TABLE 6. THE TRACE ELEMENT COMPOSITIONS OF HELVINE-GROUP MINERALS FROM BERYLLIUM DEPOSITS IN SOUTHEAST CHINA (ppm）

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Spots** | **Li** | **B** | **Sc** | **P** | **Ti** | **V** | **Ga** | **Y** | **Cd** | **Sn** | **Cs** | **La** | **Ce** | **Pr** | **Nd** | **Sm** | **Eu** | **Gd** | **Tb** | **Dy** | **Ho** | **Er** | **Tm** | **Yb** | **Lu** | **Th** | **U** | **U/Th** | **(La/Yb)N** | **δEu** | **ƩREE** |
| DW-10-1 | 64.13 | 47.58 | 238.64 | 1805.29 | 111.27 | 4.1 | 17.61 | 122.26 | <3.96 | 387.45 | 2.44 | 1.15 | 11.76 | 3.70 | 28.64 | 26.97 | 5.43 | 35.07 | 7.71 | 51.40 | 7.69 | 23.14 | 3.52 | 22.58 | 2.99 | 30.04 | 2.22 | 0.07 | 0.04 | 0.54 | 231.75 |
| DW-10-3 | 33.77 | 24.49 | 174.72 | 1372.28 | 102.3 | 2.21 | 10.56 | 67.75 | 4.25 | 223.09 | 0.50 | 0.66 | 5.73 | 2.33 | 18.08 | 21.98 | 4.45 | 25.32 | 5.72 | 31.00 | 4.54 | 10.94 | 1.43 | 9.47 | 1.30 | 13.69 | 0.79 | 0.06 | 0.05 | 0.58 | 142.95 |
| DW-10-4 | 48.05 | 27.84 | 141.62 | 1150.68 | 109.28 | 2.4 | 11.94 | 68.49 | 4.46 | 241.68 | 1.34 | 1.42 | 11.01 | 3.07 | 22.99 | 21.41 | 4.94 | 25.29 | 4.91 | 27.55 | 4.37 | 10.74 | 1.42 | 9.95 | 1.29 | 30.95 | 1.34 | 0.04 | 0.10 | 0.65 | 150.36 |
| DW-10-5 | 43.69 | 57.75 | 136.31 | 1226.18 | 103.9 | 4.34 | 18.92 | 67.05 | 4.89 | 345.84 | 5.27 | 1.15 | 11.84 | 3.54 | 24.92 | 20.73 | 3.68 | 21.13 | 4.15 | 23.33 | 3.33 | 7.16 | 0.87 | 6.66 | 0.70 | 28.06 | 2.57 | 0.09 | 0.12 | 0.54 | 133.20 |
| DW-10-7 | 38.06 | 48.75 | 108.1 | 617.55 | 107.85 | 3.77 | 18.70 | 54.47 | 4.46 | 286.4 | 4.12 | 2.17 | 16.29 | 4.14 | 27.80 | 27.74 | 4.60 | 25.78 | 4.54 | 21.88 | 3.25 | 7.13 | 1.05 | 6.02 | 0.68 | 54.66 | 2.93 | 0.05 | 0.26 | 0.53 | 153.08 |
| DW-10-8 | 28.03 | 22.38 | 173.96 | 1122.59 | 105.36 | 1.17 | 7.51 | 67.68 | 5.88 | 126.01 | - | 0.78 | 7.00 | 2.04 | 15.13 | 16.51 | 4.10 | 23.98 | 5.84 | 30.45 | 5.06 | 12.19 | 1.66 | 9.61 | 1.29 | 15.28 | 0.31 | 0.02 | 0.06 | 0.63 | 135.64 |
| DW-10-9 | 43.92 | 34.65 | 232.19 | 1349.48 | 100.75 | 1.33 | 11.69 | 102.88 | 4.71 | 201.93 | 0.27 | 2.48 | 14.34 | 4.13 | 27.61 | 26.93 | 6.01 | 32.5 | 7.78 | 42.04 | 6.82 | 18.93 | 2.41 | 18.05 | 2.09 | 38.18 | 2.03 | 0.05 | 0.10 | 0.62 | 212.12 |
