

Major-element Chemical Data accompanying Hildreth et al. (2003) Eruptive history and geochronology of the Mount Baker volcanic field, Washington [B25107]

Samples are listed numerically, grouped by 3-letter map-unit labels, which are in alphabetical order and explained in detail in Table 1 of Hildreth et al. (2003).

Major-oxide contents in weight percent, normalized to volatile-free totals of 99.6% (allowing 0.4% for trace oxides and halogens), determined by wavelength-dispersive x-ray-fluorescence analysis in the U.S. Geological Survey laboratory at Lakewood, Colorado; principal analyst D.F. Siems. Precision and accuracy were discussed by Baedecker (1987) and Bacon and Druitt (1988). FeO* is total Fe calculated as FeO. LOI is weight loss on ignition at 900°C. Original total is volatile-free sum of the 10 major-oxide analyses before normalization (with total Fe calculated as Fe₂O₃).

All samples collected by Wes Hildreth and Judy Fierstein, 1992-99; assisted by Dave Tucker, Patty Weston, Mike Dean, Ellen Lougee, and Kari Cooper.

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|------|----------------|
| aac | 15 | 947/162 | 65.93 | 0.65 | 16.51 | 3.88 | 0.09 | 1.36 | 3.76 | 4.90 | 2.30 | 0.23 | 0.67 | 98.35 |
| aac | 15r | 947/162 | 59.22 | 0.95 | 18.02 | 6.02 | 0.11 | 3.02 | 6.21 | 4.22 | 1.54 | 0.30 | 0.81 | 98.39 |
| aac | 657b | 948/161 | 58.55 | 0.98 | 17.95 | 6.25 | 0.11 | 3.30 | 6.65 | 4.05 | 1.46 | 0.30 | 0.40 | 99.34 |
| aba | 168 | 893/087 | 58.84 | 1.02 | 16.72 | 6.12 | 0.11 | 3.59 | 6.15 | 4.38 | 2.33 | 0.35 | 0.2 | 98.86 |
| abb | 16 | 822/036 | 62.08 | 1.02 | 17.03 | 5.43 | 0.14 | 1.79 | 4.40 | 5.68 | 1.61 | 0.41 | 0.07 | 98.84 |
| abb | 18 | 822/035 | 52.77 | 1.27 | 18.03 | 8.58 | 0.15 | 5.68 | 8.11 | 3.90 | 0.82 | 0.31 | 0.06 | 98.91 |
| abb | 19 | 822/037 | 58.23 | 0.73 | 17.65 | 5.61 | 0.10 | 4.39 | 7.57 | 3.54 | 1.50 | 0.27 | 0.33 | 98.18 |
| abb | 29 | 826/977 | 56.43 | 0.98 | 18.17 | 6.30 | 0.11 | 4.37 | 7.89 | 3.87 | 1.17 | 0.30 | 0.07 | 99.20 |
| abb | 49 | 878/972 | 58.47 | 0.93 | 17.68 | 5.76 | 0.10 | 3.82 | 6.92 | 4.12 | 1.49 | 0.31 | 0.01 | 99.15 |
| abb | 57 | 832/985 | 54.85 | 0.94 | 18.72 | 6.89 | 0.13 | 4.29 | 8.36 | 4.01 | 1.12 | 0.29 | 0.84 | 98.42 |
| abb | 108 | 829/009 | 58.99 | 0.73 | 17.63 | 5.39 | 0.10 | 4.12 | 7.35 | 3.48 | 1.54 | 0.28 | 1.29 | 97.76 |
| abb | 110 | 828/010 | 59.49 | 0.80 | 18.05 | 5.21 | 0.09 | 3.62 | 6.93 | 3.78 | 1.38 | 0.26 | 0.26 | 98.78 |
| abb | 111 | 833/008 | 56.79 | 0.92 | 19.44 | 6.22 | 0.10 | 3.47 | 7.77 | 3.26 | 1.44 | 0.20 | 2.81 | 96.81 |
| abb | 112 | 824/007 | 63.57 | 0.69 | 16.50 | 4.62 | 0.09 | 2.67 | 4.77 | 4.24 | 2.25 | 0.19 | 0.49 | 99.02 |
| abb | 113 | 825/007 | 59.73 | 0.71 | 16.89 | 5.05 | 0.10 | 4.59 | 7.09 | 3.57 | 1.59 | 0.28 | 0.25 | 99.05 |
| abb | 114 | 816/007 | 59.42 | 0.91 | 17.62 | 5.69 | 0.10 | 3.36 | 6.50 | 4.18 | 1.55 | 0.27 | 0.16 | 98.90 |
| abb | 116 | 821/001 | 63.67 | 0.70 | 16.50 | 4.65 | 0.09 | 2.55 | 4.75 | 4.15 | 2.32 | 0.20 | 0.38 | 99.02 |
| abb | 117 | 815/000 | 60.49 | 0.73 | 17.39 | 5.25 | 0.10 | 3.59 | 6.33 | 3.75 | 1.77 | 0.19 | 1.31 | 97.96 |
| abb | 118 | 815/998 | 60.01 | 0.84 | 18.36 | 5.38 | 0.10 | 2.51 | 6.73 | 4.03 | 1.35 | 0.27 | 0.25 | 99.25 |
| abb | 119 | 792/990 | 58.08 | 0.81 | 18.99 | 5.76 | 0.11 | 2.70 | 7.69 | 3.81 | 1.46 | 0.19 | 1.06 | 98.09 |
| abb | 176 | 814/033 | 62.06 | 1.02 | 17.30 | 5.40 | 0.14 | 1.86 | 4.27 | 5.51 | 1.63 | 0.41 | 0.15 | 99.03 |

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| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|------|----------------|
| abb | 177 | 819/031 | 61.69 | 1.04 | 17.30 | 5.54 | 0.15 | 1.89 | 4.41 | 5.48 | 1.62 | 0.48 | 0.03 | 98.67 |
| abb | 178 | 813/026 | 59.57 | 1.05 | 17.69 | 6.27 | 0.15 | 2.47 | 5.25 | 5.39 | 1.32 | 0.42 | 0.1 | 99.10 |
| abb | 179 | 812/029 | 57.93 | 0.75 | 17.86 | 5.67 | 0.10 | 4.66 | 7.42 | 3.40 | 1.53 | 0.27 | 0.32 | 98.69 |
| abb | 233 | 831/031 | 59.49 | 0.82 | 18.05 | 5.35 | 0.09 | 3.51 | 6.87 | 3.80 | 1.38 | 0.25 | 0.36 | 98.78 |
| abb | 234 | 830/032 | 58.68 | 0.77 | 18.12 | 5.46 | 0.10 | 3.98 | 7.22 | 3.73 | 1.30 | 0.25 | 0.21 | 98.96 |
| abb | 235 | 830/032 | 58.77 | 0.77 | 18.12 | 5.41 | 0.09 | 4.00 | 7.16 | 3.72 | 1.30 | 0.26 | 0.2 | 98.97 |
| abb | 236 | 830/033 | 58.95 | 0.77 | 18.20 | 5.40 | 0.09 | 3.81 | 7.08 | 3.75 | 1.30 | 0.25 | 0.55 | 98.51 |
| abb | 237 | 830/033 | 58.85 | 0.79 | 18.44 | 5.43 | 0.09 | 3.63 | 6.91 | 3.90 | 1.30 | 0.27 | 0.22 | 98.85 |
| abb | 238 | 829/032 | 58.71 | 0.79 | 18.40 | 5.51 | 0.09 | 3.68 | 6.96 | 3.89 | 1.30 | 0.27 | 0.14 | 99.07 |
| abb | 239 | 825/032 | 57.72 | 0.80 | 17.26 | 5.91 | 0.11 | 5.28 | 7.38 | 3.59 | 1.26 | 0.29 | 0.45 | 98.70 |
| abb | 240 | 825/032 | 58.99 | 0.78 | 18.58 | 5.25 | 0.08 | 3.51 | 6.90 | 3.94 | 1.29 | 0.27 | 0.45 | 98.61 |
| abb | 241 | 829/029 | 59.57 | 0.87 | 17.81 | 5.45 | 0.10 | 3.38 | 6.59 | 4.04 | 1.53 | 0.26 | 0.09 | 98.97 |
| abb | 242 | 822/019 | 61.59 | 0.77 | 17.00 | 5.00 | 0.10 | 3.23 | 5.56 | 4.14 | 2.00 | 0.21 | 1.14 | 97.84 |
| abb | 243 | 826/020 | 61.77 | 0.78 | 17.03 | 4.93 | 0.10 | 3.14 | 5.50 | 4.08 | 2.06 | 0.21 | 0.87 | 98.84 |
| abb | 244 | 828/020 | 59.12 | 0.79 | 18.12 | 5.39 | 0.08 | 3.73 | 6.95 | 3.82 | 1.36 | 0.25 | 0.86 | 98.39 |
| abb | 245 | 825/020 | 63.53 | 0.73 | 16.52 | 4.70 | 0.10 | 2.55 | 4.63 | 4.26 | 2.38 | 0.20 | 0.74 | 98.30 |
| abb | 246 | 823/021 | 59.79 | 0.86 | 17.92 | 5.39 | 0.09 | 3.18 | 6.45 | 4.08 | 1.57 | 0.28 | 0.16 | 98.96 |
| abb | 247 | 824/026 | 59.54 | 0.84 | 18.03 | 5.44 | 0.10 | 3.32 | 6.49 | 4.02 | 1.54 | 0.27 | 0.26 | 98.86 |
| abb | 248 | 824/029 | 59.44 | 0.84 | 17.90 | 5.48 | 0.10 | 3.45 | 6.63 | 3.99 | 1.50 | 0.26 | 0.15 | 99.03 |
| abb | 249 | 803/023 | 59.55 | 1.04 | 17.98 | 6.05 | 0.14 | 2.36 | 5.38 | 5.41 | 1.30 | 0.38 | 0.04 | 99.18 |
| abb | 250 | 795/020 | 59.68 | 1.05 | 17.81 | 6.19 | 0.15 | 2.38 | 5.20 | 5.44 | 1.33 | 0.37 | 0.17 | 98.97 |
| abb | 251 | 806/016 | 59.75 | 0.88 | 17.95 | 5.66 | 0.10 | 3.32 | 6.10 | 3.98 | 1.60 | 0.26 | 0.62 | 98.19 |
| abb | 252 | 812/023 | 59.45 | 0.89 | 17.94 | 5.62 | 0.10 | 3.29 | 6.38 | 4.07 | 1.60 | 0.26 | 0.3 | 98.84 |
| abb | 253 | 815/023 | 59.36 | 0.88 | 17.84 | 5.59 | 0.10 | 3.44 | 6.51 | 4.06 | 1.56 | 0.27 | 0.18 | 98.83 |
| abb | 254 | 808/020 | 58.16 | 0.75 | 18.01 | 5.58 | 0.09 | 4.44 | 7.31 | 3.43 | 1.56 | 0.27 | 0.7 | 98.47 |
| abb | 255 | 808/022 | 58.02 | 0.74 | 17.83 | 5.61 | 0.10 | 4.60 | 7.44 | 3.44 | 1.54 | 0.27 | 0.43 | 98.87 |
| abb | 263 | 878/986 | 58.61 | 0.94 | 17.89 | 5.73 | 0.10 | 3.60 | 6.76 | 4.14 | 1.54 | 0.29 | 0.19 | 99.08 |
| abb | 264 | 879/986 | 57.85 | 0.88 | 18.71 | 5.63 | 0.11 | 3.71 | 7.53 | 3.88 | 1.06 | 0.24 | 0.29 | 99.00 |
| abb | 265 | 880/987 | 59.05 | 0.96 | 16.90 | 5.98 | 0.11 | 3.80 | 7.07 | 3.97 | 1.52 | 0.23 | 0.11 | 99.00 |
| abb | 266 | 881/987 | 59.02 | 0.95 | 16.88 | 6.17 | 0.11 | 3.79 | 6.91 | 3.99 | 1.55 | 0.23 | 0.34 | 98.56 |
| abb | 267 | 880/990 | 62.04 | 0.88 | 16.75 | 5.16 | 0.10 | 2.53 | 5.16 | 4.40 | 2.32 | 0.26 | 1.04 | 98.09 |
| abb | 268 | 879/990 | 57.77 | 0.88 | 18.75 | 5.64 | 0.10 | 3.73 | 7.49 | 3.92 | 1.08 | 0.24 | 0.5 | 98.79 |
