**Hall D\_Sample1\_areas2-3**

Contains 2 images with a total of 6 analyses

**01. Image 1**

3 analyses: 1x region, 2x spot

**02. Image 2**

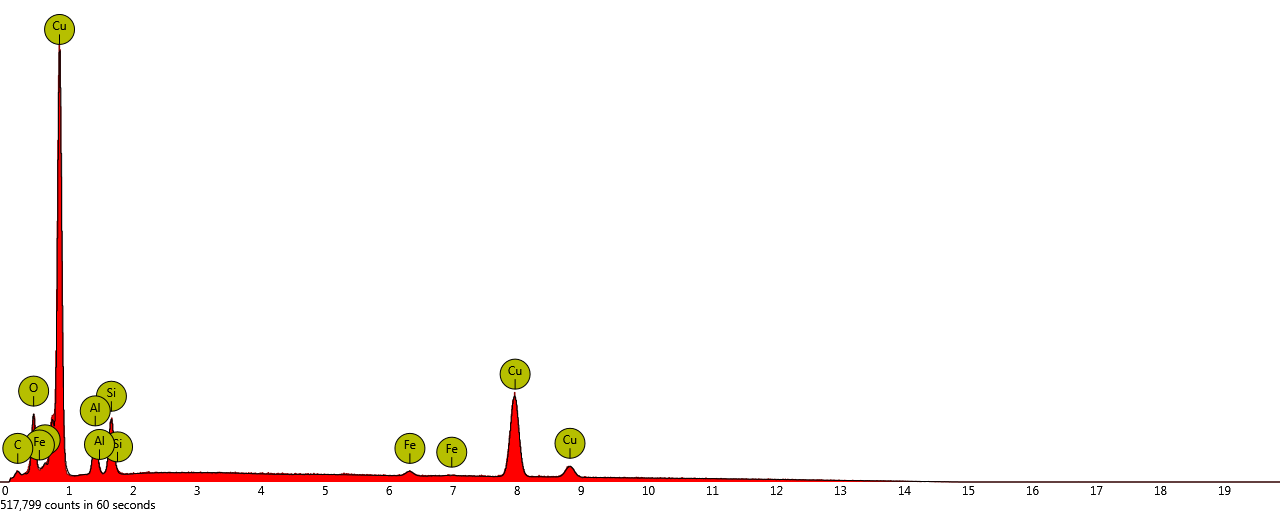
3 analyses: 3x spot

**Image 1**

**1. region**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Element Symbol** | **Atomic Conc.** | **Weight Conc.** | **Oxide Symbol** | **Stoich. wt Conc.** | | Cu | 47.65 | 74.33 | Cu | 81.36 | | O | 23.53 | 9.24 |  |  | | C | 10.18 | 3.00 | C | 3.28 | | Si | 9.43 | 6.50 | Si | 7.12 | | Al | 8.03 | 5.32 | Al | 5.82 | | Fe | 1.17 | 1.60 | Fe3O4 | 2.42 | |  |  |  |  |  | |
|  |  |