| DW-10-10 | 48.00 | 49.88 | 181.36 | 1737.23 | 98.67 | 4.27 | 18.65 | 97.53 | - | 393.4 | 3.30 | 0.54 | 7.61 | 2.80 | 20.76 | 22.33 | 3.76 | 24.72 | 5.21 | 35.15 | 6.46 | 16.67 | 2.48 | 19.40 | 2.59 | 15.09 | 1.82 | 0.12 | 0.02 | 0.49 | 170.48 |
| DW-10-11 | 67.44 | 55.3 | 143.01 | 1467.15 | 100.81 | 4.50 | 20.19 | 84.59 | - | 338.41 | 4.15 | 2.98 | 22.42 | 6.18 | 39.85 | 28.58 | 4.78 | 27.19 | 5.35 | 29.70 | 4.88 | 12.08 | 1.70 | 12.19 | 1.55 | 65.69 | 2.52 | 0.04 | 0.18 | 0.52 | 199.43 |
| DW-10-12 | 41.16 | 39.06 | 97.99 | 713.53 | 101.12 | 2.35 | 13.77 | 166.37 | 5.17 | 190.76 | 1.05 | 1.26 | 10.01 | 3.15 | 21.28 | 31.13 | 4.70 | 54.14 | 14.93 | 92.00 | 12.69 | 26.63 | 3.00 | 18.10 | 2.59 | 35.76 | 1.07 | 0.03 | 0.05 | 0.35 | 295.61 |
| DW-10-13 | 63.76 | 43.65 | 153.76 | 1597.07 | 107.24 | 5.11 | 21.46 | 90.06 | 6.03 | 370.83 | 4.68 | 0.86 | 10.46 | 3.49 | 22.31 | 22.11 | 4.14 | 25.49 | 5.26 | 30.94 | 5.28 | 15.98 | 2.23 | 16.51 | 2.42 | 23.29 | 2.19 | 0.09 | 0.04 | 0.53 | 167.48 |
| DW-11-4 | 72.83 | 52.21 | 196.50 | 2423.24 | 94.69 | 3.19 | 18.99 | 153.8 | - | 554.43 | 7.52 | 2.07 | 16.48 | 4.80 | 30.90 | 23.67 | 3.96 | 27.61 | 5.81 | 37.04 | 6.45 | 18.54 | 2.94 | 21.26 | 2.90 | 42.19 | 2.61 | 0.06 | 0.07 | 0.47 | 204.43 |
| DW-11-5 | 45.96 | 77.69 | 147.00 | 1556.60 | 102.8 | 4.01 | 22.25 | 50.8 | - | 588.60 | 7.88 | 2.32 | 17.30 | 4.68 | 27.13 | 17.43 | 3.19 | 14.41 | 3.14 | 16.24 | 2.84 | 8.50 | 1.633 | 13.09 | 1.90 | 49.97 | 3.77 | 0.08 | 0.13 | 0.62 | 133.80 |
| DW-11-6 | 55.48 | 64.84 | 132.53 | 1369.47 | 97.18 | 4.72 | 20.05 | 36.41 | - | 338.13 | 6.53 | 3.70 | 26.01 | 6.45 | 39.06 | 25.41 | 3.61 | 18.49 | 3.16 | 16.96 | 2.62 | 7.01 | 1.47 | 13.11 | 2.01 | 69.23 | 2.95 | 0.04 | 0.20 | 0.51 | 169.07 |
| DW-11-7 | 92.99 | 66.00 | 198.21 | 2692.66 | 96.88 | 3.72 | 22.91 | 150.86 | - | 709.24 | 9.83 | 2.15 | 18.97 | 5.51 | 35.46 | 28.49 | 5.35 | 30.88 | 6.33 | 38.06 | 5.84 | 17.7 | 2.77 | 20.4 | 3.11 | 45.39 | 3.26 | 0.07 | 0.08 | 0.55 | 221.02 |
| DW-11-8 | 134.96 | 63.63 | 229.66 | 1937.43 | 94.82 | 3.10 | 19.39 | 199.13 | 4.03 | 533.05 | 37.24 | 0.353 | 4.95 | 1.70 | 12.38 | 17.06 | 4.42 | 29.15 | 6.82 | 46.53 | 7.69 | 24.08 | 3.52 | 27.57 | 4.02 | 4.78 | 1.89 | 0.40 | 0.01 | 0.60 | 190.78 |