| abb | 418 | 834/039 | 57.18 | 0.95 | 19.30 | 6.41 | 0.11 | 2.50 | 7.70 | 3.94 | 1.30 | 0.21 | 1.22 | 98.03 |
| abb | 420 | 835/039 | 57.80 | 0.79 | 17.07 | 6.13 | 0.11 | 5.17 | 7.37 | 3.56 | 1.32 | 0.29 | 0.95 | 98.46 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|-------|----------------|
| abb | 423 | 834/035 | 58.00 | 0.79 | 17.17 | 5.67 | 0.11 | 5.30 | 7.40 | 3.53 | 1.33 | 0.29 | 0.76 | 98.81 |
| abb | 425 | 835/034 | 57.58 | 0.79 | 17.17 | 6.01 | 0.11 | 5.33 | 7.50 | 3.56 | 1.25 | 0.30 | 0.69 | 98.67 |
| abb | 426 | 837/033 | 62.38 | 1.00 | 17.23 | 5.25 | 0.14 | 1.72 | 4.27 | 5.50 | 1.72 | 0.39 | 0.92 | 98.16 |
| abb | 428 | 838/033 | 57.44 | 0.82 | 17.82 | 5.96 | 0.11 | 4.82 | 7.41 | 3.76 | 1.17 | 0.29 | 0.75 | 98.50 |
| abb | 429 | 839/032 | 56.72 | 0.95 | 19.16 | 6.31 | 0.11 | 3.34 | 7.66 | 3.93 | 1.22 | 0.21 | 1.31 | 97.96 |
| abb | 438 | 855/025 | 53.87 | 1.03 | 18.77 | 7.48 | 0.14 | 4.27 | 8.98 | 3.70 | 1.04 | 0.32 | 1.25 | 97.85 |
| abb | 439 | 855/024 | 54.08 | 1.18 | 18.40 | 7.51 | 0.16 | 5.15 | 8.01 | 3.68 | 1.09 | 0.34 | 2.4 | 96.99 |
| abb | 576 | 825/977 | 52.71 | 0.97 | 19.90 | 6.49 | 0.11 | 4.83 | 9.84 | 3.44 | 0.92 | 0.37 | 0.56 | 98.27 |
| abb | 601 | 814/002 | 64.47 | 0.73 | 16.67 | 4.57 | 0.09 | 1.99 | 4.07 | 4.25 | 2.54 | 0.22 | 0.73 | 98.18 |
| abb | 602 | 822/013 | 60.63 | 0.73 | 17.45 | 5.14 | 0.10 | 3.44 | 6.13 | 4.22 | 1.57 | 0.18 | 0.76 | 99.41 |
| abb | 603 | 823/013 | 64.68 | 0.72 | 16.49 | 4.25 | 0.09 | 1.88 | 4.24 | 4.44 | 2.62 | 0.19 | 0.73 | 98.72 |
| abb | 604 | 819/008 | 59.33 | 0.93 | 17.79 | 5.78 | 0.10 | 3.23 | 6.49 | 4.09 | 1.58 | 0.28 | 0.21 | 98.26 |
| abb | 635 | 833/988 | 55.92 | 0.89 | 16.23 | 6.52 | 0.11 | 7.10 | 8.00 | 3.41 | 1.18 | 0.23 | 1.29 | 98.12 |
| abb | 646 | 782/997 | 62.63 | 0.90 | 17.37 | 5.22 | 0.11 | 1.82 | 4.86 | 4.74 | 1.64 | 0.32 | 0.32 | 98.60 |
| abb | 647 | 813/997 | 58.41 | 0.81 | 19.03 | 5.45 | 0.09 | 2.80 | 7.71 | 3.88 | 1.16 | 0.26 | 0.15 | 98.90 |
| abb | 648 | 809/994 | 62.73 | 0.92 | 17.21 | 5.13 | 0.09 | 1.91 | 4.92 | 4.60 | 1.78 | 0.32 | 0.8 | 97.81 |
| abc | 203 | 944/978 | 60.74 | 0.93 | 17.05 | 5.49 | 0.10 | 3.04 | 5.63 | 4.25 | 2.11 | 0.27 | 0.51 | 98.72 |
| abc | 204 | 944/978 | 60.13 | 0.90 | 16.94 | 5.70 | 0.11 | 3.34 | 6.02 | 4.20 | 1.98 | 0.28 | 0.21 | 99.39 |
| abc | 205 | 944/978 | 59.64 | 0.89 | 17.13 | 5.74 | 0.11 | 3.49 | 6.30 | 4.15 | 1.88 | 0.27 | 0.25 | 98.86 |
| abc | 207 | 944/978 | 60.19 | 0.96 | 17.37 | 5.76 | 0.10 | 3.13 | 5.62 | 4.16 | 2.02 | 0.29 | 1.34 | 97.47 |
| abc | 663 | 925/990 | 60.50 | 0.91 | 17.00 | 5.55 | 0.10 | 3.13 | 5.73 | 4.30 | 2.06 | 0.31 | -0.07 | 99.59 |
| abc | 664 | 922/993 | 61.21 | 0.90 | 16.83 | 5.42 | 0.10 | 2.86 | 5.48 | 4.31 | 2.20 | 0.29 | -0.08 | 99.42 |
| abc | 667 | 918/987 | 60.86 | 0.92 | 16.92 | 5.51 | 0.10 | 3.01 | 5.55 | 4.29 | 2.13 | 0.31 | -0.01 | 99.51 |
| abc | 668 | 911/985 | 60.81 | 0.91 | 16.93 | 5.52 | 0.10 | 3.06 | 5.55 | 4.31 | 2.11 | 0.31 | 0.06 | 99.43 |
| abg | 37 | 913/015 | 59.08 | 1.00 | 17.30 | 6.08 | 0.12 | 3.37 | 6.46 | 4.00 | 1.90 | 0.29 | 0.8 | 98.46 |
| abg | 38 | 911/015 | 56.60 | 1.04 | 17.74 | 6.91 | 0.13 | 3.97 | 7.68 | 3.88 | 1.34 | 0.32 | 1.07 | 97.67 |
| abg | 39 | 909/015 | 62.23 | 0.88 | 16.47 | 5.33 | 0.11 | 2.44 | 4.86 | 4.33 | 2.65 | 0.28 | 1.04 | 97.96 |
| abg | 120 | 909/017 | 57.03 | 1.02 | 17.65 | 6.86 | 0.12 | 3.92 | 7.44 | 3.87 | 1.41 | 0.29 | 1.74 | 97.62 |
| abg | 396 | 908/021 | 63.99 | 0.68 | 16.71 | 4.47 | 0.09 | 2.17 | 4.59 | 4.27 | 2.44 | 0.20 | 1.2 | 97.84 |
| abg | 397 | 907/023 | 64.43 | 0.70 | 16.80 | 4.41 | 0.08 | 1.88 | 4.25 | 4.31 | 2.51 | 0.21 | 0.69 | 98.70 |
| abg | 398 | 906/024 | 63.19 | 0.71 | 16.77 | 4.74 | 0.10 | 2.35 | 4.93 | 4.15 | 2.46 | 0.22 | 1.12 | 98.25 |
| abg | 400 | 907/025 | 63.16 | 0.81 | 16.48 | 4.81 | 0.10 | 2.36 | 4.74 | 4.25 | 2.65 | 0.24 | 0.85 | 98.38 |
| abg | 402 | 911/022 | 63.89 | 0.79 | 16.59 | 4.57 | 0.08 | 2.08 | 4.34 | 4.28 | 2.75 | 0.24 | 0.39 | 99.07 |
| abg | 403 | 912/022 | 63.62 | 0.78 | 16.58 | 4.74 | 0.09 | 2.17 | 4.52 | 4.20 | 2.68 | 0.24 | 0.68 | 98.40 |

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| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|------|----------------|
| abg | 404 | 900/019 | 63.93 | 0.68 | 16.74 | 4.53 | 0.09 | 2.20 | 4.51 | 4.31 | 2.40 | 0.21 | 0.26 | 99.15 |
| abg | 405 | 892/027 | 63.81 | 0.69 | 16.74 | 4.55 | 0.09 | 2.21 | 4.64 | 4.25 | 2.39 | 0.21 | 1.49 | 98.11 |
| abg | 406 | 887/028 | 61.32 | 0.75 | 17.69 | 5.25 | 0.10 | 2.64 | 5.20 | 4.44 | 1.95 | 0.26 | 0.36 | 98.99 |
| abg | 407 | 890/028 | 61.16 | 0.75 | 17.66 | 5.22 | 0.10 | 2.78 | 5.29 | 4.38 | 1.95 | 0.31 | 0.26 | 98.33 |
| abg | 408 | 891/028 | 63.00 | 0.73 | 16.80 | 4.87 | 0.10 | 2.39 | 4.96 | 4.15 | 2.32 | 0.27 | 1.26 | 97.75 |
| abg | 409 | 901/022 | 61.32 | 0.76 | 17.60 | 5.26 | 0.10 | 2.65 | 5.27 | 4.43 | 1.96 | 0.26 | 0.18 | 99.12 |
| abg | 410 | 902/022 | 61.32 | 0.74 | 17.71 | 5.20 | 0.10 | 2.68 | 5.21 | 4.41 | 1.96 | 0.26 | 0.3 | 99.11 |
| abg | 412 | 921/012 | 56.98 | 1.04 | 17.75 | 6.93 | 0.14 | 3.70 | 7.56 | 3.84 | 1.39 | 0.27 | 1.24 | 97.63 |
| abg | 491 | 926/008 | 58.06 | 0.94 | 17.81 | 6.35 | 0.10 | 3.64 | 7.06 | 3.90 | 1.48 | 0.26 | 1.15 | 98.01 |
| abg | 665 | 919/004 | 62.41 | 0.88 | 16.61 | 5.23 | 0.10 | 2.40 | 4.71 | 4.37 | 2.60 | 0.30 | 0.61 | 98.94 |
| abg | 666 | 919/005 | 62.30 | 0.89 | 16.71 | 5.33 | 0.10 | 2.41 | 4.66 | 4.37 | 2.55 | 0.30 | 0.24 | 98.96 |
| abm | 656b | 926/134 | 57.70 | 0.82 | 18.28 | 6.02 | 0.11 | 3.94 | 7.53 | 3.29 | 1.72 | 0.20 | 1.69 | 97.54 |
| abp | 59 | 849/977 | 56.18 | 0.90 | 16.68 | 6.43 | 0.12 | 6.41 | 7.89 | 3.53 | 1.20 | 0.25 | 0.15 | 99.10 |
| abp | 529 | 851/978 | 56.10 | 0.90 | 16.46 | 6.56 | 0.11 | 6.79 | 7.78 | 3.43 | 1.20 | 0.27 | 0.23 | 99.08 |
| abr | 147 | 838/074 | 60.50 | 0.84 | 17.15 | 5.50 | 0.10 | 3.09 | 5.86 | 4.24 | 2.07 | 0.24 | 0.83 | 98.12 |
| abr | 148 | 853/066 | 63.45 | 0.87 | 16.83 | 4.23 | 0.09 | 2.16 | 4.70 | 4.48 | 2.54 | 0.26 | 1.24 | 97.64 |
| abr | 149 | 852/066 | 63.67 | 0.85 | 16.64 | 4.68 | 0.09 | 1.98 | 4.32 | 4.46 | 2.65 | 0.25 | 2.08 | 96.98 |
| abr | 150 | 851/065 | 61.53 | 0.86 | 17.23 | 5.12 | 0.10 | 2.65 | 5.47 | 4.33 | 2.08 | 0.23 | 0.94 | 98.26 |
| abr | 151 | 847/068 | 59.18 | 0.96 | 17.70 | 5.88 | 0.10 | 3.40 | 6.43 | 4.11 | 1.57 | 0.27 | 0.59 | 98.46 |
| abr | 152 | 849/066 | 58.96 | 0.95 | 17.64 | 5.81 | 0.11 | 3.51 | 6.62 | 4.13 | 1.60 | 0.27 | 0.19 | 98.83 |
| abr | 153 | 849/065 | 62.80 | 0.83 | 17.14 | 4.86 | 0.09 | 2.23 | 4.70 | 4.46 | 2.27 | 0.23 | 0.31 | 98.80 |
| abr | 154 | 851/070 | 59.44 | 1.01 | 17.69 | 5.59 | 0.10 | 3.08 | 6.20 | 4.37 | 1.81 | 0.31 | 0.31 | 98.53 |
| abr | 588 | 839/065 | 61.71 | 0.85 | 17.17 | 5.19 | 0.10 | 2.63 | 5.26 | 4.30 | 2.12 | 0.25 | 0.61 | 98.31 |
| abr | 589 | 853/063 | 61.44 | 0.86 | 17.29 | 5.32 | 0.10 | 2.77 | 5.28 | 4.28 | 2.03 | 0.22 | 0.31 | 99.01 |
| acd | 104 | 891/136 | 60.48 | 0.91 | 17.14 | 5.58 | 0.10 | 3.04 | 5.78 | 4.34 | 1.97 | 0.27 | 0.55 | 98.81 |
| acd | 105 | 894/130 | 60.41 | 0.82 | 17.39 | 5.70 | 0.11 | 3.17 | 6.40 | 3.82 | 1.50 | 0.28 | 0.26 | 99.09 |
| acd | 223 | 890/136 | 60.52 | 0.92 | 16.96 | 5.66 | 0.10 | 3.16 | 5.82 | 4.22 | 1.97 | 0.27 | 0.06 | 99.24 |
