

**Table T4.** Correlation of matrices for selected ash intervals using minimum percent difference on ternary plot (mpdtp). (See table notes. Continued on next two pages.)

| Correlation: Hole, core,<br>section, interval (cm) | Vesiculated shards blocky |           |            |                      | Lvsv/Lvvmv Lvvhv/Lvww shards |           |            |                      | Lvu Lvy platy |           |            |                      | Total<br>mpdtp | Total<br>common<br>ternary<br>plots | Average<br>mpdtp |
|----------------------------------------------------|---------------------------|-----------|------------|----------------------|------------------------------|-----------|------------|----------------------|---------------|-----------|------------|----------------------|----------------|-------------------------------------|------------------|
|                                                    | Stained                   | K-stained | Ca-stained | K- and<br>Ca-stained | Stained                      | K-stained | Ca-stained | K- and<br>Ca-stained | Stained       | K-stained | Ca-stained | K- and<br>Ca-stained |                |                                     |                  |
| 198-                                               |                           |           |            |                      |                              |           |            |                      |               |           |            |                      |                |                                     |                  |
| 1207A-2H-4, 99, to 1208A-4H-4, 62                  | 7                         | 15        | 19         | 8.5                  | 7                            | 22        | 18         | 8                    | NA            | 30        | 0          | 5                    | 139.5          | 11                                  | 12.68            |
| 1207A-2H-4, 99, to 1208A-5H-2, 1                   | 1                         | 1         | NA         | 2.5                  | 3                            | 0.5       | NA         | 6                    | 1             | 31        | NA         | 3                    | 49             | 9                                   | 5.44             |
| 1207A-2H-4, 99, to 1208A-5H-6, 30                  | 10                        | NA        | 2.5        | 0                    | 3.5                          | NA        | 9.5        | 3.5                  | 0.5           | NA        | 3          | 2.5                  | 35             | 9                                   | 3.89             |
| 1208A-4H-4, 62, to 1209A-2H-6, 72                  | 5.5                       | NA        | 9          | 1                    | 24.5                         | NA        | 20         | 21                   | 3.5           | NA        | 9.5        | 2.5                  | 96.5           | 9                                   | 10.72            |
| 1208A-4H-4, 62, to 1209A-2H-6, 72                  | 1                         | 36        | NA         | 8                    | NA                           | 10        | NA         | 22                   | 4             | 0         | NA         | 3.5                  | 84.5           | 8                                   | 10.56            |
| 1208A-4H-4, 62, to 1209A-3H-1, 30                  | 15.5                      | 8         | NA         | 15                   | 5                            | 15        | NA         | 7                    | 1             | 0         | NA         | 3                    | 69.5           | 9                                   | 7.72             |
| 1208A-4H-4, 62, to 1209A-4H-3, 24                  | 1.5                       | 15.5      | NA         | 2.5                  | 0.5                          | 8.5       | NA         | 1                    | 4             | 0         | NA         | 0                    | 33.5           | 9                                   | 3.72             |
| 1208A-4H-4, 62, to 1209A-4H-5, 55                  | 2                         | 4         | NA         | 2                    | 24                           | 6         | NA         | 25                   | 3             | 0         | NA         | 1.5                  | 67.5           | 9                                   | 7.50             |
| 1208A-5H-2, 1, to 1209A-2H-6, 72                   | 4.5                       | NA        | NA         | 3                    | 11                           | NA        | NA         | 13                   | 2             | NA        | NA         | 1                    | 34.5           | 6                                   | 5.75             |
| 1208A-5H-2, 1, to 1209A-2H-6, 85                   | 14.5                      | 23        | NA         | 9.5                  | NA                           | 13        | NA         | 21                   | 3             | 0         | NA         | 0                    | 84             | 8                                   | 10.50            |
