

Table R1. U/Pb isotopic ages from granitoids, Arteaga-Tumbiscatío region Zihuatanejo terrane, Guerrero Composite.

| Grain<br>size $\mu$  | WT.<br>( $\mu$ g) | U<br>(ppm) | Pb<br>(ppm) | Pbc<br>(pg) | 206Pb/204Pb<br>(raw) | 206Pb/204Pb<br>(corr) | 206Pb/207Pb | 206/208<br>(corr) | APPARENT AGES (Ma) |             |               |     |     |    |
|--|-------------------|------------|-------------|-------------|----------------------|-----------------------|-------------|-------------------|--------------------|-------------|---------------|-----|-----|----|
|  |                   |            |             |             |                      |                       |             |                   | 206Pb*/238U        | 207Pb*/235U | 207Pb*/206Pb* |     |     |    |
| <i>Macias granitoid Jurassic magmatic event</i>              |                   |            |             |             |                      |                       |             |                   |                    |             |               |     |     |    |
| 63-80  | 65                | 720        | 17.8        | 27          | 2800                 | 4420                  |             | 13.5              | 162.1              | 0.7         | 162           | 1.1 | 161 | 12 |
| 125-145  | 46                | 660        | 16.6        | 29          | 1720                 | 2620                  |             | 12.3              | 162.8              | 0.9         | 163.2         | 1.5 | 169 | 16 |
| 125-145  | 52                | 397        | 10          | 20          | 1695                 | 3350                  |             | 12.3              | 163.1              | 1.1         | 163.5         | 1.7 | 169 | 16 |
| 100-125  | 75                | 550        | 14          | 51          | 1340                 | 1665                  |             | 12.4              | 163.5              | 0.7         | 164.3         | 1.8 | 177 | 20 |
| <i>El Pedregoso granitoid Late Cretaceous magmatic event</i> |                   |            |             |             |                      |                       |             |                   |                    |             |               |     |     |    |
| 30-45  | 0.34              | 391.2      | 6.9         |             | 1130                 |                       | 16.41       |                   | 105.8              | 0.3         | 106           | 0.5 | 111 | 8  |
| 30-45  | 1.15              | 388.4      | 6.9         |             | 4900                 |                       | 19.55       |                   | 108.5              | 0.4         | 108.7         | 0.5 | 113 | 6  |
| 63-100   | 1.12              | 472.7      | 8.1         |             | 2200                 |                       | 18.3        |                   | 104.6              | 0.4         | 104.6         | 0.5 | 104 | 7  |
| 100-125  | 1.19              | 190.8      | 3.6         |             | 965                  |                       | 15.75       |                   | 111.8              | 0.4         | 112.3         | 0.7 | 122 | 9  |
| 125-175  | 1.01              | 214.4      | 3.8         |             | 2070                 |                       | 18.06       |                   | 108.5              | 0.3         | 109.1         | 0.4 | 122 | 5  |
| 174-350a   | 0.62              | 167.9      | 3.1         |             | 1770                 |                       | 17.7        |                   | 110.8              | 0.3         | 111.4         | 0.6 | 124 | 9  |

Analyses correspond to zircon populations of different sizes.

\* Radiogenic Pb, a = abraded in air abrasion device to 1/2 of original diameter.

Table R2. U-Pb (zircon) geochronologic analyses by Laser-Ablation Multicollector ICP Mass Spectrometry

| U<br>(ppm)                   | Isotopic ratios |       |                |          |                |          |                | Apparent ages (Ma) |           |                |           | Best<br>age<br>(Ma) | ±<br>(Ma) |                  |           |
|------------------------------|-----------------|-------|----------------|----------|----------------|----------|----------------|--------------------|-----------|----------------|-----------|---------------------|-----------|------------------|-----------|
|                              | 206Pb<br>204Pb  | U/Th  | 207Pb*<br>235U | ±<br>(%) | 206Pb*<br>238U | ±<br>(%) | error<br>corr. | 206Pb*<br>238U     | ±<br>(Ma) | 207Pb*<br>235U | ±<br>(Ma) |                     |           | 206Pb*<br>207Pb* | ±<br>(Ma) |
| Sample 18 Playitas Formation |                 |       |                |          |                |          |                |                    |           |                |           |                     |           |                  |           |
| 167                          | 1604            | 105.6 | 0.04146        | 26.0     | 0.00652        | 4.1      | 0.2            | 41.9               | 1.7       | 41.2           | 10.5      | 4.2                 | 626.4     | 41.9             | 1.7       |
| 73                           | 658             | 1.5   | 0.04725        | 48.0     | 0.00889        | 4.6      | 0.1            | 57.0               | 2.6       | 46.9           | 22.0      | -446.6              | 1325.4    | 57.0             | 2.6       |
| 310                          | 3865            | 1.9   | 0.09990        | 8.9      | 0.01513        | 1.6      | 0.2            | 96.8               | 1.5       | 96.7           | 8.2       | 94.0                | 208.5     | 96.8             | 1.5       |
| 454                          | 5833            | 1.4   | 0.09751        | 3.8      | 0.01524        | 1.6      | 0.4            | 97.5               | 1.6       | 94.5           | 3.4       | 19.1                | 83.2      | 97.5             | 1.6       |
| 441                          | 5509            | 0.9   | 0.10111        | 5.5      | 0.01535        | 4.3      | 0.8            | 98.2               | 4.2       | 97.8           | 5.2       | 87.9                | 82.6      | 98.2             | 4.2       |
| 504                          | 7747            | 0.8   | 0.10828        | 3.9      | 0.01601        | 1.1      | 0.3            | 102.4              | 1.1       | 104.4          | 3.9       | 150.5               | 87.7      | 102.4            | 1.1       |
| 275                          | 4101            | 2.3   | 0.10821        | 6.3      | 0.01617        | 1.1      | 0.2            | 103.4              | 1.1       | 104.3          | 6.2       | 125.5               | 145.3     | 103.4            | 1.1       |
| 172                          | 2183            | 1.4   | 0.11074        | 8.6      | 0.01624        | 2.0      | 0.2            | 103.8              | 2.1       | 106.6          | 8.7       | 169.7               | 194.8     | 103.8            | 2.1       |
| 111                          | 1617            | 0.6   | 0.11366        | 15.0     | 0.01658        | 2.5      | 0.2            | 106.0              | 2.7       | 109.3          | 15.5      | 181.3               | 346.3     | 106.0            | 2.7       |
| 91                           | 1510            | 1.5   | 0.11253        | 16.9     | 0.01824        | 2.9      | 0.2            | 116.5              | 3.3       | 108.3          | 17.4      | -69.1               | 409.7     | 116.5            | 3.3       |
| 58                           | 1015            | 2.0   | 0.18195        | 16.0     | 0.01879        | 3.5      | 0.2            | 120.0              | 4.2       | 169.7          | 25.1      | 934.6               | 322.7     | 120.0            | 4.2       |
| 129                          | 2220            | 2.3   | 0.12828        | 9.8      | 0.01908        | 1.9      | 0.2            | 121.8              | 2.3       | 122.5          | 11.3      | 136.6               | 226.9     | 121.8            | 2.3       |
| 287                          | 3175            | 4.1   | 0.17954        | 8.7      | 0.02467        | 1.8      | 0.2            | 157.1              | 2.8       | 167.7          | 13.4      | 319.7               | 193.3     | 157.1            | 2.8       |
| 271                          | 3676            | 2.0   | 0.17910        | 5.4      | 0.02479        | 3.6      | 0.7            | 157.9              | 5.7       | 167.3          | 8.4       | 302.5               | 91.8      | 157.9            | 5.7       |
| 389                          | 8370            | 1.3   | 0.18083        | 2.4      | 0.02565        | 1.1      | 0.5            | 163.3              | 1.8       | 168.8          | 3.8       | 246.7               | 49.7      | 163.3            | 1.8       |
| 265                          | 4956            | 2.2   | 0.19729        | 4.2      | 0.02770        | 2.0      | 0.5            | 176.1              | 3.5       | 182.8          | 7.0       | 270.6               | 84.2      | 176.1            | 3.5       |
| 472                          | 8668            | 1.5   | 0.23172        | 3.5      | 0.03289        | 1.5      | 0.4            | 208.6              | 3.0       | 211.6          | 6.6       | 245.4               | 72.4      | 208.6            | 3.0       |
| 201                          | 6349            | 2.1   | 0.25614        | 4.2      | 0.03489        | 1.7      | 0.4            | 221.1              | 3.6       | 231.6          | 8.8       | 339.5               | 88.4      | 221.1            | 3.6       |
| 62                           | 1693            | 1.2   | 0.26197        | 7.6      | 0.03770        | 1.5      | 0.2            | 238.6              | 3.6       | 236.3          | 16.1      | 213.2               | 173.5     | 238.6            | 3.6       |
| 267                          | 5967            | 1.1   | 0.28132        | 4.1      | 0.03793        | 2.8      | 0.7            | 240.0              | 6.7       | 251.7          | 9.1       | 362.2               | 66.4      | 240.0            | 6.7       |
| 318                          | 9353            | 0.9   | 0.26918        | 4.0      | 0.03847        | 2.4      | 0.6            | 243.4              | 5.8       | 242.0          | 8.6       | 229.3               | 73.1      | 243.4            | 5.8       |
| 150                          | 4393            | 1.1   | 0.28323        | 5.5      | 0.03850        | 2.1      | 0.4            | 243.5              | 4.9       | 253.2          | 12.2      | 344.1               | 114.4     | 243.5            | 4.9       |
| 278                          | 8727            | 1.2   | 0.27504        | 2.5      | 0.03851        | 1.5      | 0.6            | 243.6              | 3.7       | 246.7          | 5.4       | 276.3               | 43.5      | 243.6            | 3.7       |
| 228                          | 6071            | 0.9   | 0.28161        | 2.9      | 0.03871        | 1.1      | 0.4            | 244.8              | 2.6       | 251.9          | 6.5       | 318.4               | 61.2      | 244.8            | 2.6       |
| 142                          | 5151            | 1.0   | 0.27813        | 5.0      | 0.03912        | 1.5      | 0.3            | 247.3              | 3.6       | 249.2          | 10.9      | 266.4               | 108.4     | 247.3            | 3.6       |
| 94                           | 3724            | 1.0   | 0.28010        | 5.1      | 0.03953        | 1.7      | 0.3            | 249.9              | 4.2       | 250.7          | 11.4      | 258.6               | 110.8     | 249.9            | 4.2       |
| 121                          | 3910            | 1.1   | 0.28462        | 4.4      | 0.04093        | 1.0      | 0.2            | 258.6              | 2.5       | 254.3          | 9.9       | 214.8               | 98.9      | 258.6            | 2.5       |
| 278                          | 9804            | 1.3   | 0.29439        | 3.0      | 0.04121        | 1.0      | 0.3            | 260.3              | 2.6       | 262.0          | 7.0       | 277.1               | 65.7      | 260.3            | 2.6       |
| 171                          | 6234            | 0.8   | 0.29253        | 5.6      | 0.04145        | 3.6      | 0.6            | 261.8              | 9.2       | 260.6          | 12.8      | 249.3               | 98.3      | 261.8            | 9.2       |
| 238                          | 9851            | 1.1   | 0.32080        | 3.2      | 0.04267        | 2.4      | 0.8            | 269.4              | 6.2       | 282.5          | 7.8       | 392.7               | 46.7      | 269.4            | 6.2       |
| 118                          | 4940            | 2.3   | 0.32520        | 6.4      | 0.04384        | 1.3      | 0.2            | 276.6              | 3.4       | 285.9          | 15.9      | 362.5               | 141.1     | 276.6            | 3.4       |
| 273                          | 10331           | 1.0   | 0.32506        | 2.8      | 0.04492        | 1.9      | 0.7            | 283.3              | 5.2       | 285.8          | 6.9       | 306.3               | 45.6      | 283.3            | 5.2       |
| 455                          | 16237           | 2.1   | 0.33249        | 2.6      | 0.04630        | 2.0      | 0.8            | 291.8              | 5.7       | 291.5          | 6.7       | 289.0               | 39.2      | 291.8            | 5.7       |

