

Appendix A

Microprobe bulk analyses of pseudotachylyte groundmass

Table 1. Microprobe bulk analysis of sample 1b.

| SiO ₂ | TiO ₂ | Al ₂ O ₃ | MgO | CaO | MnO | FeO | Na ₂ O | K ₂ O | total |
|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------|
| 59.51 | 1.00 | 18.72 | 2.75 | 1.89 | 0.11 | 6.97 | 3.38 | 3.68 | 98.14 |
| 58.21 | 0.98 | 20.07 | 2.61 | 1.85 | 0.08 | 6.86 | 5.12 | 2.38 | 98.23 |
| 58.68 | 1.13 | 19.85 | 2.40 | 1.78 | 0.11 | 6.06 | 2.85 | 4.16 | 97.16 |
| 59.18 | 1.08 | 19.12 | 2.51 | 1.55 | 0.12 | 6.91 | 3.09 | 4.06 | 97.75 |
| 57.96 | 1.05 | 19.98 | 2.47 | 1.40 | 0.07 | 6.84 | 4.00 | 4.16 | 98.04 |
| 62.81 | 1.10 | 16.55 | 2.75 | 0.89 | 0.17 | 7.16 | 0.56 | 5.08 | 97.14 |
| 60.03 | 1.08 | 19.25 | 2.33 | 1.80 | 0.13 | 5.92 | 3.60 | 3.94 | 98.20 |
| 59.52 | 1.05 | 20.01 | 2.00 | 1.93 | 0.10 | 5.81 | 5.98 | 2.43 | 98.91 |
| 58.26 | 1.08 | 19.85 | 2.37 | 1.48 | 0.10 | 6.38 | 5.89 | 2.69 | 98.28 |
| 58.49 | 0.99 | 18.44 | 3.05 | 1.95 | 0.11 | 7.69 | 2.12 | 4.26 | 97.25 |
| 51.85 | 1.36 | 21.80 | 3.21 | 1.42 | 0.13 | 7.93 | 1.98 | 6.21 | 96.04 |
| 57.55 | 0.99 | 20.18 | 2.64 | 1.43 | 0.11 | 6.36 | 2.93 | 4.99 | 97.30 |
| 59.47 | 1.06 | 19.90 | 2.21 | 1.97 | 0.10 | 5.72 | 4.39 | 3.38 | 98.30 |
| 57.01 | 1.16 | 20.61 | 2.83 | 1.56 | 0.12 | 7.20 | 2.96 | 4.45 | 98.05 |
| 51.21 | 1.21 | 22.36 | 3.06 | 1.64 | 0.14 | 7.99 | 4.66 | 4.82 | 97.23 |
| 59.46 | 0.99 | 18.97 | 2.67 | 1.51 | 0.07 | 6.75 | 2.48 | 4.42 | 97.45 |
| 62.28 | 0.81 | 18.08 | 1.77 | 1.27 | 0.07 | 6.39 | 3.49 | 4.00 | 98.20 |
| 58.28 | 0.96 | 18.99 | 2.94 | 1.82 | 0.12 | 7.18 | 2.73 | 4.29 | 97.42 |
| 61.69 | 0.93 | 19.19 | 1.95 | 2.01 | 0.03 | 4.93 | 5.12 | 2.70 | 98.62 |
| 61.06 | 0.92 | 18.82 | 2.14 | 1.88 | 0.07 | 5.87 | 4.01 | 3.34 | 98.19 |
| 58.57 | 0.86 | 18.95 | 3.49 | 1.62 | 0.06 | 7.58 | 3.50 | 3.12 | 97.80 |
| 60.47 | 1.16 | 19.87 | 1.80 | 1.62 | 0.10 | 5.67 | 4.40 | 3.83 | 99.08 |
| 60.98 | 0.91 | 19.27 | 2.18 | 2.05 | 0.14 | 5.36 | 5.51 | 2.65 | 99.13 |
| 59.75 | 1.21 | 19.36 | 2.64 | 1.50 | 0.16 | 6.34 | 2.86 | 4.12 | 98.03 |
| 61.18 | 0.98 | 18.42 | 2.67 | 1.69 | 0.11 | 6.58 | 3.71 | 3.38 | 98.79 |
| 67.19 | 0.92 | 17.35 | 1.22 | 1.25 | 0.02 | 3.80 | 5.82 | 1.96 | 99.63 |
| 60.31 | 1.14 | 18.57 | 2.49 | 1.66 | 0.11 | 6.31 | 4.50 | 3.48 | 98.67 |
| 62.20 | 0.96 | 18.00 | 2.09 | 1.64 | 0.14 | 6.02 | 3.78 | 3.39 | 98.36 |
| 57.67 | 1.07 | 19.55 | 2.89 | 1.88 | 0.10 | 7.35 | 3.52 | 3.94 | 98.06 |
| 60.07 | 1.07 | 19.37 | 2.20 | 1.45 | 0.14 | 6.34 | 4.79 | 3.41 | 98.98 |

Table 2. Microprobe bulk analysis of sample 5.