| 1208A-5H-2, 1, to 1209A-3H-1, 30                   | 7.5                       | 13        | NA         | 3.5                  | 5                            | 5.5       | NA         | 7                    | 0.5           | 0         | NA         | 0.5                  | 42.5           | 9                                   | 4.72             |
| 1208A-5H-2, 1, to 1209A-4H-3, 24                   | 5.5                       | 3.5       | NA         | 20                   | 4.5                          | 14.5      | NA         | 3                    | 2.5           | 0         | NA         | 3.5                  | 57             | 9                                   | 6.33             |
| 1208A-5H-2, 1, to 1209A-4H-5, 55                   | 8.5                       | 3.5       | NA         | 14                   | 14                           | 10.5      | NA         | 10.5                 | 1.5           | 0         | NA         | 4                    | 66.5           | 9                                   | 7.39             |
| 1208A-5H-6, 30, to 1209A-2H-6, 72                  | 0.5                       | NA        | 12.5       | 3.5                  | 4                            | NA        | 0.5        | 2.5                  | 0             | NA        | 1.5        | 0                    | 25             | 9                                   | 2.78             |
| 1208A-5H-6, 30, to 1209A-2H-6, 85                  | 4.5                       | NA        | NA         | 1                    | NA                           | NA        | NA         | 1.5                  | 4             | NA        | NA         | 6                    | 17             | 5                                   | 3.40             |
| 1208A-5H-6, 30, to 1209A-3H-1, 30                  | 2                         | NA        | NA         | 10                   | 1                            | NA        | NA         | 1                    | 7             | NA        | NA         | 7.5                  | 28.5           | 6                                   | 4.75             |
| 1208A-5H-6, 30, to 1209A-4H-3, 24                  | 8                         | NA        | NA         | 4                    | 20                           | NA        | NA         | 3.5                  | 4             | NA        | NA         | 10.5                 | 50             | 6                                   | 8.33             |
| 1208A-5H-6, 30, to 1209A-4H-5, 55                  | 5.5                       | NA        | NA         | 6                    | 10                           | NA        | NA         | 10.5                 | 4             | NA        | NA         | 3                    | 39             | 6                                   | 6.50             |
| 1208A-10H-2, 112, to 1209A-2H-6, 72                | 11                        | NA        | NA         | 9                    | 2.5                          | NA        | NA         | 5                    | 2.5           | NA        | NA         | 5.5                  | 35.5           | 6                                   | 5.92             |
| 1208A-10H-2, 112, to 1209A-2H-6, 85                | 2                         | 10        | NA         | 3                    | 4.5                          | NA        | NA         | 8                    | 2             | 0         | NA         | 8                    | 37.5           | 8                                   | 4.69             |
| 1208A-10H-2, 112, to 1209A-3H-1, 30                | 7                         | 7         | NA         | 11                   | 10                           | 10        | NA         | 7                    | 5             | 0         | NA         | 5                    | 62             | 9                                   | 6.89             |
| 1208A-10H-2, 115, to 1209A-2H-6, 72                | 9                         | NA        | 7          | 17                   | 8                            | NA        | 0.5        | 8                    | 13            | NA        | 10         | 7.5                  | 80             | 9                                   | 8.89             |
| 1208A-10H-2, 115, to 1209A-2H-6, 85                | 0.5                       | NA        | NA         | 5                    | 3                            | NA        | NA         | 5.5                  | 1             | NA        | NA         | 6.5                  | 21.5           | 6                                   | 3.58             |
| 1208A-10H-2, 115, to 1209A-3H-1, 30                | 8                         | NA        | NA         | 18                   | 0.5                          | NA        | NA         | 2.5                  | 8             | NA        | NA         | 10                   | 47             | 6                                   | 7.83             |
| 1208A-13H-2, 54, to 1209A-4H-3, 24                 | 12                        | NA        | NA         | 4                    | 6                            | NA        | NA         | NA                   | 3.5           | NA        | NA         | 6.5                  | 32             | 5                                   | 6.40             |