FOV: 89.6 µm, Mode: 15kV - Point, Detector: BSD Full, Time: FEB 25 2022 06:30

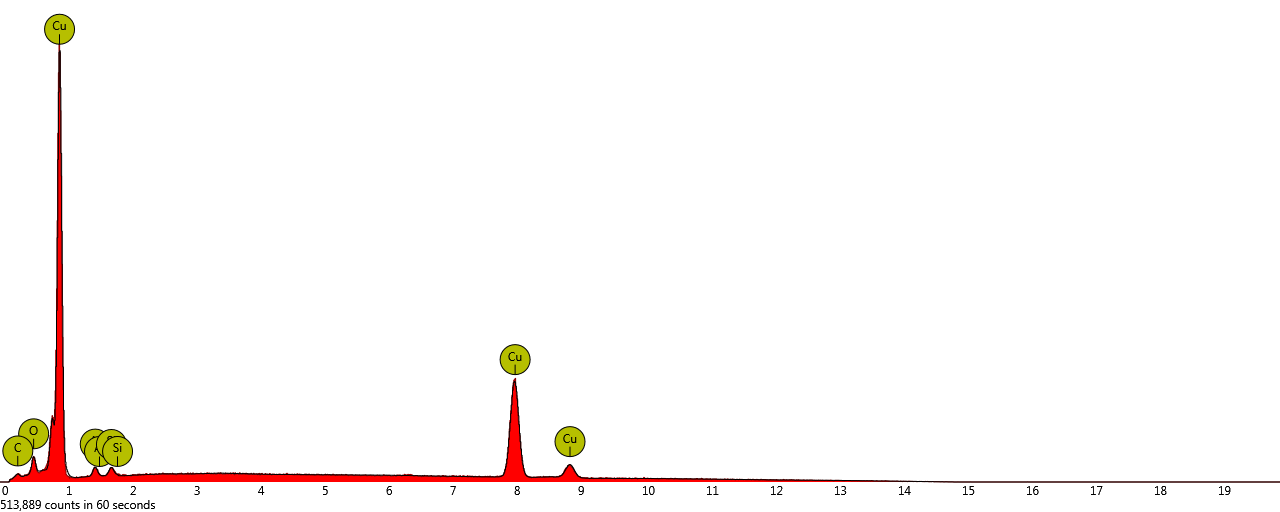


Disabled elements: Au, B, Br, Mo

**2. spot**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Element Symbol** | **Atomic Conc.** | **Weight Conc.** | **Oxide Symbol** | **Stoich. wt Conc.** | | Cu | 76.42 | 92.45 | Cu | 95.02 | | C | 9.68 | 2.21 | C | 2.27 | | O | 8.87 | 2.70 |  |  | | Al | 2.93 | 1.50 | Al | 1.55 | | Si | 2.11 | 1.13 | Si | 1.16 | |  |  |  |  |  | |
|  |  |

FOV: 89.6 µm, Mode: 15kV - Point, Detector: BSD Full, Time: FEB 25 2022 06:30

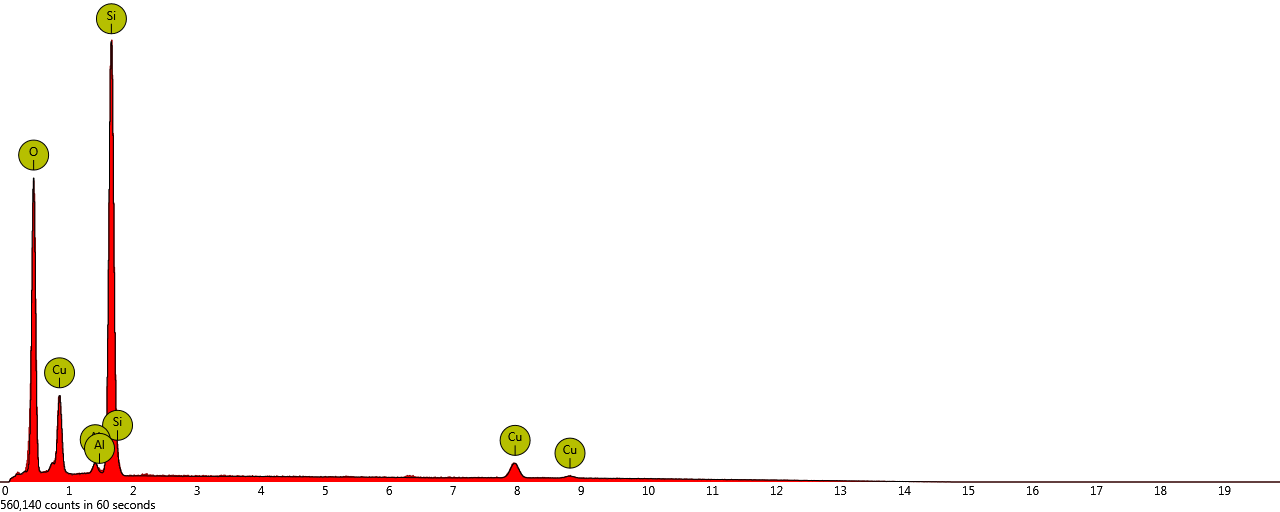


Disabled elements: Au, B, Br, Mo

**3. spot**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Element Symbol** | **Atomic Conc.** | **Weight Conc.** | **Oxide Symbol** | **Stoich. wt Conc.** | | O | 67.34 | 48.99 |  |  | | Si | 26.13 | 33.37 | Si | 65.43 | | Cu | 5.79 | 16.73 | Cu | 32.80 | | Al | 0.74 | 0.90 | Al | 1.77 | |  |  |  |  |  | |
|  |  |