| acd | 574 | 894/136 | 59.90 | 0.94 | 17.09 | 5.81 | 0.11 | 3.27 | 6.04 | 4.19 | 1.92 | 0.33 | 0.19 | 98.40 |
| acd | 575a | 894/129 | 60.09 | 0.82 | 17.39 | 5.78 | 0.11 | 3.30 | 6.54 | 3.75 | 1.49 | 0.33 | 0.9 | 97.74 |
| acd | 575b | 894/129 | 59.94 | 0.93 | 17.33 | 5.72 | 0.11 | 3.26 | 5.95 | 4.15 | 1.91 | 0.30 | 0.64 | 98.71 |
| ack | 88 | 927/081 | 60.98 | 0.81 | 17.44 | 5.23 | 0.09 | 2.98 | 5.75 | 4.14 | 1.88 | 0.31 | 1.41 | 97.67 |
| ack | 136 | 922/081 | 62.60 | 0.84 | 16.91 | 4.81 | 0.09 | 2.42 | 5.04 | 4.25 | 2.39 | 0.26 | 1.56 | 97.21 |
| ack | 329 | 927/085 | 62.42 | 0.88 | 16.92 | 4.97 | 0.10 | 2.30 | 4.87 | 4.53 | 2.31 | 0.28 | 0.9 | 98.28 |
| ack | 478 | 922/077 | 62.71 | 0.89 | 16.81 | 4.99 | 0.09 | 2.18 | 4.84 | 4.46 | 2.39 | 0.26 | 1.76 | 97.21 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|--------|----------------|
| ack | 479 | 924/074 | 62.89 | 0.90 | 17.02 | 4.92 | 0.09 | 2.06 | 4.59 | 4.41 | 2.46 | 0.25 | 2.05 | 96.93 |
| ack | 606 | 923/079 | 62.96 | 0.81 | 16.91 | 4.67 | 0.09 | 2.24 | 4.86 | 4.45 | 2.35 | 0.26 | 0.22 | 98.36 |
| ack | 608 | 926/080 | 61.84 | 0.87 | 17.28 | 4.71 | 0.09 | 2.48 | 5.20 | 4.46 | 2.35 | 0.32 | 0.45 | 98.02 |
| acp | 2 | 934/086 | 59.57 | 0.98 | 16.69 | 5.59 | 0.10 | 2.80 | 5.85 | 4.70 | 2.90 | 0.42 | 0.55 | 98.48 |
| acp | 74 | 938/099 | 60.28 | 0.95 | 16.80 | 5.44 | 0.10 | 2.59 | 5.58 | 4.64 | 2.83 | 0.40 | 1.09 | 97.82 |
| acp | 86 | 935/094 | 63.60 | 0.78 | 16.99 | 4.40 | 0.09 | 1.75 | 4.29 | 4.64 | 2.78 | 0.27 | 0.85 | 97.88 |
| acp | 89 | 925/080 | 59.39 | 1.01 | 16.74 | 5.60 | 0.10 | 2.75 | 5.87 | 4.77 | 2.93 | 0.43 | 0.12 | 98.77 |
| acp | 218 | 939/105 | 60.43 | 0.96 | 16.84 | 5.42 | 0.10 | 2.60 | 5.43 | 4.68 | 2.76 | 0.38 | 1.3 | 97.57 |
| acp | 330 | 927/085 | 58.95 | 1.00 | 16.80 | 5.53 | 0.09 | 2.85 | 6.09 | 4.74 | 3.07 | 0.47 | 0.93 | 97.82 |
| acp | 331 | 931/090 | 59.06 | 1.01 | 16.60 | 5.58 | 0.09 | 2.91 | 6.06 | 4.66 | 3.16 | 0.48 | 1.14 | 97.82 |
| acp | 359 | 930/078 | 59.70 | 0.99 | 16.98 | 4.95 | 0.11 | 1.76 | 7.19 | 4.52 | 2.95 | 0.44 | 4.44 | 94.43 |
| acp | 605 | 924/079 | 57.96 | 1.04 | 17.06 | 5.77 | 0.10 | 3.07 | 6.49 | 4.36 | 3.22 | 0.53 | 1.35 | 96.78 |
| acp | 607 | 925/081 | 58.63 | 1.03 | 17.22 | 5.71 | 0.10 | 2.86 | 5.97 | 4.72 | 2.90 | 0.47 | 0.69 | 97.55 |
| acp | 609 | 929/083 | 59.72 | 0.98 | 16.88 | 5.47 | 0.10 | 2.68 | 5.67 | 4.69 | 2.96 | 0.45 | 0.39 | 97.98 |
| acp | 610 | 929/085 | 59.59 | 0.98 | 16.87 | 5.53 | 0.09 | 2.84 | 5.86 | 4.54 | 2.86 | 0.44 | 0.79 | 97.70 |
| acr | 386 | 847/087 | 57.09 | 1.69 | 23.49 | 6.64 | 0.03 | 0.99 | 5.89 | 3.11 | 0.52 | 0.16 | 8.28 | 91.01 |
| acr | 387 | 847/087 | 55.34 | 1.40 | 17.62 | 8.33 | 0.14 | 3.24 | 7.93 | 4.10 | 1.22 | 0.29 | 3.02 | 96.19 |
| acr | 573a | 847/087 | 58.48 | 1.76 | 24.47 | 3.86 | 0.03 | 0.97 | 5.72 | 3.25 | 0.58 | 0.47 | 10.88 | 88.45 |
| acr | 573b | 847/087 | 58.55 | 1.85 | 25.36 | 3.16 | 0.02 | 1.01 | 5.70 | 3.36 | 0.36 | 0.25 | 9.88 | 89.69 |
| acr | 573c | 847/087 | 58.11 | 1.32 | 19.24 | 6.36 | 0.10 | 2.55 | 6.46 | 3.81 | 1.33 | 0.33 | 3.08 | 95.96 |
| acr | 573d | 847/087 | 53.78 | 1.29 | 17.77 | 8.30 | 0.16 | 4.25 | 9.09 | 3.50 | 1.14 | 0.32 | 4.3 | 94.50 |
| acv | 45 | 872/993 | 58.18 | 0.89 | 17.38 | 6.00 | 0.11 | 4.32 | 7.01 | 3.87 | 1.56 | 0.27 | 0.1 | 99.12 |
| acv | 46 | 871/992 | 58.76 | 0.92 | 17.38 | 5.93 | 0.11 | 3.83 | 6.68 | 4.01 | 1.70 | 0.29 | < 0.01 | 99.16 |
| acv | 47 | 872/992 | 58.79 | 0.91 | 17.49 | 5.89 | 0.11 | 3.82 | 6.70 | 3.89 | 1.72 | 0.28 | < 0.01 | 99.11 |
| acv | 48 | 875/987 | 58.09 | 0.90 | 17.49 | 5.99 | 0.11 | 4.31 | 7.04 | 3.81 | 1.58 | 0.28 | 0.01 | 99.10 |
| acv | 364 | 873/978 | 58.87 | 0.91 | 17.35 | 5.80 | 0.11 | 3.82 | 6.70 | 4.03 | 1.70 | 0.30 | 0.02 | 99.30 |
| acv | 365 | 871/979 | 58.78 | 0.93 | 17.28 | 5.91 | 0.11 | 3.92 | 6.70 | 4.00 | 1.68 | 0.29 | < 0.01 | 99.13 |
| acv | 366 | 863/980 | 58.62 | 0.94 | 17.32 | 5.92 | 0.11 | 3.96 | 6.71 | 4.04 | 1.68 | 0.30 | 0.35 | 98.89 |
| acv | 367 | 861/983 | 58.69 | 0.93 | 17.26 | 6.00 | 0.11 | 3.99 | 6.69 | 3.95 | 1.67 | 0.30 | < 0.01 | 99.27 |
| acv | 369 | 862/972 | 58.94 | 0.91 | 17.37 | 5.77 | 0.10 | 3.76 | 6.63 | 4.11 | 1.73 | 0.29 | < 0.01 | 99.20 |
| acv | 518 | 872/960 | 58.87 | 0.93 | 17.41 | 5.91 | 0.11 | 3.80 | 6.60 | 3.92 | 1.74 | 0.30 | 0.18 | 98.93 |
| acv | 520 | 872/962 | 58.27 | 0.90 | 17.43 | 5.95 | 0.11 | 4.24 | 6.98 | 3.80 | 1.60 | 0.31 | -0.01 | 99.53 |
| acv | 596 | 862/962 | 58.86 | 0.92 | 17.50 | 5.84 | 0.11 | 3.79 | 6.72 | 3.88 | 1.70 | 0.29 | 0.03 | 98.91 |
| acv | 597 | 863/964 | 58.69 | 0.90 | 17.55 | 5.88 | 0.11 | 3.85 | 6.79 | 3.84 | 1.69 | 0.29 | 0 | 98.94 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|-------|-------------------|------------------|-------------------------------|--------|----------------|
| acv | 598 | 865/967 | 58.59 | 0.93 | 17.46 | 5.95 | 0.11 | 3.96 | 6.77 | 3.86 | 1.68 | 0.30 | 0.06 | 99.07 |
| acv | 599 | 866/966 | 58.78 | 0.92 | 17.47 | 5.90 | 0.11 | 3.83 | 6.72 | 3.87 | 1.71 | 0.30 | 0.05 | 98.75 |
| acv | 600 | 866/961 | 58.71 | 0.91 | 17.57 | 5.88 | 0.11 | 3.89 | 6.69 | 3.84 | 1.69 | 0.30 | 0.3 | 98.79 |
| acv | 612 | 875/973 | 58.75 | 0.91 | 17.49 | 5.90 | 0.11 | 3.91 | 6.69 | 3.83 | 1.71 | 0.31 | 0.11 | 99.01 |
| acv | 655 | 867/983 | 58.77 | 0.91 | 17.42 | 5.86 | 0.11 | 3.87 | 6.72 | 3.92 | 1.70 | 0.31 | -0.01 | 99.48 |
| acv | 658 | 858/971 | 58.75 | 0.91 | 17.44 | 5.93 | 0.10 | 3.89 | 6.68 | 3.89 | 1.70 | 0.30 | 0.04 | 99.34 |
| acv | 659 | 862/986 | 58.98 | 0.91 | 17.39 | 5.84 | 0.10 | 3.78 | 6.63 | 3.94 | 1.73 | 0.31 | 0.00 | 99.64 |
| acv | 660 | 874/982 | 58.18 | 0.90 | 17.46 | 5.94 | 0.11 | 4.31 | 6.96 | 3.84 | 1.59 | 0.30 | 0.07 | 99.28 |
| adb | 13 | 889/136 | 59.42 | 1.09 | 16.81 | 6.33 | 0.12 | 3.33 | 5.84 | 4.35 | 1.94 | 0.36 | 0.05 | 98.58 |
| adb | 14 | 886/134 | 59.08 | 1.07 | 16.68 | 6.37 | 0.12 | 3.61 | 6.18 | 4.36 | 1.82 | 0.31 | 0.07 | 99.12 |
| adb | 146 | 870/089 | 59.01 | 1.05 | 16.82 | 6.39 | 0.12 | 3.78 | 6.19 | 4.14 | 1.79 | 0.31 | 0.04 | 98.91 |
| adb | 261 | 870/092 | 59.39 | 1.08 | 16.65 | 6.35 | 0.12 | 3.49 | 5.88 | 4.37 | 1.88 | 0.37 | 0.16 | 98.59 |
| adb | 335 | 874/108 | 59.64 | 1.09 | 16.64 | 6.24 | 0.12 | 3.34 | 5.74 | 4.52 | 1.93 | 0.33 | < 0.01 | 99.36 |
| adb | 337 | 889/145 | 58.80 | 1.08 | 16.71 | 6.43 | 0.12 | 3.81 | 6.20 | 4.33 | 1.78 | 0.33 | 0.1 | 98.92 |
| adb | 585 | 880/122 | 57.48 | 1.06 | 17.01 | 6.72 | 0.13 | 4.51 | 6.90 | 3.87 | 1.60 | 0.33 | 0.87 | 97.91 |
| adb | 586 | 883/128 | 58.26 | 1.08 | 17.05 | 6.56 | 0.12 | 3.95 | 6.36 | 4.13 | 1.73 | 0.36 | 0.46 | 98.55 |
| adc | 125 | 857/087 | 62.97 | 1.02 | 17.07 | 5.16 | 0.09 | 1.91 | 4.37 | 4.77 | 1.85 | 0.38 | 1.71 | 97.43 |
| adc | 155 | 865/070 | 57.76 | 1.06 | 18.16 | 6.65 | 0.11 | 3.05 | 9.22 | 3.11 | 0.24 | 0.24 | 7.43 | 91.57 |
| adc | 156b | 865/071 | 53.30 | 1.19 | 16.62 | 8.06 | 0.14 | 6.94 | 9.08 | 3.11 | 0.85 | 0.30 | 3.12 | 95.52 |
| adc | 156c | 866/072 | 58.87 | 0.91 | 17.22 | 5.97 | 0.10 | 4.13 | 7.40 | 3.52 | 1.20 | 0.27 | 1.14 | 98.31 |
| adc | 498 | 853/090 | 61.05 | 1.05 | 17.10 | 5.91 | 0.17 | 1.62 | 6.03 | 4.72 | 1.66 | 0.29 | 4.36 | 94.70 |
| adc | 499 | 854/091 | 53.84 | 1.01 | 17.40 | 6.48 | 0.13 | 5.18 | 10.87 | 3.05 | 1.27 | 0.37 | 4.63 | 94.38 |