| SiO ₂ | TiO ₂ | Al ₂ O ₃ | MgO | CaO | MnO | FeO | Na ₂ O | K ₂ O | total |
|------------------|------------------|--------------------------------|------|------|------|-------|-------------------|------------------|--------|
| 58.63 | 0.63 | 15.91 | 4.18 | 6.83 | 0.20 | 7.66 | 3.34 | 1.33 | 98.80 |
| 54.59 | 0.53 | 18.24 | 4.50 | 8.25 | 0.20 | 7.67 | 3.83 | 0.97 | 98.90 |
| 54.81 | 0.63 | 16.93 | 4.98 | 7.63 | 0.18 | 8.43 | 3.57 | 1.31 | 98.54 |
| 57.09 | 0.41 | 18.27 | 3.44 | 7.46 | 0.12 | 6.90 | 4.47 | 0.74 | 99.08 |
| 56.96 | 0.51 | 17.94 | 4.01 | 7.56 | 0.16 | 7.06 | 4.06 | 1.29 | 99.61 |
| 56.17 | 0.47 | 17.74 | 4.20 | 7.94 | 0.15 | 7.14 | 4.08 | 0.77 | 98.77 |
| 57.00 | 0.63 | 17.56 | 4.29 | 7.89 | 0.16 | 6.90 | 3.83 | 0.95 | 99.28 |
| 55.03 | 0.66 | 16.67 | 5.29 | 7.87 | 0.14 | 8.38 | 3.30 | 1.27 | 98.67 |
| 49.85 | 0.76 | 19.43 | 5.56 | 8.54 | 0.23 | 9.41 | 3.78 | 1.35 | 99.04 |
| 57.41 | 0.56 | 17.58 | 4.36 | 7.62 | 0.12 | 6.88 | 4.00 | 0.85 | 99.55 |
| 54.57 | 0.31 | 20.47 | 3.75 | 7.32 | 0.07 | 6.35 | 5.18 | 0.29 | 98.33 |
| 50.80 | 0.63 | 19.32 | 5.11 | 8.64 | 0.13 | 8.60 | 4.29 | 0.63 | 98.27 |
| 48.94 | 0.59 | 18.58 | 5.80 | 8.95 | 0.19 | 10.15 | 3.54 | 0.98 | 97.82 |
| 56.72 | 0.43 | 17.19 | 4.26 | 8.47 | 0.18 | 7.30 | 4.07 | 0.50 | 99.17 |
| 48.48 | 0.98 | 18.71 | 5.42 | 7.81 | 0.21 | 10.41 | 3.71 | 1.11 | 96.94 |
| 53.60 | 0.66 | 18.27 | 4.66 | 6.55 | 0.11 | 8.92 | 4.96 | 0.79 | 98.60 |
| 56.65 | 0.66 | 18.89 | 3.64 | 7.10 | 0.17 | 6.32 | 4.78 | 0.67 | 98.90 |
| 56.85 | 0.79 | 16.94 | 4.24 | 6.50 | 0.15 | 8.01 | 5.03 | 0.51 | 99.06 |
| 57.29 | 0.78 | 16.61 | 4.12 | 7.85 | 0.12 | 8.20 | 3.54 | 0.78 | 99.38 |
| 52.30 | 0.57 | 17.51 | 5.08 | 7.73 | 0.20 | 9.93 | 4.25 | 0.71 | 98.40 |
| 69.55 | 0.40 | 14.52 | 1.99 | 4.63 | 0.08 | 4.15 | 4.65 | 0.37 | 100.42 |
| 52.93 | 0.22 | 19.11 | 5.67 | 9.71 | 0.18 | 7.54 | 3.37 | 0.93 | 99.82 |
| 56.58 | 0.58 | 17.54 | 4.35 | 8.49 | 0.15 | 7.49 | 3.56 | 0.71 | 99.59 |
| 66.20 | 1.25 | 13.69 | 3.00 | 5.23 | 0.12 | 6.08 | 3.53 | 0.77 | 99.90 |