| 1208A-13H-2, 54, to 1209A-4H-5, 55                 | 8.5                       | NA        | NA         | 6                    | 16.5                         | NA        | NA         | 18                   | 5             | NA        | NA         | 1                    | 55             | 6                                   | 9.17             |
| 1208A-13H-5, 83, to 1209A-4H-3, 24                 | 12                        | 14        | NA         | 5                    | 16                           | 21        | NA         | NA                   | 5.5           | NA        | NA         | 9                    | 82.5           | 7                                   | 11.79            |
| 1208A-13H-5, 83, to 1209A-4H-5, 55                 | 9                         | 35        | NA         | 5                    | 7                            | 12        | NA         | 8                    | 1             | NA        | NA         | 2                    | 79             | 8                                   | 9.88             |
| 1208A-14H-2, 53, to 1209A-4H-3, 24                 | NA                        | NA        | NA         | 16                   | 14                           | NA        | NA         | NA                   | 6             | NA        | NA         | 11                   | 47             | 4                                   | 11.75            |
| 1208A-14H-2, 53, to 1209A-4H-5, 55                 | NA                        | NA        | NA         | 8                    | 11                           | NA        | NA         | 8                    | 7             | NA        | NA         | 4                    | 38             | 5                                   | 7.60             |
| 1209A-2H-6, 72, to 1209B-3H-1, 129                 | 12                        | NA        | 0.5        | 14                   | 1.5                          | NA        | 5          | 1                    | 2             | NA        | 9.5        | 0                    | 45.5           | 9                                   | 5.06             |
| 1209A-2H-6, 72, to 1209B-3H-2, 11                  | 6                         | NA        | 7.5        | 3                    | 2                            | NA        | 5          | 5                    | 1.5           | NA        | 6          | 2.5                  | 38.5           | 9                                   | 4.28             |
| 1209A-2H-6, 72, to 1209B-3H-3, 88                  | 3                         | NA        | NA         | 5                    | 5                            | NA        | NA         | 2                    | 4             | NA        | NA         | NA                   | 19             | 5                                   | 3.80             |
| 1209A-2H-6, 72, to 1209B-3H-4, 48                  | 6                         | NA        | NA         | 8.5                  | 12                           | NA        | NA         | 11                   | 3.5           | NA        | NA         | 2                    | 43             | 6                                   | 7.17             |
| 1209A-2H-6, 72, to 1209B-3H-4, 134                 | 19                        | NA        | NA         | 3                    | 7                            | NA        | NA         | 1.5                  | 3.5           | NA        | NA         | 2                    | 36             | 6                                   | 6.00             |
| 1209A-2H-6, 85, to 1209B-3H-1, 129                 | 21                        | NA        | NA         | 21                   | NA                           | NA        | NA         | 4                    | 2.5           | NA        | NA         | 1                    | 49.5           | 5                                   | 9.90             |
| 1209A-2H-6, 85, to 1209B-3H-2, 11                  | 9                         | NA        | NA         | 3.5                  | NA                           | NA        | NA         | 7.5                  | 2.5           | NA        | NA         | 2.5                  | 25             | 5                                   | 5.00             |
| 1209A-2H-6, 85, to 1209B-3H-3, 88                  | 12                        | NA        | NA         | 1                    | NA                           | NA        | NA         | 1                    | 4             | NA        | NA         | NA                   | 18             | 4                                   | 4.50             |
| 1209A-2H-6, 85, to 1209B-3H-4, 48                  | 7                         | NA        | NA         | 10                   | NA                           | NA        | NA         | 1                    | 4             | NA        | NA         | 3                    | 25             | 5                                   | 5.00             |
| 1209A-2H-6, 85, to 1209B-3H-4, 134                 | 11                        | NA        | NA         | 4                    | NA                           | NA        | NA         | 5                    | 2             | NA        | NA         | 3                    | 25             | 5                                   | 5.00             |

Table T4 (continued).

