**Annex**: Concentrations (mgL-1) of the analyzed parameter at Mtoni and Kilima-hewa Zanzibar.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample** | **Ca** | **Cd** | **Cr (III)** | **Cu** | **Li** | **Mg** | **Pb** | **Sr** | **Zn** | **Area** |
| 1 | 160.35 | ˂ DL | 0.0268 | 0.0018 | 0.0301 | 5.798 | 0.0013 | 0.0416 | 0.0025 | Mtoni  |
| 2 | 120.47 | ˂ DL | 0.0257 | 0.0035 | 0.0296 | 10.83 | 0.0003 | 0.0421 | 0.0052 | Mtoni  |
| 3 | 20.508 | ˂ DL | 0.0262 | 0.0005 | 0.0075 | 2.325 | ˂ DL | 0.0073 | 0.0091 | Mtoni  |
| 4 | 110.24 | ˂ DL | 0.0267 | 0.0021 | 0.0411 | 12.8 | 0.0034 | 0.0411 | 0.0019 | Mtoni  |
| 5 | 240.17 | ˂ DL | 0.0254 | 0.0038 | 0.0484 | 2.697 | ˂ DL | 0.04 | 0.0098 | Mtoni  |
| 6 | 0.0045 | 48.59 | ˂ DL | 0.0272 | 0.0004 | 0.0047 | ˂ DL | 0.2803 | 0.0017 | Kilima-hewa |
| 7 | 50.62 | 0.0008 | 0.0266 | 0.006 | 0.0126 | 10.69 | 0.0083 | 0.9604 | 0.0499 | Kilima-hewa |
| 8 | 46.38 | 0.0007 | 0.032 | 0.0061 | 0.0075 | 9.147 | 0.0134 | 0.3412 | 0.0035 | Kilima-hewa |
| 9 | 90.76 | 0.0015 | 0.0303 | 0.0119 | 0.0613 | 9.579 | 0.0111 | 0.9067 | 0.0174 | Kilima-hewa |
| 10 | 8.084 | 0.0007 | 0.0295 | ˂ DL | 0.0037 | 1.114 | 0.0178 | 0.1722 | 0.0168 | Kilima-hewa |

DL: Detection Limit