|      |        |     |         |      |         |     |     |        |      |        |      |        |       |        |      |
|------|--------|-----|---------|------|---------|-----|-----|--------|------|--------|------|--------|-------|--------|------|
| 175  | 7783   | 2.8 | 0.33931 | 3.3  | 0.04664 | 2.2 | 0.7 | 293.9  | 6.4  | 296.6  | 8.4  | 318.5  | 54.6  | 293.9  | 6.4  |
| 135  | 7710   | 1.1 | 0.44583 | 4.3  | 0.05972 | 1.5 | 0.4 | 373.9  | 5.5  | 374.4  | 13.4 | 376.9  | 90.0  | 373.9  | 5.5  |
| 167  | 9983   | 2.1 | 0.58047 | 1.7  | 0.07308 | 1.3 | 0.8 | 454.7  | 5.7  | 464.8  | 6.2  | 514.8  | 22.2  | 454.7  | 5.7  |
| 97   | 6779   | 1.1 | 0.59730 | 5.7  | 0.07580 | 3.4 | 0.6 | 471.0  | 15.3 | 475.5  | 21.7 | 497.3  | 101.9 | 471.0  | 15.3 |
| 203  | 12260  | 0.7 | 0.61542 | 2.2  | 0.07592 | 1.1 | 0.5 | 471.7  | 5.1  | 487.0  | 8.6  | 559.2  | 42.2  | 471.7  | 5.1  |
| 64   | 2754   | 0.8 | 0.65458 | 10.8 | 0.07697 | 2.2 | 0.2 | 478.0  | 10.0 | 511.3  | 43.5 | 662.9  | 227.9 | 478.0  | 10.0 |
| 201  | 13153  | 1.3 | 0.62284 | 2.5  | 0.07853 | 1.8 | 0.7 | 487.3  | 8.4  | 491.6  | 9.9  | 511.7  | 39.4  | 487.3  | 8.4  |
| 173  | 10907  | 2.5 | 0.62913 | 3.1  | 0.07994 | 2.2 | 0.7 | 495.8  | 10.5 | 495.6  | 12.0 | 494.6  | 47.0  | 495.8  | 10.5 |
| 83   | 6071   | 0.9 | 0.68705 | 5.3  | 0.08574 | 1.8 | 0.3 | 530.3  | 9.3  | 531.0  | 22.1 | 534.0  | 109.7 | 530.3  | 9.3  |
| 363  | 27007  | 2.0 | 0.69330 | 2.3  | 0.08608 | 1.8 | 0.8 | 532.3  | 9.4  | 534.8  | 9.6  | 545.3  | 30.6  | 532.3  | 9.4  |
| 186  | 10262  | 2.2 | 0.69717 | 3.4  | 0.08696 | 3.0 | 0.9 | 537.6  | 15.5 | 537.1  | 14.3 | 535.2  | 36.1  | 537.6  | 15.5 |
| 179  | 14785  | 5.9 | 0.84123 | 4.8  | 0.08773 | 4.4 | 0.9 | 542.1  | 22.6 | 619.8  | 22.4 | 915.0  | 42.4  | 542.1  | 22.6 |
| 494  | 37870  | 1.3 | 0.71839 | 1.4  | 0.08933 | 1.0 | 0.7 | 551.6  | 5.3  | 549.7  | 6.0  | 542.0  | 21.9  | 551.6  | 5.3  |
| 79   | 6975   | 0.9 | 0.75021 | 2.6  | 0.09221 | 1.0 | 0.4 | 568.6  | 5.4  | 568.3  | 11.5 | 567.3  | 53.3  | 568.6  | 5.4  |
| 78   | 5167   | 0.7 | 0.79307 | 4.4  | 0.09482 | 1.6 | 0.4 | 584.0  | 8.7  | 592.9  | 19.9 | 627.3  | 89.2  | 584.0  | 8.7  |
| 393  | 32671  | 4.7 | 0.81312 | 1.8  | 0.09779 | 1.5 | 0.8 | 601.5  | 8.9  | 604.2  | 8.4  | 614.5  | 21.6  | 601.5  | 8.9  |
| 110  | 8578   | 0.7 | 0.81246 | 1.9  | 0.09883 | 1.0 | 0.5 | 607.6  | 5.8  | 603.8  | 8.5  | 589.9  | 34.5  | 607.6  | 5.8  |
| 111  | 10450  | 0.5 | 0.82800 | 1.9  | 0.09916 | 1.0 | 0.5 | 609.5  | 5.8  | 612.5  | 8.8  | 623.5  | 35.2  | 609.5  | 5.8  |
| 268  | 25866  | 0.5 | 0.84017 | 1.5  | 0.10075 | 1.0 | 0.7 | 618.8  | 5.9  | 619.2  | 7.0  | 620.8  | 24.7  | 618.8  | 5.9  |
| 140  | 11761  | 2.5 | 1.08696 | 4.9  | 0.11140 | 4.3 | 0.9 | 680.9  | 27.5 | 747.0  | 25.7 | 950.7  | 48.4  | 680.9  | 27.5 |
| 238  | 26055  | 2.5 | 1.31989 | 5.1  | 0.13805 | 4.9 | 1.0 | 833.6  | 38.6 | 854.5  | 29.2 | 908.9  | 22.9  | 833.6  | 38.6 |
| 47   | 6111   | 2.3 | 1.43582 | 3.8  | 0.14326 | 2.9 | 0.8 | 863.1  | 23.6 | 904.0  | 22.5 | 1005.3 | 47.9  | 863.1  | 23.6 |
| 254  | 30789  | 1.6 | 1.43785 | 2.7  | 0.14702 | 2.3 | 0.8 | 884.3  | 19.2 | 904.8  | 16.4 | 955.4  | 29.7  | 884.3  | 19.2 |
| 269  | 32656  | 2.1 | 1.50900 | 2.3  | 0.15578 | 2.0 | 0.9 | 933.3  | 17.7 | 934.0  | 13.8 | 935.9  | 20.5  | 933.3  | 17.7 |
| 101  | 14613  | 0.9 | 1.57402 | 1.9  | 0.16071 | 1.5 | 0.8 | 960.7  | 13.3 | 960.0  | 12.1 | 958.3  | 25.5  | 960.7  | 13.3 |
| 110  | 16283  | 2.0 | 1.64729 | 2.1  | 0.16518 | 1.8 | 0.8 | 985.5  | 16.1 | 988.5  | 13.1 | 995.2  | 22.2  | 985.5  | 16.1 |
| 81   | 12391  | 1.6 | 1.71266 | 1.8  | 0.17225 | 1.0 | 0.6 | 1024.5 | 9.9  | 1013.3 | 11.8 | 989.1  | 30.6  | 989.1  | 30.6 |
| 34   | 5349   | 1.7 | 1.74772 | 5.3  | 0.17419 | 4.6 | 0.9 | 1035.1 | 43.7 | 1026.3 | 34.4 | 1007.6 | 55.1  | 1007.6 | 55.1 |
| 428  | 39822  | 3.5 | 1.70537 | 2.1  | 0.16971 | 1.8 | 0.9 | 1010.5 | 17.0 | 1010.5 | 13.3 | 1010.6 | 20.3  | 1010.6 | 20.3 |
| 1834 | 89851  | 4.0 | 1.67156 | 6.7  | 0.16536 | 6.6 | 1.0 | 986.5  | 60.4 | 997.8  | 42.5 | 1022.7 | 20.3  | 1022.7 | 20.3 |
| 158  | 25255  | 3.9 | 1.80436 | 3.1  | 0.17792 | 2.9 | 0.9 | 1055.6 | 28.6 | 1047.0 | 20.3 | 1029.2 | 20.3  | 1029.2 | 20.3 |
| 60   | 8219   | 1.3 | 1.69167 | 3.0  | 0.16610 | 1.8 | 0.6 | 990.6  | 16.7 | 1005.4 | 19.0 | 1037.8 | 47.5  | 1037.8 | 47.5 |
| 42   | 6390   | 1.2 | 1.71475 | 3.1  | 0.16758 | 1.6 | 0.5 | 998.8  | 14.3 | 1014.1 | 19.6 | 1047.2 | 53.2  | 1047.2 | 53.2 |
| 139  | 23526  | 1.7 | 1.86739 | 1.4  | 0.18090 | 1.0 | 0.7 | 1071.9 | 10.3 | 1069.6 | 9.6  | 1065.0 | 20.2  | 1065.0 | 20.2 |
| 67   | 12435  | 1.6 | 1.82152 | 3.5  | 0.17579 | 2.7 | 0.8 | 1044.0 | 25.9 | 1053.2 | 23.0 | 1072.5 | 45.4  | 1072.5 | 45.4 |
| 1132 | 102789 | 7.5 | 1.73834 | 2.6  | 0.16666 | 2.4 | 0.9 | 993.7  | 22.0 | 1022.8 | 16.7 | 1085.8 | 20.0  | 1085.8 | 20.0 |
| 163  | 25922  | 2.4 | 2.01524 | 1.4  | 0.18965 | 1.0 | 0.7 | 1119.5 | 10.3 | 1120.7 | 9.6  | 1122.9 | 20.0  | 1122.9 | 20.0 |
| 275  | 37562  | 3.0 | 2.01475 | 3.7  | 0.18951 | 3.6 | 1.0 | 1118.7 | 36.9 | 1120.5 | 25.3 | 1123.9 | 19.9  | 1123.9 | 19.9 |
| 96   | 17123  | 2.7 | 1.97569 | 2.7  | 0.18468 | 2.2 | 0.8 | 1092.5 | 22.6 | 1107.3 | 18.4 | 1136.3 | 31.1  | 1136.3 | 31.1 |
| 153  | 16620  | 2.0 | 1.98926 | 2.0  | 0.18501 | 1.0 | 0.5 | 1094.3 | 10.1 | 1111.9 | 13.4 | 1146.4 | 33.9  | 1146.4 | 33.9 |
| 36   | 6665   | 2.1 | 2.01465 | 3.9  | 0.18677 | 1.5 | 0.4 | 1103.9 | 15.0 | 1120.5 | 26.8 | 1152.8 | 72.6  | 1152.8 | 72.6 |
| 206  | 34785  | 0.8 | 2.04779 | 2.5  | 0.18918 | 2.3 | 0.9 | 1116.9 | 24.0 | 1131.6 | 17.4 | 1159.7 | 19.9  | 1159.7 | 19.9 |

|     |       |     |          |     |         |     |     |        |      |        |      |        |      |        |      |
|-----|-------|-----|----------|-----|---------|-----|-----|--------|------|--------|------|--------|------|--------|------|
| 82  | 14846 | 1.4 | 2.14562  | 1.9 | 0.19822 | 1.0 | 0.5 | 1165.8 | 10.7 | 1163.6 | 13.0 | 1159.7 | 31.4 | 1159.7 | 31.4 |
| 83  | 14691 | 1.1 | 2.05214  | 1.9 | 0.18887 | 1.4 | 0.8 | 1115.3 | 14.7 | 1133.0 | 12.7 | 1167.2 | 23.4 | 1167.2 | 23.4 |
| 119 | 21296 | 2.6 | 2.05837  | 2.8 | 0.18932 | 2.4 | 0.9 | 1117.7 | 24.8 | 1135.1 | 19.0 | 1168.5 | 27.0 | 1168.5 | 27.0 |
| 59  | 10620 | 2.2 | 2.19244  | 2.0 | 0.20144 | 1.5 | 0.8 | 1183.1 | 16.6 | 1178.6 | 14.1 | 1170.5 | 26.1 | 1170.5 | 26.1 |
| 293 | 36474 | 1.7 | 2.02270  | 1.8 | 0.18579 | 1.5 | 0.8 | 1098.5 | 15.5 | 1123.2 | 12.4 | 1171.1 | 19.8 | 1171.1 | 19.8 |
| 241 | 31616 | 2.6 | 2.10208  | 2.3 | 0.19293 | 2.1 | 0.9 | 1137.2 | 21.9 | 1149.5 | 16.0 | 1172.7 | 19.8 | 1172.7 | 19.8 |
| 93  | 15137 | 0.8 | 2.14859  | 2.4 | 0.19668 | 2.2 | 0.9 | 1157.4 | 23.2 | 1164.6 | 16.9 | 1177.9 | 21.4 | 1177.9 | 21.4 |
| 224 | 39351 | 2.0 | 2.28390  | 1.8 | 0.20904 | 1.5 | 0.8 | 1223.7 | 16.3 | 1207.3 | 12.5 | 1178.1 | 19.8 | 1178.1 | 19.8 |
| 163 | 28509 | 1.7 | 2.21308  | 6.6 | 0.20001 | 6.5 | 1.0 | 1175.4 | 70.0 | 1185.2 | 46.1 | 1203.1 | 19.7 | 1203.1 | 19.7 |
| 122 | 18515 | 2.1 | 2.22958  | 1.5 | 0.20037 | 1.1 | 0.7 | 1177.3 | 12.0 | 1190.4 | 10.6 | 1214.2 | 19.8 | 1214.2 | 19.8 |
| 29  | 5675  | 1.6 | 2.41391  | 2.9 | 0.21639 | 1.4 | 0.5 | 1262.8 | 16.1 | 1246.7 | 21.0 | 1219.1 | 50.4 | 1219.1 | 50.4 |
| 151 | 31272 | 1.5 | 2.27597  | 1.7 | 0.20297 | 1.3 | 0.8 | 1191.3 | 14.7 | 1204.9 | 11.8 | 1229.3 | 19.6 | 1229.3 | 19.6 |
| 90  | 19143 | 1.5 | 2.43653  | 1.5 | 0.21545 | 1.1 | 0.7 | 1257.8 | 12.8 | 1253.5 | 10.8 | 1246.0 | 19.6 | 1246.0 | 19.6 |
| 56  | 9904  | 1.0 | 2.48958  | 3.0 | 0.21997 | 1.2 | 0.4 | 1281.7 | 14.3 | 1269.0 | 21.7 | 1247.5 | 53.5 | 1247.5 | 53.5 |
| 265 | 40846 | 2.0 | 2.24189  | 3.9 | 0.19715 | 3.6 | 0.9 | 1160.0 | 37.9 | 1194.2 | 27.2 | 1256.7 | 29.1 | 1256.7 | 29.1 |
| 130 | 14890 | 3.0 | 2.57955  | 3.6 | 0.22386 | 3.0 | 0.9 | 1302.2 | 35.6 | 1294.9 | 26.0 | 1282.6 | 36.4 | 1282.6 | 36.4 |
| 251 | 45661 | 1.6 | 2.60559  | 1.4 | 0.22171 | 1.0 | 0.7 | 1290.9 | 11.7 | 1302.2 | 10.4 | 1320.9 | 19.4 | 1320.9 | 19.4 |
| 147 | 37943 | 1.6 | 3.31295  | 1.9 | 0.25964 | 1.6 | 0.8 | 1488.0 | 21.0 | 1484.1 | 14.6 | 1478.5 | 19.0 | 1478.5 | 19.0 |
| 163 | 39928 | 1.4 | 4.89568  | 1.8 | 0.31538 | 1.5 | 0.8 | 1767.1 | 23.1 | 1801.5 | 15.2 | 1841.6 | 18.1 | 1841.6 | 18.1 |
| 85  | 25970 | 0.7 | 5.91345  | 1.8 | 0.35455 | 1.4 | 0.8 | 1956.3 | 24.4 | 1963.2 | 15.3 | 1970.5 | 17.8 | 1970.5 | 17.8 |
| 161 | 62964 | 1.2 | 13.71754 | 2.0 | 0.50796 | 1.7 | 0.9 | 2647.9 | 37.7 | 2730.4 | 19.0 | 2792.0 | 16.4 | 2792.0 | 16.4 |

Sample 17 Chuta Redbeds

|     |      |     |         |      |         |     |     |       |     |       |      |       |       |       |     |
|-----|------|-----|---------|------|---------|-----|-----|-------|-----|-------|------|-------|-------|-------|-----|
| 290 | 3500 | 1.1 | 0.09811 | 15.4 | 0.01553 | 4.9 | 0.3 | 99.4  | 4.8 | 95.0  | 13.9 | -12.3 | 353.5 | 99.4  | 4.8 |
| 215 | 2050 | 1.3 | 0.15424 | 9.8  | 0.01573 | 3.8 | 0.4 | 100.6 | 3.7 | 145.6 | 13.2 | 960.9 | 184.5 | 100.6 | 3.7 |
| 234 | 2786 | 1.2 | 0.11959 | 15.2 | 0.01596 | 5.1 | 0.3 | 102.1 | 5.1 | 114.7 | 16.5 | 384.9 | 322.9 | 102.1 | 5.1 |
| 89  | 885  | 1.6 | 0.11252 | 27.4 | 0.01599 | 4.0 | 0.1 | 102.3 | 4.1 | 108.3 | 28.1 | 242.5 | 634.3 | 102.3 | 4.1 |
| 367 | 3525 | 1.1 | 0.12197 | 11.6 | 0.01599 | 4.0 | 0.3 | 102.3 | 4.0 | 116.9 | 12.8 | 424.9 | 243.8 | 102.3 | 4.0 |
| 218 | 2677 | 1.4 | 0.12016 | 13.3 | 0.01613 | 4.0 | 0.3 | 103.1 | 4.1 | 115.2 | 14.5 | 372.5 | 286.2 | 103.1 | 4.1 |
| 166 | 2111 | 1.5 | 0.13020 | 31.4 | 0.01613 | 5.6 | 0.2 | 103.1 | 5.7 | 124.3 | 36.7 | 550.2 | 689.1 | 103.1 | 5.7 |
| 169 | 1997 | 1.4 | 0.14151 | 24.1 | 0.01617 | 4.4 | 0.2 | 103.4 | 4.5 | 134.4 | 30.3 | 723.6 | 508.8 | 103.4 | 4.5 |
| 113 | 1706 | 1.5 | 0.13376 | 23.6 | 0.01622 | 5.9 | 0.2 | 103.7 | 6.1 | 127.5 | 28.3 | 596.6 | 500.9 | 103.7 | 6.1 |
| 139 | 2346 | 1.3 | 0.10839 | 35.6 | 0.01624 | 4.2 | 0.1 | 103.9 | 4.3 | 104.5 | 35.3 | 118.6 | 855.9 | 103.9 | 4.3 |
| 240 | 2476 | 1.5 | 0.13607 | 15.5 | 0.01640 | 6.6 | 0.4 | 104.9 | 6.8 | 129.5 | 18.8 | 610.0 | 304.8 | 104.9 | 6.8 |
| 272 | 2995 | 1.0 | 0.12163 | 11.9 | 0.01642 | 7.8 | 0.7 | 105.0 | 8.1 | 116.5 | 13.1 | 358.8 | 202.7 | 105.0 | 8.1 |
| 176 | 1632 | 1.4 | 0.12489 | 19.5 | 0.01649 | 2.9 | 0.2 | 105.4 | 3.1 | 119.5 | 22.0 | 409.0 | 435.8 | 105.4 | 3.1 |
| 100 | 1840 | 1.9 | 0.13762 | 23.9 | 0.01665 | 4.1 | 0.2 | 106.5 | 4.3 | 130.9 | 29.4 | 601.2 | 517.4 | 106.5 | 4.3 |
| 262 | 3758 | 1.5 | 0.11282 | 15.4 | 0.01665 | 5.6 | 0.4 | 106.5 | 5.9 | 108.5 | 15.8 | 154.4 | 337.3 | 106.5 | 5.9 |
| 145 | 2162 | 1.9 | 0.16406 | 14.1 | 0.01669 | 4.2 | 0.3 | 106.7 | 4.4 | 154.3 | 20.2 | 965.2 | 276.1 | 106.7 | 4.4 |
| 267 | 2818 | 1.2 | 0.12317 | 14.3 | 0.01671 | 4.3 | 0.3 | 106.8 | 4.6 | 117.9 | 15.9 | 349.0 | 308.8 | 106.8 | 4.6 |
| 101 | 1749 | 2.4 | 0.15490 | 21.3 | 0.01672 | 5.2 | 0.2 | 106.9 | 5.6 | 146.2 | 29.0 | 843.1 | 433.7 | 106.9 | 5.6 |
| 105 | 1503 | 1.7 | 0.16103 | 24.8 | 0.01673 | 6.3 | 0.3 | 107.0 | 6.7 | 151.6 | 35.0 | 922.4 | 500.4 | 107.0 | 6.7 |
| 106 | 1296 | 2.1 | 0.14968 | 20.6 | 0.01682 | 5.7 | 0.3 | 107.5 | 6.0 | 141.6 | 27.2 | 759.3 | 420.9 | 107.5 | 6.0 |