| Correlation: Hole, core,<br>section, interval (cm) | Vesiculated shards blocky |           |            |                      | Lvsv/Lvsmv Lvvhv/Lvvw shards |           |            |                      | Lvu Lvy platy |           |            |                      | Total<br>mpdtp | Total<br>common<br>ternary<br>plots | Average<br>mpdtp |
|----------------------------------------------------|---------------------------|-----------|------------|----------------------|------------------------------|-----------|------------|----------------------|---------------|-----------|------------|----------------------|----------------|-------------------------------------|------------------|
|                                                    | Stained                   | K-stained | Ca-stained | K- and<br>Ca-stained | Stained                      | K-stained | Ca-stained | K- and<br>Ca-stained | Stained       | K-stained | Ca-stained | K- and<br>Ca-stained |                |                                     |                  |
| 1209A-3H-1, 30, to 1209B-3H-1, 129                 | 6                         | NA        | NA         | 3                    | 7.5                          | 15        | NA         | 6                    | 1             | 1.5       | NA         | 1                    | 41             | 8                                   | 5.13             |
| 1209A-3H-1, 30, to 1209B-3H-2, 11                  | 9.5                       | NA        | NA         | 16                   | 7.5                          | NA        | NA         | 11                   | 0.5           | NA        | NA         | 3                    | 47.5           | 6                                   | 7.92             |
| 1209A-3H-1, 30, to 1209B-3H-3, 88                  | 7                         | 8.5       | NA         | 7                    | 3                            | 4         | NA         | 5                    | 1             | 0         | NA         | NA                   | 35.5           | 8                                   | 4.44             |
| 1209A-3H-1, 30, to 1209B-3H-4, 48                  | 2                         | 1.5       | NA         | 8                    | 4                            | 12        | NA         | 2.5                  | 0             | 0.5       | NA         | 2.5                  | 33             | 9                                   | 3.67             |
| 1209A-3H-1, 30, to 1209B-3H-4, 134                 | 5.5                       | 3         | NA         | 10                   | 10.5                         | 22        | NA         | 8                    | 1             | 0         | NA         | 3                    | 63             | 9                                   | 7.00             |
| 1209A-4H-3, 24, to 1209B-4H-6, 104                 | 17.5                      | 1         | NA         | 32                   | 22                           | 7         | NA         | 21                   | 1             | 0         | NA         | 5.5                  | 107            | 9                                   | 11.89            |
| 1209A-4H-3, 24, to 1209B-5H-1, 110                 | 3                         | 18        | NA         | 4                    | 19                           | 5         | NA         | 22                   | 4             | 0         | NA         | 0                    | 75             | 9                                   | 8.33             |
| 1209A-4H-5, 55, to 1209B-4H-6, 104                 | 3                         | 1         | NA         | 1.5                  | 4                            | 4         | NA         | 3                    | 2             | 0         | NA         | 1.5                  | 20             | 9                                   | 2.22             |
| 1209A-4H-5, 55, to 1209B-5H-1, 110                 | 1.5                       | 1         | NA         | 1                    | 1                            | 2.5       | NA         | 2                    | 2             | 0         | NA         | 7                    | 18             | 9                                   | 2.00             |
| 1209B-4H-6, 104, to 1210A-5H-6, 102                | 2                         | 10        | NA         | 0                    | 4                            | 2         | NA         | 3                    | 4             | 0         | NA         | 4.5                  | 29.5           | 9                                   | 3.28             |
| 1209B-4H-6, 104, to 1210A-5H-6, 106                | 1.5                       | 10        | NA         | 2                    | 1.5                          | 2         | NA         | 3                    | 4             | 0         | NA         | 5                    | 29             | 9                                   | 3.22             |
| 1209B-5H-1, 110, to 1210A-5H-6, 102                | 1                         | 10        | NA         | 1                    | 2                            | 3         | NA         | 1.5                  | 0             | 0         | NA         | 1                    | 19.5           | 9                                   | 2.17             |
| 1209B-5H-1, 110, to 1210A-5H-6, 106                | 1                         | 2.5       | NA         | 1                    | 0                            | 3         | NA         | 1.5                  | 4.5           | 0         | NA         | 0.5                  | 14             | 9                                   | 1.56             |
