Supplemental table 3: Trace elements of 11 objects from Casa Parroquial, by PIXE. Results are organised by burials. Limit of detection for each reading are presented in grey, with the symbol "<".Major and light elements are presented in wt%, not ppm. (\*) Light elements relate to surface dirt from the soil and/or corrosion.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | **Major elements (wt%)** | **Trace elements (ppm)** | **Light elements (wt%)\*** |
|   |  |   | Filter: | HE1 | HE3 | HE1 | BE0 | HE1 | HE1 | BE0 | HE3 | HE1 | HE1 | HE1 | HE3 | BE0 | BE0 | BE0 | BE0 | BE0 |
| Dose | Museum Id | Lab Id  | Burial | Cu | Ag | Au #L | Ti | Mn | Fe | Ni | Zn | Ga | Hg #L | Pb #L | W #L | Si | S  | Cl | K  | Ca |
| 600000 | 1086 | popm002 | 7 | 2.1 | 28.7 | 61.5 | < 60 | < 1200 | < 720 | < 29 | 520 | < 81 | < 3300 | < 160 | < 180 | < 0.5 | 2.5 | 4.9 | < 0.1 | 0.1 |
| 15000000 | 18.116 | popm003 | 7 | 2.7 | 24.9 | 71.7 | < 26 | < 990 | < 590 | < 95 | 1190 | < 210 | < 2700 | < 190 | < 380 | < 0.3 | < 0.2 | 0.6 | < 0.1 | < 0.04 |
| 12000000 | 18.115 | popm008 | 7 | 1.4 | 20.6 | 77.0 | < 150 | < 1000 | 1300 | 300 | 960 | < 210 | < 3500 | < 16 | < 150 | < 1.2 | < 0.5 | 0.8 | < 0.1 | < 0.1 |
| 600000 | 18.113 | popm009 | 7 | 2.8 | 28.9 | 66.9 | < 50 | < 580 | < 640 | 81 | 750 | 500 | < 3900 | < 290 | < 480 | < 0.2 | < 0.1 | 1.2 | < 0.1 | 0.1 |
| 1000000 | 18.114 | popm011 | 7 | 1.8 | 21.0 | 76.2 | < 38 | < 1200 | 960 | < 42 | 690 | < 83 | < 1500 | < 160 | < 640 | < 0.2 | 0.5 | 0.1 | < 0.1 | 0.1 |
| 600000 | 18.109 | popm001 | 8 | 1.9 | 57.7 | 36.3 | < 100 | < 1000 | < 780 | < 38 | 610 | < 66 | < 1700 | < 130 | 200 | 3.0 | 0.6 | 0.3 | < 0.1 | 0.2 |
| 12000000 | 18.110 | popm010 | 8 | 2.3 | 58.6 | 33.5 | 190 | < 870 | 1700 | < 20 | 600 | 140 | < 2100 | < 110 | < 540 | 2.9 | 0.9 | 1.4 | < 0.1 | 0.3 |
| 12000000 | CP16 | popm007 | 16 | 0.9 | 78.0 | 21.1 | < 3300 | < 770 | < 160 | < 3100 | 730 | 140 | < 1100 | < 75 | < 110 | < 27.2 | < 1.9 | < 0.7 | < 0.9 | < 0.3 |
| 600000 | 18.105 | popm047 | 16 | 1.1 | 35.2 | 62.6 | < 110 | < 420 | 1700 | < 62 | 1500 | < 96 | < 3500 | < 180 | < 1000 | < 1.0 | 0.6 | < 0.1 | < 0.1 | 0.1 |
| 12000000 | 18.091 | popm017 | 18 | 0.4 | 27.1 | 68.5 | 390 | < 660 | 1900 | < 57 | 800 | < 140 | < 4000 | < 140 | < 1000 | 2.4 | 0.9 | 0.2 | < 0.1 | 0.3 |
| 12000000 | 18.092 | popm018 | 18 | 0.7 | 28.0 | 66.7 | 230 | < 1500 | 3000 | < 48 | 800 | < 190 | < 4000 | < 200 | < 940 | 2.4 | 1.2 | 0.2 | 0.2 | 0.2 |