|     |      |     |         |      |         |      |     |       |      |       |      |        |        |       |      |
|-----|------|-----|---------|------|---------|------|-----|-------|------|-------|------|--------|--------|-------|------|
| 293 | 3797 | 1.3 | 0.11960 | 15.0 | 0.01683 | 7.0  | 0.5 | 107.6 | 7.5  | 114.7 | 16.2 | 265.6  | 304.8  | 107.6 | 7.5  |
| 70  | 1217 | 2.7 | 0.13009 | 47.1 | 0.01683 | 8.3  | 0.2 | 107.6 | 8.9  | 124.2 | 55.2 | 454.6  | 1086.1 | 107.6 | 8.9  |
| 145 | 2186 | 2.0 | 0.13298 | 25.4 | 0.01689 | 4.2  | 0.2 | 107.9 | 4.5  | 126.8 | 30.3 | 495.9  | 560.8  | 107.9 | 4.5  |
| 157 | 1977 | 1.6 | 0.11825 | 18.2 | 0.01688 | 9.7  | 0.5 | 107.9 | 10.3 | 113.5 | 19.6 | 232.6  | 358.1  | 107.9 | 10.3 |
| 97  | 1536 | 2.6 | 0.15284 | 18.0 | 0.01691 | 5.8  | 0.3 | 108.1 | 6.3  | 144.4 | 24.2 | 792.7  | 359.4  | 108.1 | 6.3  |
| 120 | 1120 | 1.5 | 0.12010 | 26.1 | 0.01709 | 6.5  | 0.2 | 109.3 | 7.0  | 115.2 | 28.5 | 238.7  | 592.3  | 109.3 | 7.0  |
| 194 | 722  | 1.2 | 0.09400 | 15.9 | 0.01710 | 4.7  | 0.3 | 109.3 | 5.1  | 91.2  | 13.8 | -359.6 | 394.1  | 109.3 | 5.1  |
| 172 | 3065 | 2.3 | 0.14273 | 8.1  | 0.01722 | 3.9  | 0.5 | 110.1 | 4.2  | 135.5 | 10.2 | 607.6  | 153.3  | 110.1 | 4.2  |
| 202 | 2978 | 1.8 | 0.13590 | 11.0 | 0.01726 | 2.3  | 0.2 | 110.3 | 2.5  | 129.4 | 13.4 | 495.9  | 237.7  | 110.3 | 2.5  |
| 53  | 827  | 3.5 | 0.15938 | 22.7 | 0.01729 | 5.3  | 0.2 | 110.5 | 5.9  | 150.2 | 31.7 | 833.3  | 465.3  | 110.5 | 5.9  |
| 179 | 2651 | 1.9 | 0.12281 | 17.0 | 0.01730 | 4.6  | 0.3 | 110.6 | 5.0  | 117.6 | 18.9 | 262.9  | 378.6  | 110.6 | 5.0  |
| 470 | 3152 | 1.1 | 0.12952 | 7.5  | 0.01735 | 3.8  | 0.5 | 110.9 | 4.2  | 123.7 | 8.8  | 377.4  | 145.8  | 110.9 | 4.2  |
| 119 | 2377 | 1.8 | 0.14254 | 19.7 | 0.01750 | 4.8  | 0.2 | 111.8 | 5.4  | 135.3 | 25.0 | 569.6  | 419.4  | 111.8 | 5.4  |
| 98  | 1632 | 2.6 | 0.15693 | 24.8 | 0.01751 | 4.2  | 0.2 | 111.9 | 4.7  | 148.0 | 34.2 | 774.2  | 521.2  | 111.9 | 4.7  |
| 74  | 966  | 2.8 | 0.13925 | 32.6 | 0.01763 | 5.0  | 0.2 | 112.7 | 5.6  | 132.4 | 40.4 | 502.0  | 725.5  | 112.7 | 5.6  |
| 131 | 1752 | 1.9 | 0.13392 | 14.9 | 0.01765 | 3.8  | 0.3 | 112.8 | 4.2  | 127.6 | 17.9 | 412.8  | 323.3  | 112.8 | 4.2  |
| 113 | 1737 | 2.1 | 0.15578 | 28.5 | 0.01772 | 2.8  | 0.1 | 113.2 | 3.1  | 147.0 | 39.1 | 734.3  | 612.9  | 113.2 | 3.1  |
| 86  | 1222 | 2.0 | 0.14785 | 22.9 | 0.01778 | 5.7  | 0.2 | 113.6 | 6.4  | 140.0 | 30.0 | 615.1  | 485.5  | 113.6 | 6.4  |
| 325 | 2078 | 0.8 | 0.14899 | 9.9  | 0.01785 | 7.6  | 0.8 | 114.0 | 8.6  | 141.0 | 13.1 | 623.1  | 138.4  | 114.0 | 8.6  |
| 121 | 1512 | 1.9 | 0.15805 | 15.0 | 0.01797 | 4.6  | 0.3 | 114.8 | 5.2  | 149.0 | 20.8 | 734.4  | 304.6  | 114.8 | 5.2  |
| 129 | 1853 | 1.6 | 0.14448 | 27.9 | 0.01801 | 3.3  | 0.1 | 115.1 | 3.8  | 137.0 | 35.8 | 536.4  | 616.6  | 115.1 | 3.8  |
| 84  | 1434 | 2.3 | 0.10250 | 27.6 | 0.01805 | 4.6  | 0.2 | 115.3 | 5.2  | 99.1  | 26.1 | -275.6 | 704.1  | 115.3 | 5.2  |
| 123 | 1640 | 2.5 | 0.12226 | 25.7 | 0.01812 | 4.3  | 0.2 | 115.8 | 5.0  | 117.1 | 28.5 | 144.1  | 603.9  | 115.8 | 5.0  |
| 84  | 1405 | 2.0 | 0.17827 | 31.5 | 0.01816 | 5.5  | 0.2 | 116.0 | 6.4  | 166.6 | 48.4 | 962.6  | 647.7  | 116.0 | 6.4  |
| 207 | 3477 | 1.7 | 0.12470 | 23.7 | 0.01845 | 6.5  | 0.3 | 117.8 | 7.6  | 119.3 | 26.7 | 149.2  | 540.3  | 117.8 | 7.6  |
| 50  | 841  | 2.5 | 0.14846 | 26.2 | 0.01887 | 10.0 | 0.4 | 120.5 | 12.0 | 140.6 | 34.4 | 493.5  | 540.0  | 120.5 | 12.0 |
| 53  | 896  | 3.1 | 0.12979 | 47.6 | 0.01887 | 5.2  | 0.1 | 120.5 | 6.2  | 123.9 | 55.6 | 189.6  | 1162.1 | 120.5 | 6.2  |
| 121 | 2060 | 1.7 | 0.14323 | 25.7 | 0.01961 | 2.6  | 0.1 | 125.2 | 3.2  | 135.9 | 32.7 | 327.9  | 588.7  | 125.2 | 3.2  |

Sample 16 Neixpa Redbeds

|      |      |     |         |      |         |     |     |       |     |       |      |       |       |       |     |
|------|------|-----|---------|------|---------|-----|-----|-------|-----|-------|------|-------|-------|-------|-----|
| 147  | 1908 | 1.5 | 0.12629 | 20.3 | 0.01563 | 2.0 | 0.1 | 100.0 | 2.0 | 120.8 | 23.1 | 552.1 | 444.0 | 100.0 | 2.0 |
| 361  | 6216 | 2.4 | 0.11849 | 10.7 | 0.01564 | 2.2 | 0.2 | 100.0 | 2.1 | 113.7 | 11.5 | 410.6 | 233.9 | 100.0 | 2.1 |
| 1096 | 7568 | 0.8 | 0.11136 | 4.4  | 0.01569 | 2.1 | 0.5 | 100.4 | 2.1 | 107.2 | 4.4  | 262.0 | 88.1  | 100.4 | 2.1 |
| 247  | 3394 | 1.8 | 0.11489 | 10.2 | 0.01590 | 7.7 | 0.8 | 101.7 | 7.7 | 110.4 | 10.6 | 302.9 | 152.8 | 101.7 | 7.7 |
| 157  | 1037 | 1.4 | 0.12183 | 14.4 | 0.01594 | 2.5 | 0.2 | 101.9 | 2.6 | 116.7 | 15.8 | 430.0 | 316.4 | 101.9 | 2.6 |
| 553  | 7544 | 1.1 | 0.11479 | 6.9  | 0.01623 | 2.8 | 0.4 | 103.8 | 2.9 | 110.3 | 7.2  | 253.6 | 144.3 | 103.8 | 2.9 |
| 421  | 5514 | 0.2 | 0.11173 | 5.9  | 0.01632 | 4.3 | 0.7 | 104.4 | 4.5 | 107.5 | 6.0  | 178.2 | 92.3  | 104.4 | 4.5 |
| 154  | 1598 | 1.9 | 0.14714 | 18.0 | 0.01637 | 3.2 | 0.2 | 104.7 | 3.3 | 139.4 | 23.5 | 780.7 | 376.1 | 104.7 | 3.3 |
| 239  | 4760 | 0.9 | 0.12263 | 7.8  | 0.01642 | 2.6 | 0.3 | 105.0 | 2.7 | 117.5 | 8.6  | 377.3 | 165.0 | 105.0 | 2.7 |
| 225  | 2593 | 1.9 | 0.12649 | 10.4 | 0.01650 | 5.8 | 0.6 | 105.5 | 6.1 | 120.9 | 11.9 | 436.9 | 193.2 | 105.5 | 6.1 |
| 158  | 1822 | 1.4 | 0.10697 | 21.5 | 0.01650 | 1.6 | 0.1 | 105.5 | 1.7 | 103.2 | 21.1 | 50.6  | 517.2 | 105.5 | 1.7 |
| 191  | 1956 | 1.8 | 0.13436 | 19.2 | 0.01651 | 3.1 | 0.2 | 105.6 | 3.3 | 128.0 | 23.1 | 568.0 | 416.5 | 105.6 | 3.3 |
| 182  | 2629 | 1.3 | 0.13146 | 21.7 | 0.01652 | 6.9 | 0.3 | 105.6 | 7.3 | 125.4 | 25.6 | 519.3 | 454.7 | 105.6 | 7.3 |

|      |       |     |         |      |         |      |     |       |      |       |      |        |       |       |      |
|------|-------|-----|---------|------|---------|------|-----|-------|------|-------|------|--------|-------|-------|------|
| 113  | 1485  | 2.4 | 0.16357 | 22.0 | 0.01653 | 3.2  | 0.1 | 105.7 | 3.4  | 153.8 | 31.3 | 979.5  | 447.5 | 105.7 | 3.4  |
| 211  | 2850  | 1.0 | 0.12781 | 19.7 | 0.01654 | 3.3  | 0.2 | 105.7 | 3.5  | 122.1 | 22.7 | 454.7  | 434.7 | 105.7 | 3.5  |
| 294  | 4366  | 1.2 | 0.12102 | 5.0  | 0.01658 | 1.4  | 0.3 | 106.0 | 1.5  | 116.0 | 5.4  | 326.7  | 108.0 | 106.0 | 1.5  |
| 190  | 2961  | 1.5 | 0.11725 | 12.8 | 0.01665 | 2.4  | 0.2 | 106.5 | 2.5  | 112.6 | 13.6 | 243.9  | 291.0 | 106.5 | 2.5  |
| 141  | 2731  | 1.8 | 0.13540 | 15.3 | 0.01666 | 2.3  | 0.2 | 106.5 | 2.4  | 128.9 | 18.5 | 564.9  | 330.2 | 106.5 | 2.4  |
| 102  | 1689  | 1.2 | 0.14394 | 21.4 | 0.01667 | 3.6  | 0.2 | 106.6 | 3.8  | 136.5 | 27.3 | 695.7  | 453.4 | 106.6 | 3.8  |
| 201  | 2477  | 2.0 | 0.11829 | 17.6 | 0.01671 | 2.7  | 0.2 | 106.8 | 2.9  | 113.5 | 18.9 | 256.5  | 401.3 | 106.8 | 2.9  |
| 128  | 1485  | 0.8 | 0.13730 | 26.4 | 0.01672 | 6.9  | 0.3 | 106.9 | 7.3  | 130.6 | 32.4 | 587.0  | 562.7 | 106.9 | 7.3  |
| 125  | 1899  | 1.7 | 0.11405 | 20.5 | 0.01674 | 4.4  | 0.2 | 107.0 | 4.7  | 109.7 | 21.3 | 168.0  | 471.0 | 107.0 | 4.7  |
| 178  | 2482  | 1.5 | 0.12107 | 6.6  | 0.01675 | 2.4  | 0.4 | 107.1 | 2.6  | 116.0 | 7.2  | 304.1  | 139.3 | 107.1 | 2.6  |
| 106  | 1740  | 2.1 | 0.11625 | 23.8 | 0.01676 | 4.2  | 0.2 | 107.2 | 4.5  | 111.7 | 25.1 | 208.7  | 548.8 | 107.2 | 4.5  |
| 219  | 2507  | 1.2 | 0.13885 | 14.3 | 0.01679 | 2.6  | 0.2 | 107.3 | 2.8  | 132.0 | 17.8 | 602.6  | 306.7 | 107.3 | 2.8  |
| 133  | 1900  | 1.6 | 0.15202 | 18.5 | 0.01687 | 3.1  | 0.2 | 107.9 | 3.4  | 143.7 | 24.8 | 785.6  | 386.3 | 107.9 | 3.4  |
| 124  | 2459  | 2.2 | 0.16217 | 19.5 | 0.01689 | 2.6  | 0.1 | 108.0 | 2.8  | 152.6 | 27.7 | 917.8  | 401.6 | 108.0 | 2.8  |
| 170  | 2252  | 1.6 | 0.13899 | 10.8 | 0.01692 | 3.2  | 0.3 | 108.1 | 3.4  | 132.1 | 13.4 | 588.9  | 225.2 | 108.1 | 3.4  |
| 139  | 1229  | 1.8 | 0.15732 | 17.7 | 0.01697 | 3.9  | 0.2 | 108.5 | 4.2  | 148.4 | 24.4 | 844.6  | 361.3 | 108.5 | 4.2  |
| 198  | 3546  | 1.6 | 0.13356 | 8.1  | 0.01700 | 1.7  | 0.2 | 108.7 | 1.8  | 127.3 | 9.7  | 490.4  | 176.1 | 108.7 | 1.8  |
| 96   | 1073  | 2.1 | 0.17921 | 14.8 | 0.01702 | 3.7  | 0.3 | 108.8 | 4.0  | 167.4 | 22.9 | 1104.9 | 288.5 | 108.8 | 4.0  |
| 221  | 3760  | 1.8 | 0.12066 | 15.4 | 0.01703 | 2.7  | 0.2 | 108.9 | 2.9  | 115.7 | 16.8 | 258.3  | 349.8 | 108.9 | 2.9  |
| 115  | 1998  | 1.8 | 0.14224 | 24.3 | 0.01706 | 2.8  | 0.1 | 109.0 | 3.1  | 135.0 | 30.7 | 621.0  | 527.6 | 109.0 | 3.1  |
| 87   | 743   | 1.6 | 0.11066 | 20.2 | 0.01707 | 4.8  | 0.2 | 109.1 | 5.2  | 106.6 | 20.5 | 50.5   | 472.4 | 109.1 | 5.2  |
| 103  | 2065  | 2.0 | 0.10691 | 36.3 | 0.01708 | 3.2  | 0.1 | 109.2 | 3.5  | 103.1 | 35.6 | -34.3  | 902.3 | 109.2 | 3.5  |
| 118  | 2281  | 1.9 | 0.11225 | 15.5 | 0.01709 | 2.9  | 0.2 | 109.3 | 3.1  | 108.0 | 15.9 | 80.9   | 364.1 | 109.3 | 3.1  |
| 134  | 1582  | 1.5 | 0.11693 | 22.9 | 0.01710 | 2.2  | 0.1 | 109.3 | 2.3  | 112.3 | 24.4 | 175.4  | 538.4 | 109.3 | 2.3  |
| 165  | 3270  | 2.0 | 0.12453 | 18.1 | 0.01712 | 2.1  | 0.1 | 109.4 | 2.2  | 119.2 | 20.4 | 318.9  | 412.1 | 109.4 | 2.2  |
| 120  | 1573  | 2.3 | 0.12148 | 31.6 | 0.01718 | 3.5  | 0.1 | 109.8 | 3.8  | 116.4 | 34.7 | 254.1  | 737.5 | 109.8 | 3.8  |
| 168  | 1169  | 1.6 | 0.15019 | 21.0 | 0.01725 | 2.2  | 0.1 | 110.3 | 2.4  | 142.1 | 27.9 | 712.9  | 448.6 | 110.3 | 2.4  |
| 95   | 1546  | 2.3 | 0.14139 | 22.6 | 0.01727 | 4.3  | 0.2 | 110.4 | 4.7  | 134.3 | 28.4 | 580.7  | 487.3 | 110.4 | 4.7  |
| 176  | 2319  | 2.1 | 0.12771 | 16.9 | 0.01728 | 3.9  | 0.2 | 110.5 | 4.3  | 122.0 | 19.4 | 353.9  | 373.4 | 110.5 | 4.3  |
| 202  | 2230  | 1.8 | 0.13731 | 11.2 | 0.01733 | 2.2  | 0.2 | 110.7 | 2.4  | 130.6 | 13.7 | 509.9  | 241.1 | 110.7 | 2.4  |
| 2072 | 30538 | 0.6 | 0.11707 | 2.1  | 0.01741 | 1.5  | 0.7 | 111.3 | 1.6  | 112.4 | 2.3  | 137.0  | 36.5  | 111.3 | 1.6  |
| 151  | 1359  | 1.6 | 0.12618 | 32.2 | 0.01744 | 6.7  | 0.2 | 111.5 | 7.4  | 120.7 | 36.7 | 306.0  | 734.7 | 111.5 | 7.4  |
| 210  | 3538  | 1.9 | 0.13005 | 11.3 | 0.01746 | 1.9  | 0.2 | 111.6 | 2.1  | 124.1 | 13.2 | 372.2  | 252.4 | 111.6 | 2.1  |
| 88   | 1653  | 2.1 | 0.15444 | 24.9 | 0.01754 | 3.3  | 0.1 | 112.1 | 3.7  | 145.8 | 33.8 | 737.1  | 529.3 | 112.1 | 3.7  |
| 247  | 4448  | 1.7 | 0.13172 | 8.5  | 0.01755 | 3.7  | 0.4 | 112.2 | 4.1  | 125.6 | 10.1 | 388.5  | 172.0 | 112.2 | 4.1  |
| 115  | 1867  | 2.1 | 0.12404 | 18.1 | 0.01756 | 2.7  | 0.2 | 112.2 | 3.0  | 118.7 | 20.2 | 251.6  | 413.8 | 112.2 | 3.0  |
| 210  | 3621  | 2.2 | 0.13428 | 14.2 | 0.01756 | 3.1  | 0.2 | 112.2 | 3.5  | 127.9 | 17.0 | 431.0  | 308.8 | 112.2 | 3.5  |
| 242  | 5015  | 1.9 | 0.12448 | 9.6  | 0.01756 | 1.9  | 0.2 | 112.2 | 2.1  | 119.1 | 10.8 | 259.3  | 217.7 | 112.2 | 2.1  |
| 179  | 2592  | 1.6 | 0.14842 | 14.2 | 0.01758 | 2.8  | 0.2 | 112.3 | 3.1  | 140.5 | 18.7 | 647.5  | 301.3 | 112.3 | 3.1  |
| 243  | 1326  | 1.5 | 0.12493 | 18.1 | 0.01766 | 10.0 | 0.6 | 112.8 | 11.1 | 119.5 | 20.4 | 254.9  | 348.9 | 112.8 | 11.1 |
| 106  | 944   | 1.5 | 0.14191 | 26.6 | 0.01769 | 6.4  | 0.2 | 113.0 | 7.1  | 134.7 | 33.6 | 536.9  | 574.4 | 113.0 | 7.1  |
| 155  | 1174  | 1.8 | 0.17229 | 42.2 | 0.01773 | 7.4  | 0.2 | 113.3 | 8.3  | 161.4 | 63.1 | 942.2  | 890.3 | 113.3 | 8.3  |