| adc | 500 | 853/085 | 60.98 | 0.84 | 17.42 | 5.89 | 0.13 | 2.54 | 5.62 | 4.05 | 1.86 | 0.28 | 2.21 | 96.73 |
| adc | 587 | 863/073 | 60.54 | 0.84 | 17.39 | 5.60 | 0.09 | 3.14 | 6.01 | 4.02 | 1.68 | 0.29 | 1.8 | 96.79 |
| adc | 590 | 879/074 | 64.20 | 0.78 | 16.89 | 4.75 | 0.10 | 1.93 | 6.45 | 3.93 | 0.31 | 0.25 | 4.97 | 93.42 |
| adc | 592 | 881/074 | 67.41 | 0.71 | 16.36 | 3.75 | 0.08 | 2.05 | 2.46 | 4.24 | 2.25 | 0.28 | 3.05 | 95.32 |
| adc | 593 | 880/074 | 58.02 | 0.78 | 16.91 | 6.39 | 0.11 | 5.10 | 7.50 | 3.27 | 1.30 | 0.23 | 2.93 | 95.70 |
| adc | 594 | 875/076 | 71.35 | 0.51 | 15.43 | 2.34 | 0.06 | 0.42 | 2.06 | 4.30 | 2.98 | 0.15 | 2.44 | 95.55 |
| adc | 595 | 873/075 | 66.43 | 0.67 | 16.57 | 4.04 | 0.08 | 1.92 | 5.18 | 3.05 | 1.44 | 0.22 | 5.12 | 93.42 |
| adc | 649 | 871/078 | 52.28 | 0.84 | 17.67 | 7.97 | 0.15 | 8.48 | 7.90 | 2.88 | 1.21 | 0.23 | 3.22 | 95.83 |
| adf | 281 | 878/045 | 59.59 | 0.94 | 16.97 | 5.87 | 0.13 | 3.59 | 6.02 | 3.96 | 2.22 | 0.32 | 1.42 | 97.44 |
| adf | 282 | 877/045 | 60.94 | 0.92 | 16.92 | 5.44 | 0.15 | 3.16 | 5.84 | 3.98 | 2.00 | 0.25 | 0.96 | 97.74 |
| adh | 262 | 869/115 | 60.74 | 1.34 | 16.62 | 6.53 | 0.15 | 1.95 | 4.44 | 5.22 | 2.04 | 0.56 | 0.04 | 98.88 |
| adk | 87 | 935/085 | 62.90 | 0.74 | 16.83 | 4.75 | 0.09 | 2.62 | 4.81 | 4.22 | 2.39 | 0.24 | 2.44 | 96.44 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|--------|----------------|
| adk | 165 | 907/082 | 64.34 | 0.89 | 16.39 | 5.06 | 0.07 | 2.75 | 3.83 | 4.23 | 1.75 | 0.28 | 4.31 | 94.76 |
| adk | 272 | 931/070 | 56.58 | 1.03 | 18.13 | 6.94 | 0.15 | 4.33 | 6.87 | 4.03 | 1.25 | 0.29 | 4.04 | 95.06 |
| adk | 289 | 935/081 | 58.02 | 0.94 | 18.56 | 6.76 | 0.12 | 3.17 | 6.91 | 3.87 | 0.97 | 0.28 | 5.38 | 93.38 |
| adk | 314 | 968/091 | 64.04 | 0.72 | 16.09 | 4.40 | 0.08 | 2.64 | 4.89 | 3.90 | 2.56 | 0.28 | 1.95 | 97.20 |
| adk | 318 | 954/072 | 58.23 | 0.78 | 18.66 | 5.83 | 0.10 | 3.28 | 7.23 | 3.78 | 1.51 | 0.19 | 1.64 | 97.67 |
| adk | 327 | 925/092 | 56.24 | 0.93 | 18.64 | 6.64 | 0.12 | 4.45 | 7.44 | 3.35 | 1.55 | 0.24 | 4.45 | 92.98 |
| adk | 328 | 924/094 | 55.38 | 1.19 | 16.45 | 7.25 | 0.13 | 4.96 | 7.89 | 3.67 | 2.12 | 0.56 | 6.28 | 92.62 |
| adk | 348 | 913/103 | 55.55 | 0.91 | 17.50 | 7.11 | 0.13 | 4.49 | 8.41 | 3.42 | 1.73 | 0.36 | 7.59 | 91.09 |
| adk | 358 | 932/081 | 62.95 | 0.90 | 16.90 | 4.90 | 0.08 | 2.04 | 4.67 | 4.47 | 2.42 | 0.28 | 2.31 | 96.68 |
| adk | 360 | 928/079 | 62.38 | 0.90 | 16.77 | 5.10 | 0.10 | 2.38 | 4.96 | 4.48 | 2.24 | 0.29 | 1.75 | 97.40 |
| adk | 361 | 927/077 | 61.17 | 0.77 | 17.68 | 4.94 | 0.09 | 2.78 | 5.94 | 4.30 | 1.65 | 0.28 | 1.1 | 98.03 |
| adk | 363 | 926/078 | 62.54 | 0.79 | 17.13 | 4.61 | 0.08 | 2.43 | 5.11 | 4.47 | 2.17 | 0.26 | 0.89 | 98.26 |
| adk | 379 | 926/072 | 55.37 | 1.05 | 18.79 | 7.31 | 0.12 | 4.40 | 8.74 | 2.85 | 0.70 | 0.28 | 6.94 | 91.19 |
| adk | 456 | 933/076 | 61.24 | 1.01 | 16.88 | 5.54 | 0.13 | 2.81 | 5.77 | 3.49 | 2.31 | 0.43 | 4.56 | 94.19 |
| adk | 466 | 918/080 | 60.14 | 0.75 | 17.88 | 4.74 | 0.08 | 4.03 | 7.56 | 2.36 | 1.82 | 0.22 | 4.3 | 94.15 |
| adk | 468 | 913/080 | 60.78 | 1.00 | 16.34 | 6.02 | 0.11 | 3.57 | 5.75 | 3.78 | 1.94 | 0.31 | 4.58 | 94.09 |
| adk | 469 | 908/083 | 65.68 | 0.68 | 16.13 | 3.89 | 0.07 | 1.78 | 3.64 | 4.31 | 3.21 | 0.21 | 2.05 | 96.58 |
| adk | 470 | 907/085 | 61.38 | 0.74 | 17.01 | 5.32 | 0.16 | 2.73 | 5.11 | 4.43 | 2.47 | 0.26 | 2.19 | 96.69 |
| adk | 471 | 905/086 | 55.73 | 0.86 | 18.45 | 6.91 | 0.14 | 4.86 | 8.33 | 3.20 | 0.91 | 0.19 | 1.8 | 96.84 |
| adk | 619 | 931/073 | 55.44 | 1.00 | 17.80 | 7.95 | 0.15 | 5.30 | 8.08 | 2.81 | 0.80 | 0.27 | 7.54 | 91.32 |
| adk | 623 | 935/066 | 55.63 | 1.03 | 18.45 | 7.50 | 0.12 | 4.42 | 7.45 | 3.57 | 1.14 | 0.28 | 3.9 | 94.79 |
| adk | 633 | 929/094 | 60.97 | 0.83 | 17.22 | 5.57 | 0.11 | 3.13 | 6.44 | 3.43 | 1.60 | 0.29 | 2.83 | 95.72 |
| ado | 224 | 885/121 | 56.23 | 1.02 | 16.82 | 7.00 | 0.12 | 5.45 | 7.77 | 3.63 | 1.28 | 0.28 | < 0.01 | 100.09 |
| ado | 260 | 868/097 | 56.13 | 1.01 | 16.96 | 7.04 | 0.13 | 5.52 | 7.70 | 3.51 | 1.33 | 0.26 | 0.37 | 98.66 |
| ado | 300 | 880/117 | 56.09 | 1.00 | 16.89 | 6.92 | 0.12 | 5.50 | 7.84 | 3.68 | 1.28 | 0.28 | 0.08 | 99.08 |
| ado | 301 | 881/117 | 56.11 | 1.01 | 16.82 | 7.00 | 0.12 | 5.52 | 7.80 | 3.65 | 1.27 | 0.30 | 0.19 | 98.87 |
| ado | 336 | 882/117 | 56.17 | 1.00 | 16.88 | 6.94 | 0.12 | 5.46 | 7.73 | 3.72 | 1.30 | 0.28 | 0.02 | 99.12 |
| adp | 637 | 909/029 | 59.44 | 0.86 | 16.45 | 6.27 | 0.12 | 4.68 | 6.39 | 3.31 | 1.86 | 0.22 | 4.25 | 94.81 |
| aem | 92 | 873/167 | 59.19 | 1.06 | 16.84 | 6.34 | 0.12 | 3.52 | 6.04 | 4.33 | 1.84 | 0.33 | 0.19 | 98.78 |
| afd | 22 | 941/944 | 61.09 | 0.92 | 16.73 | 5.71 | 0.11 | 2.82 | 5.60 | 4.23 | 2.12 | 0.26 | 0.16 | 98.80 |
| afd | 23 | 932/961 | 59.00 | 0.95 | 16.61 | 6.12 | 0.11 | 4.14 | 6.83 | 4.05 | 1.55 | 0.24 | 0.14 | 98.92 |
| afd | 24 | 939/945 | 57.96 | 1.22 | 17.45 | 7.14 | 0.14 | 3.04 | 6.61 | 4.24 | 1.51 | 0.29 | < 0.01 | 99.33 |
| afd | 220 | 899/991 | 59.55 | 0.86 | 16.45 | 5.93 | 0.11 | 4.13 | 6.59 | 3.90 | 1.85 | 0.23 | 0.15 | 98.68 |
| afd | 221 | 897/990 | 59.29 | 0.87 | 16.51 | 6.01 | 0.12 | 4.27 | 6.65 | 3.84 | 1.81 | 0.23 | 0.27 | 98.94 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|--------|----------------|
| afd | 222 | 903/985 | 57.95 | 0.90 | 16.40 | 6.38 | 0.12 | 4.97 | 7.45 | 3.58 | 1.61 | 0.24 | 0.34 | 99.00 |
| afd | 670 | 939/974 | 60.57 | 0.84 | 16.89 | 5.47 | 0.11 | 3.42 | 5.91 | 4.11 | 2.03 | 0.26 | 1.01 | 98.49 |
| agc | 3 | 836/050 | 58.27 | 0.85 | 17.25 | 5.83 | 0.11 | 4.63 | 7.00 | 3.83 | 1.55 | 0.27 | < 0.01 | 99.31 |
| agc | 4 | 837/050 | 58.35 | 0.86 | 17.24 | 5.87 | 0.11 | 4.56 | 6.98 | 3.78 | 1.57 | 0.27 | < 0.01 | 99.35 |
| agc | 94 | 811/094 | 58.26 | 0.81 | 17.28 | 5.74 | 0.11 | 4.81 | 7.11 | 3.75 | 1.48 | 0.25 | < 0.01 | 99.16 |
| agc | 182 | 809/087 | 58.25 | 0.83 | 17.27 | 5.74 | 0.10 | 4.87 | 7.09 | 3.71 | 1.49 | 0.25 | 0.22 | 99.18 |
| agc | 199 | 807/085 | 58.30 | 0.84 | 17.32 | 5.73 | 0.10 | 4.81 | 7.08 | 3.68 | 1.50 | 0.25 | 0.48 | 98.92 |
| agc | 219 | 814/074 | 58.25 | 0.82 | 17.30 | 5.77 | 0.10 | 4.84 | 7.02 | 3.74 | 1.50 | 0.25 | 0.11 | 99.01 |
| agc | 295 | 846/054 | 58.18 | 0.82 | 17.35 | 5.70 | 0.10 | 4.85 | 7.06 | 3.78 | 1.47 | 0.27 | < 0.01 | 99.29 |
| agc | 302 | 834/053 | 58.09 | 0.84 | 17.19 | 5.79 | 0.10 | 4.93 | 7.11 | 3.79 | 1.50 | 0.27 | 0.01 | 99.11 |
| agc | 303 | 835/053 | 58.08 | 0.85 | 17.22 | 5.78 | 0.10 | 4.82 | 7.12 | 3.85 | 1.50 | 0.28 | < 0.01 | 99.47 |
| agc | 304 | 836/052 | 58.13 | 0.84 | 17.20 | 5.78 | 0.10 | 4.89 | 7.09 | 3.80 | 1.50 | 0.27 | < 0.01 | 99.04 |
| agc | 305 | 837/051 | 58.15 | 0.84 | 17.20 | 5.78 | 0.10 | 4.85 | 7.10 | 3.78 | 1.51 | 0.28 | < 0.01 | 99.00 |
| agc | 306 | 831/051 | 58.15 | 0.85 | 17.30 | 5.77 | 0.10 | 4.83 | 6.98 | 3.83 | 1.52 | 0.27 | 0.15 | 99.01 |
| agc | 311 | 825/060 | 58.04 | 0.83 | 17.27 | 5.75 | 0.10 | 4.89 | 7.11 | 3.83 | 1.51 | 0.27 | < 0.01 | 99.19 |
| agc | 312 | 822/062 | 58.24 | 0.83 | 17.33 | 5.68 | 0.10 | 4.78 | 7.08 | 3.81 | 1.48 | 0.27 | < 0.01 | 98.85 |
| agc | 340 | 816/070 | 58.53 | 0.82 | 17.37 | 5.59 | 0.10 | 4.54 | 6.99 | 3.87 | 1.53 | 0.27 | 0.04 | 99.21 |
