

| Standard | SiO ₂ wt % | Al ₂ O ₃ wt % | Fe ₂ O ₃ wt % | TiO ₂ wt % | MgO wt % | CaO wt % | Na ₂ O wt % | K ₂ O wt % | P ₂ O ₅ wt % | LOI wt % |
|----------------------|--------------------------|--|--|--------------------------|-------------|-------------|---------------------------|--------------------------|---------------------------------------|-------------|
| SGR-1b | | | | | | | | | | |
| Mean (<i>n</i> = 8) | 30.7* | 6.3 | 3.3 | 0.3 | 4.4 | 8.1 | 3.1 | 1.6 | 0.1 | 42.2 |
| 2SD | | 0.4 | 0.2 | 0.0 | 0.3 | 0.3 | 0.1 | 0.1 | 0.0 | 0.5 |
| Ref. value | 28.2 | 6.5 | 3.0 | 0.3 | 4.4 | 8.4 | 3.0 | 1.7 | 0.3 | |
| G-2 | | | | | | | | | | |
| Mean (<i>n</i> = 2) | 69.0* | 14.9 | 3.0 | 0.6 | 0.7 | 2.0 | 4.2 | 4.2 | 0.1 | 1.4 |
| 2SD | | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.7 |
| Ref. value | 69.1 | 15.4 | 2.7 | 0.5 | 0.8 | 2.0 | 4.1 | 4.5 | 0.1 | |
| BCR-2 | | | | | | | | | | |
| Mean (<i>n</i> = 4) | 51.5* | 13.1 | 16.5 | 2.6 | 3.5 | 7.0 | 3.3 | 1.9 | 0.1 | 0.5 |
| 2SD | | 0.3 | 1.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| Ref. value | 54.1 | 13.5 | 13.8 | 2.3 | 3.6 | 7.1 | 3.2 | 1.8 | 0.4 | |
| AGV-2 | | | | | | | | | | |
| Mean (<i>n</i> = 2) | 58.5* | 16.4 | 7.6 | 1.2 | 1.7 | 5.2 | 4.3 | 2.9 | 0.2 | 2.1 |
| 2SD | | 0.4 | 0.2 | 0.1 | 0.0 | 0.4 | 0.2 | 0.2 | 0.1 | |
| Ref. value | 59.3 | 16.9 | 6.7 | 1.1 | 1.8 | 5.2 | 4.2 | 2.9 | 0.5 | |

* SiO₂ concentrations calculated assuming 100 % recovery. For a comparison of XRF and ICP-OES concentrations see Table A1.