| 60.49 | 0.41 | 18.93 | 3.01 | 7.37 | 0.09 | 4.99 | 3.88 | 0.69 | 99.95 |
| 60.75 | 0.34 | 15.30 | 4.70 | 6.77 | 0.09 | 7.39 | 3.04 | 0.97 | 99.43 |
| 55.42 | 0.20 | 20.29 | 3.68 | 8.56 | 0.12 | 6.46 | 3.48 | 1.07 | 99.41 |
| 56.46 | 0.52 | 17.96 | 4.56 | 8.18 | 0.19 | 7.10 | 3.38 | 0.86 | 99.26 |
| 62.80 | 0.35 | 15.34 | 4.19 | 7.38 | 0.12 | 6.05 | 3.35 | 0.58 | 100.22 |
| 51.84 | 0.27 | 22.47 | 3.98 | 9.28 | 0.12 | 6.19 | 4.02 | 1.23 | 99.51 |

Table 3. Microprobe bulk analysis of sample 16.

| SiO ₂ | TiO ₂ | Al ₂ O ₃ | MgO | CaO | MnO | FeO | Na ₂ O | K ₂ O | total |
|------------------|------------------|--------------------------------|------|------|------|-------|-------------------|------------------|--------|
| 52.79 | 1.85 | 17.33 | 4.46 | 7.13 | 0.22 | 10.47 | 4.23 | 1.37 | 99.88 |
| 53.59 | 1.68 | 17.41 | 4.13 | 6.76 | 0.19 | 9.92 | 4.11 | 1.41 | 99.23 |
| 53.46 | 1.90 | 17.18 | 4.37 | 6.69 | 0.26 | 10.48 | 4.29 | 1.14 | 99.81 |
| 54.58 | 1.79 | 17.24 | 3.98 | 6.34 | 0.23 | 9.67 | 4.19 | 1.49 | 99.64 |
| 52.44 | 1.91 | 17.02 | 4.92 | 7.37 | 0.31 | 11.12 | 3.86 | 1.01 | 100.03 |
| 54.36 | 1.78 | 16.52 | 4.24 | 6.80 | 0.27 | 10.78 | 3.74 | 1.33 | 99.87 |
| 49.45 | 2.06 | 16.96 | 5.15 | 6.56 | 0.17 | 12.73 | 3.47 | 2.05 | 98.65 |
| 62.06 | 1.38 | 13.06 | 3.75 | 4.39 | 0.18 | 9.92 | 3.01 | 1.97 | 99.82 |
| 56.39 | 1.65 | 15.29 | 4.09 | 5.98 | 0.18 | 11.19 | 3.56 | 1.48 | 99.91 |
| 52.61 | 1.78 | 17.14 | 4.68 | 6.89 | 0.28 | 10.77 | 4.25 | 0.99 | 99.44 |
| 54.27 | 1.69 | 16.41 | 4.41 | 5.63 | 0.20 | 11.05 | 3.40 | 2.23 | 99.34 |
| 53.52 | 1.99 | 17.19 | 4.28 | 6.07 | 0.26 | 10.61 | 3.81 | 1.70 | 99.51 |
| 53.52 | 1.79 | 16.93 | 4.10 | 5.82 | 0.22 | 11.37 | 3.62 | 2.16 | 99.59 |
| 53.66 | 1.65 | 18.09 | 4.36 | 6.84 | 0.32 | 9.88 | 4.40 | 0.90 | 100.18 |
| 54.28 | 1.66 | 17.27 | 4.29 | 6.19 | 0.31 | 9.97 | 3.90 | 1.61 | 99.57 |
| 54.91 | 1.82 | 17.45 | 3.88 | 6.13 | 0.26 | 9.58 | 4.31 | 1.36 | 99.78 |
| 54.55 | 1.75 | 17.30 | 3.85 | 5.29 | 0.18 | 10.46 | 4.08 | 1.84 | 99.39 |
