

| | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | FeO | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | l.i | oth | sum | hs |
|------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|------|------|--------|------|
| 141- | 76.60 | 0.06 | 12.80 | 0.05 | 0.80 | 0.02 | 0.13 | 1.00 | 4.36 | 4.44 | 0.09 | 0.10 | - | 100.45 | - |
| 142- | 76.60 | 0.22 | 12.58 | 0.03 | 1.51 | 0.02 | 0.18 | 0.09 | 3.87 | 5.13 | 0.02 | 0.20 | - | 100.45 | - |
| 143- | 76.60 | 0.06 | 12.33 | 0.60 | 0.40 | 0.07 | 0.25 | 0.40 | 4.11 | 4.46 | 0.01 | 0.22 | 0.04 | 99.55 | - |
| 144- | 76.60 | 0.02 | 14.90 | 0.57 | 0.81 | 0.32 | 0.51 | 0.50 | 1.12 | 3.69 | 0.28 | 0.30 | - | 99.62 | - |
| 145- | 76.58 | 0.12 | 13.42 | 0.18 | 1.17 | 0.04 | 0.05 | 0.17 | 3.45 | 3.82 | - | 0.44 | - | 99.44 | - |
| 146- | 76.58 | 0.10 | 13.70 | 0.25 | 0.93 | 0.05 | 0.16 | 0.28 | 4.40 | 2.70 | 0.10 | 0.61 | - | 99.86 | - |
| 147- | 76.58 | 0.07 | 12.22 | 0.50 | 1.47 | 0.04 | 0.31 | 0.47 | 4.05 | 4.15 | 0.05 | 0.10 | - | 100.01 | - |
| 148- | 76.58 | 0.15 | 12.97 | 0.74 | 0.64 | 0.04 | 0.33 | 0.11 | 2.78 | 5.39 | 0.02 | 0.24 | - | 99.99 | - |
| 149- | 76.58 | 0.12 | 13.58 | 0.82 | 0.71 | - | 0.36 | 0.65 | 3.03 | 4.54 | - | 0.07 | - | 100.46 | 0.66 |
| 150- | 76.57 | 0.07 | 12.42 | 0.40 | 1.17 | 0.02 | 0.13 | 0.44 | 3.58 | 4.67 | 0.09 | 0.24 | - | 99.80 | 0.21 |
| 151- | 76.57 | 0.23 | 12.38 | 0.67 | 1.12 | 0.05 | 0.28 | 0.45 | 3.02 | 5.08 | 0.05 | 0.36 | - | 100.26 | 0.04 |
| 152- | 76.56 | 0.12 | 12.24 | 1.24 | 0.79 | 0.07 | 0.20 | 0.34 | 2.90 | 3.93 | 0.05 | 0.60 | - | 99.04 | 0.02 |
| 153- | 76.56 | - | 13.36 | 0.20 | 0.75 | 0.02 | 0.33 | 0.65 | 2.88 | 5.41 | 0.04 | 0.10 | 0.07 | 100.37 | - |
| 154- | 76.56 | 0.11 | 12.08 | 0.48 | 1.94 | 0.02 | 0.36 | 0.61 | 4.10 | 3.50 | 0.05 | 0.17 | - | 99.98 | - |
| 155- | 76.55 | 0.12 | 12.63 | 0.76 | 1.22 | 0.03 | 0.08 | 0.48 | 4.11 | 4.11 | - | 0.20 | - | 100.29 | 0.28 |
| 156- | 76.55 | 0.17 | 9.57 | 4.00 | 1.36 | 0.03 | 0.50 | 1.00 | 2.86 | 3.00 | 0.09 | 0.80 | - | 99.93 | 0.06 |
| 157- | 76.54 | 0.12 | 12.26 | 0.28 | 1.69 | 0.06 | 0.14 | 0.69 | 3.57 | 4.74 | 0.04 | 0.40 | - | 100.53 | - |
| 158- | 76.54 | 0.04 | 12.38 | 0.65 | 0.72 | 0.04 | 0.22 | 0.87 | 3.71 | 4.41 | 0.02 | 0.49 | - | 100.09 | - |
| 159- | 76.54 | 0.15 | 12.67 | 0.48 | 2.30 | 0.03 | 0.31 | 0.92 | 2.54 | 3.65 | - | 0.19 | - | 99.78 | 0.16 |
| 160- | 76.54 | 0.10 | 13.18 | 0.93 | 0.67 | - | 0.38 | 0.37 | 2.69 | 5.19 | - | 0.13 | - | 100.18 | - |