# OSL Results for Mutanda and Nyahokwe

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| Sample | Lat | Long | Altitude (m) | Depth from surface  (m) | Th (ppm) | U (ppm) | K (%) | Total Dr (Gy/ka) | Total De (Gy) CAM | Age (ka) CAM | Total De (Gy) MAM | Age (ka)  MAM | Overdispersion (%) |
| **ZIM1** | 18 | 32 | 1170 | 0.15 | 19.4±1.2 | 4.4±0.8 | 3.63±0.05 | 4.97±0.20 | 1.73±0.23 | 0.35±0.05 | 1.09±0.67 | 0.22±0.14 | 36 |
| **ZIM2** | 18 | 32 | 1170 | 0.15 | 24.1±1.7 | 5.7±0.9 | 3.92±0.07 | 6.88±0.23 | - | - | - | - |  |
| **ZIM3** | 18 | 32 | 1089 | 0.30 | 13.2±0.9 | 2.2±0.6 | 2.14±0.03 | 3.78±0.14 | 3.86±0.27 | 1.02±0.08 | 2.33±0.22 | 0.62±0.06 | 41 |
| **ZIM4** | 18 | 32 | 1463 | 0.46 | 32±3 | 5.3±0.8 | 3.42±0.05 | 6.94±0.24 | 3.94±0.27 | 0.57±0.04 | 2.44±0.24 | 0.35±0.04 | 39 |
| **ZIM5** | 18 | 32 | 309 | 0.12 | 5.8±0.7 | 1.2±0.3 | 0.97±0.02 | 1.82±0.07 | 2.11±0.34 | 1.16±0.19 | 0.45±0.77 | 0.25±0.04 | 110 |

# KEY:

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| **Sample** | **Sample Code** | **Depth (m)** | **Altitude (m.a.s.l)** | **Latitude**  **(°S)** | **Longitude**  **(°E)** |
| Mutanda1.001 | ZIM1 | 0.15 | 1170 | 18**°** 59’ 44” | 32**°** 19 21 |
| Mutanda1.002 | ZIM2 | 0.15 | 1170 | 18**°** 59’ 44” | 32**°** 19 21 |
| Mutanda Trench 1 | ZIM3 | 0.30 | 1089 | 18**°** 58’ 41.1” | 24**°** 18’ 12” |
| Nyahokwe Trench 1 | ZIM4 | 0.46 | 1463 | 18**°** 08’ 08” | 32**°** 42’ 57.6” |
| Ziwa | ZIM5 | 0.12 | 309 | 18**°** 07’ 56” | 32**°** 38’ 08” |