| 1210A-11H-1, 142, to 1210B-10H-6, 42               | 6                         | 2.5       | NA         | 19                   | 0.5                          | 7         | NA         | 19                   | 5             | 5         | NA         | 0                    | 64             | 9                                   | 7.11             |
| 1211B-3H-4, 111, to 1212A-4H-4, 37                 | 3                         | 2         | NA         | 2.5                  | 0.5                          | 3         | NA         | 0                    | 0             | 1         | NA         | 1                    | 13             | 9                                   | 1.44             |
| 1212A-2H-6, 77, to 1212B-2H-7, 65                  | 0.5                       | NA        | NA         | 1                    | 0.5                          | NA        | NA         | 1                    | 2             | NA        | NA         | 1                    | 6              | 6                                   | 1.00             |
| 1212A-2H-6, 77, to 1212B-3H-1, 144                 | 5                         | NA        | NA         | 4                    | 2                            | NA        | NA         | 9                    | 1             | NA        | NA         | 0.5                  | 21.5           | 6                                   | 3.58             |
| 1212A-2H-6, 77, to 1212B-3H-3, 12                  | 1                         | NA        | NA         | 6                    | 8                            | NA        | NA         | 14                   | 0.5           | NA        | NA         | 0                    | 29.5           | 6                                   | 4.92             |
| 1212A-3H-1, 92, to 1212B-2H-7, 65                  | 5.5                       | 1         | NA         | 5                    | 4                            | 8         | NA         | 9                    | 0.5           | 0         | NA         | 3.5                  | 36.5           | 9                                   | 4.06             |
| 1212A-3H-1, 92, to 1212B-3H-1, 144                 | 6                         | 3         | NA         | 9                    | 4                            | 4         | NA         | 1                    | 0.5           | 0         | NA         | 0.5                  | 28             | 9                                   | 3.11             |
| 1212A-3H-1, 92, to 1212B-3H-3, 12                  | 4                         | 7         | NA         | 3                    | 9                            | 7         | NA         | 4                    | 0.5           | NA        | NA         | 0.5                  | 35             | 8                                   | 4.38             |
| 1212A-3H-2, 95, to 1212B-2H-7, 65                  | 1.5                       | 8         | NA         | 5                    | 0.5                          | 6         | NA         | 12                   | 2             | 0         | NA         | 1                    | 36             | 9                                   | 4.00             |
| 1212A-3H-2, 95, to 1212B-3H-1, 144                 | 5.5                       | 5         | NA         | 9                    | 0                            | 1.5       | NA         | 3                    | 0             | 0         | NA         | 0                    | 24             | 9                                   | 2.67             |
| 1212A-3H-2, 95, to 1212B-3H-3, 12                  | 1                         | 1         | NA         | 6                    | 0                            | 1.5       | NA         | 1                    | 0.5           | NA        | NA         | 0                    | 11             | 8                                   | 1.38             |
| 1212A-4H-4, 37, to 1212B-4H-4, 58                  | 2.5                       | 1         | NA         | 4                    | 2                            | 5         | NA         | 3                    | 0             | 1         | NA         | 1.5                  | 20             | 9                                   | 2.22             |
| 1212A-4H-4, 37, to 1213A-5R-2, 39                  | 3                         | 2.5       | NA         | 8.5                  | 1                            | 5         | NA         | 3                    | 1             | 1         | NA         | 0.5                  | 25.5           | 9                                   | 2.83             |
| 1212B-4H-4, 58, to 1213A-5R-2, 39                  | 0.5                       | 3.5       | NA         | 1                    | 2.5                          | 9.5       | NA         | 5                    | 1             | 0         | NA         | 0.5                  | 23.5           | 9                                   | 2.61             |
| 1208A-10H-2, 112, to 1208A-13H-2, 54               | 0.5                       | NA        | NA         | 2                    | 17                           | NA        | NA         | 17.5                 | 0.5           | NA        | NA         | 2                    | 39.5           | 6                                   | 6.58             |
| 1208A-10H-2, 112, to 1208A-13H-5, 83               | 1                         | 18        | NA         | 3                    | 8                            | 4         | NA         | 8.5                  | 2             | NA        | NA         | 1                    | 45.5           | 8                                   | 5.69             |