| DW-11-9 | 94.03 | 76.41 | 287.64 | 2857.76 | 98.70 | 4.12 | 23.73 | 183.79 | - | 720.85 | 9.95 | 3.56 | 27.59 | 7.49 | 44.09 | 32.77 | 6.58 | 40.45 | 8.24 | 50.04 | 7.41 | 21.62 | 3.16 | 21.26 | 2.95 | 81.58 | 4.13 | 0.05 | 0.12 | 0.55 | 277.21 |
| DW-11-10 | 80.06 | 67.11 | 215.26 | 2441.25 | 97.25 | 4.50 | 23.05 | 63.3 | - | 557.64 | 7.91 | 0.78 | 8.77 | 3.10 | 21.03 | 20.41 | 4.28 | 25.98 | 5.37 | 32.52 | 5.16 | 16.26 | 2.95 | 24.91 | 4.22 | 29.39 | 2.54 | 0.09 | 0.02 | 0.57 | 176.01 |
| DW-11-11 | 77.67 | 65.07 | 167.62 | 1728.13 | 93.98 | 3.72 | 22.91 | 45.94 | 5.72 | 422.91 | 7.54 | 3.56 | 27.58 | 6.91 | 39.98 | 28.07 | 4.58 | 25.37 | 4.96 | 26.71 | 4.24 | 12.23 | 2.30 | 20.73 | 3.04 | 112.63 | 3.09 | 0.03 | 0.12 | 0.52 | 210.26 |
| DW-11-12 | 57.94 | 67.7 | 175.50 | 1703.10 | 101.93 | 3.64 | 22.12 | 47.34 | - | 448.10 | 7.05 | 3.59 | 25.31 | 6.62 | 38.65 | 27.6 | 4.75 | 25.13 | 5.35 | 28.24 | 4.08 | 12.30 | 2.47 | 21.12 | 3.57 | 95.21 | 3.05 | 0.03 | 0.12 | 0.55 | 208.78 |
| DW-11-13 | 75.67 | 55.81 | 260.24 | 3131.40 | 98.66 | 4.04 | 19.35 | 116.50 | - | 545.12 | 5.71 | 0.81 | 10.31 | 2.85 | 24.28 | 23.72 | 4.17 | 30.05 | 6.85 | 43.01 | 7.63 | 25.27 | 4.90 | 38.66 | 6.40 | 33.68 | 2.62 | 0.08 | 0.02 | 0.48 | 228.91 |
| DW-11-14 | 76.97 | 56.24 | 211.01 | 2549.89 | 92.22 | 3.49 | 21.27 | 95.49 | - | 474.77 | 6.83 | 1.65 | 15.04 | 4.40 | 29.37 | 26.45 | 4.03 | 30.17 | 6.66 | 38.56 | 6.46 | 22.01 | 3.84 | 33.95 | 5.19 | 50.21 | 2.66 | 0.05 | 0.03 | 0.47 | 228.05 |
| DW-11-15 | 83.98 | 69.66 | 174.77 | 1858.97 | 88.53 | 4.53 | 23.10 | 41.56 | - | 502.10 | 11.13 | 1.40 | 12.82 | 3.86 | 22.97 | 19.58 | 3.52 | 18.43 | 3.91 | 22.49 | 3.70 | 11.47 | 2.21 | 18.54 | 2.73 | 48.58 | 2.41 | 0.05 | 0.05 | 0.57 | 147.63 |
| DW-11-16 | 80.37 | 57.16 | 179.44 | 1871.77 | 88.14 | 3.19 | 22.17 | 57.66 | - | 468.01 | 7.38 | 1.88 | 16.24 | 4.44 | 30.41 | 25.04 | 4.73 | 24.44 | 5.38 | 29.17 | 4.60 | 13.85 | 2.67 | 22.31 | 3.60 | 54.35 | 2.67 | 0.05 | 0.06 | 0.58 | 188.76 |