| agc | 395 | 808/087 | 58.26 | 0.83 | 17.32 | 5.74 | 0.10 | 4.86 | 7.09 | 3.66 | 1.48 | 0.25 | 0.45 | 98.68 |
| agc | 632 | 817/065 | 58.30 | 0.83 | 17.38 | 5.78 | 0.10 | 4.76 | 7.04 | 3.70 | 1.48 | 0.24 | 0.15 | 99.19 |
| agp | 430 | 872/031 | 59.74 | 0.90 | 17.36 | 5.86 | 0.12 | 4.32 | 5.93 | 3.56 | 1.55 | 0.26 | 1.79 | 97.39 |
| agp | 431 | 872/031 | 59.37 | 0.89 | 17.17 | 5.88 | 0.11 | 3.66 | 6.38 | 4.04 | 1.84 | 0.27 | 0.49 | 98.69 |
| agp | 432 | 872/031 | 58.60 | 0.89 | 17.78 | 6.19 | 0.11 | 3.61 | 6.59 | 3.99 | 1.54 | 0.29 | 1.04 | 97.78 |
| ail | 81 | 938/119 | 62.05 | 0.66 | 16.68 | 5.09 | 0.11 | 3.34 | 6.01 | 3.55 | 1.87 | 0.25 | 0.79 | 98.55 |
| ald | 25 | 932/037 | 62.44 | 0.89 | 16.60 | 5.21 | 0.10 | 2.40 | 4.83 | 4.39 | 2.49 | 0.25 | 0.68 | 98.41 |
| ald | 26 | 926/037 | 61.79 | 0.92 | 17.12 | 5.39 | 0.09 | 2.34 | 5.15 | 4.36 | 2.21 | 0.24 | 0.54 | 98.33 |
| ald | 27 | 935/021 | 62.38 | 0.90 | 17.17 | 5.23 | 0.09 | 2.05 | 4.86 | 4.32 | 2.36 | 0.24 | 1.06 | 98.03 |
| ald | 60 | 922/034 | 60.32 | 1.01 | 17.24 | 5.92 | 0.11 | 2.82 | 5.69 | 4.22 | 2.01 | 0.26 | 0.64 | 98.24 |
| ald | 61 | 923/034 | 60.62 | 0.78 | 17.77 | 5.40 | 0.09 | 3.01 | 5.91 | 3.98 | 1.82 | 0.22 | 0.96 | 98.09 |
| ald | 62 | 925/034 | 62.85 | 0.88 | 16.78 | 5.12 | 0.13 | 1.78 | 4.83 | 4.40 | 2.57 | 0.24 | 1.07 | 97.93 |
| ald | 192 | 945/014 | 57.98 | 1.01 | 17.57 | 6.38 | 0.12 | 3.74 | 7.00 | 3.82 | 1.76 | 0.23 | 0.9 | 98.09 |
| ald | 273 | 917/057 | 61.55 | 0.81 | 16.20 | 5.36 | 0.11 | 3.37 | 5.59 | 4.07 | 2.30 | 0.25 | 0.79 | 98.39 |
| ald | 284 | 891/049 | 59.14 | 0.89 | 17.59 | 5.79 | 0.12 | 4.01 | 6.27 | 3.47 | 2.05 | 0.27 | 2.07 | 96.84 |
| ald | 285 | 890/049 | 53.70 | 1.15 | 17.38 | 7.34 | 0.40 | 5.18 | 8.82 | 3.73 | 1.42 | 0.48 | 3.16 | 95.15 |
| ald | 613 | 932/038 | 62.66 | 0.86 | 16.73 | 4.99 | 0.09 | 2.52 | 4.73 | 4.30 | 2.48 | 0.25 | 0.66 | 98.65 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|--------|----------------|
| ald | 615 | 931/039 | 62.78 | 0.84 | 16.53 | 5.01 | 0.10 | 2.44 | 4.73 | 4.35 | 2.57 | 0.24 | 0.94 | 98.39 |
| ald | 616 | 931/029 | 61.99 | 0.86 | 16.64 | 5.38 | 0.09 | 2.79 | 5.11 | 4.09 | 2.37 | 0.28 | 1.23 | 97.88 |
| ald | 638 | 921/033 | 61.40 | 0.92 | 17.14 | 5.49 | 0.11 | 2.61 | 5.36 | 3.86 | 2.48 | 0.22 | 1.79 | 97.47 |
| ald | 639 | 922/033 | 61.20 | 0.91 | 17.07 | 5.53 | 0.12 | 2.69 | 5.44 | 4.02 | 2.40 | 0.23 | 1.04 | 98.07 |
| ald | 640 | 918/036 | 61.86 | 0.84 | 16.91 | 5.18 | 0.09 | 2.70 | 5.16 | 4.20 | 2.44 | 0.22 | 1.1 | 97.86 |
| ald | 641 | 916/038 | 62.06 | 0.85 | 16.75 | 5.17 | 0.10 | 2.66 | 5.14 | 4.15 | 2.49 | 0.23 | 1.35 | 98.23 |
| alm | 91 | 776/075 | 59.81 | 0.93 | 17.45 | 6.01 | 0.11 | 3.22 | 6.17 | 4.07 | 1.54 | 0.28 | 0.32 | 98.75 |
| alr | 97 | 916/093 | 57.47 | 0.95 | 17.87 | 6.37 | 0.12 | 3.98 | 6.94 | 3.68 | 1.95 | 0.26 | 1.02 | 98.09 |
| alr | 98 | 917/093 | 61.44 | 0.91 | 17.04 | 5.41 | 0.11 | 2.58 | 5.45 | 3.62 | 2.77 | 0.27 | 2.03 | 97.59 |
| alr | 99 | 918/098 | 61.02 | 0.88 | 16.85 | 5.49 | 0.10 | 2.88 | 5.56 | 4.18 | 2.35 | 0.27 | 1.37 | 98.09 |
| alr | 100 | 918/100 | 61.22 | 0.89 | 17.11 | 5.63 | 0.14 | 2.48 | 5.26 | 4.23 | 2.39 | 0.26 | 1.7 | 97.78 |
| alr | 106 | 907/119 | 62.11 | 0.89 | 16.81 | 5.01 | 0.10 | 2.60 | 5.38 | 3.99 | 2.46 | 0.26 | 2.05 | 97.19 |
| alr | 135 | 914/086 | 58.25 | 0.93 | 17.38 | 6.20 | 0.12 | 3.89 | 7.06 | 3.56 | 1.96 | 0.24 | 1.21 | 97.97 |
| alr | 195 | 922/106 | 60.11 | 0.90 | 17.23 | 5.89 | 0.12 | 2.78 | 5.96 | 4.18 | 2.16 | 0.26 | 0.78 | 98.25 |
| alr | 346 | 910/093 | 62.67 | 0.82 | 16.51 | 4.91 | 0.10 | 2.51 | 4.86 | 4.18 | 2.79 | 0.25 | 1.34 | 97.74 |
| alr | 347 | 911/096 | 61.14 | 0.94 | 16.85 | 5.59 | 0.11 | 3.00 | 5.35 | 4.05 | 2.28 | 0.29 | 2.46 | 96.93 |
| alr | 350 | 917/103 | 61.53 | 0.86 | 17.10 | 5.23 | 0.09 | 2.52 | 5.21 | 4.41 | 2.38 | 0.26 | 0.7 | 98.42 |
| alr | 351 | 919/103 | 60.70 | 0.87 | 17.15 | 5.42 | 0.11 | 2.81 | 5.64 | 4.34 | 2.26 | 0.27 | 0.74 | 98.12 |
| alr | 481 | 916/083 | 60.97 | 0.89 | 16.99 | 5.44 | 0.12 | 2.81 | 5.89 | 3.96 | 2.27 | 0.25 | 4.7 | 94.43 |
| amp | 28 | 837/975 | 59.63 | 0.92 | 16.97 | 5.83 | 0.11 | 3.56 | 6.26 | 4.17 | 1.87 | 0.28 | < 0.01 | 99.21 |
| amp | 40 | 853/987 | 60.56 | 0.82 | 17.05 | 5.39 | 0.10 | 3.49 | 6.01 | 4.04 | 1.88 | 0.26 | < 0.01 | 99.34 |
| amp | 41 | 853/991 | 60.27 | 0.70 | 17.65 | 5.15 | 0.10 | 3.57 | 6.55 | 3.85 | 1.52 | 0.23 | < 0.01 | 99.32 |
| amp | 43 | 847/993 | 57.90 | 0.89 | 17.46 | 6.06 | 0.11 | 4.51 | 7.16 | 3.73 | 1.51 | 0.27 | 0.02 | 99.25 |
| amp | 44 | 849/987 | 60.61 | 0.80 | 17.19 | 5.31 | 0.10 | 3.52 | 6.01 | 3.94 | 1.87 | 0.25 | 0.08 | 99.09 |
| amp | 54 | 853/967 | 60.17 | 0.74 | 17.78 | 5.23 | 0.10 | 3.66 | 6.38 | 3.71 | 1.60 | 0.24 | 0.19 | 99.16 |
| amp | 55 | 847/986 | 58.52 | 0.91 | 17.49 | 5.98 | 0.11 | 4.06 | 6.75 | 3.83 | 1.66 | 0.28 | 0.06 | 99.06 |
| amp | 56 | 843/990 | 59.49 | 0.95 | 17.05 | 6.01 | 0.11 | 3.61 | 6.15 | 4.05 | 1.89 | 0.29 | < 0.01 | 99.29 |
| amp | 352 | 833/969 | 59.67 | 0.94 | 17.10 | 5.76 | 0.10 | 3.48 | 6.11 | 4.26 | 1.89 | 0.29 | < 0.01 | 98.99 |
| amp | 353 | 832/968 | 59.62 | 0.94 | 17.06 | 5.76 | 0.10 | 3.55 | 6.18 | 4.23 | 1.86 | 0.30 | < 0.01 | 99.24 |
| amp | 506 | 842/972 | 59.67 | 0.94 | 17.15 | 5.83 | 0.11 | 3.49 | 6.07 | 4.08 | 1.95 | 0.31 | 0.09 | 99.23 |
| amp | 507 | 835/967 | 59.51 | 0.95 | 17.07 | 5.88 | 0.11 | 3.63 | 6.21 | 4.07 | 1.87 | 0.30 | -0.01 | 99.71 |
| amp | 524 | 853/964 | 60.06 | 0.74 | 17.59 | 5.32 | 0.10 | 3.80 | 6.40 | 3.75 | 1.57 | 0.26 | 0.32 | 98.96 |
| amp | 525 | 853/000 | 60.17 | 0.71 | 17.79 | 5.16 | 0.10 | 3.62 | 6.57 | 3.72 | 1.51 | 0.26 | -0.08 | 99.43 |
| amp | 526 | 853/999 | 58.32 | 0.89 | 17.42 | 5.93 | 0.11 | 4.25 | 6.98 | 3.79 | 1.60 | 0.30 | -0.06 | 99.50 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|--------|----------------|
| amp | 527 | 853/998 | 58.35 | 0.90 | 17.41 | 5.90 | 0.11 | 4.25 | 6.96 | 3.82 | 1.60 | 0.30 | -0.08 | 99.46 |
| amp | 528 | 852/997 | 57.91 | 0.90 | 17.35 | 6.01 | 0.11 | 4.51 | 7.24 | 3.74 | 1.53 | 0.31 | -0.1 | 99.00 |
| amp | 577 | 834/979 | 59.41 | 0.93 | 17.20 | 5.83 | 0.11 | 3.62 | 6.27 | 4.05 | 1.85 | 0.32 | -0.06 | 99.55 |
| amp | 582 | 837/979 | 59.58 | 0.94 | 17.24 | 5.79 | 0.10 | 3.52 | 6.12 | 4.09 | 1.89 | 0.33 | 0.18 | 98.85 |
| amp | 661 | 858/966 | 57.65 | 0.82 | 18.01 | 5.90 | 0.11 | 4.19 | 7.35 | 3.96 | 1.32 | 0.28 | 0.12 | 99.00 |
| amp | 662b | 862/960 | 58.08 | 0.83 | 17.85 | 5.89 | 0.11 | 4.09 | 7.08 | 3.95 | 1.43 | 0.28 | 0.34 | 99.30 |
| amp | 662c | 862/960 | 58.52 | 0.80 | 18.07 | 5.67 | 0.10 | 3.70 | 6.88 | 4.10 | 1.51 | 0.26 | 0.18 | 99.23 |
| amp | 671 | 827/967 | 58.40 | 0.82 | 18.16 | 5.69 | 0.10 | 3.80 | 6.81 | 4.04 | 1.49 | 0.28 | 0.49 | 98.75 |
| aoc | 341 | 942/105 | 57.03 | 0.93 | 16.42 | 6.04 | 0.11 | 5.48 | 8.05 | 3.68 | 1.57 | 0.29 | 0.29 | 98.86 |
| aoc | 342b | 942/104 | 64.35 | 0.75 | 17.12 | 3.87 | 0.08 | 1.47 | 3.93 | 4.88 | 2.85 | 0.29 | 0.4 | 98.90 |
| aoc | 343 | 943/104 | 62.13 | 0.83 | 17.13 | 4.83 | 0.09 | 2.34 | 5.05 | 4.60 | 2.30 | 0.30 | 0.95 | 98.27 |
| aoc | 371 | 943/105 | 63.75 | 0.79 | 17.02 | 4.29 | 0.09 | 1.70 | 4.07 | 4.83 | 2.77 | 0.29 | 0.32 | 98.90 |