| 60.05 | 1.42 | 15.14 | 3.37 | 5.25 | 0.17 | 8.95 | 3.82 | 1.54 | 99.77 |
| 52.58 | 1.87 | 16.66 | 4.56 | 6.45 | 0.26 | 11.42 | 3.39 | 1.90 | 99.14 |
| 54.84 | 1.87 | 17.20 | 4.21 | 6.40 | 0.21 | 9.75 | 3.73 | 1.37 | 99.65 |
| 54.83 | 1.91 | 18.28 | 3.28 | 6.74 | 0.22 | 8.71 | 4.72 | 1.02 | 99.81 |
| 53.14 | 1.79 | 18.02 | 3.85 | 6.72 | 0.25 | 9.90 | 4.17 | 1.32 | 99.19 |
| 54.23 | 1.80 | 17.72 | 3.80 | 6.67 | 0.21 | 9.54 | 4.08 | 1.29 | 99.38 |
| 54.75 | 1.73 | 17.09 | 3.90 | 6.30 | 0.24 | 9.89 | 4.13 | 1.52 | 99.64 |
| 54.17 | 1.75 | 16.61 | 4.18 | 6.77 | 0.20 | 10.77 | 3.95 | 1.10 | 99.55 |
| 52.67 | 1.69 | 17.83 | 4.06 | 6.88 | 0.20 | 10.09 | 4.03 | 1.41 | 98.97 |
| 57.40 | 1.60 | 15.81 | 3.85 | 5.28 | 0.24 | 9.16 | 3.70 | 1.68 | 98.85 |
| 55.46 | 1.65 | 16.97 | 3.75 | 6.43 | 0.23 | 9.51 | 4.13 | 1.24 | 99.41 |
| 49.57 | 1.57 | 15.73 | 5.30 | 6.72 | 0.28 | 14.21 | 2.36 | 2.18 | 98.00 |
| 55.23 | 2.09 | 18.06 | 3.60 | 5.92 | 0.24 | 8.59 | 4.71 | 1.09 | 99.67 |

Table 4. Microprobe bulk analysis of sample J96-1.

| SiO ₂ | TiO ₂ | Al ₂ O ₃ | MgO | CaO | MnO | FeO | Na ₂ O | K ₂ O | total |
|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------|
| 59.80 | 0.64 | 19.32 | 2.64 | 0.72 | 0.06 | 4.76 | 2.28 | 5.45 | 95.66 |
| 58.18 | 0.82 | 19.50 | 2.85 | 1.67 | 0.07 | 6.11 | 2.43 | 5.19 | 96.81 |
| 58.94 | 0.91 | 19.42 | 2.78 | 2.25 | 0.04 | 5.29 | 2.52 | 4.76 | 96.90 |
| 59.32 | 0.77 | 18.63 | 2.81 | 2.12 | 0.07 | 5.47 | 2.68 | 4.56 | 96.43 |
| 59.43 | 0.74 | 18.62 | 2.99 | 1.84 | 0.05 | 5.87 | 2.71 | 4.54 | 96.79 |
| 59.81 | 0.81 | 18.23 | 2.91 | 1.55 | 0.05 | 5.61 | 2.70 | 4.57 | 96.24 |
| 59.07 | 0.92 | 18.99 | 3.30 | 1.14 | 0.07 | 6.21 | 3.11 | 4.05 | 96.87 |
| 59.81 | 0.92 | 19.69 | 2.56 | 1.58 | 0.07 | 4.97 | 6.77 | 1.44 | 97.80 |
| 59.02 | 0.89 | 19.45 | 2.35 | 0.87 | 0.10 | 5.34 | 4.99 | 3.60 | 96.61 |
| 59.93 | 0.90 | 18.99 | 2.54 | 1.28 | 0.07 | 5.16 | 4.05 | 3.86 | 96.77 |
| 56.93 | 1.08 | 18.44 | 3.02 | 1.44 | 0.07 | 6.49 | 2.87 | 4.51 | 94.85 |
| 58.52 | 0.85 | 18.99 | 2.63 | 1.23 | 0.06 | 5.17 | 3.28 | 4.40 | 95.13 |