| 1208A-10H-2, 112, to 1208A-14H-2, 53               | 18                        | NA        | NA         | 16                   | 12                           | NA        | NA         | 12                   | 4             | NA        | NA         | 2.5                  | 64.5           | 6                                   | 10.75            |
| 1208A-10H-2, 115, to 1208A-13H-2, 54               | 6.5                       | NA        | NA         | 9                    | 6.5                          | NA        | NA         | 5                    | 2             | NA        | NA         | 4.5                  | 33.5           | 6                                   | 5.58             |
| 1208A-10H-2, 115, to 1208A-13H-5, 83               | 5.5                       | NA        | 32         | 10                   | 0.5                          | NA        | 40         | 5                    | 0.5           | NA        | NA         | 1                    | 94.5           | 8                                   | 11.81            |
| 1208A-10H-2, 115, to 1208A-14H-2, 53               | 8                         | NA        | 18         | 11                   | 4                            | NA        | 14         | 1                    | 8             | NA        | NA         | 0.5                  | 64.5           | 8                                   | 8.06             |
| 1208A-5H-2, 1, to 1212A-2H-6, 77                   | 7.5                       | NA        | NA         | NA                   | 8.5                          | NA        | NA         | 0                    | 0.5           | NA        | NA         | 3                    | 19.5           | 5                                   | 3.90             |
| 1208A-5H-2, 1, to 1212A-3H-1, 92                   | 4                         | 1.5       | NA         | NA                   | 2                            | NA        | NA         | 6.5                  | 0             | 0         | NA         | 3.5                  | 17.5           | 7                                   | 2.50             |
| 1208A-5H-2, 1, to 1212A-3H-2, 95                   | 10                        | 10.5      | NA         | NA                   | 6                            | NA        | NA         | 12                   | 1.5           | 0         | NA         | 3.5                  | 43.5           | 7                                   | 6.21             |
| 1208A-5H-6, 30, to 1212A-2H-6, 77                  | 2                         | NA        | 12         | 2                    | 2                            | NA        | 8.5        | 1                    | 2             | NA        | 1.5        | 4                    | 35             | 9                                   | 3.89             |
| 1208A-5H-6, 30, to 1212A-3H-1, 92                  | 16                        | NA        | NA         | 9                    | 1.5                          | 2.5       | NA         | 21                   | 8             | NA        | NA         | 4.5                  | 62.5           | 7                                   | 8.93             |
| 1208A-5H-6, 30, to 1212A-3H-2, 95                  | 24                        | NA        | NA         | 12.5                 | 11                           | 8.5       | NA         | 28                   | 8             | NA        | NA         | 10.5                 | 102.5          | 7                                   | 14.64            |
| 1208A-13H-2, 54, to 1212A-4H-4, 37                 | 5                         | NA        | NA         | 1                    | 13                           | NA        | NA         | 21                   | 6.5           | NA        | NA         | 6                    | 52.5           | 6                                   | 8.75             |

Table T4 (continued).

| Correlation: Hole, core,<br>section, interval (cm) | Vesiculated shards blocky |           |            |                      | Lvsv/Lvsmv Lvvhv/Lvww shards |           |            |                      | Lvu Lvy platy |           |            |                      | Total<br>mpdtp | Total<br>common<br>ternary<br>plots | Average<br>mpdtp |
|----------------------------------------------------|---------------------------|-----------|------------|----------------------|------------------------------|-----------|------------|----------------------|---------------|-----------|------------|----------------------|----------------|-------------------------------------|------------------|
|                                                    | Stained                   | K-stained | Ca-stained | K- and<br>Ca-stained | Stained                      | K-stained | Ca-stained | K- and<br>Ca-stained | Stained       | K-stained | Ca-stained | K- and<br>Ca-stained |                |                                     |                  |
| 1208A-13H-5, 83, to 1212A-4H-4, 37                 | 4                         | 34        | NA         | 1                    | 4                            | 12        | NA         | 11                   | 9             | NA        | NA         | 9                    | 84             | 8                                   | 10.50            |
| 1208A-14H-2, 53, to 1212A-4H-4, 37                 | 9.5                       | NA        | NA         | 13                   | 8                            | NA        | NA         | 14.5                 | 10            | NA        | NA         | 11                   | 66             | 6                                   | 11.00            |