| aoc | 372 | 942/105 | 62.47 | 0.78 | 16.70 | 4.49 | 0.09 | 2.70 | 5.17 | 4.45 | 2.50 | 0.25 | 0.31 | 99.01 |
| aoc | 389 | 943/108 | 62.74 | 0.84 | 16.83 | 4.86 | 0.09 | 2.27 | 4.82 | 4.52 | 2.39 | 0.26 | 0.57 | 98.43 |
| aoc | 390 | 943/108 | 63.65 | 0.77 | 17.21 | 4.28 | 0.09 | 1.70 | 4.16 | 4.74 | 2.74 | 0.26 | 0.51 | 98.43 |
| aoc | 487 | 941/108 | 62.54 | 0.83 | 17.03 | 4.74 | 0.09 | 2.28 | 4.96 | 4.44 | 2.40 | 0.29 | 1.3 | 97.65 |
| aoc | 488 | 942/107 | 60.00 | 0.89 | 17.02 | 5.29 | 0.10 | 3.46 | 6.39 | 4.08 | 2.10 | 0.26 | 0.34 | 98.87 |
| aoc | 489 | 943/106 | 62.34 | 0.86 | 16.88 | 5.04 | 0.10 | 2.33 | 4.89 | 4.47 | 2.37 | 0.32 | 0.3 | 98.82 |
| aoc | 490 | 941/106 | 60.96 | 0.86 | 16.74 | 5.03 | 0.09 | 3.21 | 5.89 | 4.22 | 2.30 | 0.30 | 0.19 | 98.63 |
| apc | 643 | 913/024 | 60.94 | 0.92 | 16.88 | 5.47 | 0.13 | 2.83 | 5.46 | 3.95 | 2.75 | 0.26 | 1.24 | 98.14 |
| apc | 644 | 912/024 | 59.61 | 0.90 | 17.66 | 5.59 | 0.17 | 2.91 | 6.53 | 3.83 | 2.14 | 0.25 | 1.11 | 98.33 |
| apc | 645 | 911/025 | 58.59 | 0.89 | 17.76 | 5.84 | 0.12 | 3.62 | 6.92 | 3.87 | 1.76 | 0.23 | 0.88 | 98.51 |
| apl | 12 | 885/171 | 62.17 | 0.82 | 16.91 | 4.70 | 0.09 | 2.59 | 5.16 | 4.39 | 2.47 | 0.28 | 0.56 | 98.36 |
| apl | 550 | 887/169 | 59.37 | 0.90 | 16.75 | 5.49 | 0.10 | 4.02 | 6.75 | 3.93 | 2.00 | 0.29 | 0.32 | 98.81 |
| apl | 551 | 888/171 | 60.29 | 0.86 | 16.82 | 5.14 | 0.10 | 3.60 | 6.28 | 4.02 | 2.19 | 0.29 | 0.8 | 98.21 |
| apr | 436 | 859/026 | 58.39 | 0.85 | 17.28 | 5.80 | 0.10 | 4.64 | 6.95 | 3.59 | 1.74 | 0.26 | 0.51 | 99.03 |
| apr | 437 | 857/026 | 59.94 | 0.92 | 16.62 | 5.71 | 0.10 | 3.36 | 6.17 | 4.11 | 2.35 | 0.31 | 0.35 | 98.99 |
| apt | 1 | 912/073 | 62.00 | 0.73 | 16.97 | 5.10 | 0.10 | 2.66 | 5.26 | 4.40 | 2.12 | 0.24 | 0.76 | 98.00 |
| apt | 103 | 900/116 | 60.70 | 0.79 | 17.27 | 5.50 | 0.11 | 2.94 | 5.59 | 4.50 | 1.94 | 0.26 | 0.52 | 98.62 |
| apt | 138 | 906/069 | 62.46 | 0.73 | 17.08 | 4.93 | 0.10 | 2.55 | 5.00 | 4.29 | 2.23 | 0.23 | 0.64 | 98.55 |
| apt | 163 | 906/080 | 60.15 | 0.78 | 17.76 | 5.52 | 0.11 | 3.04 | 5.82 | 4.30 | 1.87 | 0.25 | 0.65 | 98.69 |
| apt | 164 | 901/079 | 61.66 | 0.76 | 17.26 | 5.13 | 0.10 | 2.70 | 5.30 | 4.35 | 2.11 | 0.23 | 0.46 | 98.69 |
| apt | 166 | 895/074 | 62.23 | 0.74 | 17.06 | 5.01 | 0.10 | 2.60 | 5.15 | 4.31 | 2.17 | 0.23 | < 0.01 | 99.24 |
| apt | 167 | 892/079 | 60.95 | 0.77 | 17.41 | 5.34 | 0.11 | 2.85 | 5.54 | 4.37 | 1.99 | 0.26 | 0.86 | 98.37 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|--------|----------------|
| apt | 169 | 901/085 | 61.39 | 0.75 | 17.37 | 5.19 | 0.10 | 2.76 | 5.39 | 4.35 | 2.05 | 0.25 | 0.62 | 98.64 |
| apt | 202 | 898/116 | 60.77 | 0.77 | 17.39 | 5.39 | 0.11 | 2.99 | 5.62 | 4.35 | 1.94 | 0.26 | 0.62 | 98.50 |
| apt | 230 | 919/069 | 60.79 | 0.76 | 17.60 | 5.37 | 0.11 | 2.87 | 5.63 | 4.27 | 1.93 | 0.25 | 0.92 | 98.46 |
| apt | 231 | 918/062 | 60.66 | 0.78 | 17.52 | 5.48 | 0.11 | 2.94 | 5.60 | 4.30 | 1.95 | 0.25 | 0.69 | 98.35 |
| apt | 232 | 915/066 | 60.85 | 0.77 | 17.47 | 5.40 | 0.11 | 2.93 | 5.51 | 4.34 | 1.95 | 0.27 | 0.05 | 99.20 |
| apt | 278 | 893/060 | 57.21 | 0.85 | 18.63 | 6.33 | 0.11 | 3.66 | 6.84 | 4.31 | 1.38 | 0.28 | 0.39 | 98.89 |
| apt | 279 | 893/059 | 57.12 | 0.82 | 18.74 | 6.31 | 0.11 | 3.62 | 6.87 | 4.36 | 1.38 | 0.28 | 0.61 | 98.35 |
| arc | 63 | 814/989 | 55.66 | 0.91 | 18.79 | 6.61 | 0.11 | 4.18 | 8.30 | 3.78 | 1.06 | 0.20 | 0.66 | 98.60 |
| arc | 64 | 814/988 | 54.63 | 0.89 | 17.81 | 6.96 | 0.12 | 5.92 | 8.57 | 3.56 | 0.92 | 0.22 | 1 | 98.45 |
| arc | 65 | 815/993 | 52.29 | 1.05 | 16.42 | 8.59 | 0.15 | 8.12 | 8.03 | 3.70 | 0.95 | 0.30 | 0.22 | 98.86 |
| arc | 66 | 812/988 | 56.86 | 1.17 | 17.50 | 7.00 | 0.13 | 3.80 | 7.23 | 4.12 | 1.47 | 0.30 | 0.8 | 98.44 |
| arc | 67 | 813/986 | 56.31 | 0.97 | 18.03 | 6.30 | 0.12 | 4.52 | 8.05 | 3.83 | 1.17 | 0.30 | 0.2 | 98.88 |
| arc | 521 | 817/988 | 51.34 | 1.33 | 17.23 | 8.97 | 0.16 | 6.61 | 9.57 | 3.44 | 0.67 | 0.28 | 1.26 | 98.00 |
| arg | 292 | 843/058 | 60.19 | 0.92 | 17.11 | 5.48 | 0.10 | 3.19 | 6.02 | 4.26 | 2.03 | 0.31 | 0.16 | 98.96 |
| arg | 293 | 843/057 | 60.36 | 0.82 | 17.53 | 5.32 | 0.09 | 3.06 | 6.07 | 4.09 | 2.01 | 0.25 | 0.3 | 98.83 |
| arg | 294 | 843/055 | 60.10 | 0.86 | 17.09 | 5.53 | 0.10 | 3.57 | 6.07 | 4.17 | 1.84 | 0.26 | < 0.01 | 99.10 |
| arg | 296 | 843/053 | 60.19 | 0.89 | 17.04 | 5.54 | 0.10 | 3.42 | 5.97 | 4.30 | 1.89 | 0.27 | 0.42 | 98.79 |
| arg | 458 | 831/059 | 60.63 | 0.89 | 17.07 | 5.45 | 0.10 | 3.24 | 5.80 | 4.17 | 2.00 | 0.25 | -0.04 | 99.26 |
| arg | 460 | 835/059 | 60.18 | 0.82 | 17.68 | 5.31 | 0.10 | 3.18 | 6.13 | 3.97 | 2.01 | 0.23 | 0.78 | 98.44 |
| arg | 461 | 835/058 | 60.36 | 0.82 | 17.64 | 5.33 | 0.09 | 3.07 | 6.06 | 4.03 | 1.97 | 0.23 | 0.23 | 98.91 |
| arw | 433 | 865/029 | 58.20 | 0.83 | 17.66 | 5.95 | 0.10 | 4.70 | 6.93 | 3.48 | 1.50 | 0.25 | 2.11 | 97.64 |
| arw | 434 | 864/029 | 57.97 | 0.84 | 17.59 | 5.83 | 0.11 | 4.72 | 7.10 | 3.70 | 1.47 | 0.27 | 0.73 | 98.68 |
| arw | 434a | 864/029 | 58.36 | 0.82 | 17.28 | 5.71 | 0.10 | 4.88 | 7.10 | 3.61 | 1.50 | 0.24 | 1.15 | 98.13 |
| asm | 78 | 954/124 | 57.57 | 0.83 | 17.69 | 6.15 | 0.10 | 4.17 | 7.85 | 3.71 | 1.30 | 0.21 | 1.91 | 97.40 |
| asr | 276a | 948/059 | 60.46 | 1.02 | 17.07 | 5.94 | 0.11 | 2.50 | 5.55 | 4.58 | 1.92 | 0.44 | 0.04 | 99.17 |
| asw | 256 | 963/073 | 55.72 | 1.04 | 16.73 | 7.06 | 0.13 | 6.02 | 7.68 | 3.70 | 1.27 | 0.26 | 0.24 | 98.85 |
| asw | 317 | 961/073 | 55.06 | 1.03 | 16.71 | 7.22 | 0.13 | 6.47 | 7.82 | 3.72 | 1.17 | 0.27 | 0.28 | 98.95 |
| asw | 319 | 959/076 | 55.04 | 1.03 | 16.60 | 7.29 | 0.13 | 6.48 | 7.83 | 3.76 | 1.17 | 0.27 | 0.32 | 98.99 |
| asw | 320 | 959/083 | 54.09 | 1.04 | 17.02 | 7.47 | 0.13 | 6.48 | 8.46 | 3.67 | 1.00 | 0.25 | 0.12 | 98.89 |
| asw | 572 | 972/047 | 55.60 | 1.03 | 16.86 | 7.08 | 0.13 | 6.00 | 7.67 | 3.68 | 1.27 | 0.28 | 0.38 | 98.56 |
| atc | 93 | 829/125 | 55.51 | 1.01 | 17.40 | 6.90 | 0.12 | 5.18 | 7.92 | 3.69 | 1.51 | 0.36 | 0.21 | 99.04 |
| atm | 8 | 974/129 | 62.30 | 0.88 | 16.67 | 5.09 | 0.10 | 2.49 | 4.94 | 4.56 | 2.31 | 0.26 | 1.1 | 98.01 |
| atm | 9 | 963/120 | 62.64 | 0.91 | 16.67 | 5.13 | 0.11 | 2.16 | 4.68 | 4.64 | 2.38 | 0.27 | 0.47 | 98.58 |
| atm | 10 | 956/113 | 60.74 | 0.74 | 17.60 | 5.12 | 0.10 | 3.15 | 6.06 | 4.21 | 1.60 | 0.28 | 0.14 | 99.05 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|--------|----------------|
| atm | 20 | 971/119 | 60.53 | 0.82 | 17.52 | 5.36 | 0.10 | 3.14 | 5.89 | 4.23 | 1.70 | 0.30 | 0.26 | 98.89 |
| atm | 68 | 972/105 | 62.60 | 0.89 | 16.73 | 5.03 | 0.10 | 2.24 | 4.78 | 4.59 | 2.39 | 0.26 | 0.43 | 98.81 |
| atm | 70 | 945/101 | 62.10 | 0.88 | 17.07 | 5.05 | 0.10 | 2.34 | 4.92 | 4.58 | 2.28 | 0.27 | 0.24 | 98.64 |
| atm | 71 | 944/107 | 62.24 | 0.89 | 16.77 | 5.24 | 0.11 | 2.42 | 4.83 | 4.50 | 2.31 | 0.28 | 0.3 | 98.58 |
| atm | 72 | 951/107 | 62.24 | 0.89 | 16.87 | 5.09 | 0.10 | 2.32 | 4.96 | 4.40 | 2.43 | 0.28 | 1.06 | 98.58 |
| atm | 75 | 942/096 | 61.70 | 0.79 | 17.51 | 4.86 | 0.09 | 2.48 | 5.45 | 4.42 | 2.03 | 0.27 | < 0.01 | 98.95 |
| atm | 76 | 954/118 | 60.99 | 0.86 | 16.99 | 5.39 | 0.10 | 3.20 | 5.51 | 4.27 | 2.01 | 0.27 | 0.89 | 98.47 |
