Supplementary material. ESM\_1. Валовый состав зювитов Карской астроблемы (мас. %)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Тип зювита | Номер образца | Компоненты | | | | | | | | | | | | | | |
| SiO2 | TiO2 | Al2O3 | Fe2O3 | MnO | CaO | MgO | K2O | Na2O | P2O5 | П.п.п. | Сумма с П.п.п. | FeO | H2O | CO2 |
| I | Кр-8-69 | 59.32 | 0.79 | 14.47 | 6.45 | 0.058 | 2.39 | 5.27 | 3.24 | 3.1 | 0.22 | 4.69 | 99.99 | 1.82 | 2.28 | 0.26 |
| Кр-8-71 | 56.78 | 0.83 | 13.33 | 6.75 | 0.066 | 3.26 | 5.40 | 3.03 | 2.63 | 0.19 | 7.45 | 99.72 | 1.55 | 4.49 | 0.66 |
| Кр-59-426 | 58.52 | 0.69 | 12.94 | 6.73 | 0.079 | 3.19 | 5.38 | 2.59 | 2.54 | 0.22 | 6.70 | 99.58 | 1.96 | 2.86 | 1.20 |
| Кр-59-427 | 56.88 | 0.82 | 13.33 | 5.85 | 0.089 | 3.76 | 5.99 | 3.04 | 3.01 | 0.174 | 6.63 | 99.57 | 1.87 | 2.84 | 0.87 |
| Кр-59-441а | 57.7 | 0.82 | 14.23 | 6.5 | 0.067 | 2.77 | 5.93 | 2.76 | 3.34 | 0.19 | 5.49 | 99.8 | 2.17 | 3 | 0.2 |
| Кр-59-441б | 56.62 | 0.84 | 13.94 | 6.70 | 0.074 | 2.87 | 5.76 | 2.84 | 3.03 | 0.20 | 6.85 | 99.72 | 2.18 | 4.80 | 0.25 |
| II | Кр-7-61 | 57.77 | 0.59 | 12.16 | 4.57 | 0.17 | 7.19 | 3.64 | 2 | 1.47 | 0.17 | 10 | 99.73 | 3.1 | 0.87 | 5.53 |
| Кр-67-546 | 59.80 | 0.65 | 11.47 | 5.40 | 0.13 | 5.78 | 3.54 | 1.80 | 1.55 | 0.16 | 8.12 | 98.40 | 3.34 | 0.72 | 3.88 |
| Кр-67-547 | 57.12 | 0.64 | 11.4 | 4.72 | 0.14 | 7.5 | 3.46 | 2.09 | 1.64 | 0.17 | 9.61 | 98.49 | 2.9 | 0.72 | 5.21 |
| Кр-67-552 | 62.34 | 0.61 | 10.80 | 4.88 | 0.12 | 5.66 | 2.94 | 2.17 | 1.14 | 0.211 | 8.21 | 99.07 | 2.64 | 0.85 | 3.78 |
| Кр-67-553 | 57.66 | 0.69 | 11.83 | 4.96 | 0.15 | 6.76 | 3.71 | 2.05 | 2.02 | 0.174 | 8.85 | 98.86 | 3.08 | 0.62 | 4.76 |
| Кр-67-557 | 60.68 | 0.57 | 9.65 | 4.45 | 0.17 | 7.78 | 3.04 | 2.01 | 0.88 | 0.22 | 10.11 | 99.56 | 2.06 | 1.75 | 5.47 |
| III | Кр-17-135 | 63.58 | 0.37 | 6.94 | 3.45 | 0.16 | 12.66 | 2.07 | 1.24 | 1.71 | 0.14 | 7.42 | 99.74 | 2.08 | 0.43 | 5.05 |
| Кр-17-136 | 64.48 | 0.48 | 8.69 | 4.3 | 0.16 | 8.72 | 3.12 | 1.65 | 2.11 | 0.18 | 4.69 | 98.58 | 3.17 | 0.66 | 2.03 |
| Кр-18-151 | 60.28 | 0.46 | 6.89 | 3.90 | 0.18 | 13.19 | 2.40 | 1.35 | 1.89 | 0.18 | 8.46 | 99.18 | 2.10 | 0.45 | 6.32 |
| Кр-56-399 | 55.94 | 0.3 | 5.91 | 3.04 | 0.078 | 14.1 | 4.07 | 1.28 | 0.54 | 0.21 | 14.6 | 100.07 | 0.82 | 1.62 | 9.73 |
| Кр-58-418 | 57.16 | 0.49 | 9.51 | 4.69 | 0.24 | 5.31 | 8.55 | 1.90 | 0.85 | 0.24 | 10.62 | 99.56 | 1.44 | 3.86 | 2.45 |
| Кр-58-419 | 61.50 | 0.47 | 9.51 | 3.41 | 0.20 | 6.02 | 5.14 | 2.23 | 1.39 | 0.23 | 9.44 | 99.54 | 1.13 | 2.06 | 3.49 |