| DW-11-17 | 77.47 | 62.07 | 180.78 | 2399.91 | 89.89 | 3.46 | 21.82 | 143.28 | - | 606.21 | 7.49 | 2.76 | 22.02 | 6.16 | 39.33 | 29.62 | 4.84 | 30.12 | 6.01 | 35.15 | 6.03 | 17.10 | 2.92 | 19.93 | 2.89 | 53.28 | 3.20 | 0.06 | 0.10 | 0.50 | 224.88 |
| QDS-7-2 | - | - | 161.35 | 58.27 | 106.26 | - | - | 27.95 | 8.27 | 22.94 | - | 0.243 | 0.62 | - | 0.76 | - | 0.00 | 1.47 | 0.33 | 3.63 | 1.10 | 4.35 | 1.07 | 10.31 | 2.16 | 0.93 | 0.06 | 0.06 |  | 0.02 | 26.04 |
| QDS-7-5 | 6.36 | - | 163.41 | - | 104.1 | - | - | 17.52 | 13.45 | 7.40 | - | - | 0.21 | - | 0.36 | - | 0.00 | - | 0.13 | 0.85 | 0.46 | 2.71 | 0.89 | 9.85 | 2.12 | 0.42 | 0.03 | 0.07 |  |  | 17.57 |
| QDS-7-6 | 5.32 | - | 227.58 | 98.95 | 101.35 | - | - | 30.88 | 10.96 | 26.88 | - | 0.26 | 0.48 | - | 0.64 | 0.90 | 0.08 | 1.26 | 0.52 | 4.22 | 1.15 | 4.77 | 1.18 | 13.05 | 2.43 | 1.15 | 19.06 | 16.62 | 0.22 | 0.01 | 30.93 |
| QDS-7-8 | 7.95 | - | 140.28 | 59.67 | 93.16 | 0.287 | 0.97 | 36.99 | 14.90 | 46.22 | - | 0.21 | 0.59 | 0.12 | 0.71 | 1.10 | 0.14 | 1.55 | 0.55 | 3.87 | 1.42 | 5.81 | 1.28 | 14.07 | 2.30 | 1.51 | 0.10 | 0.11 | 0.32 | 0.01 | 33.71 |
| QDS-7-9 | 6.77 | - | 234.97 | 69.97 | 105.68 | - | - | 28.04 | 13.46 | 6.48 | - | 0.21 | 0.40 | - | 0.45 | 0.50 | 0.05 | 0.88 | 0.15 | 2.64 | 0.85 | 4.39 | 1.20 | 14.61 | 2.85 | 0.53 | - |  | 0.21 | 0.01 | 29.18 |
| QDS-7-10 | 5.65 | - | 117.43 | 50.67 | 105.71 | - | - | 10.21 | 9.83 | 2.45 | - | - | 0.13 | - | 0.29 | - | 0.00 | 0.61 | - | 0.6 | 0.21 | 1.68 | 0.47 | 5.92 | 1.25 | 0.12 | 0.04 | 0.33 |  |  | 11.16 |
| QDS-7-11 | 4.73 | - | 186.84 | 71.40 | 130.95 | - | 1.18 | 40.25 | 8.86 | 16.22 | 1.45 | - | 0.26 | - | 0.57 | 0.57 | 0.05 | 1.37 | 0.43 | 4.19 | 1.11 | 6.89 | 1.44 | 16.1 | 3.34 | 0.97 | 0.62 | 0.64 | 0.16 |  | 36.32 |
| QDS-7-12 | - | - | 149.42 | 40.36 | 109.94 | - | - | 23.52 | 13.76 | 16.37 | - | 0.26 | 0.64 | 0.14 | 0.74 | - | 0.00 | 1.04 | 0.20 | 2.18 | 0.69 | 3.62 | 0.95 | 10.65 | 2.21 | 0.90 | 0.06 | 0.07 |  | 0.02 | 23.32 |
| QDS-7-14 | - | - | 138.24 | 71.65 | 107.09 | - | - | 12.24 | 8.83 | 2.45 | - | -- | 0.18 | - | 0.30 | 0.30 | 0.00 | - | - | 0.93 | 0.29 | 1.72 | 0.58 | 5.98 | 1.45 | 0.17 | 0.04 | 0.23 |  |  | 11.73 |
