementary Table 4:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Unit | Sample | Laboratory Code | Depth (m) | Water content measured (%) | Uranium (ppm) | Thorium (ppm) | Potassium (%) |
| JVI.2.2 | JAR-1 | C-L3140 | 0.15 | 0.7 | 3.33 ± 0.22 | 15.70 ± 1.10 | 2.19 ± 0.12 |
| JVI.2.2 | JAR-3 | C-L3004 | 0.10 | 0.7 | 3.24 ± 0.14 | 14.68 ± 0.76 | 1.93 ± 0.06 |
| JVI.2.3 | JAR-2 | C-L3141 | 0.48 | 1.9 | 2.87 ± 0.19 | 14.31 ± 1.00 | 1.88 ± 0.11 |
| JVI.2.3 | JAR-4 | C-L3005 | 0.34 | 0.3 | 2.44 ± 0.11 | 11.23 ± 0.58 | 1.47 ± 0.04 |
| JVI.2.3 | JAR-5 | C-L3006 | 1.50 | 2.0 | 3.07 ± 0.13 | 14.06 ± 0.73 | 1.74 ± 0.05 |