| 59.78 | 0.84 | 20.29 | 2.32 | 0.92 | 0.04 | 4.54 | 3.05 | 5.00 | 96.78 |
| 61.60 | 0.85 | 18.26 | 2.44 | 1.07 | 0.09 | 5.00 | 4.65 | 3.48 | 97.43 |
| 60.24 | 0.94 | 18.57 | 2.88 | 1.08 | 0.10 | 5.81 | 4.48 | 3.40 | 97.51 |
| 61.32 | 0.88 | 18.08 | 2.74 | 1.18 | 0.10 | 5.39 | 3.82 | 3.69 | 97.20 |
| 59.98 | 0.83 | 18.87 | 2.93 | 0.99 | 0.03 | 5.48 | 3.14 | 4.35 | 96.61 |
| 59.43 | 0.89 | 19.38 | 2.59 | 0.98 | 0.08 | 4.87 | 2.94 | 4.98 | 96.13 |
| 58.96 | 0.88 | 19.48 | 2.72 | 1.19 | 0.09 | 5.50 | 4.54 | 3.52 | 96.88 |
| 59.33 | 0.96 | 19.45 | 2.84 | 1.33 | 0.05 | 5.44 | 6.22 | 2.39 | 98.01 |
| 57.62 | 0.80 | 19.29 | 3.29 | 0.69 | 0.06 | 6.34 | 2.82 | 5.41 | 96.31 |
| 59.14 | 0.88 | 19.97 | 3.30 | 1.07 | 0.05 | 6.24 | 2.21 | 5.28 | 98.12 |
| 61.21 | 0.94 | 19.28 | 2.67 | 1.56 | 0.03 | 4.90 | 2.61 | 4.73 | 97.93 |
| 58.46 | 0.86 | 20.41 | 2.77 | 1.07 | 0.01 | 5.64 | 2.83 | 5.03 | 97.08 |
| 60.61 | 0.82 | 19.63 | 2.50 | 0.88 | 0.07 | 5.21 | 3.42 | 4.62 | 97.76 |
| 60.65 | 0.91 | 19.25 | 2.64 | 1.04 | 0.03 | 5.23 | 4.11 | 3.95 | 97.81 |
| 60.26 | 0.86 | 20.48 | 2.51 | 1.82 | 0.07 | 5.56 | 6.11 | 1.80 | 99.48 |
| 60.10 | 0.87 | 19.36 | 2.81 | 1.35 | 0.08 | 5.62 | 2.45 | 5.14 | 97.77 |
| 60.42 | 0.92 | 19.29 | 2.87 | 1.13 | 0.08 | 5.42 | 2.89 | 4.84 | 97.87 |
| 60.92 | 0.90 | 19.05 | 2.87 | 1.52 | 0.08 | 5.16 | 2.11 | 5.21 | 97.81 |
| 61.20 | 0.90 | 18.76 | 2.97 | 1.45 | 0.12 | 5.58 | 2.33 | 4.90 | 98.20 |
| 61.61 | 1.05 | 19.00 | 2.81 | 1.33 | 0.06 | 5.63 | 2.25 | 4.96 | 98.71 |
| 61.20 | 0.91 | 19.17 | 2.86 | 1.25 | 0.09 | 5.51 | 3.56 | 4.12 | 98.66 |
| 60.57 | 0.94 | 19.27 | 2.74 | 1.21 | 0.02 | 5.18 | 3.33 | 4.53 | 97.77 |
| 60.50 | 0.96 | 18.94 | 2.83 | 1.35 | 0.06 | 5.32 | 2.98 | 4.63 | 97.56 |
| 61.28 | 0.87 | 18.78 | 2.85 | 1.34 | 0.11 | 5.67 | 2.98 | 4.58 | 98.44 |
| 61.06 | 0.89 | 19.19 | 2.91 | 1.45 | 0.13 | 5.76 | 5.57 | 2.67 | 99.63 |
| 60.31 | 0.95 | 18.92 | 2.85 | 1.37 | 0.09 | 5.63 | 2.16 | 5.04 | 97.33 |
| 61.00 | 0.90 | 19.82 | 2.56 | 0.98 | 0.06 | 5.18 | 3.97 | 4.23 | 98.69 |