|     |      |     |         |      |         |     |     |       |     |       |      |       |       |       |     |
|-----|------|-----|---------|------|---------|-----|-----|-------|-----|-------|------|-------|-------|-------|-----|
| 100 | 2160 | 1.3 | 0.15989 | 16.9 | 0.01775 | 2.8 | 0.2 | 113.4 | 3.1 | 150.6 | 23.7 | 785.4 | 353.2 | 113.4 | 3.1 |
| 190 | 2495 | 2.1 | 0.12121 | 23.6 | 0.01776 | 6.5 | 0.3 | 113.5 | 7.3 | 116.2 | 25.9 | 171.3 | 534.8 | 113.5 | 7.3 |
| 161 | 2636 | 2.0 | 0.14309 | 12.1 | 0.01780 | 4.0 | 0.3 | 113.7 | 4.5 | 135.8 | 15.4 | 541.1 | 251.7 | 113.7 | 4.5 |
| 199 | 3246 | 1.7 | 0.13725 | 11.9 | 0.01780 | 2.0 | 0.2 | 113.8 | 2.2 | 130.6 | 14.6 | 448.9 | 261.5 | 113.8 | 2.2 |
| 182 | 3615 | 1.9 | 0.13329 | 10.0 | 0.01786 | 3.3 | 0.3 | 114.1 | 3.7 | 127.0 | 11.9 | 376.2 | 212.0 | 114.1 | 3.7 |
| 230 | 4070 | 1.8 | 0.11733 | 6.9  | 0.01790 | 1.8 | 0.3 | 114.4 | 2.0 | 112.6 | 7.3  | 76.2  | 157.8 | 114.4 | 2.0 |
| 170 | 2706 | 1.6 | 0.14639 | 18.4 | 0.01795 | 2.4 | 0.1 | 114.7 | 2.7 | 138.7 | 23.8 | 572.5 | 399.4 | 114.7 | 2.7 |
| 108 | 1650 | 2.3 | 0.11969 | 14.4 | 0.01796 | 3.5 | 0.2 | 114.7 | 4.0 | 114.8 | 15.6 | 115.9 | 330.3 | 114.7 | 4.0 |
| 138 | 2778 | 1.7 | 0.15497 | 18.3 | 0.01802 | 3.7 | 0.2 | 115.1 | 4.3 | 146.3 | 24.9 | 687.4 | 384.6 | 115.1 | 4.3 |
| 195 | 2491 | 1.6 | 0.14451 | 12.8 | 0.01827 | 3.4 | 0.3 | 116.7 | 4.0 | 137.1 | 16.4 | 505.4 | 272.6 | 116.7 | 4.0 |
| 105 | 3363 | 2.0 | 0.15371 | 11.4 | 0.01833 | 5.6 | 0.5 | 117.1 | 6.5 | 145.2 | 15.4 | 632.5 | 213.7 | 117.1 | 6.5 |
| 296 | 5238 | 1.7 | 0.13544 | 6.5  | 0.01880 | 5.2 | 0.8 | 120.1 | 6.1 | 129.0 | 7.9  | 296.7 | 91.0  | 120.1 | 6.1 |

Sample 15 Cachán turbidites

|     |      |     |         |      |         |     |     |       |     |       |      |       |       |       |     |
|-----|------|-----|---------|------|---------|-----|-----|-------|-----|-------|------|-------|-------|-------|-----|
| 165 | 1329 | 0.9 | 0.10209 | 9.2  | 0.01469 | 2.3 | 0.3 | 94.0  | 2.2 | 98.7  | 8.6  | 214.0 | 205.7 | 94.0  | 2.2 |
| 163 | 1591 | 0.8 | 0.09440 | 13.6 | 0.01500 | 2.4 | 0.2 | 96.0  | 2.3 | 91.6  | 11.9 | -21.5 | 325.7 | 96.0  | 2.3 |
| 285 | 2258 | 1.0 | 0.10666 | 7.7  | 0.01518 | 3.6 | 0.5 | 97.1  | 3.5 | 102.9 | 7.5  | 239.3 | 156.5 | 97.1  | 3.5 |
| 221 | 2063 | 1.2 | 0.10026 | 5.6  | 0.01535 | 1.9 | 0.3 | 98.2  | 1.8 | 97.0  | 5.2  | 67.5  | 126.7 | 98.2  | 1.8 |
| 299 | 3485 | 0.9 | 0.11145 | 6.1  | 0.01540 | 2.0 | 0.3 | 98.5  | 1.9 | 107.3 | 6.2  | 307.3 | 131.3 | 98.5  | 1.9 |
| 184 | 1337 | 1.5 | 0.09903 | 9.3  | 0.01539 | 2.7 | 0.3 | 98.5  | 2.6 | 95.9  | 8.5  | 31.7  | 213.6 | 98.5  | 2.6 |
| 130 | 1487 | 1.0 | 0.10289 | 14.0 | 0.01541 | 2.5 | 0.2 | 98.6  | 2.4 | 99.4  | 13.2 | 120.1 | 325.7 | 98.6  | 2.4 |
| 291 | 2988 | 0.9 | 0.10704 | 5.2  | 0.01554 | 3.0 | 0.6 | 99.4  | 2.9 | 103.3 | 5.1  | 193.5 | 99.8  | 99.4  | 2.9 |
| 102 | 1013 | 1.6 | 0.10642 | 10.9 | 0.01559 | 3.8 | 0.3 | 99.7  | 3.7 | 102.7 | 10.7 | 172.6 | 240.3 | 99.7  | 3.7 |
| 238 | 2141 | 1.0 | 0.10977 | 9.5  | 0.01566 | 2.6 | 0.3 | 100.2 | 2.6 | 105.8 | 9.6  | 233.4 | 212.2 | 100.2 | 2.6 |
| 194 | 1739 | 1.1 | 0.10827 | 7.3  | 0.01575 | 1.9 | 0.3 | 100.7 | 1.9 | 104.4 | 7.3  | 188.3 | 165.1 | 100.7 | 1.9 |
| 258 | 2877 | 1.2 | 0.10325 | 6.9  | 0.01582 | 1.9 | 0.3 | 101.2 | 1.9 | 99.8  | 6.6  | 66.8  | 158.6 | 101.2 | 1.9 |
| 205 | 2243 | 1.2 | 0.11679 | 9.1  | 0.01596 | 1.6 | 0.2 | 102.1 | 1.6 | 112.2 | 9.6  | 331.2 | 203.2 | 102.1 | 1.6 |
| 124 | 1608 | 1.2 | 0.11481 | 11.2 | 0.01632 | 3.0 | 0.3 | 104.4 | 3.2 | 110.4 | 11.7 | 241.8 | 249.7 | 104.4 | 3.2 |
| 223 | 2401 | 0.9 | 0.10391 | 7.0  | 0.01632 | 2.9 | 0.4 | 104.4 | 3.0 | 100.4 | 6.7  | 6.5   | 154.3 | 104.4 | 3.0 |
| 261 | 3359 | 1.2 | 0.10750 | 5.0  | 0.01653 | 4.2 | 0.8 | 105.7 | 4.4 | 103.7 | 4.9  | 57.8  | 63.9  | 105.7 | 4.4 |
| 193 | 2718 | 1.7 | 0.11388 | 9.6  | 0.01665 | 2.0 | 0.2 | 106.5 | 2.1 | 109.5 | 10.0 | 176.4 | 219.0 | 106.5 | 2.1 |
| 258 | 1984 | 1.1 | 0.11513 | 5.6  | 0.01668 | 2.6 | 0.5 | 106.6 | 2.8 | 110.7 | 5.8  | 197.9 | 113.9 | 106.6 | 2.8 |
| 116 | 1344 | 1.3 | 0.10823 | 17.4 | 0.01715 | 1.7 | 0.1 | 109.6 | 1.8 | 104.3 | 17.2 | -14.3 | 420.3 | 109.6 | 1.8 |
| 293 | 2932 | 1.7 | 0.11402 | 6.2  | 0.01718 | 1.5 | 0.2 | 109.8 | 1.6 | 109.6 | 6.4  | 105.4 | 141.0 | 109.8 | 1.6 |
| 148 | 1820 | 1.2 | 0.10868 | 10.7 | 0.01750 | 3.0 | 0.3 | 111.8 | 3.3 | 104.8 | 10.7 | -53.5 | 251.2 | 111.8 | 3.3 |
| 79  | 1083 | 1.5 | 0.13829 | 11.4 | 0.01799 | 2.5 | 0.2 | 115.0 | 2.9 | 131.5 | 14.0 | 442.0 | 247.2 | 115.0 | 2.9 |
| 191 | 1883 | 1.3 | 0.12803 | 4.8  | 0.01810 | 1.5 | 0.3 | 115.7 | 1.8 | 122.3 | 5.5  | 253.8 | 104.9 | 115.7 | 1.8 |
| 144 | 1569 | 1.2 | 0.13282 | 11.6 | 0.01834 | 1.8 | 0.2 | 117.2 | 2.1 | 126.6 | 13.8 | 308.0 | 261.9 | 117.2 | 2.1 |
| 129 | 1606 | 2.2 | 0.14795 | 6.8  | 0.01854 | 2.6 | 0.4 | 118.4 | 3.1 | 140.1 | 8.8  | 524.8 | 136.3 | 118.4 | 3.1 |
| 154 | 1901 | 1.8 | 0.11803 | 7.5  | 0.01878 | 2.9 | 0.4 | 120.0 | 3.5 | 113.3 | 8.0  | -24.8 | 166.7 | 120.0 | 3.5 |
| 92  | 1254 | 1.5 | 0.11625 | 18.6 | 0.01884 | 2.3 | 0.1 | 120.3 | 2.7 | 111.7 | 19.7 | -69.3 | 453.8 | 120.3 | 2.7 |
| 58  | 851  | 1.2 | 0.13255 | 20.5 | 0.01885 | 3.3 | 0.2 | 120.4 | 3.9 | 126.4 | 24.3 | 241.3 | 470.1 | 120.4 | 3.9 |
| 184 | 2906 | 1.8 | 0.12076 | 6.2  | 0.01900 | 1.4 | 0.2 | 121.3 | 1.7 | 115.8 | 6.8  | 3.1   | 145.9 | 121.3 | 1.7 |