| QDS-7-15 | - | - | 136.34 | 56.79 | 91.98 | - | - | 12.88 | 8.86 | 5.74 | - | - | 0.26 | - | 0.42 | - | 0.00 | - | - | 0.87 | 0.34 | 2.02 | 0.57 | 7.30 | 1.61 | 0.14 | - |  |  |  | 13.39 |
| QDS-7-16 | 5.01 | - | 222.72 | 60.87 | 102.96 | - | - | 37.70 | 10.81 | 15.96 | - | 0.22 | 0.54 | - | 0.60 | - | 0.14 | 1.10 | 0.38 | 3.84 | 1.29 | 6.06 | 1.55 | 17.5 | 3.41 | 0.64 | - |  |  | 0.01 | 36.62 |
| QDS-7-17 | 5.32 | - | 175.43 | 63.33 | 99.05 | - | - | 19.80 | 8.95 | 1.46 | - | 0.21 | - | - | 0.30 | - | 0.00 | - | - | 1.34 | 0.50 | 3.01 | 0.92 | 11.61 | 2.80 | 0.22 | - |  |  | 0.01 | 20.70 |
| QDS-7-18 | - | - | 163.11 | 49.20 | 104.9 | - | - | 17.59 | 9.89 | 5.04 | - | - | - | - | - | - | 0.00 | - | - | 1.14 | 0.32 | 2.50 | 0.79 | 9.40 | 2.11 | 0.10 | - |  |  |  | 16.26 |
| QDS-7-19 | 4.3 | - | 183.88 | 47.99 | 105.46 | - | - | 23.24 | 6.66 | - | - | - | 0.14 | - | 0.26 | - | 0.00 | - | 0.18 | 1.32 | 0.47 | 3.15 | 0.83 | 11.30 | 2.84 | 0.12 | - |  |  |  | 20.49 |
| QDS-7-20 | 5.23 | - | 183.22 | <40.69 | 100.06 | - | - | 29.31 | 11.85 | 6.36 | - | 0.36 | 0.57 | - | 0.56 | 0.54 | 0.00 | - | 0.21 | 2.01 | 0.76 | 4.06 | 1.08 | 12.92 | 2.62 | 1.16 | 2.88 | 2.49 |  | 0.02 | 25.70 |
| TXK-1-1 | 54.28 | 8.96 | 66.92 | 1359.70 | 0.01 | 0.01 | 2.41 | 751.71 | 24.21 | 73.31 | 0.53 | 0.15 | 1.04 | 0.36 | 3.22 | 11.42 | 0.11 | 33.41 | 10.72 | 91.32 | 20.35 | 76.65 | 15.37 | 133.48 | 19.49 | 0.82 | 0.28 | 0.34 | 0.017 | 0.0008 | 417.09 |
| TXK-1-2 | 64.92 | 9.72 | 64.69 | 1381.62 | 0.01 | 0.00 | 2.76 | 899.95 | 23.28 | 83.88 | 0.54 | 0.21 | 1.40 | 0.47 | 4.31 | 14.77 | 0.14 | 43.66 | 13.88 | 114.28 | 24.09 | 84.65 | 14.95 | 119.42 | 15.56 | 1.06 | 0.31 | 0.30 | 0.017 | 0.0013 | 451.79 |
| TXK-1-3 | 52.50 | 9.33 | 58.69 | 1382.57 | 0.01 | 0.05 | 2.65 | 791.10 | 23.23 | 72.77 | 0.46 | 0.14 | 1.16 | 0.37 | 3.41 | 12.97 | 0.15 | 39.07 | 12.07 | 97.16 | 19.80 | 67.06 | 11.99 | 93.55 | 11.77 | 0.72 | 0.24 | 0.33 | 0.020 | 0.0011 | 370.68 |
| TXK-1-4 | 57.13 | 9.52 | 58.02 | 1527.49 | 0.01 | 0.02 | 2.55 | 753.83 | 23.86 | 78.43 | 0.43 | 0.15 | 1.04 | 0.34 | 3.22 | 11.64 | 0.18 | 33.74 | 10.30 | 81.74 | 17.30 | 64.51 | 13.24 | 120.03 | 18.55 | 0.66 | 0.27 | 0.41 | 0.028 | 0.0009 | 375.98 |