| 59.74 | 0.89 | 19.48 | 2.91 | 1.68 | 0.10 | 5.61 | 2.84 | 4.70 | 97.94 |
| 61.12 | 0.88 | 18.61 | 2.88 | 1.10 | 0.05 | 5.71 | 3.00 | 4.39 | 97.74 |
| 61.20 | 0.85 | 18.95 | 2.94 | 1.28 | 0.06 | 5.70 | 5.54 | 2.66 | 99.17 |
| 61.04 | 0.88 | 19.10 | 3.02 | 1.34 | 0.09 | 5.49 | 3.34 | 4.28 | 98.58 |
| 61.33 | 0.98 | 19.59 | 2.70 | 1.16 | 0.05 | 5.39 | 3.37 | 4.39 | 98.95 |
| 60.88 | 0.83 | 19.23 | 2.97 | 1.58 | 0.07 | 5.36 | 2.59 | 4.54 | 98.05 |
| 60.83 | 0.93 | 18.60 | 3.03 | 1.69 | 0.08 | 6.93 | 2.57 | 4.57 | 99.22 |
| 61.07 | 1.02 | 18.43 | 2.74 | 1.56 | 0.11 | 5.56 | 2.80 | 4.57 | 97.85 |
| 61.31 | 0.93 | 18.12 | 3.00 | 1.40 | 0.05 | 5.96 | 3.53 | 3.83 | 98.11 |
| 61.51 | 0.88 | 19.05 | 3.10 | 1.10 | 0.04 | 5.32 | 5.51 | 2.78 | 99.29 |

Table 5. Microprobe bulk analysis of sample J96-2.

| SiO ₂ | TiO ₂ | Al ₂ O ₃ | MgO | CaO | MnO | FeO | Na ₂ O | K ₂ O | total |
|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|--------|
| 61.65 | 0.99 | 17.55 | 2.96 | 4.84 | 0.12 | 6.00 | 5.32 | 1.24 | 100.66 |
| 59.98 | 1.20 | 16.06 | 3.73 | 4.85 | 0.18 | 7.07 | 5.35 | 1.06 | 99.48 |
| 61.44 | 0.95 | 16.21 | 3.34 | 3.85 | 0.10 | 6.70 | 5.46 | 1.24 | 99.29 |
| 58.92 | 1.15 | 18.22 | 3.22 | 3.92 | 0.04 | 5.58 | 6.74 | 1.42 | 99.21 |
| 61.79 | 0.89 | 17.25 | 3.04 | 3.56 | 0.09 | 5.63 | 6.79 | 1.08 | 100.12 |
| 59.32 | 1.02 | 17.06 | 3.52 | 4.42 | 0.13 | 6.18 | 6.98 | 1.15 | 99.77 |
| 60.20 | 0.97 | 17.26 | 3.66 | 4.36 | 0.11 | 6.96 | 5.62 | 1.42 | 100.54 |
| 58.93 | 1.13 | 18.31 | 3.14 | 4.61 | 0.13 | 6.41 | 6.11 | 1.50 | 100.27 |
| 58.58 | 1.23 | 17.12 | 3.80 | 5.32 | 0.12 | 7.17 | 5.80 | 1.20 | 100.34 |
| 61.04 | 0.95 | 17.00 | 3.69 | 4.01 | 0.12 | 6.86 | 6.01 | 1.05 | 100.72 |
| 59.96 | 0.89 | 17.29 | 3.73 | 4.55 | 0.17 | 6.76 | 5.50 | 1.25 | 100.09 |
| 60.45 | 0.93 | 16.13 | 3.89 | 3.94 | 0.10 | 7.07 | 5.83 | 0.86 | 99.19 |
| 57.57 | 1.03 | 16.68 | 4.45 | 4.67 | 0.08 | 8.13 | 5.39 | 1.25 | 99.24 |
| 56.93 | 1.12 | 17.35 | 4.16 | 6.28 | 0.07 | 7.36 | 4.87 | 1.87 | 100.01 |