|     |       |     |         |      |         |     |     |       |      |       |      |        |       |       |      |
|-----|-------|-----|---------|------|---------|-----|-----|-------|------|-------|------|--------|-------|-------|------|
| 72  | 958   | 1.1 | 0.10028 | 14.0 | 0.01940 | 3.5 | 0.2 | 123.9 | 4.3  | 97.0  | 13.0 | -521.5 | 364.8 | 123.9 | 4.3  |
| 45  | 620   | 1.3 | 0.13255 | 29.3 | 0.01949 | 4.3 | 0.1 | 124.4 | 5.3  | 126.4 | 34.8 | 163.2  | 690.1 | 124.4 | 5.3  |
| 120 | 1330  | 1.0 | 0.18758 | 7.8  | 0.02191 | 2.6 | 0.3 | 139.7 | 3.6  | 174.6 | 12.6 | 677.2  | 158.1 | 139.7 | 3.6  |
| 583 | 4764  | 1.9 | 0.15370 | 4.1  | 0.02226 | 2.7 | 0.7 | 141.9 | 3.7  | 145.2 | 5.5  | 199.1  | 71.3  | 141.9 | 3.7  |
| 940 | 14484 | 2.3 | 0.16402 | 2.6  | 0.02418 | 2.4 | 0.9 | 154.0 | 3.7  | 154.2 | 3.8  | 157.6  | 23.6  | 154.0 | 3.7  |
| 289 | 2758  | 1.6 | 0.17363 | 5.9  | 0.02427 | 5.1 | 0.9 | 154.6 | 7.8  | 162.6 | 8.9  | 280.5  | 70.0  | 154.6 | 7.8  |
| 617 | 7325  | 1.3 | 0.16593 | 2.1  | 0.02431 | 1.3 | 0.6 | 154.8 | 1.9  | 155.9 | 3.1  | 171.6  | 39.9  | 154.8 | 1.9  |
| 589 | 5969  | 1.4 | 0.17170 | 2.5  | 0.02437 | 1.3 | 0.5 | 155.2 | 2.0  | 160.9 | 3.7  | 245.1  | 48.9  | 155.2 | 2.0  |
| 458 | 5514  | 2.6 | 0.17182 | 4.4  | 0.02452 | 1.7 | 0.4 | 156.2 | 2.6  | 161.0 | 6.5  | 232.7  | 94.0  | 156.2 | 2.6  |
| 783 | 15067 | 3.2 | 0.16978 | 2.1  | 0.02470 | 1.0 | 0.5 | 157.3 | 1.6  | 159.2 | 3.1  | 188.4  | 42.2  | 157.3 | 1.6  |
| 332 | 6491  | 1.6 | 0.17495 | 4.7  | 0.02475 | 1.4 | 0.3 | 157.6 | 2.2  | 163.7 | 7.2  | 252.9  | 103.8 | 157.6 | 2.2  |
| 421 | 6344  | 2.1 | 0.17391 | 2.9  | 0.02485 | 1.0 | 0.3 | 158.2 | 1.6  | 162.8 | 4.4  | 229.7  | 62.7  | 158.2 | 1.6  |
| 437 | 6477  | 1.3 | 0.17450 | 3.7  | 0.02502 | 1.4 | 0.4 | 159.3 | 2.2  | 163.3 | 5.6  | 221.7  | 79.8  | 159.3 | 2.2  |
| 106 | 1491  | 1.5 | 0.17807 | 10.1 | 0.02503 | 1.9 | 0.2 | 159.4 | 3.0  | 166.4 | 15.4 | 267.3  | 227.0 | 159.4 | 3.0  |
| 451 | 6324  | 2.1 | 0.17701 | 2.2  | 0.02507 | 1.5 | 0.7 | 159.6 | 2.3  | 165.5 | 3.4  | 250.6  | 37.6  | 159.6 | 2.3  |
| 263 | 1999  | 1.8 | 0.18480 | 5.3  | 0.02507 | 4.3 | 0.8 | 159.6 | 6.8  | 172.2 | 8.5  | 348.7  | 71.5  | 159.6 | 6.8  |
| 433 | 7569  | 2.3 | 0.17430 | 3.4  | 0.02536 | 1.2 | 0.4 | 161.4 | 1.9  | 163.1 | 5.2  | 187.8  | 74.7  | 161.4 | 1.9  |
| 669 | 12897 | 2.4 | 0.17153 | 3.1  | 0.02558 | 2.2 | 0.7 | 162.8 | 3.6  | 160.7 | 4.5  | 130.1  | 49.5  | 162.8 | 3.6  |
| 560 | 10883 | 2.0 | 0.17742 | 3.2  | 0.02571 | 1.4 | 0.5 | 163.7 | 2.3  | 165.8 | 4.8  | 197.0  | 65.3  | 163.7 | 2.3  |
| 701 | 8795  | 1.8 | 0.17898 | 2.8  | 0.02611 | 1.8 | 0.6 | 166.1 | 2.9  | 167.2 | 4.3  | 182.1  | 49.8  | 166.1 | 2.9  |
| 103 | 1606  | 1.9 | 0.18086 | 8.7  | 0.02650 | 1.3 | 0.1 | 168.6 | 2.1  | 168.8 | 13.5 | 171.9  | 201.4 | 168.6 | 2.1  |
| 586 | 6567  | 2.2 | 0.18708 | 2.5  | 0.02661 | 1.6 | 0.6 | 169.3 | 2.6  | 174.1 | 4.0  | 240.6  | 44.4  | 169.3 | 2.6  |
| 587 | 8158  | 2.9 | 0.18357 | 3.5  | 0.02662 | 1.5 | 0.4 | 169.4 | 2.6  | 171.1 | 5.6  | 195.4  | 74.5  | 169.4 | 2.6  |
| 214 | 3813  | 1.7 | 0.18067 | 4.9  | 0.02693 | 1.0 | 0.2 | 171.3 | 1.7  | 168.6 | 7.7  | 131.7  | 114.0 | 171.3 | 1.7  |
| 139 | 2750  | 1.1 | 0.27739 | 3.3  | 0.03843 | 1.6 | 0.5 | 243.1 | 3.8  | 248.6 | 7.3  | 300.6  | 66.3  | 243.1 | 3.8  |
| 241 | 6317  | 2.3 | 0.28103 | 7.2  | 0.03918 | 6.6 | 0.9 | 247.7 | 16.0 | 251.5 | 16.1 | 286.4  | 69.0  | 247.7 | 16.0 |
| 278 | 6906  | 0.8 | 0.27990 | 3.8  | 0.03930 | 1.5 | 0.4 | 248.5 | 3.7  | 250.6 | 8.5  | 269.9  | 80.5  | 248.5 | 3.7  |
| 465 | 13278 | 1.6 | 0.30507 | 2.5  | 0.04259 | 1.9 | 0.8 | 268.9 | 4.9  | 270.4 | 5.8  | 283.1  | 36.8  | 268.9 | 4.9  |
| 308 | 8747  | 1.3 | 0.30058 | 2.5  | 0.04268 | 1.0 | 0.4 | 269.4 | 2.6  | 266.9 | 5.9  | 244.6  | 53.3  | 269.4 | 2.6  |
| 280 | 6200  | 2.0 | 0.31330 | 4.2  | 0.04331 | 3.1 | 0.7 | 273.3 | 8.4  | 276.7 | 10.2 | 305.9  | 64.1  | 273.3 | 8.4  |
| 163 | 5875  | 2.6 | 0.31997 | 2.6  | 0.04446 | 1.8 | 0.7 | 280.4 | 5.0  | 281.9 | 6.4  | 294.2  | 41.9  | 280.4 | 5.0  |
| 76  | 3484  | 0.7 | 0.40158 | 6.1  | 0.05091 | 1.5 | 0.2 | 320.1 | 4.8  | 342.8 | 17.8 | 499.5  | 130.3 | 320.1 | 4.8  |
| 275 | 12848 | 1.0 | 0.57754 | 1.9  | 0.07437 | 1.2 | 0.7 | 462.4 | 5.6  | 462.9 | 7.0  | 465.2  | 31.2  | 462.4 | 5.6  |
| 233 | 12093 | 0.9 | 0.67015 | 3.2  | 0.08394 | 2.3 | 0.7 | 519.6 | 11.7 | 520.8 | 12.8 | 526.1  | 46.2  | 519.6 | 11.7 |
| 249 | 7224  | 0.6 | 0.71807 | 3.9  | 0.08527 | 3.7 | 1.0 | 527.5 | 19.0 | 549.5 | 16.6 | 642.0  | 24.1  | 527.5 | 19.0 |
| 32  | 2168  | 0.3 | 0.70374 | 5.3  | 0.08993 | 1.5 | 0.3 | 555.2 | 7.9  | 541.0 | 22.2 | 481.9  | 112.4 | 555.2 | 7.9  |
| 408 | 27593 | 2.8 | 0.72379 | 1.5  | 0.09005 | 1.1 | 0.7 | 555.8 | 5.7  | 552.9 | 6.3  | 540.9  | 21.9  | 555.8 | 5.7  |
| 177 | 11872 | 3.5 | 0.74163 | 1.7  | 0.09197 | 1.0 | 0.6 | 567.2 | 5.4  | 563.4 | 7.1  | 548.0  | 28.8  | 567.2 | 5.4  |
| 74  | 5563  | 2.5 | 0.75914 | 2.8  | 0.09469 | 1.1 | 0.4 | 583.2 | 6.2  | 573.5 | 12.4 | 535.1  | 57.2  | 583.2 | 6.2  |
| 113 | 7197  | 0.8 | 0.76765 | 3.7  | 0.09484 | 1.4 | 0.4 | 584.1 | 7.9  | 578.4 | 16.3 | 556.1  | 74.5  | 584.1 | 7.9  |
| 81  | 5673  | 1.1 | 0.82473 | 4.3  | 0.09833 | 2.9 | 0.7 | 604.6 | 16.9 | 610.7 | 19.6 | 633.3  | 67.3  | 604.6 | 16.9 |
| 354 | 23790 | 0.8 | 0.82223 | 2.0  | 0.09866 | 1.7 | 0.9 | 606.5 | 9.7  | 609.3 | 9.0  | 619.5  | 21.6  | 606.5 | 9.7  |

|     |       |      |         |     |         |     |     |        |      |        |      |        |       |        |      |
|-----|-------|------|---------|-----|---------|-----|-----|--------|------|--------|------|--------|-------|--------|------|
| 112 | 7869  | 0.5  | 0.87947 | 2.8 | 0.10376 | 1.0 | 0.4 | 636.4  | 6.1  | 640.7  | 13.3 | 655.9  | 56.1  | 636.4  | 6.1  |
| 192 | 15439 | 1.3  | 0.92162 | 1.9 | 0.10787 | 1.3 | 0.7 | 660.3  | 8.4  | 663.2  | 9.1  | 673.0  | 27.9  | 660.3  | 8.4  |
| 181 | 14885 | 1.6  | 0.94813 | 2.9 | 0.11381 | 2.4 | 0.8 | 694.8  | 15.6 | 677.1  | 14.4 | 618.7  | 36.9  | 694.8  | 15.6 |
| 442 | 20345 | 11.2 | 1.20457 | 2.5 | 0.12060 | 2.3 | 0.9 | 734.0  | 15.7 | 802.7  | 13.7 | 998.3  | 20.4  | 734.0  | 15.7 |
| 39  | 2991  | 0.9  | 1.42341 | 7.6 | 0.14511 | 4.2 | 0.6 | 873.5  | 34.7 | 898.8  | 45.3 | 961.5  | 128.8 | 961.5  | #### |
| 193 | 13703 | 1.0  | 1.54694 | 1.6 | 0.15552 | 1.3 | 0.8 | 931.8  | 11.0 | 949.3  | 10.0 | 989.9  | 20.5  | 989.9  | 20.5 |
| 153 | 17485 | 2.2  | 1.64260 | 1.5 | 0.16495 | 1.2 | 0.8 | 984.2  | 10.6 | 986.7  | 9.7  | 992.2  | 20.4  | 992.2  | 20.4 |
| 44  | 6033  | 0.8  | 1.70868 | 2.4 | 0.17100 | 1.5 | 0.6 | 1017.6 | 14.1 | 1011.8 | 15.2 | 999.2  | 37.2  | 999.2  | 37.2 |
| 99  | 10045 | 1.5  | 1.65018 | 3.8 | 0.16317 | 3.1 | 0.8 | 974.4  | 28.3 | 989.6  | 24.2 | 1023.5 | 44.7  | 1023.5 | 44.7 |
| 122 | 10347 | 1.8  | 1.64546 | 3.8 | 0.16241 | 3.6 | 1.0 | 970.2  | 32.7 | 987.8  | 23.8 | 1027.2 | 20.5  | 1027.2 | 20.5 |
| 57  | 6147  | 1.6  | 1.78878 | 2.6 | 0.17393 | 1.6 | 0.6 | 1033.7 | 15.2 | 1041.4 | 16.7 | 1057.4 | 40.5  | 1057.4 | 40.5 |
| 196 | 22244 | 2.8  | 1.89280 | 1.4 | 0.18063 | 1.0 | 0.7 | 1070.4 | 9.9  | 1078.6 | 9.4  | 1095.0 | 20.2  | 1095.0 | 20.2 |
| 153 | 20111 | 2.1  | 2.05020 | 1.5 | 0.19149 | 1.0 | 0.7 | 1129.5 | 10.4 | 1132.4 | 10.2 | 1137.9 | 22.0  | 1137.9 | 22.0 |
| 117 | 9798  | 2.1  | 1.86741 | 2.0 | 0.17409 | 1.7 | 0.9 | 1034.6 | 16.6 | 1069.6 | 13.3 | 1141.7 | 20.3  | 1141.7 | 20.3 |
| 115 | 15398 | 1.9  | 2.12291 | 1.9 | 0.19560 | 1.6 | 0.8 | 1151.7 | 16.6 | 1156.3 | 13.3 | 1165.0 | 21.8  | 1165.0 | 21.8 |
| 116 | 17118 | 2.3  | 2.24910 | 1.6 | 0.20695 | 1.2 | 0.8 | 1212.6 | 13.0 | 1196.5 | 10.9 | 1167.6 | 20.0  | 1167.6 | 20.0 |
| 210 | 31844 | 1.7  | 2.27521 | 1.8 | 0.20883 | 1.5 | 0.8 | 1222.6 | 16.6 | 1204.6 | 12.7 | 1172.5 | 19.8  | 1172.5 | 19.8 |
| 295 | 38109 | 6.5  | 2.25027 | 2.1 | 0.20650 | 1.8 | 0.9 | 1210.1 | 19.9 | 1196.9 | 14.5 | 1173.0 | 19.8  | 1173.0 | 19.8 |
| 134 | 20920 | 1.5  | 2.14439 | 2.1 | 0.19664 | 1.8 | 0.8 | 1157.3 | 18.8 | 1163.2 | 14.4 | 1174.4 | 21.8  | 1174.4 | 21.8 |
| 107 | 15800 | 1.4  | 2.21202 | 1.6 | 0.20251 | 1.0 | 0.6 | 1188.8 | 10.9 | 1184.9 | 11.5 | 1177.7 | 25.8  | 1177.7 | 25.8 |
| 236 | 6829  | 0.7  | 1.54193 | 2.1 | 0.14093 | 1.9 | 0.9 | 849.9  | 14.9 | 947.3  | 13.1 | 1181.0 | 20.4  | 1181.0 | 20.4 |
| 44  | 6277  | 1.4  | 2.20186 | 3.6 | 0.20044 | 3.1 | 0.8 | 1177.7 | 33.1 | 1181.6 | 25.3 | 1188.8 | 37.7  | 1188.8 | 37.7 |
| 88  | 12394 | 1.9  | 2.36240 | 1.8 | 0.20877 | 1.4 | 0.8 | 1222.3 | 15.6 | 1231.3 | 12.7 | 1247.2 | 21.6  | 1247.2 | 21.6 |
| 260 | 11486 | 2.0  | 2.32096 | 2.2 | 0.20270 | 1.9 | 0.9 | 1189.8 | 20.5 | 1218.7 | 15.3 | 1270.2 | 20.1  | 1270.2 | 20.1 |
| 85  | 13330 | 1.8  | 2.59867 | 1.4 | 0.22222 | 1.0 | 0.7 | 1293.6 | 11.7 | 1300.3 | 10.4 | 1311.3 | 19.5  | 1311.3 | 19.5 |
| 128 | 17993 | 0.9  | 3.88415 | 2.5 | 0.27291 | 2.3 | 0.9 | 1555.5 | 32.4 | 1610.4 | 20.6 | 1682.9 | 18.5  | 1682.9 | 18.5 |
| 139 | 6323  | 0.9  | 4.84487 | 5.2 | 0.27684 | 5.1 | 1.0 | 1575.4 | 70.9 | 1792.7 | 43.6 | 2055.8 | 18.0  | 2055.8 | 18.0 |
| 267 | 78139 | 5.5  | 8.30629 | 1.6 | 0.42635 | 1.3 | 0.8 | 2289.2 | 25.0 | 2265.0 | 14.8 | 2243.2 | 17.3  | 2243.2 | 17.3 |