FOV: 89.6 µm, Mode: 15kV - Point, Detector: BSD Full, Time: FEB 25 2022 06:30



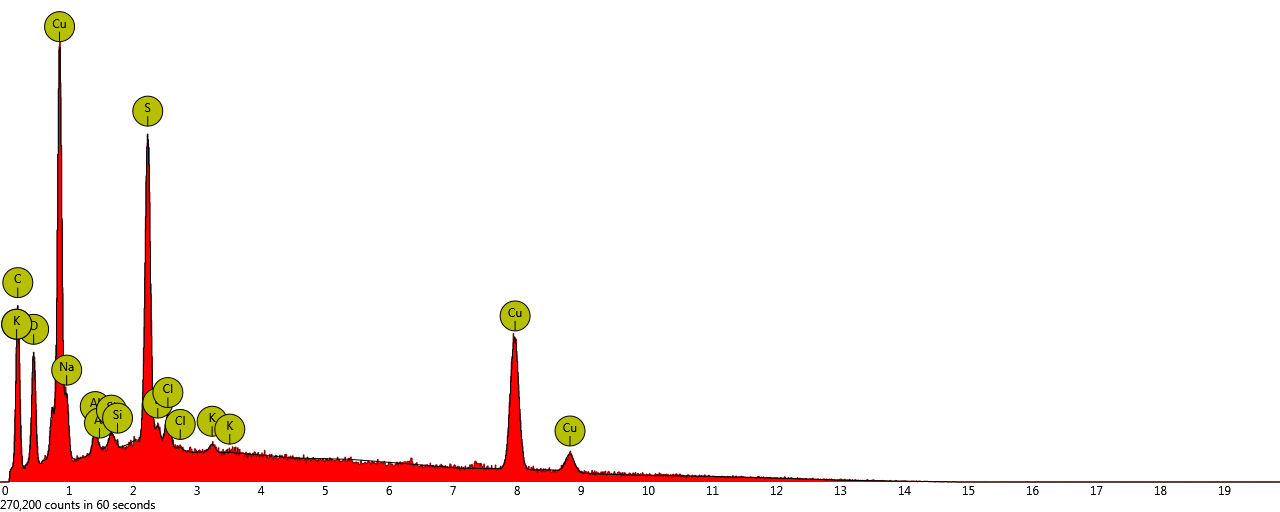
Disabled elements: Au, B, Br, Mo

**Image 2**

**1. spot**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Element Symbol** | **Atomic Conc.** | **Weight Conc.** | **Oxide Symbol** | **Stoich. wt Conc.** | | C | 61.24 | 33.58 | C | 37.19 | | Cu | 14.62 | 42.41 | Cu | 46.97 | | O | 13.29 | 9.70 |  |  | | S | 5.49 | 8.04 | S | 8.90 | | Na | 3.75 | 3.94 | Na | 4.36 | | Cl | 0.61 | 0.98 | Cl | 1.09 | | Al | 0.59 | 0.72 | Al | 0.80 | | Si | 0.26 | 0.33 | Si | 0.37 | | K | 0.16 | 0.28 | K | 0.31 | |  |  |  |  |  | |
|  |  |