| TXK-1-5 | 52.25 | 9.80 | 61.71 | 1351.08 | 0.01 | 0.02 | 2.83 | 829.19 | 24.16 | 76.52 | 0.50 | 0.17 | 1.13 | 0.40 | 3.44 | 13.27 | 0.16 | 38.28 | 12.62 | 102.66 | 21.46 | 74.06 | 13.17 | 104.02 | 12.87 | 0.76 | 0.27 | 0.36 | 0.022 | 0.0012 | 397.73 |
| TXK-1-6 | 47.78 | 9.33 | 48.76 | 1404.26 | 0.01 | 0.04 | 2.10 | 637.34 | 23.26 | 63.65 | 0.35 | 0.12 | 0.76 | 0.32 | 2.76 | 10.53 | 0.11 | 30.63 | 9.31 | 73.12 | 14.69 | 50.68 | 9.24 | 77.49 | 11.06 | 0.37 | 0.18 | 0.49 | 0.019 | 0.0011 | 290.82 |
| TXK-1-7 | 53.47 | 9.64 | 52.75 | 1460.96 | 0.01 | 0.01 | 2.13 | 721.59 | 24.47 | 71.62 | 0.39 | 0.13 | 0.92 | 0.30 | 3.04 | 11.09 | 0.13 | 32.09 | 10.14 | 81.41 | 16.97 | 61.75 | 12.33 | 106.77 | 15.73 | 0.57 | 0.24 | 0.42 | 0.021 | 0.0009 | 352.82 |
| TXK-1-8 | 52.65 | 9.68 | 59.75 | 1373.62 | 0.01 | 0.01 | 2.36 | 805.68 | 23.15 | 74.47 | 0.44 | 0.18 | 1.15 | 0.37 | 3.62 | 13.17 | 0.13 | 39.24 | 12.31 | 99.24 | 20.68 | 69.62 | 12.38 | 96.57 | 12.14 | 0.71 | 0.22 | 0.31 | 0.017 | 0.0014 | 380.79 |
| TXK-1-9 | 41.41 | 9.15 | 59.55 | 1060.26 | 0.01 | 0.05 | 2.13 | 595.60 | 23.06 | 55.10 | 0.47 | 0.17 | 1.01 | 0.33 | 2.74 | 9.29 | 0.08 | 28.32 | 9.25 | 75.82 | 16.27 | 58.30 | 10.94 | 92.04 | 13.19 | 0.57 | 0.20 | 0.35 | 0.016 | 0.0013 | 317.76 |
| TXK-1-10 | 51.07 | 9.93 | 56.06 | 1336.87 | 0.01 | 0.03 | 2.20 | 682.13 | 24.42 | 64.52 | 0.42 | 0.12 | 0.99 | 0.34 | 3.22 | 11.58 | 0.14 | 34.21 | 10.36 | 81.11 | 16.54 | 55.81 | 10.16 | 83.99 | 11.57 | 0.49 | 0.20 | 0.42 | 0.022 | 0.0010 | 320.15 |
| TXK-1-11 | 54.90 | 9.64 | 58.38 | 1229.83 | 0.01 | 0.00 | 2.38 | 756.88 | 22.63 | 64.43 | 0.60 | 0.13 | 1.05 | 0.34 | 3.27 | 12.44 | 0.15 | 36.72 | 11.63 | 94.06 | 18.97 | 62.85 | 10.99 | 83.11 | 10.51 | 0.62 | 0.20 | 0.32 | 0.021 | 0.0012 | 346.21 |
| TXK-1-12 | 65.65 | 10.62 | 61.58 | 1532.40 | 0.01 | 0.04 | 2.44 | 820.01 | 23.89 | 86.48 | 0.69 | 0.21 | 1.23 | 0.41 | 3.66 | 13.40 | 0.14 | 39.67 | 12.51 | 104.31 | 22.00 | 77.42 | 14.62 | 115.50 | 15.49 | 0.89 | 0.32 | 0.36 | 0.018 | 0.0013 | 420.58 |
| TXK-1-13 | 51.48 | 9.58 | 52.57 | 1209.89 | 0.01 | 0.04 | 2.21 | 714.54 | 23.93 | 63.80 | 0.43 | 0.17 | 1.05 | 0.40 | 3.44 | 12.53 | 0.12 | 37.68 | 11.57 | 88.96 | 17.72 | 58.64 | 10.35 | 79.52 | 10.09 | 0.51 | 0.22 | 0.44 | 0.016 | 0.0015 | 332.23 |