Sample 1 Estapilla Redbeds

|     |      |     |         |      |         |     |     |      |     |       |      |        |       |      |     |
|-----|------|-----|---------|------|---------|-----|-----|------|-----|-------|------|--------|-------|------|-----|
| 162 | 1159 | 0.8 | 0.09871 | 8.6  | 0.01427 | 2.7 | 0.3 | 91.3 | 2.4 | 95.6  | 7.8  | 203.4  | 189.5 | 91.3 | 2.4 |
| 334 | 1958 | 0.8 | 0.09566 | 8.2  | 0.01426 | 1.6 | 0.2 | 91.3 | 1.4 | 92.8  | 7.3  | 131.2  | 189.9 | 91.3 | 1.4 |
| 232 | 2154 | 0.8 | 0.10449 | 8.3  | 0.01454 | 1.0 | 0.1 | 93.1 | 0.9 | 100.9 | 8.0  | 290.7  | 189.5 | 93.1 | 0.9 |
| 129 | 584  | 1.1 | 0.10308 | 11.0 | 0.01456 | 1.9 | 0.2 | 93.2 | 1.8 | 99.6  | 10.5 | 255.9  | 250.8 | 93.2 | 1.8 |
| 295 | 1561 | 0.8 | 0.10227 | 11.2 | 0.01458 | 1.7 | 0.1 | 93.3 | 1.5 | 98.9  | 10.6 | 235.9  | 256.9 | 93.3 | 1.5 |
| 190 | 1153 | 0.6 | 0.08748 | 13.5 | 0.01465 | 3.9 | 0.3 | 93.7 | 3.6 | 85.2  | 11.0 | -149.2 | 320.9 | 93.7 | 3.6 |
| 249 | 1858 | 0.8 | 0.10415 | 10.1 | 0.01468 | 1.6 | 0.2 | 93.9 | 1.5 | 100.6 | 9.6  | 261.9  | 228.5 | 93.9 | 1.5 |
| 100 | 681  | 0.8 | 0.10528 | 15.9 | 0.01469 | 2.7 | 0.2 | 94.0 | 2.5 | 101.6 | 15.4 | 283.9  | 360.6 | 94.0 | 2.5 |
| 104 | 781  | 1.0 | 0.11313 | 22.2 | 0.01474 | 3.7 | 0.2 | 94.3 | 3.5 | 108.8 | 22.9 | 438.7  | 491.5 | 94.3 | 3.5 |
| 276 | 1822 | 0.7 | 0.10251 | 5.3  | 0.01480 | 3.0 | 0.6 | 94.7 | 2.8 | 99.1  | 5.0  | 206.5  | 103.0 | 94.7 | 2.8 |
| 198 | 1430 | 0.9 | 0.10076 | 9.2  | 0.01488 | 1.8 | 0.2 | 95.2 | 1.7 | 97.5  | 8.5  | 153.2  | 211.0 | 95.2 | 1.7 |
| 206 | 2030 | 1.1 | 0.10228 | 5.8  | 0.01491 | 1.8 | 0.3 | 95.4 | 1.7 | 98.9  | 5.5  | 183.2  | 128.7 | 95.4 | 1.7 |
| 254 | 3020 | 0.9 | 0.09619 | 8.3  | 0.01493 | 1.1 | 0.1 | 95.5 | 1.0 | 93.3  | 7.4  | 35.8   | 198.5 | 95.5 | 1.0 |

|     |      |     |         |      |         |     |     |       |      |       |      |        |       |       |      |
|-----|------|-----|---------|------|---------|-----|-----|-------|------|-------|------|--------|-------|-------|------|
| 179 | 1306 | 0.9 | 0.09651 | 9.2  | 0.01503 | 1.1 | 0.1 | 96.2  | 1.1  | 93.6  | 8.2  | 27.5   | 218.2 | 96.2  | 1.1  |
| 238 | 1239 | 0.8 | 0.10163 | 8.3  | 0.01505 | 2.5 | 0.3 | 96.3  | 2.4  | 98.3  | 7.8  | 146.8  | 186.8 | 96.3  | 2.4  |
| 253 | 1897 | 0.9 | 0.11638 | 9.9  | 0.01507 | 2.0 | 0.2 | 96.4  | 1.9  | 111.8 | 10.5 | 453.4  | 216.8 | 96.4  | 1.9  |
| 144 | 1406 | 1.3 | 0.11226 | 14.0 | 0.01517 | 3.0 | 0.2 | 97.0  | 2.9  | 108.0 | 14.4 | 357.8  | 310.5 | 97.0  | 2.9  |
| 125 | 1225 | 1.1 | 0.10449 | 16.9 | 0.01525 | 2.8 | 0.2 | 97.5  | 2.7  | 100.9 | 16.3 | 181.3  | 391.4 | 97.5  | 2.7  |
| 236 | 2133 | 0.8 | 0.10504 | 6.5  | 0.01528 | 2.4 | 0.4 | 97.8  | 2.3  | 101.4 | 6.3  | 188.3  | 141.2 | 97.8  | 2.3  |
| 182 | 1517 | 0.9 | 0.09754 | 6.8  | 0.01528 | 2.2 | 0.3 | 97.8  | 2.1  | 94.5  | 6.2  | 12.8   | 155.7 | 97.8  | 2.1  |
| 180 | 1305 | 0.9 | 0.10930 | 8.8  | 0.01534 | 3.3 | 0.4 | 98.1  | 3.2  | 105.3 | 8.8  | 270.7  | 186.3 | 98.1  | 3.2  |
| 255 | 2621 | 1.1 | 0.11247 | 6.3  | 0.01543 | 1.3 | 0.2 | 98.7  | 1.2  | 108.2 | 6.5  | 322.4  | 141.2 | 98.7  | 1.2  |
| 131 | 1037 | 0.7 | 0.10253 | 16.8 | 0.01550 | 2.8 | 0.2 | 99.1  | 2.7  | 99.1  | 15.8 | 98.3   | 393.6 | 99.1  | 2.7  |
| 129 | 1014 | 1.2 | 0.10986 | 12.6 | 0.01552 | 2.0 | 0.2 | 99.3  | 2.0  | 105.8 | 12.6 | 256.6  | 286.2 | 99.3  | 2.0  |
| 156 | 776  | 1.1 | 0.14117 | 24.9 | 0.01554 | 3.8 | 0.2 | 99.4  | 3.8  | 134.1 | 31.3 | 802.7  | 522.8 | 99.4  | 3.8  |
| 201 | 2126 | 1.0 | 0.10634 | 7.2  | 0.01562 | 2.6 | 0.4 | 99.9  | 2.6  | 102.6 | 7.0  | 165.6  | 157.2 | 99.9  | 2.6  |
| 192 | 1868 | 0.9 | 0.11266 | 9.4  | 0.01577 | 2.0 | 0.2 | 100.9 | 2.0  | 108.4 | 9.7  | 277.4  | 210.8 | 100.9 | 2.0  |
| 478 | 4920 | 1.0 | 0.10658 | 4.8  | 0.01597 | 2.6 | 0.6 | 102.1 | 2.7  | 102.8 | 4.6  | 119.3  | 93.1  | 102.1 | 2.7  |
| 104 | 1258 | 1.1 | 0.08508 | 15.0 | 0.01606 | 2.7 | 0.2 | 102.7 | 2.7  | 82.9  | 12.0 | -455.5 | 391.5 | 102.7 | 2.7  |
| 184 | 1832 | 1.2 | 0.10318 | 9.3  | 0.01606 | 1.4 | 0.2 | 102.7 | 1.5  | 99.7  | 8.8  | 28.8   | 220.8 | 102.7 | 1.5  |
| 396 | 3738 | 0.9 | 0.10568 | 6.0  | 0.01610 | 1.5 | 0.2 | 103.0 | 1.5  | 102.0 | 5.9  | 79.4   | 138.9 | 103.0 | 1.5  |
| 269 | 1894 | 1.3 | 0.11214 | 4.4  | 0.01619 | 1.4 | 0.3 | 103.5 | 1.4  | 107.9 | 4.5  | 206.3  | 96.9  | 103.5 | 1.4  |
| 214 | 1664 | 1.1 | 0.12778 | 13.7 | 0.01632 | 4.0 | 0.3 | 104.4 | 4.1  | 122.1 | 15.8 | 483.1  | 290.5 | 104.4 | 4.1  |
| 90  | 537  | 1.0 | 0.10627 | 10.5 | 0.01635 | 4.7 | 0.4 | 104.6 | 4.9  | 102.6 | 10.2 | 55.7   | 224.1 | 104.6 | 4.9  |
| 199 | 2334 | 1.1 | 0.11340 | 10.6 | 0.01653 | 1.3 | 0.1 | 105.7 | 1.3  | 109.1 | 11.0 | 183.7  | 246.2 | 105.7 | 1.3  |
| 133 | 1052 | 1.2 | 0.12718 | 12.3 | 0.01699 | 2.1 | 0.2 | 108.6 | 2.3  | 121.6 | 14.1 | 383.3  | 273.9 | 108.6 | 2.3  |
| 222 | 2256 | 1.0 | 0.11977 | 9.2  | 0.01724 | 1.8 | 0.2 | 110.2 | 2.0  | 114.9 | 10.0 | 213.4  | 210.3 | 110.2 | 2.0  |
| 118 | 1472 | 1.7 | 0.10456 | 22.6 | 0.01788 | 3.5 | 0.2 | 114.3 | 4.0  | 101.0 | 21.7 | -202.3 | 564.6 | 114.3 | 4.0  |
| 83  | 873  | 0.9 | 0.13167 | 16.6 | 0.01901 | 3.3 | 0.2 | 121.4 | 4.0  | 125.6 | 19.6 | 205.9  | 379.7 | 121.4 | 4.0  |
| 312 | 4324 | 1.7 | 0.12734 | 4.6  | 0.01915 | 1.6 | 0.3 | 122.3 | 1.9  | 121.7 | 5.3  | 110.4  | 102.1 | 122.3 | 1.9  |
| 117 | 1447 | 1.4 | 0.12044 | 14.9 | 0.01933 | 1.1 | 0.1 | 123.4 | 1.4  | 115.5 | 16.3 | -45.6  | 363.6 | 123.4 | 1.4  |
| 223 | 2086 | 1.3 | 0.13347 | 5.9  | 0.01936 | 2.7 | 0.4 | 123.6 | 3.2  | 127.2 | 7.1  | 194.4  | 122.8 | 123.6 | 3.2  |
| 66  | 939  | 1.3 | 0.12916 | 18.7 | 0.02003 | 4.5 | 0.2 | 127.9 | 5.7  | 123.3 | 21.7 | 36.7   | 437.9 | 127.9 | 5.7  |
| 80  | 1151 | 1.6 | 0.11948 | 12.2 | 0.02011 | 1.8 | 0.1 | 128.3 | 2.2  | 114.6 | 13.2 | -162.0 | 300.2 | 128.3 | 2.2  |
| 613 | 7921 | 1.0 | 0.13904 | 2.3  | 0.02014 | 1.9 | 0.8 | 128.5 | 2.4  | 132.2 | 2.9  | 198.2  | 31.1  | 128.5 | 2.4  |
| 77  | 1230 | 1.1 | 0.15134 | 14.7 | 0.02084 | 1.8 | 0.1 | 133.0 | 2.4  | 143.1 | 19.7 | 314.3  | 334.2 | 133.0 | 2.4  |
| 88  | 1084 | 1.4 | 0.16877 | 14.4 | 0.02112 | 2.9 | 0.2 | 134.7 | 3.9  | 158.3 | 21.2 | 528.2  | 311.3 | 134.7 | 3.9  |
| 76  | 886  | 1.7 | 0.19319 | 20.8 | 0.02144 | 2.7 | 0.1 | 136.7 | 3.6  | 179.3 | 34.2 | 785.9  | 437.3 | 136.7 | 3.6  |
| 124 | 2393 | 1.1 | 0.29215 | 4.8  | 0.03893 | 2.0 | 0.4 | 246.2 | 4.9  | 260.2 | 11.1 | 388.9  | 98.3  | 246.2 | 4.9  |
| 406 | 9280 | 1.3 | 0.29995 | 2.7  | 0.04167 | 1.7 | 0.6 | 263.2 | 4.4  | 266.4 | 6.3  | 294.6  | 48.2  | 263.2 | 4.4  |
| 65  | 1402 | 1.2 | 0.37160 | 7.4  | 0.04581 | 2.9 | 0.4 | 288.7 | 8.2  | 320.8 | 20.4 | 560.9  | 148.5 | 288.7 | 8.2  |
| 181 | 4472 | 1.8 | 0.37711 | 3.8  | 0.05235 | 2.2 | 0.6 | 328.9 | 7.1  | 324.9 | 10.4 | 296.2  | 69.4  | 328.9 | 7.1  |
| 118 | 3132 | 0.6 | 0.53611 | 4.2  | 0.06860 | 1.9 | 0.4 | 427.7 | 7.7  | 435.9 | 14.8 | 479.1  | 82.6  | 427.7 | 7.7  |
| 272 | 4827 | 0.8 | 0.59424 | 10.9 | 0.07079 | 5.4 | 0.5 | 440.9 | 22.9 | 473.6 | 41.4 | 635.1  | 205.5 | 440.9 | 22.9 |
| 112 | 2595 | 0.9 | 0.61558 | 5.1  | 0.07443 | 2.1 | 0.4 | 462.8 | 9.5  | 487.1 | 19.8 | 602.9  | 100.7 | 462.8 | 9.5  |