| 60.97 | 1.08 | 17.26 | 3.46 | 3.74 | 0.09 | 5.57 | 6.50 | 1.71 | 100.39 |
| 59.20 | 1.13 | 16.83 | 3.80 | 4.85 | 0.10 | 6.75 | 6.04 | 1.51 | 100.19 |
| 60.25 | 1.10 | 17.81 | 3.04 | 4.24 | 0.06 | 5.79 | 6.85 | 1.15 | 100.30 |
| 61.38 | 1.07 | 15.82 | 3.77 | 4.77 | 0.11 | 6.99 | 5.47 | 1.27 | 100.65 |
| 59.03 | 1.06 | 18.02 | 3.30 | 4.93 | 0.12 | 6.18 | 5.78 | 1.83 | 100.26 |
| 58.90 | 1.07 | 17.61 | 3.76 | 4.33 | 0.12 | 6.52 | 5.76 | 1.85 | 99.92 |
| 56.44 | 0.88 | 18.07 | 3.96 | 3.60 | 0.11 | 7.87 | 6.01 | 1.60 | 98.54 |
| 54.47 | 1.36 | 18.10 | 4.13 | 4.85 | 0.09 | 8.31 | 5.86 | 1.14 | 98.29 |
| 51.98 | 1.05 | 18.49 | 5.14 | 3.66 | 0.13 | 8.81 | 5.79 | 1.25 | 96.29 |
| 58.40 | 1.11 | 17.21 | 3.63 | 5.29 | 0.10 | 5.92 | 5.57 | 1.13 | 98.34 |
| 56.46 | 0.91 | 17.98 | 4.16 | 5.05 | 0.09 | 7.06 | 6.05 | 1.58 | 99.34 |
| 52.95 | 0.89 | 5.89 | 1.60 | 3.04 | 0.09 | 4.84 | 4.43 | 0.90 | 74.63 |
| 55.45 | 1.17 | 17.51 | 4.21 | 5.16 | 0.12 | 7.29 | 5.58 | 2.12 | 98.61 |
| 58.30 | 1.13 | 16.55 | 3.93 | 5.03 | 0.14 | 6.72 | 5.90 | 1.16 | 98.86 |
| 58.28 | 1.02 | 17.08 | 3.26 | 6.08 | 0.09 | 6.62 | 5.33 | 1.03 | 98.77 |
| 49.53 | 1.05 | 9.81 | 1.95 | 1.76 | 0.00 | 4.00 | 4.46 | 0.80 | 73.36 |
| 48.83 | 0.86 | 8.93 | 2.10 | 1.59 | 0.03 | 3.70 | 4.99 | 0.56 | 71.58 |
| 46.18 | 0.93 | 9.54 | 2.86 | 2.41 | 0.06 | 5.07 | 4.38 | 0.72 | 72.15 |
| 47.65 | 0.96 | 10.54 | 3.13 | 2.94 | 0.01 | 5.97 | 4.00 | 0.92 | 76.11 |
| 49.91 | 0.85 | 13.05 | 2.82 | 3.41 | 0.02 | 5.77 | 4.76 | 1.30 | 81.88 |
| 46.41 | 1.19 | 12.75 | 5.15 | 4.59 | 0.07 | 9.54 | 3.76 | 1.26 | 84.72 |
| 43.72 | 1.13 | 7.22 | 2.06 | 1.86 | 0.05 | 4.81 | 3.48 | 0.44 | 64.76 |
| 45.82 | 1.04 | 9.82 | 1.99 | 1.51 | 0.02 | 3.58 | 4.69 | 1.42 | 69.87 |
| 61.74 | 0.88 | 17.73 | 2.39 | 3.65 | 0.07 | 4.87 | 6.90 | 0.79 | 99.01 |
| 53.62 | 1.38 | 17.81 | 3.69 | 7.20 | 0.16 | 8.14 | 4.82 | 0.82 | 97.65 |
| 56.41 | 1.21 | 18.09 | 4.04 | 3.73 | 0.13 | 6.90 | 6.06 | 1.80 | 98.37 |
| 60.16 | 0.99 | 16.50 | 2.89 | 3.63 | 0.13 | 5.44 | 6.70 | 0.85 | 97.28 |