| atm | 77 | 953/117 | 62.18 | 0.87 | 17.00 | 5.00 | 0.10 | 2.42 | 4.89 | 4.59 | 2.29 | 0.26 | 0.35 | 99.00 |
| atm | 79 | 948/121 | 61.03 | 0.86 | 17.09 | 5.38 | 0.10 | 2.98 | 5.53 | 4.36 | 1.97 | 0.29 | 0.21 | 99.06 |
| atm | 83 | 942/110 | 61.26 | 0.80 | 17.55 | 4.95 | 0.09 | 2.67 | 5.64 | 4.33 | 2.04 | 0.27 | 1 | 98.20 |
| atm | 84 | 941/109 | 62.64 | 0.82 | 16.88 | 4.83 | 0.10 | 2.27 | 4.99 | 4.37 | 2.43 | 0.26 | 1.33 | 97.95 |
| atm | 85 | 945/106 | 62.51 | 0.86 | 16.93 | 4.98 | 0.10 | 2.27 | 4.84 | 4.45 | 2.39 | 0.28 | 1.31 | 97.68 |
| atm | 90 | 978/144 | 62.33 | 0.91 | 16.96 | 5.10 | 0.10 | 2.23 | 4.81 | 4.53 | 2.36 | 0.27 | < 0.01 | 99.23 |
| atm | 130 | 949/113 | 60.71 | 0.80 | 17.55 | 5.13 | 0.10 | 3.11 | 5.94 | 4.30 | 1.68 | 0.28 | 0.49 | 98.76 |
| atm | 131 | 951/115 | 60.68 | 0.85 | 17.03 | 5.29 | 0.10 | 3.34 | 5.69 | 4.39 | 1.96 | 0.27 | 0.22 | 98.82 |
| atm | 157 | 973/101 | 61.77 | 0.90 | 16.91 | 5.22 | 0.10 | 2.62 | 5.06 | 4.51 | 2.23 | 0.27 | 1.03 | 98.35 |
| atm | 186 | 965/104 | 59.16 | 0.83 | 17.36 | 5.58 | 0.10 | 4.21 | 6.23 | 4.23 | 1.62 | 0.28 | 0.35 | 98.65 |
| atm | 187 | 962/106 | 61.48 | 0.80 | 17.48 | 4.91 | 0.09 | 2.61 | 5.50 | 4.38 | 2.08 | 0.27 | 0.98 | 98.02 |
| atm | 191 | 956/107 | 62.29 | 0.87 | 16.84 | 4.98 | 0.10 | 2.36 | 4.96 | 4.51 | 2.41 | 0.26 | 1 | 98.18 |
| atm | 373 | 943/108 | 62.03 | 0.86 | 17.08 | 5.01 | 0.10 | 2.39 | 5.05 | 4.52 | 2.26 | 0.29 | 1.51 | 97.95 |
| atm | 388 | 944/108 | 62.30 | 0.87 | 16.88 | 5.01 | 0.10 | 2.39 | 4.97 | 4.41 | 2.33 | 0.32 | 1.33 | 97.64 |
| atm | 443 | 942/113 | 60.80 | 0.84 | 17.30 | 5.31 | 0.10 | 3.12 | 5.66 | 4.34 | 1.86 | 0.28 | 0.28 | 99.01 |
| atm | 444 | 944/116 | 61.45 | 0.81 | 17.56 | 4.91 | 0.09 | 2.57 | 5.52 | 4.39 | 2.02 | 0.27 | 1.01 | 98.16 |
| atm | 445 | 945/117 | 61.50 | 0.81 | 17.56 | 4.89 | 0.09 | 2.58 | 5.45 | 4.38 | 2.06 | 0.27 | 1.01 | 98.16 |
| atm | 446 | 945/118 | 61.35 | 0.82 | 17.49 | 4.99 | 0.09 | 2.67 | 5.51 | 4.41 | 2.01 | 0.27 | 1.16 | 97.71 |
| atm | 447 | 944/117 | 61.28 | 0.82 | 17.47 | 4.97 | 0.09 | 2.66 | 5.60 | 4.41 | 2.01 | 0.28 | 1.01 | 98.19 |
| atm | CR-73 | 983/130 | 62.44 | 0.90 | 16.72 | 5.10 | 0.10 | 2.26 | 4.91 | 4.58 | 2.34 | 0.26 | 0.54 | 98.90 |
| atp | 53 | 848/962 | 54.16 | 0.90 | 16.25 | 7.18 | 0.13 | 7.33 | 9.66 | 2.87 | 0.92 | 0.20 | 0.14 | 99.31 |
| atp | 522 | 851/966 | 53.92 | 0.86 | 15.16 | 7.22 | 0.13 | 8.54 | 9.99 | 2.66 | 0.90 | 0.22 | 0.01 | 99.47 |
| atp | 523 | 852/965 | 54.61 | 0.93 | 15.68 | 7.14 | 0.13 | 7.63 | 9.20 | 2.95 | 1.08 | 0.24 | 0.1 | 99.01 |
| BA | 411 | 891/027 | 62.13 | 1.04 | 16.06 | 5.49 | 0.10 | 2.45 | 4.30 | 4.56 | 3.10 | 0.37 | 0.22 | 99.23 |
| bcc | 50 | 849/970 | 52.87 | 1.13 | 20.28 | 6.69 | 0.11 | 3.99 | 9.41 | 3.77 | 0.99 | 0.35 | 0.13 | 98.71 |
| bcc | 51 | 849/971 | 52.89 | 1.08 | 20.31 | 6.64 | 0.11 | 4.04 | 9.54 | 3.68 | 0.96 | 0.35 | 0.1 | 99.05 |
| bcc | CR-71 | 849/969 | 52.77 | 1.14 | 20.10 | 6.71 | 0.11 | 3.98 | 9.62 | 3.83 | 0.99 | 0.36 | 0.14 | 99.09 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|--------|----------------|
| bls | 181 | 932/878 | 51.42 | 1.43 | 17.68 | 8.80 | 0.15 | 6.50 | 8.77 | 3.94 | 0.63 | 0.29 | < 0.01 | 99.17 |
| bls | 175b | 937/876 | 52.09 | 1.20 | 17.63 | 7.92 | 0.14 | 7.69 | 8.30 | 3.70 | 0.70 | 0.23 | 0.38 | 98.85 |
| bpb | 52 | 846/963 | 50.21 | 1.06 | 17.30 | 9.83 | 0.17 | 8.04 | 9.23 | 3.11 | 0.47 | 0.18 | < 0.01 | 99.59 |
| bpb | CR-70 | 845/964 | 50.30 | 1.05 | 16.97 | 9.74 | 0.16 | 8.40 | 9.39 | 3.00 | 0.41 | 0.16 | | 98.60 |
| bsc | 30 | 933/915 | 55.01 | 1.35 | 17.22 | 7.80 | 0.14 | 4.80 | 7.32 | 4.16 | 1.34 | 0.46 | 0.29 | 98.32 |
| bsc | 31 | 932/919 | 55.13 | 1.33 | 17.24 | 7.70 | 0.14 | 4.84 | 7.32 | 4.12 | 1.35 | 0.43 | 0.3 | 98.82 |
| bsc | 32 | 895/919 | 55.65 | 1.25 | 17.40 | 7.46 | 0.13 | 4.57 | 7.23 | 4.09 | 1.39 | 0.42 | 0.27 | 98.44 |
| bsc | 33 | 899/921 | 55.19 | 1.33 | 17.26 | 7.69 | 0.14 | 4.76 | 7.34 | 4.10 | 1.33 | 0.45 | 0.14 | 99.26 |
| bsc | 34 | 906/928 | 55.70 | 1.30 | 17.21 | 7.50 | 0.14 | 4.61 | 7.11 | 4.17 | 1.45 | 0.42 | 0 | 98.85 |
| bsc | 35 | 963/906 | 51.91 | 1.65 | 17.50 | 8.96 | 0.16 | 5.46 | 8.36 | 4.26 | 0.84 | 0.50 | <0.01 | 99.58 |
| bsc | 36 | 949/919 | 55.18 | 1.35 | 17.19 | 7.73 | 0.14 | 4.71 | 7.25 | 4.20 | 1.38 | 0.47 | <0.01 | 99.09 |
| bsc | 183 | 958/897 | 51.79 | 1.64 | 17.56 | 8.92 | 0.16 | 5.51 | 8.37 | 4.35 | 0.86 | 0.45 | < 0.01 | 99.82 |
| bsc | 185 | 980/907 | 52.06 | 1.59 | 17.52 | 8.84 | 0.16 | 5.51 | 8.35 | 4.26 | 0.88 | 0.43 | < 0.01 | 98.91 |
| bsc | 440 | 913/920 | 55.30 | 1.28 | 17.15 | 7.65 | 0.14 | 4.89 | 7.33 | 4.09 | 1.36 | 0.40 | 0.11 | 99.06 |
| bsc | 442 | 881/947 | 51.40 | 1.67 | 18.07 | 9.16 | 0.17 | 5.58 | 8.17 | 4.16 | 0.78 | 0.44 | 0.62 | 98.41 |
| bsc | 462 | 956/903 | 51.64 | 1.66 | 17.60 | 9.03 | 0.17 | 5.51 | 8.39 | 4.27 | 0.83 | 0.50 | -0.04 | 98.98 |
| bsc | 501 | 876/944 | 55.60 | 1.28 | 17.15 | 7.56 | 0.14 | 4.72 | 7.21 | 4.12 | 1.40 | 0.41 | -0.15 | 99.36 |
| bsc | 502 | 875/943 | 55.69 | 1.27 | 17.30 | 7.42 | 0.14 | 4.55 | 7.21 | 4.20 | 1.40 | 0.41 | -0.19 | 99.31 |
| bsc | 503 | 866/937 | 55.76 | 1.28 | 17.21 | 7.42 | 0.14 | 4.65 | 7.19 | 4.14 | 1.42 | 0.40 | -0.23 | 99.45 |
| bsc | CR-64 | 963/906 | 51.36 | 1.65 | 17.69 | 9.09 | 0.16 | 5.45 | 8.62 | 4.34 | 0.79 | 0.46 | < 0.01 | 99.67 |
| bsc | CR-67 | 872/947 | 58.57 | 0.91 | 17.49 | 5.90 | 0.10 | 3.87 | 6.92 | 3.89 | 1.67 | 0.29 | 0.01 | 99.65 |
| bws | 325 | 918/088 | 52.11 | 1.17 | 17.47 | 8.31 | 0.14 | 7.49 | 8.43 | 3.50 | 0.71 | 0.27 | 1.99 | 96.91 |
| bws | 475 | 911/087 | 51.39 | 1.22 | 17.90 | 8.54 | 0.18 | 7.23 | 9.02 | 3.20 | 0.67 | 0.26 | 2.79 | 96.17 |
| bws | 482 | 918/082 | 54.45 | 1.17 | 18.05 | 8.45 | 0.16 | 4.82 | 6.84 | 4.28 | 1.07 | 0.33 | 6.5 | 92.10 |
| dbm | 492 | 929/123 | 65.12 | 0.60 | 16.46 | 4.22 | 0.09 | 2.23 | 4.82 | 3.94 | 1.87 | 0.25 | 3.51 | 95.81 |
| dbm | 493 | 928/124 | 66.27 | 0.63 | 16.36 | 4.03 | 0.08 | 1.66 | 4.18 | 3.85 | 2.27 | 0.27 | 2.3 | 96.82 |
| dcd | 123 | 874/124 | 62.62 | 0.78 | 16.87 | 4.94 | 0.09 | 2.63 | 5.05 | 4.17 | 2.25 | 0.20 | 0.3 | 98.61 |
| dcd | 225 | 873/137 | 61.96 | 0.75 | 17.00 | 5.03 | 0.09 | 2.92 | 5.61 | 3.98 | 2.04 | 0.21 | 0.24 | 99.03 |
| dcd | 259 | 872/143 | 63.68 | 0.77 | 16.79 | 4.43 | 0.09 | 2.27 | 4.64 | 4.31 | 2.40 | 0.21 | 1.32 | 97.91 |
| dla | 416 | 993/093 | 66.37 | 0.58 | 16.09 | 3.62 | 0.08 | 1.82 | 4.01 | 4.31 | 2.54 | 0.18 | 3.11 | 96.37 |
| dml | 449 | 938/115 | 65.79 | 0.73 | 16.38 | 4.31 | 0.07 | 1.10 | 3.98 | 4.35 | 2.68 | 0.21 | 1.38 | 97.68 |
| dnf | 142 | 887/177 | 63.71 | 0.79 | 17.00 | 4.32 | 0.09 | 1.76 | 4.19 | 4.60 | 2.82 | 0.32 | 0.7 | 97.87 |
| dnf | 143 | 886/177 | 64.80 | 0.74 | 16.76 | 3.95 | 0.08 | 1.52 | 3.77 | 4.78 | 2.97 | 0.23 | 0.58 | 98.67 |
| dnf | 332a | 886/178 | 64.73 | 0.72 | 16.71 | 3.95 | 0.08 | 1.50 | 3.79 | 4.92 | 2.93 | 0.27 | 0.19 | 98.94 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|------|----------------|
| dnf | 332b | 886/178 | 64.46 | 0.75 | 16.82 | 4.10 | 0.08 | 1.56 | 3.92 | 4.68 | 2.93 | 0.29 | 0.19 | 98.27 |
| gbc | 356 | 886/079 | 64.65 | 0.73 | 16.21 | 4.53 | 0.08 | 2.08 | 4.42 | 4.55 | 2.12 | 0.23 | 1.17 | 97.68 |
| gbc | 591 | 885/077 | 64.78 | 0.81 | 16.27 | 3.78 | 0.05 | 1.80 | 4.13 | 5.55 | 2.16 | 0.28 | 2.31 | 96.09 |