FOV: 179 µm, Mode: 15kV - Point, Detector: BSD Full, Time: FEB 25 2022 06:39

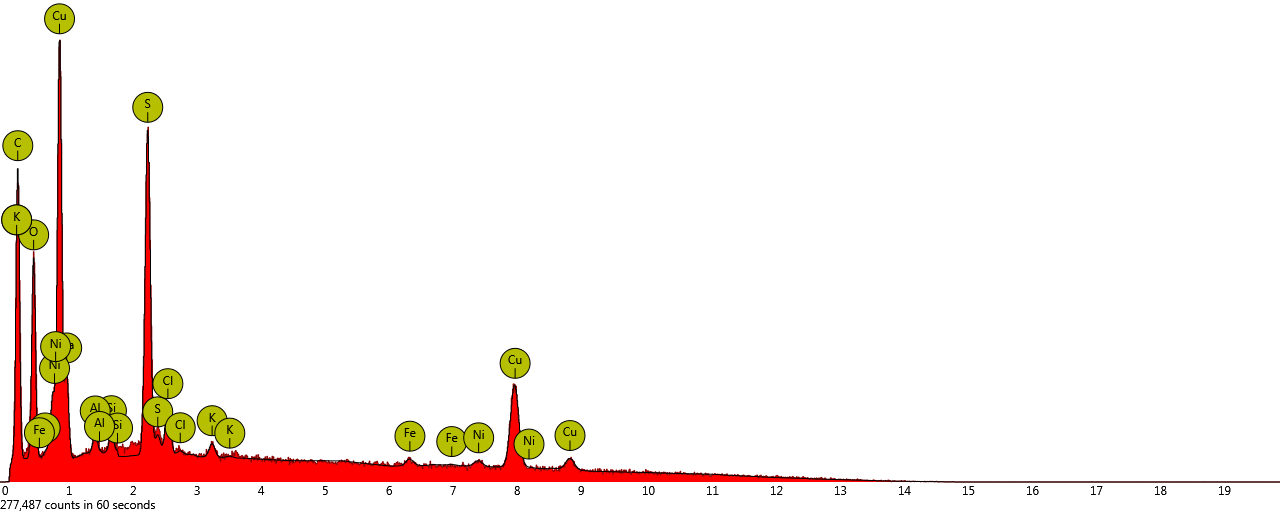


Disabled elements: Au, B, Br, Mo

**2. spot**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Element Symbol** | **Atomic Conc.** | **Weight Conc.** | **Oxide Symbol** | **Stoich. wt Conc.** | | C | 64.87 | 43.47 | C | 52.33 | | O | 19.65 | 17.54 |  |  | | Cu | 6.76 | 23.97 | Cu | 28.85 | | S | 3.85 | 6.89 | S | 8.29 | | Na | 2.92 | 3.74 | Na | 4.50 | | Cl | 0.62 | 1.23 | Cl | 1.48 | | Ni | 0.36 | 1.16 | NiO | 1.78 | | Al | 0.31 | 0.46 | Al | 0.55 | | Si | 0.26 | 0.40 | Si | 0.48 | | Fe | 0.24 | 0.75 | Fe3O4 | 1.24 | | K | 0.18 | 0.40 | K | 0.48 | |  |  |  |  |  | |
|  |  |

FOV: 179 µm, Mode: 15kV - Point, Detector: BSD Full, Time: FEB 25 2022 06:39

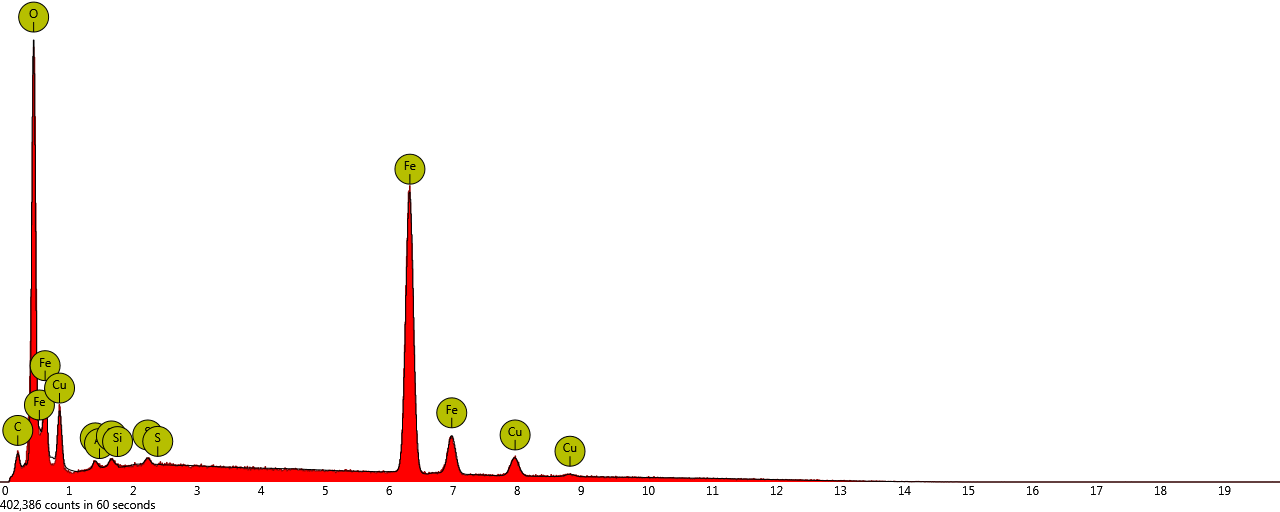


Disabled elements: Au, B, Br, Mo, Zr

**3. spot**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Element Symbol** | **Atomic Conc.** | **Weight Conc.** | **Oxide Symbol** | **Stoich. wt Conc.** | | O | 49.39 | 24.86 |  |  | | Fe | 34.35 | 60.34 | Fe3O4 | 84.92 | | C | 10.06 | 3.80 | C | 3.87 | | Cu | 4.95 | 9.89 | Cu | 10.07 | | Al | 0.56 | 0.47 | Al | 0.48 | | Si | 0.41 | 0.36 | Si | 0.36 | | S | 0.28 | 0.29 | S | 0.29 | |  |  |  |  |  | |
|  |  |

FOV: 179 µm, Mode: 15kV - Point, Detector: BSD Full, Time: FEB 25 2022 06:39



Disabled elements: Au, B, Br, Mo