| 1208A-27H-1, 114, to 1210A-11H-1, 142              | 0                         | 1         | NA         | 3                    | 18.5                         | 33        | NA         | 1                    | 17            | 15        | NA         | 7                    | 95.5           | 9                                   | 10.61            |
| 1208A-27H-1, 114, to 1210B-10H-6, 42               | 5                         | 3.5       | NA         | 9                    | 1.5                          | 40        | NA         | 1.5                  | 7             | 0         | NA         | 7                    | 74.5           | 9                                   | 8.28             |
| 1208A-27H-1, 114, to 1212B-7-1, 49                 | 2                         | 0         | NA         | 1                    | 14                           | NA        | NA         | 13                   | 7             | NA        | NA         | 7                    | 44             | 7                                   | 6.29             |
| 1209A-4H-3, 24, to 1212A-4H-4, 37                  | 16                        | 19.5      | NA         | 6                    | 13.5                         | 6         | NA         | 32.5                 | 3.5           | 1         | NA         | 0                    | 98             | 10                                  | 9.80             |
| 1209A-4H-5, 55, to 1212A-4H-4, 37                  | 3.5                       | 1         | NA         | 2.5                  | 2.5                          | 0.5       | NA         | 3.5                  | 2.5           | 0.5       | NA         | 2                    | 18.5           | 9                                   | 2.06             |
| 1209A-2H-6, 72, to 1212A-4H-4, 37                  | 12                        | NA        | 7.5        | 5.5                  | 7                            | NA        | 6          | 9                    | 2.5           | NA        | 3.5        | 2.5                  | 55.5           | 9                                   | 6.17             |
| 1209A-2H-6, 72, to 1212A-3H-1, 92                  | 16.5                      | NA        | NA         | 12.5                 | 5                            | NA        | NA         | 16                   | 3.5           | NA        | NA         | 2.5                  | 56             | 6                                   | 9.33             |
| 1209A-2H-6, 72, to 1212A-3H-2, 95                  | 24.5                      | NA        | NA         | 15.5                 | 15.5                         | NA        | NA         | 11                   | 3.5           | NA        | NA         | 2.5                  | 72.5           | 6                                   | 12.08            |
| 1209A-2H-6, 85, to 1212A-2H-6, 72                  | 2                         | NA        | NA         | 0.5                  | NA                           | NA        | NA         | 5.5                  | 3             | NA        | NA         | 3                    | 14             | 5                                   | 2.80             |
| 1209A-2H-6, 85, to 1212A-3H-1, 92                  | 7.5                       | 0.5       | NA         | 6.5                  | NA                           | 19.5      | NA         | 27.5                 | 4             | 0         | NA         | 3                    | 68.5           | 9                                   | 7.61             |
| 1209A-2H-6, 85, to 1212A-3H-2, 95                  | 15.5                      | 7         | NA         | 9.5                  | NA                           | 10        | NA         | 22.5                 | 4             | 0         | NA         | 3                    | 71.5           | 8                                   | 8.94             |
| 1209A-3H-1, 30, to 1212A-2H-6, 72                  | 2.5                       | NA        | NA         | 3                    | 1                            | NA        | NA         | 2.5                  | 0             | NA        | NA         | 2.5                  | 11.5           | 6                                   | 1.92             |
| 1209A-3H-1, 30, to 1212A-3H-1, 92                  | 7.5                       | 2         | NA         | 6                    | 7                            | 4         | NA         | 7                    | 0             | 0         | NA         | 2.5                  | 36             | 9                                   | 4.00             |
| 1209A-3H-1, 30, to 1212A-3H-2, 95                  | 15.5                      | 4.5       | NA         | 6                    | 10                           | 10        | NA         | 11.5                 | 0             | 0         | NA         | 2.5                  | 60             | 9                                   | 6.67             |
| 1209B-3H-1, 129, to 1212A-2H-6, 77                 | 8.5                       | NA        | 0.5        | 11.5                 | 2                            | NA        | 1.5        | 1.5                  | 0.5           | NA        | 1          | 2                    | 29             | 9                                   | 3.22             |
| 1209B-3H-1, 129, to 1212A-3H-1, 92                 | 14                        | 29        | NA         | 3.5                  | 3.5                          | 18        | NA         | 7.5                  | 1             | 1         | NA         | 2                    | 79.5           | 9                                   | 8.83             |