| gbc | 356a | 886/079 | 68.87 | 0.52 | 15.64 | 2.94 | 0.08 | 1.04 | 2.64 | 4.75 | 2.92 | 0.20 | 2.29 | 94.87 |
| gbc | 591a | 885/076 | 64.89 | 0.82 | 16.21 | 4.39 | 0.08 | 1.82 | 3.66 | 5.03 | 2.47 | 0.23 | 2.45 | 96.00 |
| gbc | 636a | 887/080 | 62.91 | 0.86 | 16.51 | 5.26 | 0.10 | 2.53 | 5.12 | 4.10 | 1.98 | 0.24 | 2 | 97.37 |
| gbc | 636b | 887/080 | 65.44 | 0.78 | 16.14 | 4.29 | 0.08 | 1.74 | 4.28 | 4.17 | 2.47 | 0.20 | 2.57 | 95.47 |
| gbc | 636c | 887/080 | 59.85 | 0.84 | 18.11 | 5.72 | 0.11 | 3.16 | 6.26 | 3.83 | 1.49 | 0.22 | 2.49 | 96.10 |
| rbr | 193 | 960/977 | 68.55 | 0.63 | 15.67 | 3.04 | 0.06 | 0.88 | 2.61 | 4.55 | 3.40 | 0.22 | 0.36 | 98.39 |
| rcd | 129 | 861/102 | 69.20 | 0.44 | 15.74 | 3.37 | 0.03 | 0.90 | 2.61 | 4.30 | 2.85 | 0.15 | 1.68 | 97.44 |
| rcd | 626 | 861/101 | 65.43 | 0.59 | 16.64 | 4.25 | 0.04 | 1.52 | 4.30 | 4.15 | 2.48 | 0.20 | 3.01 | 96.36 |
| rcd | 627 | 865/110 | 69.79 | 0.56 | 15.95 | 2.81 | 0.03 | 0.41 | 2.29 | 4.89 | 2.72 | 0.15 | 1.84 | 97.67 |
| rck | 137 | 921/081 | 72.35 | 0.45 | 15.70 | 2.09 | 0.06 | 0.73 | 0.45 | 4.02 | 3.59 | 0.15 | 2.1 | 97.06 |
| rck | 326 | 919/087 | 73.76 | 0.44 | 15.54 | 1.70 | 0.04 | 0.70 | 1.16 | 3.91 | 2.18 | 0.17 | 2.79 | 96.26 |
| rck | 465 | 919/086 | 74.13 | 0.42 | 14.93 | 1.48 | 0.05 | 0.86 | 1.42 | 2.15 | 4.01 | 0.16 | 3.11 | 96.03 |
| rck | 618 | 924/079 | 70.76 | 0.44 | 17.26 | 2.13 | 0.05 | 0.67 | 0.38 | 5.72 | 2.04 | 0.14 | 2.52 | 96.65 |
| rck | 465i | 919/086 | 63.30 | 0.88 | 17.74 | 5.62 | 0.06 | 0.75 | 3.26 | 3.96 | 3.61 | 0.42 | 4.98 | 92.69 |
| rcr | 145 | 855/087 | 71.64 | 0.38 | 15.24 | 2.02 | 0.03 | 0.64 | 1.80 | 4.61 | 3.12 | 0.12 | 1.25 | 98.01 |
| rcx | 287 | 938/083 | 71.09 | 0.44 | 15.58 | 2.22 | 0.03 | 0.43 | 2.11 | 4.73 | 2.81 | 0.17 | 1.2 | 97.80 |
| rcx | 290 | 936/080 | 72.58 | 0.41 | 14.80 | 2.27 | 0.05 | 0.22 | 1.99 | 4.45 | 2.64 | 0.17 | 1.46 | 97.56 |
| rcx | 451 | 936/077 | 71.21 | 0.42 | 14.98 | 2.71 | 0.08 | 1.11 | 2.75 | 3.62 | 2.58 | 0.15 | 4.73 | 94.37 |
| rcx | 452 | 938/077 | 70.37 | 0.43 | 15.61 | 2.57 | 0.06 | 0.90 | 2.47 | 4.31 | 2.74 | 0.16 | 2.24 | 96.73 |
| rcx(i) | 453 | 938/077 | 55.21 | 0.91 | 18.76 | 6.91 | 0.21 | 3.86 | 7.69 | 3.76 | 1.87 | 0.42 | 8.38 | 90.47 |
| rdc | 297 | 871/129 | 71.86 | 0.35 | 15.41 | 1.61 | 0.02 | 0.26 | 2.23 | 4.65 | 3.05 | 0.15 | 0.73 | 98.27 |
| rdc | 298 | 870/123 | 68.07 | 0.71 | 15.68 | 3.42 | 0.07 | 0.84 | 2.41 | 5.12 | 3.10 | 0.19 | 0.48 | 98.47 |
| rdc | 583 | 871/131 | 71.34 | 0.36 | 15.33 | 2.45 | 0.06 | 0.42 | 2.04 | 4.37 | 3.06 | 0.17 | 1.68 | 97.34 |
| rdd | 299 | 871/119 | 70.22 | 0.49 | 15.59 | 2.56 | 0.04 | 0.65 | 2.04 | 4.89 | 2.96 | 0.16 | 1.59 | 97.73 |
| rdd | 628 | 871/118 | 72.10 | 0.50 | 16.31 | 0.91 | 0.02 | 0.20 | 1.85 | 4.63 | 2.98 | 0.09 | 2.19 | 96.80 |
| ril | 80 | 939/117 | 71.29 | 0.37 | 15.11 | 2.24 | 0.06 | 0.58 | 1.69 | 4.46 | 3.67 | 0.14 | 3.88 | 95.28 |
| ril | 82 | 940/115 | 72.27 | 0.34 | 14.66 | 1.90 | 0.06 | 0.48 | 1.50 | 4.96 | 3.33 | 0.09 | 3.93 | 95.10 |
| ril | 631 | 941/115 | 73.29 | 0.34 | 14.76 | 1.37 | 0.03 | 0.16 | 1.34 | 4.86 | 3.36 | 0.10 | 0.46 | 98.61 |
| ril | 448b | 941/114 | 72.97 | 0.33 | 14.70 | 1.86 | 0.02 | 0.14 | 1.34 | 4.89 | 3.26 | 0.09 | 0.9 | 97.97 |
| ris | 96 | 923/094 | 73.32 | 0.36 | 13.26 | 2.25 | 0.06 | 1.04 | 3.21 | 3.76 | 2.20 | 0.14 | 2.78 | 95.36 |
| ris | 188 | 957/106 | 72.46 | 0.36 | 14.41 | 2.10 | 0.06 | 0.81 | 2.15 | 3.80 | 3.34 | 0.12 | 4.56 | 94.70 |

| Map Label | Sample | Grid E/N | SiO ₂ | TiO ₂ | Al ₂ O ₃ | FeO* | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | LOI | original total |
|-----------|--------|----------|------------------|------------------|--------------------------------|------|------|------|------|-------------------|------------------|-------------------------------|------|----------------|
| ris | 189 | 957/106 | 60.20 | 0.90 | 17.61 | 6.25 | 0.11 | 2.66 | 6.04 | 3.78 | 1.78 | 0.25 | 2.56 | 96.12 |
| ris | 321 | 960/095 | 71.02 | 0.42 | 15.08 | 2.60 | 0.07 | 1.25 | 4.15 | 2.30 | 2.57 | 0.16 | 10.8 | 88.50 |
| rlr | 345 | 906/099 | 72.90 | 0.39 | 16.71 | 1.72 | 0.08 | 0.77 | 0.35 | 4.10 | 2.40 | 0.16 | 2.99 | 96.59 |
| rlr | 472 | 905/088 | 73.12 | 0.36 | 15.45 | 1.86 | 0.03 | 0.78 | 1.88 | 3.70 | 2.28 | 0.14 | 2.72 | 96.60 |
| rmf | 309 | 930/118 | 70.30 | 0.42 | 15.45 | 2.42 | 0.09 | 0.71 | 2.19 | 4.41 | 3.46 | 0.16 | 6.34 | 92.80 |
| rmf | 310 | 929/117 | 72.82 | 0.37 | 14.91 | 1.25 | 0.02 | 0.11 | 1.33 | 4.65 | 4.03 | 0.12 | 0.93 | 98.20 |
| rod | 228 | 934/073 | 69.02 | 0.55 | 16.19 | 1.75 | 0.04 | 1.07 | 3.48 | 4.51 | 2.71 | 0.29 | 1.19 | 97.83 |
| rod | 378 | 928/072 | 70.83 | 0.55 | 15.05 | 4.15 | 0.08 | 1.34 | 1.25 | 3.82 | 2.30 | 0.23 | 3.6 | 95.44 |
| rod | 455 | 934/076 | 64.76 | 0.57 | 17.20 | 3.85 | 0.08 | 1.31 | 4.21 | 4.56 | 2.78 | 0.27 | 3.78 | 95.12 |
| rod | 455 | 934/076 | 63.78 | 0.59 | 17.55 | 3.97 | 0.08 | 1.37 | 4.49 | 4.58 | 2.87 | 0.32 | 4.22 | 94.52 |
| rpd | 73 | 951/103 | 71.24 | 0.40 | 15.10 | 2.29 | 0.04 | 0.60 | 1.81 | 4.82 | 3.16 | 0.13 | 0.96 | 98.28 |
| rpd | 190 | 958/104 | 71.08 | 0.37 | 15.15 | 2.17 | 0.05 | 0.59 | 1.84 | 4.97 | 3.28 | 0.10 | 0.63 | 98.64 |
| rpd | 212 | 951/095 | 70.82 | 0.40 | 15.40 | 2.31 | 0.05 | 0.65 | 1.86 | 4.89 | 3.10 | 0.12 | 1.01 | 98.31 |
| rpd | 291 | 939/091 | 71.25 | 0.40 | 15.22 | 2.23 | 0.04 | 0.52 | 1.78 | 4.92 | 3.10 | 0.15 | 1.04 | 98.14 |
| rps | 622 | 935/066 | 71.21 | 0.43 | 15.07 | 2.44 | 0.06 | 1.14 | 2.62 | 2.95 | 3.56 | 0.12 | 4.14 | 95.46 |
| rsr | 275c | 945/062 | 72.20 | 0.35 | 15.65 | 1.18 | 0.02 | 0.28 | 1.86 | 4.89 | 3.04 | 0.12 | 0.86 | 98.63 |
| rsr | 621a | 944/061 | 70.40 | 0.37 | 15.63 | 2.34 | 0.07 | 0.74 | 2.35 | 4.70 | 2.90 | 0.10 | 2.66 | 96.61 |
| rsw | 315 | 967/089 | 67.26 | 0.63 | 15.72 | 3.70 | 0.08 | 1.34 | 3.21 | 4.83 | 2.63 | 0.21 | 0.94 | 98.18 |
| rsw | 316 | 959/079 | 68.14 | 0.57 | 15.36 | 3.35 | 0.07 | 1.45 | 2.90 | 4.89 | 2.68 | 0.19 | 1.34 | 97.94 |
| rwc | 102 | 932/095 | 71.37 | 0.41 | 15.45 | 2.32 | 0.09 | 0.53 | 1.34 | 4.79 | 3.17 | 0.13 | 1.76 | 97.97 |
| rwc | 213 | 935/101 | 72.37 | 0.40 | 15.35 | 1.95 | 0.02 | 0.45 | 1.38 | 4.37 | 3.19 | 0.11 | 1.59 | 97.30 |
| rwc | 215 | 932/101 | 72.04 | 0.41 | 15.38 | 1.95 | 0.05 | 0.81 | 3.08 | 4.71 | 1.05 | 0.12 | 6.09 | 92.63 |
| rwc | 555 | 934/099 | 71.80 | 0.40 | 15.24 | 2.19 | 0.05 | 0.74 | 1.61 | 4.37 | 3.06 | 0.15 | 1.45 | 97.68 |
| rwc | 630 | 935/101 | 73.14 | 0.38 | 14.59 | 2.11 | 0.04 | 0.44 | 1.59 | 4.18 | 3.04 | 0.10 | 1.59 | 97.44 |
| Tgla | 160 | 977/098 | 60.75 | 1.02 | 16.60 | 6.00 | 0.11 | 2.85 | 5.47 | 4.24 | 2.26 | 0.30 | 0.37 | 98.37 |
| Tgla | 161 | 977/100 | 64.05 | 0.79 | 16.92 | 4.29 | 0.06 | 1.76 | 4.18 | 4.69 | 2.64 | 0.21 | 0.71 | 98.28 |
| Tgla | 170 | 980/090 | 61.36 | 1.01 | 16.33 | 5.96 | 0.09 | 2.49 | 4.56 | 4.87 | 2.63 | 0.29 | 0.84 | 98.20 |
| Tgla | 333 | 997/097 | 67.04 | 0.52 | 16.30 | 3.45 | 0.07 | 1.45 | 3.78 | 4.54 | 2.26 | 0.20 | 0.65 | 98.35 |
| Tgla | 538 | 976/108 | 60.83 | 0.94 | 17.10 | 5.77 | 0.11 | 2.74 | 5.34 | 4.28 | 2.17 | 0.31 | 1.2 | 97.65 |
| Tht | 380 | 074/161 | 75.21 | 0.17 | 13.55 | 1.17 | 0.07 | 0.26 | 0.67 | 4.53 | 3.89 | 0.09 | 6.08 | 92.88 |