|     |       |      |         |     |         |     |     |        |      |        |      |        |       |        |      |
|-----|-------|------|---------|-----|---------|-----|-----|--------|------|--------|------|--------|-------|--------|------|
| 696 | 10581 | 5.1  | 0.65342 | 3.4 | 0.07763 | 3.1 | 0.9 | 482.0  | 14.5 | 510.6  | 13.8 | 640.9  | 31.5  | 482.0  | 14.5 |
| 259 | 8114  | 1.1  | 0.68090 | 6.3 | 0.08253 | 2.3 | 0.4 | 511.2  | 11.3 | 527.3  | 25.9 | 597.6  | 127.1 | 511.2  | 11.3 |
| 818 | 22857 | 4.5  | 0.76782 | 3.9 | 0.09312 | 3.7 | 1.0 | 574.0  | 20.5 | 578.5  | 17.0 | 596.3  | 21.7  | 574.0  | 20.5 |
| 118 | 7038  | 0.9  | 0.75826 | 5.0 | 0.09342 | 3.7 | 0.7 | 575.7  | 20.4 | 573.0  | 22.0 | 562.2  | 74.4  | 575.7  | 20.4 |
| 196 | 10864 | 1.5  | 0.75412 | 3.5 | 0.09391 | 3.3 | 0.9 | 578.6  | 18.0 | 570.6  | 15.3 | 538.8  | 28.7  | 578.6  | 18.0 |
| 361 | 21227 | 2.5  | 0.86591 | 2.0 | 0.09986 | 1.8 | 0.9 | 613.6  | 10.3 | 633.3  | 9.5  | 704.6  | 21.4  | 613.6  | 10.3 |
| 102 | 4517  | 1.8  | 0.88808 | 3.4 | 0.10238 | 1.0 | 0.3 | 628.4  | 6.3  | 645.3  | 16.4 | 705.2  | 69.5  | 628.4  | 6.3  |
| 194 | 12977 | 1.0  | 0.91091 | 2.2 | 0.10975 | 1.9 | 0.9 | 671.3  | 12.2 | 657.5  | 10.5 | 610.6  | 21.9  | 671.3  | 12.2 |
| 657 | 25184 | 2.0  | 1.03596 | 2.6 | 0.11460 | 2.4 | 0.9 | 699.4  | 16.0 | 721.9  | 13.5 | 792.5  | 21.2  | 699.4  | 16.0 |
| 606 | 38057 | 1.1  | 1.31375 | 1.4 | 0.13762 | 1.0 | 0.7 | 831.2  | 7.8  | 851.8  | 8.2  | 905.8  | 20.6  | 831.2  | 7.8  |
| 78  | 7654  | 2.0  | 1.53764 | 2.0 | 0.15910 | 1.0 | 0.5 | 951.8  | 9.1  | 945.6  | 12.3 | 931.1  | 35.1  | 931.1  | 35.1 |
| 111 | 10910 | 2.4  | 1.55693 | 3.1 | 0.15992 | 2.8 | 0.9 | 956.3  | 25.3 | 953.3  | 19.4 | 946.2  | 26.9  | 946.2  | 26.9 |
| 36  | 3865  | 0.6  | 1.66678 | 2.8 | 0.16813 | 1.6 | 0.6 | 1001.8 | 15.2 | 996.0  | 18.0 | 983.1  | 47.2  | 983.1  | 47.2 |
| 597 | 29377 | 7.8  | 1.62211 | 2.2 | 0.16209 | 1.9 | 0.9 | 968.4  | 17.1 | 978.8  | 13.5 | 1002.2 | 20.4  | 1002.2 | 20.4 |
| 157 | 14760 | 1.4  | 1.63604 | 1.5 | 0.16301 | 1.1 | 0.7 | 973.5  | 9.8  | 984.2  | 9.3  | 1008.2 | 20.4  | 1008.2 | 20.4 |
| 379 | 45076 | 3.3  | 1.71422 | 1.4 | 0.17055 | 1.0 | 0.7 | 1015.1 | 9.4  | 1013.9 | 9.1  | 1011.1 | 20.3  | 1011.1 | 20.3 |
| 130 | 10221 | 1.1  | 1.59604 | 2.8 | 0.15844 | 2.6 | 0.9 | 948.1  | 23.0 | 968.7  | 17.7 | 1015.6 | 22.4  | 1015.6 | 22.4 |
| 556 | 50147 | 2.6  | 1.61617 | 3.9 | 0.16041 | 3.8 | 1.0 | 959.1  | 33.8 | 976.5  | 24.8 | 1015.9 | 22.3  | 1015.9 | 22.3 |
| 225 | 22496 | 2.3  | 1.72136 | 3.7 | 0.17018 | 3.6 | 1.0 | 1013.1 | 33.5 | 1016.5 | 23.8 | 1023.9 | 20.3  | 1023.9 | 20.3 |
| 73  | 6400  | 0.7  | 1.73502 | 3.2 | 0.17129 | 2.2 | 0.7 | 1019.2 | 20.7 | 1021.6 | 20.4 | 1026.8 | 46.2  | 1026.8 | 46.2 |
| 45  | 5161  | 1.4  | 1.70865 | 3.0 | 0.16830 | 1.7 | 0.6 | 1002.7 | 16.1 | 1011.8 | 19.0 | 1031.4 | 48.9  | 1031.4 | 48.9 |
| 229 | 26693 | 3.1  | 1.79143 | 4.9 | 0.17517 | 4.8 | 1.0 | 1040.5 | 46.0 | 1042.3 | 31.9 | 1046.1 | 20.2  | 1046.1 | 20.2 |
| 458 | 33647 | 11.8 | 1.69021 | 2.8 | 0.16440 | 2.7 | 0.9 | 981.2  | 24.2 | 1004.8 | 18.1 | 1056.7 | 20.3  | 1056.7 | 20.3 |
| 81  | 5336  | 1.1  | 1.72856 | 2.2 | 0.16649 | 1.6 | 0.7 | 992.8  | 14.3 | 1019.2 | 14.1 | 1076.5 | 30.9  | 1076.5 | 30.9 |
| 167 | 18713 | 2.4  | 1.87109 | 3.4 | 0.17703 | 3.1 | 0.9 | 1050.8 | 30.5 | 1070.9 | 22.3 | 1112.2 | 24.0  | 1112.2 | 24.0 |
| 215 | 21743 | 1.9  | 1.88371 | 1.4 | 0.17736 | 1.0 | 0.7 | 1052.5 | 9.7  | 1075.4 | 9.4  | 1122.0 | 20.0  | 1122.0 | 20.0 |
| 107 | 13318 | 2.1  | 1.94814 | 2.1 | 0.18298 | 1.6 | 0.8 | 1083.2 | 16.0 | 1097.8 | 13.9 | 1126.8 | 26.2  | 1126.8 | 26.2 |
| 177 | 16780 | 3.4  | 2.00143 | 1.8 | 0.18549 | 1.5 | 0.8 | 1096.9 | 15.2 | 1116.0 | 12.2 | 1153.4 | 19.9  | 1153.4 | 19.9 |
| 105 | 12266 | 2.0  | 2.13658 | 2.8 | 0.19786 | 2.6 | 0.9 | 1163.8 | 27.4 | 1160.7 | 19.1 | 1154.9 | 20.1  | 1154.9 | 20.1 |
| 387 | 30703 | 1.9  | 1.80194 | 3.5 | 0.16478 | 3.4 | 1.0 | 983.3  | 30.9 | 1046.2 | 23.1 | 1179.9 | 19.8  | 1179.9 | 19.8 |
| 271 | 25542 | 1.3  | 1.95678 | 8.0 | 0.17817 | 7.9 | 1.0 | 1057.0 | 77.5 | 1100.8 | 53.9 | 1188.4 | 19.8  | 1188.4 | 19.8 |
| 591 | 45744 | 15.8 | 2.02773 | 1.4 | 0.18414 | 1.0 | 0.7 | 1089.5 | 10.0 | 1124.9 | 9.6  | 1193.7 | 19.7  | 1193.7 | 19.7 |
| 106 | 11903 | 1.9  | 2.19984 | 2.0 | 0.19955 | 1.6 | 0.8 | 1172.9 | 17.5 | 1181.0 | 14.2 | 1195.9 | 23.7  | 1195.9 | 23.7 |
| 148 | 17513 | 1.0  | 2.27223 | 3.8 | 0.20423 | 3.6 | 1.0 | 1198.0 | 39.6 | 1203.7 | 26.5 | 1213.9 | 19.8  | 1213.9 | 19.8 |
| 139 | 17858 | 1.8  | 3.18072 | 1.7 | 0.25674 | 1.4 | 0.8 | 1473.2 | 18.1 | 1452.5 | 13.1 | 1422.4 | 19.2  | 1422.4 | 19.2 |
| 109 | 19680 | 1.5  | 3.83867 | 1.9 | 0.28141 | 1.7 | 0.9 | 1598.5 | 23.4 | 1600.9 | 15.6 | 1604.1 | 18.7  | 1604.1 | 18.7 |
| 564 | 51508 | 1.4  | 3.36094 | 1.6 | 0.24460 | 1.3 | 0.8 | 1410.6 | 16.0 | 1495.3 | 12.6 | 1617.6 | 18.6  | 1617.6 | 18.6 |
| 186 | 37600 | 2.3  | 4.86532 | 1.8 | 0.31999 | 1.6 | 0.8 | 1789.7 | 24.3 | 1796.3 | 15.6 | 1803.9 | 18.2  | 1803.9 | 18.2 |
| 54  | 9166  | 0.5  | 5.36834 | 2.0 | 0.32588 | 1.7 | 0.9 | 1818.4 | 27.2 | 1879.8 | 17.0 | 1948.4 | 17.9  | 1948.4 | 17.9 |
| 167 | 28367 | 1.0  | 5.26164 | 1.6 | 0.31802 | 1.2 | 0.8 | 1780.1 | 18.8 | 1862.7 | 13.4 | 1956.1 | 17.9  | 1956.1 | 17.9 |
| 64  | 10402 | 0.8  | 5.67502 | 1.7 | 0.34102 | 1.4 | 0.8 | 1891.6 | 23.5 | 1927.6 | 15.1 | 1966.5 | 17.9  | 1966.5 | 17.9 |

Sample 9 Coalcomán Redbeds

|      |       |     |         |      |         |     |     |      |     |       |      |        |        |      |     |
|------|-------|-----|---------|------|---------|-----|-----|------|-----|-------|------|--------|--------|------|-----|
| 356  | 4035  | 0.6 | 0.06766 | 13.1 | 0.01015 | 2.7 | 0.2 | 65.1 | 1.7 | 66.5  | 8.4  | 115.1  | 304.2  | 65.1 | 1.7 |
| 342  | 2869  | 1.4 | 0.08122 | 12.0 | 0.01036 | 2.9 | 0.2 | 66.4 | 1.9 | 79.3  | 9.2  | 487.0  | 258.5  | 66.4 | 1.9 |
| 347  | 3056  | 1.1 | 0.07397 | 8.7  | 0.01044 | 2.3 | 0.3 | 67.0 | 1.5 | 72.5  | 6.1  | 257.3  | 193.9  | 67.0 | 1.5 |
| 307  | 3459  | 1.5 | 0.08919 | 9.2  | 0.01053 | 3.0 | 0.3 | 67.5 | 2.0 | 86.7  | 7.7  | 653.7  | 187.4  | 67.5 | 2.0 |
| 197  | 1823  | 2.1 | 0.07005 | 18.7 | 0.01053 | 2.1 | 0.1 | 67.6 | 1.4 | 68.7  | 12.4 | 110.4  | 442.5  | 67.6 | 1.4 |
| 602  | 4900  | 1.3 | 0.07286 | 4.9  | 0.01061 | 1.6 | 0.3 | 68.0 | 1.1 | 71.4  | 3.4  | 185.6  | 108.4  | 68.0 | 1.1 |
| 151  | 1676  | 1.2 | 0.06950 | 29.6 | 0.01068 | 3.8 | 0.1 | 68.5 | 2.6 | 68.2  | 19.6 | 58.1   | 714.1  | 68.5 | 2.6 |
| 204  | 1879  | 1.9 | 0.07429 | 30.4 | 0.01069 | 5.1 | 0.2 | 68.5 | 3.5 | 72.8  | 21.3 | 214.7  | 707.5  | 68.5 | 3.5 |
| 151  | 892   | 1.7 | 0.08575 | 35.4 | 0.01069 | 4.3 | 0.1 | 68.6 | 2.9 | 83.5  | 28.4 | 535.9  | 792.3  | 68.6 | 2.9 |
| 102  | 774   | 1.0 | 0.06438 | 20.2 | 0.01074 | 5.2 | 0.3 | 68.9 | 3.6 | 63.4  | 12.4 | -140.0 | 486.5  | 68.9 | 3.6 |
| 222  | 2228  | 1.4 | 0.07903 | 14.5 | 0.01074 | 3.4 | 0.2 | 68.9 | 2.3 | 77.2  | 10.8 | 343.9  | 321.2  | 68.9 | 2.3 |
| 189  | 1491  | 1.4 | 0.09731 | 23.7 | 0.01085 | 5.6 | 0.2 | 69.6 | 3.9 | 94.3  | 21.3 | 775.2  | 489.5  | 69.6 | 3.9 |
| 90   | 812   | 1.5 | 0.08592 | 19.9 | 0.01090 | 5.7 | 0.3 | 69.9 | 4.0 | 83.7  | 16.0 | 497.9  | 422.8  | 69.9 | 4.0 |
| 297  | 2945  | 0.7 | 0.08715 | 10.4 | 0.01090 | 2.2 | 0.2 | 69.9 | 1.5 | 84.8  | 8.5  | 529.0  | 224.3  | 69.9 | 1.5 |
| 162  | 1350  | 1.1 | 0.07816 | 20.6 | 0.01096 | 3.6 | 0.2 | 70.3 | 2.5 | 76.4  | 15.2 | 273.4  | 470.3  | 70.3 | 2.5 |
| 127  | 1243  | 1.6 | 0.06857 | 41.4 | 0.01101 | 4.3 | 0.1 | 70.6 | 3.0 | 67.3  | 27.0 | -45.8  | 1041.6 | 70.6 | 3.0 |
| 254  | 2731  | 5.5 | 0.07533 | 23.9 | 0.01102 | 5.0 | 0.2 | 70.7 | 3.5 | 73.7  | 17.0 | 174.7  | 552.7  | 70.7 | 3.5 |
| 695  | 7002  | 2.2 | 0.07603 | 7.2  | 0.01103 | 1.3 | 0.2 | 70.7 | 0.9 | 74.4  | 5.2  | 193.9  | 165.0  | 70.7 | 0.9 |
| 44   | 453   | 1.3 | 0.06858 | 38.6 | 0.01106 | 9.5 | 0.2 | 70.9 | 6.7 | 67.4  | 25.1 | -57.4  | 940.2  | 70.9 | 6.7 |
| 410  | 4016  | 0.7 | 0.08235 | 9.7  | 0.01107 | 5.3 | 0.5 | 70.9 | 3.8 | 80.4  | 7.5  | 370.0  | 183.1  | 70.9 | 3.8 |
| 139  | 1003  | 1.6 | 0.07271 | 23.1 | 0.01110 | 4.6 | 0.2 | 71.2 | 3.3 | 71.3  | 15.9 | 74.6   | 544.0  | 71.2 | 3.3 |
| 220  | 2556  | 1.2 | 0.07676 | 11.7 | 0.01117 | 3.7 | 0.3 | 71.6 | 2.6 | 75.1  | 8.5  | 187.8  | 259.4  | 71.6 | 2.6 |
| 137  | 1905  | 1.4 | 0.10395 | 25.7 | 0.01124 | 2.8 | 0.1 | 72.1 | 2.0 | 100.4 | 24.6 | 839.4  | 541.1  | 72.1 | 2.0 |
| 83   | 1048  | 1.2 | 0.09772 | 39.5 | 0.01128 | 5.9 | 0.1 | 72.3 | 4.2 | 94.7  | 35.7 | 703.2  | 864.0  | 72.3 | 4.2 |
| 144  | 1559  | 1.5 | 0.07567 | 25.6 | 0.01133 | 2.9 | 0.1 | 72.6 | 2.1 | 74.1  | 18.3 | 120.1  | 608.0  | 72.6 | 2.1 |
| 145  | 1695  | 1.9 | 0.07677 | 27.5 | 0.01137 | 5.7 | 0.2 | 72.9 | 4.2 | 75.1  | 19.9 | 145.5  | 640.5  | 72.9 | 4.2 |
| 408  | 4359  | 1.6 | 0.08193 | 6.3  | 0.01152 | 1.4 | 0.2 | 73.8 | 1.0 | 80.0  | 4.8  | 267.9  | 140.9  | 73.8 | 1.0 |
| 788  | 5182  | 1.0 | 0.08629 | 8.6  | 0.01165 | 7.4 | 0.9 | 74.7 | 5.5 | 84.0  | 6.9  | 358.8  | 98.2   | 74.7 | 5.5 |
| 327  | 2418  | 1.4 | 0.08453 | 14.7 | 0.01178 | 3.7 | 0.2 | 75.5 | 2.8 | 82.4  | 11.6 | 286.5  | 326.8  | 75.5 | 2.8 |
| 252  | 1949  | 1.3 | 0.08330 | 16.2 | 0.01189 | 6.5 | 0.4 | 76.2 | 4.9 | 81.2  | 12.7 | 231.5  | 345.6  | 76.2 | 4.9 |
| 69   | 719   | 1.1 | 0.07830 | 48.2 | 0.01203 | 8.1 | 0.2 | 77.1 | 6.2 | 76.5  | 35.5 | 60.4   | 1194.0 | 77.1 | 6.2 |
| 1929 | 15564 | 2.6 | 0.08049 | 2.8  | 0.01210 | 2.0 | 0.7 | 77.5 | 1.6 | 78.6  | 2.1  | 111.1  | 45.9   | 77.5 | 1.6 |
| 220  | 978   | 2.2 | 0.08041 | 13.2 | 0.01224 | 4.5 | 0.3 | 78.4 | 3.5 | 78.5  | 10.0 | 81.4   | 296.4  | 78.4 | 3.5 |
| 286  | 1846  | 1.6 | 0.11668 | 9.9  | 0.01240 | 3.4 | 0.3 | 79.4 | 2.7 | 112.1 | 10.5 | 876.7  | 193.1  | 79.4 | 2.7 |
| 1294 | 13143 | 0.7 | 0.08011 | 3.4  | 0.01240 | 1.1 | 0.3 | 79.4 | 0.9 | 78.3  | 2.6  | 42.6   | 77.1   | 79.4 | 0.9 |
| 102  | 1388  | 1.5 | 0.07172 | 44.3 | 0.01241 | 4.2 | 0.1 | 79.5 | 3.3 | 70.3  | 30.1 | -231.0 | 1161.3 | 79.5 | 3.3 |
| 1268 | 6791  | 0.3 | 0.08508 | 5.1  | 0.01255 | 3.6 | 0.7 | 80.4 | 2.9 | 82.9  | 4.1  | 155.3  | 85.7   | 80.4 | 2.9 |
| 155  | 1275  | 2.0 | 0.10013 | 11.5 | 0.01257 | 4.9 | 0.4 | 80.5 | 3.9 | 96.9  | 10.7 | 521.6  | 229.5  | 80.5 | 3.9 |
| 610  | 6971  | 1.7 | 0.08568 | 6.1  | 0.01274 | 1.8 | 0.3 | 81.6 | 1.4 | 83.5  | 4.9  | 137.2  | 138.3  | 81.6 | 1.4 |
| 175  | 1953  | 1.2 | 0.09498 | 13.6 | 0.01276 | 3.8 | 0.3 | 81.7 | 3.1 | 92.1  | 12.0 | 371.3  | 295.5  | 81.7 | 3.1 |
| 440  | 2974  | 2.0 | 0.10814 | 10.2 | 0.01283 | 2.1 | 0.2 | 82.2 | 1.7 | 104.3 | 10.1 | 644.3  | 215.4  | 82.2 | 1.7 |
| 177  | 1978  | 1.1 | 0.09339 | 22.7 | 0.01287 | 2.8 | 0.1 | 82.4 | 2.3 | 90.7  | 19.7 | 313.2  | 518.0  | 82.4 | 2.3 |