| 1209B-3H-1, 129, to 1212A-3H-2, 95                 | 7.5                       | 20        | NA         | 4                    | 1                            | 12        | NA         | 9.5                  | 1.5           | 1         | NA         | 1.5                  | 58             | 9                                   | 6.44             |
| 1209B-3H-2, 11, to 1212A-2H-6, 77                  | 7                         | NA        | 1          | 2.5                  | 5.5                          | NA        | 1          | 12.5                 | 1             | NA        | 4.5        | NA                   | 35             | 8                                   | 4.38             |
| 1209B-3H-2, 11, to 1212A-3H-1, 92                  | 17                        | NA        | NA         | 12.5                 | 12                           | NA        | NA         | 4                    | 0.5           | NA        | NA         | NA                   | 46             | 5                                   | 9.20             |
| 1209B-3H-2, 11, to 1212A-3H-2, 95                  | 13                        | NA        | NA         | 12.5                 | 8                            | NA        | NA         | 1.5                  | 0             | NA        | NA         | NA                   | 35             | 5                                   | 7.00             |
| 1209B-3H-3, 88, to 1212A-2H-6, 77                  | 13.5                      | NA        | NA         | 0                    | 0.5                          | NA        | NA         | 6.5                  | 0.5           | NA        | NA         | 0                    | 21             | 6                                   | 3.50             |
| 1209B-3H-3, 88, to 1212A-3H-1, 92                  | 0.5                       | 1.5       | NA         | 3.5                  | 12                           | 17.5      | NA         | 0                    | 0             | 0         | NA         | 0                    | 35             | 9                                   | 3.89             |
| 1209B-3H-3, 88, to 1212A-3H-2, 95                  | 14.5                      | 6         | NA         | 3.5                  | 7                            | 12.5      | NA         | 3.5                  | 0             | 0         | NA         | 0                    | 47             | 9                                   | 5.22             |
| 1209B-3H-4, 48, to 1212A-2H-6, 77                  | 13.5                      | NA        | NA         | 12                   | 15.5                         | NA        | NA         | 8.5                  | 0.5           | NA        | NA         | 0                    | 50             | 6                                   | 8.33             |
| 1209B-3H-4, 48, to 1212A-3H-1, 92                  | 1                         | 1         | NA         | 3                    | 4                            | 4.5       | NA         | 7.5                  | 0             | 0         | NA         | 0                    | 21             | 9                                   | 2.33             |
| 1209B-3H-4, 48, to 1212A-3H-2, 95                  | 9                         | 4         | NA         | 1                    | 3.5                          | 10.5      | NA         | 0.5                  | 0             | 0         | NA         | 0                    | 28.5           | 9                                   | 3.17             |
| 1209B-3H-4, 134, to 1212A-2H-6, 77                 | 8                         | NA        | NA         | 18                   | 6                            | NA        | NA         | 3                    | 1             | NA        | NA         | 0                    | 36             | 6                                   | 6.00             |
| 1209B-3H-4, 134, to 1212A-3H-1, 92                 | 3                         | 4.5       | NA         | 0.5                  | 0.5                          | 7.5       | NA         | 6.5                  | 1             | 0         | NA         | 0                    | 23.5           | 9                                   | 2.61             |
| 1209B-3H-4, 134, to 1212A-3H-2, 95                 | 2                         | 3         | NA         | 4                    | 6.5                          | 6.5       | NA         | 8.5                  | 1             | 0         | NA         | NA                   | 31.5           | 8                                   | 3.94             |
| 1211B-3H-4, 111, to 1212B-4H-4, 58                 | 2                         | 2.5       | NA         | 3.5                  | 4.5                          | 4         | NA         | 1.5                  | 0             | 0         | NA         | 0.5                  | 18.5           | 9                                   | 2.06             |
| 1211B-3H-4, 111, to 1213A-5R-2, 39                 | 1                         | 0         | NA         | 0.5                  | 7                            | 1.5       | NA         | 5.5                  | 1             | 0         | NA         | 1                    | 17.5           | 9                                   | 1.94             |

Notes: mpdtp = minimum percent difference on ternary plot. Total percentage is used to rank goodness of correlations shown in Figures F9, p.18, and F10, p.19. The average mpdtp was calculated by dividing the sum of the total mpdtp by the total number of ternary plots that the samples being correlated appeared on (i.e., "common" ternary plots). NA = not applicable.