CSA Analysis: SEM/EDX analysis

Client:

Department: School of Chemistry

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| Sample reference | Carbon | Oxygen | Aluminium | Bromine | Iodine | Rhenium |
| Control – particle 1 | 24.24 | 15.51 | 2.77 | 5.15 | 16.44 | 35.89 |
| Control – particle 2 | 24.56 | 17.74 | 1.97 | 6.20 | 14.07 | 35.47 |
| Control – particle 3 | 27.39 | 20.04 | 2.31 | 4.73 | 10.80 | 34.73 |
| Control – particle 4 | 30.32 | 16.04 | 0.68 | 3.15 | 27.84 | 21.98 |
| Control – particle 5 | 23.68 | 18.50 | 2.04 | 4.88 | 14.13 | 36.77 |
| Control – particle 6 | 24.86 | 17.81 | 1.40 | 7.33 | 11.44 | 37.17 |
| Control – particle 7 | 30.79 | 17.99 | 0.44 | 7.16 | 13.96 | 29.65 |
| Control – particle 8 | 35.10 | 18.24 | 2.07 | 5.70 | 10.10 | 28.79 |
| Control – many particles | 36.36 | 18.32 | 2.65 | 7.86 | 10.23 | 24.58 |
| Ground sample 1 | 39.10 | 20.76 | 0.76 | 6.72 | 8.45 | 24.21 |
| Ground sample 2 | 39.46 | 20.60 | 1.17 | 5.80 | 7.77 | 25.20 |
| Ground sample 3 | 39.41 | 21.20 | 1.41 | 4.78 | 9.05 | 24.14 |
| Ground sample 4 | 41.14 | 20.93 | 0.80 | 6.37 | 8.02 | 22.57 |

SEM/EDX analysis data (Weight %)

On the phase maps Re = Red, I = Green & Br = Blue.