|      |       |     |         |      |         |     |     |       |     |       |      |       |       |       |     |
|------|-------|-----|---------|------|---------|-----|-----|-------|-----|-------|------|-------|-------|-------|-----|
| 319  | 8539  | 1.8 | 0.09764 | 8.1  | 0.01287 | 1.3 | 0.2 | 82.4  | 1.1 | 94.6  | 7.3  | 412.9 | 179.3 | 82.4  | 1.1 |
| 255  | 3124  | 1.4 | 0.09631 | 16.5 | 0.01287 | 2.1 | 0.1 | 82.5  | 1.8 | 93.4  | 14.7 | 381.9 | 370.6 | 82.5  | 1.8 |
| 144  | 1434  | 1.1 | 0.10081 | 15.3 | 0.01291 | 4.6 | 0.3 | 82.7  | 3.8 | 97.5  | 14.3 | 477.1 | 325.0 | 82.7  | 3.8 |
| 338  | 1644  | 2.5 | 0.10674 | 9.7  | 0.01291 | 3.8 | 0.4 | 82.7  | 3.1 | 103.0 | 9.5  | 601.9 | 193.3 | 82.7  | 3.1 |
| 216  | 1925  | 1.7 | 0.10940 | 18.1 | 0.01299 | 3.5 | 0.2 | 83.2  | 2.9 | 105.4 | 18.2 | 642.9 | 385.5 | 83.2  | 2.9 |
| 198  | 2488  | 1.7 | 0.10162 | 14.9 | 0.01299 | 3.8 | 0.3 | 83.2  | 3.1 | 98.3  | 14.0 | 482.0 | 320.9 | 83.2  | 3.1 |
| 127  | 1278  | 1.1 | 0.09988 | 21.1 | 0.01302 | 4.8 | 0.2 | 83.4  | 4.0 | 96.7  | 19.5 | 437.1 | 462.8 | 83.4  | 4.0 |
| 80   | 1224  | 1.6 | 0.09986 | 17.9 | 0.01304 | 5.4 | 0.3 | 83.5  | 4.5 | 96.7  | 16.5 | 433.5 | 381.5 | 83.5  | 4.5 |
| 363  | 4081  | 2.5 | 0.08748 | 10.0 | 0.01306 | 3.5 | 0.4 | 83.7  | 2.9 | 85.2  | 8.2  | 127.5 | 220.7 | 83.7  | 2.9 |
| 206  | 1836  | 1.4 | 0.09795 | 11.6 | 0.01310 | 4.2 | 0.4 | 83.9  | 3.5 | 94.9  | 10.5 | 380.2 | 242.6 | 83.9  | 3.5 |
| 778  | 9502  | 2.0 | 0.08689 | 6.5  | 0.01318 | 2.6 | 0.4 | 84.4  | 2.2 | 84.6  | 5.3  | 89.8  | 141.7 | 84.4  | 2.2 |
| 182  | 1650  | 1.3 | 0.12532 | 15.8 | 0.01319 | 2.2 | 0.1 | 84.5  | 1.8 | 119.9 | 17.9 | 895.9 | 325.3 | 84.5  | 1.8 |
| 80   | 1017  | 1.8 | 0.11379 | 32.7 | 0.01323 | 4.6 | 0.1 | 84.7  | 3.8 | 109.4 | 33.9 | 687.3 | 708.6 | 84.7  | 3.8 |
| 375  | 5060  | 2.4 | 0.09064 | 7.0  | 0.01324 | 2.3 | 0.3 | 84.8  | 1.9 | 88.1  | 5.9  | 179.2 | 154.0 | 84.8  | 1.9 |
| 420  | 2510  | 1.7 | 0.10320 | 14.3 | 0.01325 | 3.0 | 0.2 | 84.9  | 2.5 | 99.7  | 13.5 | 470.9 | 310.1 | 84.9  | 2.5 |
| 531  | 7071  | 1.9 | 0.08907 | 8.6  | 0.01327 | 3.7 | 0.4 | 85.0  | 3.2 | 86.6  | 7.2  | 132.2 | 182.6 | 85.0  | 3.2 |
| 51   | 7624  | 1.4 | 0.10487 | 23.5 | 0.01328 | 9.8 | 0.4 | 85.0  | 8.3 | 101.3 | 22.7 | 502.6 | 475.6 | 85.0  | 8.3 |
| 274  | 3425  | 1.4 | 0.09721 | 11.5 | 0.01329 | 4.7 | 0.4 | 85.1  | 4.0 | 94.2  | 10.3 | 331.3 | 238.4 | 85.1  | 4.0 |
| 406  | 3644  | 2.5 | 0.10489 | 13.6 | 0.01331 | 4.9 | 0.4 | 85.2  | 4.2 | 101.3 | 13.1 | 497.9 | 279.4 | 85.2  | 4.2 |
| 66   | 1010  | 1.6 | 0.10827 | 35.3 | 0.01336 | 6.2 | 0.2 | 85.6  | 5.3 | 104.4 | 35.0 | 558.3 | 779.4 | 85.6  | 5.3 |
| 1353 | 14977 | 6.9 | 0.08965 | 2.7  | 0.01337 | 1.9 | 0.7 | 85.6  | 1.6 | 87.2  | 2.2  | 130.2 | 42.9  | 85.6  | 1.6 |
| 779  | 6621  | 2.0 | 0.09108 | 7.3  | 0.01341 | 1.2 | 0.2 | 85.9  | 1.0 | 88.5  | 6.2  | 160.2 | 168.4 | 85.9  | 1.0 |
| 399  | 5043  | 2.0 | 0.09889 | 6.0  | 0.01345 | 2.0 | 0.3 | 86.1  | 1.7 | 95.7  | 5.5  | 342.3 | 127.6 | 86.1  | 1.7 |
| 763  | 8944  | 2.1 | 0.09349 | 7.6  | 0.01353 | 4.0 | 0.5 | 86.6  | 3.5 | 90.8  | 6.6  | 200.1 | 148.5 | 86.6  | 3.5 |
| 982  | 7573  | 1.5 | 0.09682 | 7.0  | 0.01357 | 5.1 | 0.7 | 86.9  | 4.4 | 93.8  | 6.3  | 273.6 | 112.0 | 86.9  | 4.4 |
| 265  | 2896  | 2.1 | 0.09522 | 15.3 | 0.01359 | 1.7 | 0.1 | 87.0  | 1.4 | 92.4  | 13.5 | 232.6 | 352.7 | 87.0  | 1.4 |
| 552  | 3649  | 2.4 | 0.09702 | 6.1  | 0.01360 | 1.6 | 0.3 | 87.1  | 1.4 | 94.0  | 5.5  | 273.8 | 135.3 | 87.1  | 1.4 |
| 497  | 5218  | 2.1 | 0.09365 | 10.3 | 0.01367 | 1.6 | 0.2 | 87.5  | 1.4 | 90.9  | 8.9  | 180.8 | 237.2 | 87.5  | 1.4 |
| 343  | 5018  | 1.4 | 0.09033 | 14.7 | 0.01370 | 2.4 | 0.2 | 87.7  | 2.1 | 87.8  | 12.4 | 90.2  | 346.0 | 87.7  | 2.1 |
| 1164 | 7744  | 2.2 | 0.09793 | 6.8  | 0.01370 | 3.7 | 0.6 | 87.7  | 3.3 | 94.9  | 6.1  | 278.1 | 129.0 | 87.7  | 3.3 |
| 675  | 10103 | 1.5 | 0.09594 | 6.4  | 0.01383 | 3.5 | 0.5 | 88.6  | 3.0 | 93.0  | 5.7  | 208.7 | 124.9 | 88.6  | 3.0 |
| 986  | 8945  | 1.6 | 0.09571 | 4.9  | 0.01388 | 4.1 | 0.9 | 88.8  | 3.6 | 92.8  | 4.3  | 196.1 | 59.4  | 88.8  | 3.6 |
| 707  | 9477  | 3.0 | 0.09502 | 6.1  | 0.01400 | 2.0 | 0.3 | 89.6  | 1.7 | 92.2  | 5.4  | 159.0 | 135.9 | 89.6  | 1.7 |
| 377  | 4670  | 1.9 | 0.09229 | 11.8 | 0.01406 | 3.1 | 0.3 | 90.0  | 2.8 | 89.6  | 10.2 | 79.4  | 272.2 | 90.0  | 2.8 |
| 329  | 3689  | 1.2 | 0.10577 | 13.5 | 0.01415 | 4.2 | 0.3 | 90.6  | 3.7 | 102.1 | 13.1 | 380.1 | 289.3 | 90.6  | 3.7 |
| 477  | 4348  | 2.8 | 0.11441 | 10.2 | 0.01416 | 1.6 | 0.2 | 90.6  | 1.5 | 110.0 | 10.6 | 552.7 | 220.1 | 90.6  | 1.5 |
| 431  | 6464  | 2.0 | 0.10248 | 6.5  | 0.01432 | 3.0 | 0.5 | 91.7  | 2.7 | 99.1  | 6.1  | 280.6 | 130.8 | 91.7  | 2.7 |
| 1037 | 12090 | 2.0 | 0.10277 | 4.8  | 0.01508 | 4.2 | 0.9 | 96.5  | 4.0 | 99.3  | 4.5  | 167.6 | 55.5  | 96.5  | 4.0 |
| 115  | 1886  | 1.5 | 0.13280 | 12.0 | 0.01581 | 6.4 | 0.5 | 101.1 | 6.4 | 126.6 | 14.2 | 636.1 | 218.4 | 101.1 | 6.4 |
| 123  | 2229  | 2.1 | 0.14276 | 20.9 | 0.01794 | 3.9 | 0.2 | 114.6 | 4.4 | 135.5 | 26.5 | 518.7 | 454.3 | 114.6 | 4.4 |
| 291  | 2081  | 1.6 | 0.16366 | 9.0  | 0.01890 | 3.9 | 0.4 | 120.7 | 4.7 | 153.9 | 12.8 | 701.4 | 171.9 | 120.7 | 4.7 |
| 132  | 1906  | 1.5 | 0.16147 | 13.8 | 0.01969 | 1.7 | 0.1 | 125.7 | 2.2 | 152.0 | 19.4 | 584.1 | 297.9 | 125.7 | 2.2 |

|     |       |     |         |      |         |     |     |        |      |        |      |        |       |        |      |
|-----|-------|-----|---------|------|---------|-----|-----|--------|------|--------|------|--------|-------|--------|------|
| 75  | 1450  | 2.1 | 0.15370 | 30.1 | 0.01985 | 5.3 | 0.2 | 126.7  | 6.6  | 145.2  | 40.7 | 458.9  | 669.9 | 126.7  | 6.6  |
| 250 | 5149  | 7.7 | 0.16212 | 6.0  | 0.02009 | 2.3 | 0.4 | 128.2  | 2.9  | 152.6  | 8.4  | 549.4  | 120.1 | 128.2  | 2.9  |
| 64  | 1290  | 2.1 | 0.12469 | 34.3 | 0.02012 | 5.1 | 0.1 | 128.4  | 6.5  | 119.3  | 38.6 | -58.7  | 847.9 | 128.4  | 6.5  |
| 99  | 2073  | 1.2 | 0.15619 | 19.0 | 0.02027 | 3.9 | 0.2 | 129.4  | 5.0  | 147.4  | 26.1 | 447.6  | 417.1 | 129.4  | 5.0  |
| 310 | 5224  | 0.9 | 0.14082 | 5.5  | 0.02045 | 1.9 | 0.3 | 130.5  | 2.4  | 133.8  | 6.9  | 192.3  | 120.9 | 130.5  | 2.4  |
| 874 | 17644 | 2.3 | 0.14219 | 1.7  | 0.02059 | 1.0 | 0.6 | 131.4  | 1.3  | 135.0  | 2.2  | 199.2  | 32.0  | 131.4  | 1.3  |
| 236 | 4356  | 2.1 | 0.15863 | 12.2 | 0.02115 | 3.3 | 0.3 | 134.9  | 4.4  | 149.5  | 17.0 | 387.1  | 265.5 | 134.9  | 4.4  |
| 153 | 3179  | 1.4 | 0.17315 | 14.4 | 0.02126 | 4.7 | 0.3 | 135.6  | 6.3  | 162.2  | 21.6 | 569.7  | 298.1 | 135.6  | 6.3  |
| 110 | 1680  | 1.9 | 0.17107 | 23.8 | 0.02139 | 2.9 | 0.1 | 136.4  | 4.0  | 160.4  | 35.4 | 529.8  | 525.2 | 136.4  | 4.0  |
| 65  | 1545  | 3.6 | 0.19762 | 19.2 | 0.02142 | 5.0 | 0.3 | 136.6  | 6.8  | 183.1  | 32.3 | 834.6  | 390.3 | 136.6  | 6.8  |
| 219 | 5126  | 2.0 | 0.16197 | 6.5  | 0.02154 | 3.3 | 0.5 | 137.4  | 4.5  | 152.4  | 9.2  | 393.2  | 125.8 | 137.4  | 4.5  |
| 47  | 1220  | 2.4 | 0.13598 | 17.7 | 0.02272 | 4.0 | 0.2 | 144.8  | 5.7  | 129.5  | 21.6 | -143.9 | 430.6 | 144.8  | 5.7  |
| 120 | 3151  | 2.6 | 0.17885 | 9.7  | 0.02341 | 3.0 | 0.3 | 149.2  | 4.5  | 167.1  | 14.9 | 429.0  | 205.6 | 149.2  | 4.5  |
| 182 | 3015  | 2.1 | 0.18268 | 17.6 | 0.02356 | 3.2 | 0.2 | 150.1  | 4.8  | 170.4  | 27.6 | 461.3  | 385.8 | 150.1  | 4.8  |
| 164 | 6972  | 2.2 | 0.29817 | 7.3  | 0.04124 | 1.4 | 0.2 | 260.5  | 3.5  | 265.0  | 17.1 | 304.2  | 164.4 | 260.5  | 3.5  |
| 91  | 20472 | 2.9 | 2.22567 | 3.2  | 0.20166 | 1.7 | 0.5 | 1184.2 | 18.2 | 1189.2 | 22.3 | 1198.1 | 53.1  | 1198.1 | 53.1 |
| 183 | 40499 | 1.7 | 3.48668 | 5.0  | 0.27022 | 4.9 | 1.0 | 1541.9 | 67.8 | 1524.2 | 39.8 | 1499.7 | 19.0  | 1499.7 | 19.0 |

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