| TXK-1-14 | 46.22 | 9.71 | 57.96 | 1271.25 | 0.01 | 0.02 | 2.10 | 603.14 | 22.92 | 65.33 | 0.62 | 0.14 | 0.92 | 0.32 | 2.44 | 8.94 | 0.11 | 25.61 | 8.52 | 73.57 | 16.49 | 62.28 | 12.52 | 112.06 | 16.65 | 0.59 | 0.22 | 0.37 | 0.022 | 0.0009 | 340.56 |
| TXK-1-15 | 52.54 | 9.66 | 50.81 | 1315.00 | 0.01 | 0.04 | 2.33 | 683.55 | 24.79 | 63.61 | 0.36 | 0.13 | 0.98 | 0.34 | 3.27 | 12.22 | 0.15 | 35.03 | 10.80 | 83.44 | 16.27 | 52.28 | 8.83 | 68.81 | 8.50 | 0.51 | 0.20 | 0.39 | 0.023 | 0.0014 | 301.04 |
| TXK-1-16 | 52.91 | 10.11 | 54.09 | 1364.63 | 0.01 | 0.02 | 2.46 | 727.76 | 24.91 | 67.57 | 0.42 | 0.16 | 1.07 | 0.39 | 3.26 | 12.49 | 0.13 | 36.80 | 11.48 | 92.39 | 18.20 | 58.29 | 9.95 | 75.03 | 8.89 | 0.59 | 0.22 | 0.37 | 0.018 | 0.0015 | 328.52 |
| TXK-1-17 | 51.83 | 9.92 | 49.84 | 1393.19 | 0.01 | 0.05 | 1.64 | 679.10 | 24.85 | 64.72 | 0.32 | 0.13 | 0.99 | 0.33 | 3.32 | 12.24 | 0.13 | 33.94 | 10.33 | 81.98 | 16.19 | 54.49 | 9.19 | 74.41 | 9.49 | 0.51 | 0.20 | 0.40 | 0.020 | 0.0013 | 307.17 |
| TXK-1-18 | 54.42 | 9.97 | 55.21 | 1301.80 | 0.01 | 0.01 | 2.45 | 804.93 | 25.21 | 71.87 | 0.44 | 0.17 | 1.23 | 0.44 | 4.07 | 13.79 | 0.15 | 40.80 | 12.56 | 100.64 | 20.47 | 67.64 | 12.13 | 94.07 | 12.11 | 0.73 | 0.28 | 0.38 | 0.019 | 0.0013 | 380.27 |
| TXK-1-19 | 54.05 | 10.03 | 54.92 | 1336.29 | 0.01 | 0.03 | 2.25 | 753.25 | 24.44 | 68.38 | 0.38 | 0.15 | 1.14 | 0.39 | 3.35 | 13.29 | 0.15 | 37.66 | 11.87 | 94.75 | 18.71 | 62.63 | 10.85 | 83.76 | 10.17 | 0.67 | 0.23 | 0.35 | 0.020 | 0.0013 | 348.86 |
| TXK-1-20 | 45.67 | 9.20 | 57.75 | 1165.62 | 0.01 | 0.03 | 1.95 | 594.95 | 23.74 | 55.73 | 0.37 | 0.13 | 0.96 | 0.31 | 2.62 | 9.81 | 0.09 | 28.67 | 9.32 | 72.79 | 14.56 | 49.78 | 8.84 | 73.99 | 9.82 | 0.48 | 0.19 | 0.39 | 0.017 | 0.0013 | 281.69 |
| TXK-1-12 | 58.91 | 10.13 | 58.66 | 1365.28 | 0.01 | 0.04 | 2.54 | 861.97 | 24.50 | 70.92 | 0.49 | 0.20 | 1.25 | 0.44 | 3.97 | 14.35 | 0.14 | 41.83 | 13.53 | 110.09 | 23.00 | 78.07 | 13.48 | 100.44 | 12.37 | 0.88 | 0.30 | 0.34 | 0.017 | 0.0014 | 413.16 |

“-” below the detection limit