|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table S3. Whole projectile point measurements. | | | | |  |  |  |  |  |  |  |  |  |  |
| Catalog ID | LW ratio | TL ratio | TW ratio | Area xy | Area xz | Density | Hull area | Hull orientation | Hull perimeter | Length | Max width | Max width y | Max width y pct | Outline perimeter |
| 274 | 3.28 | 0.072 | 0.236 | 701.22 | 48.65 | 2.63 | 746.04 | 177.55 | 127.62 | 58.51 | 17.15 | -4.61 | 38.97 | 133.07 |
| 275 | 3.26 | 0.084 | 0.275 | 896.95 | 69.89 | 2.63 | 946.79 | 179.70 | 141.23 | 64.39 | 19.65 | -10.19 | 31.14 | 146.00 |
| 276 | 3.02 | 0.096 | 0.290 | 760.69 | 67.72 | 3.02 | 801.83 | 1.81 | 129.21 | 57.73 | 19.05 | -15.38 | 17.84 | 133.25 |
| 277 | 3.50 | 0.137 | 0.480 | 806.30 | 93.64 | 2.54 | 847.56 | 1.74 | 137.65 | 63.00 | 17.95 | -5.33 | 37.62 | 141.98 |
| 280 | 2.57 | 0.130 | 0.335 | 686.88 | 69.89 | 2.65 | 724.23 | 9.64 | 118.28 | 50.10 | 19.40 | -14.88 | 13.97 | 122.18 |
| 281 | 3.08 | 0.108 | 0.333 | 700.71 | 63.23 | 2.68 | 755.10 | 176.38 | 126.56 | 57.41 | 16.85 | -6.36 | 35.53 | 131.45 |
| 282 | 2.73 | 0.124 | 0.339 | 693.71 | 81.65 | 2.62 | 748.92 | 176.34 | 123.19 | 54.93 | 20.10 | -8.78 | 29.58 | 128.23 |
| 283 | 1.98 | 0.113 | 0.223 | 526.63 | 70.38 | 2.66 | 578.85 | 6.44 | 101.18 | 43.20 | 20.55 | -1.77 | 40.97 | 107.05 |
| 284 | 2.39 | 0.134 | 0.320 | 335.28 | 43.76 | 2.47 | 357.12 | 5.50 | 78.80 | 33.54 | 13.65 | -0.17 | 47.41 | 81.70 |
| 285 | 2.84 | 0.107 | 0.303 | 515.29 | 47.97 | 2.66 | 553.86 | 177.90 | 104.88 | 47.10 | 16.05 | -3.28 | 38.96 | 109.16 |
| 286 | 2.91 | 0.103 | 0.300 | 749.73 | 70.70 | 2.72 | 786.52 | 0.95 | 125.72 | 56.83 | 19.15 | -6.27 | 34.93 | 130.02 |
| 326 | 4.55 | 0.070 | 0.320 | 1075.84 | 64.43 | 2.63 | 1186.09 | 1.98 | 187.37 | 88.58 | 19.40 | -14.21 | 29.97 | 194.74 |
| 327 | 3.35 | 0.104 | 0.349 | 910.68 | 87.63 | 2.58 | 978.11 | 1.01 | 146.93 | 67.68 | 20.00 | -10.36 | 32.21 | 153.07 |
| 1417 | 3.78 | 0.089 | 0.335 | 703.51 | 58.10 | 2.69 | 742.76 | 0.05 | 134.14 | 63.26 | 16.35 | -2.76 | 43.79 | 137.76 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Catalog ID | Thickness | Total reentrant area | Total reentrant area pct | Volume | Volume lower | Volume upper | Volume upper pct | Weight | Width | Timestamp |  |  |  |  |
| 274 | 4.20 | 41.53 | 5.57 | 1.76 | 0.62 | 1.14 | 64.87 | 4.63 | 17.82 | 3/3/16 |  |  |  |  |
| 275 | 5.43 | 43.28 | 4.57 | 2.71 | 1.10 | 1.61 | 59.36 | 7.15 | 19.76 | 3/3/16 |  |  |  |  |
| 276 | 5.53 | 35.23 | 4.39 | 2.49 | 1.15 | 1.34 | 53.92 | 7.51 | 19.09 | 3/3/16 |  |  |  |  |
| 277 | 8.64 | 34.49 | 4.07 | 3.56 | 1.52 | 2.04 | 57.20 | 9.05 | 18.01 | 3/3/16 |  |  |  |  |
| 280 | 6.53 | 33.08 | 4.57 | 2.33 | 1.13 | 1.20 | 51.50 | 6.18 | 19.47 | 3/3/16 |  |  |  |  |
| 281 | 6.21 | 48.95 | 6.48 | 2.26 | 0.97 | 1.30 | 57.32 | 6.06 | 18.63 | 3/3/16 |  |  |  |  |
| 282 | 6.82 | 50.11 | 6.69 | 2.53 | 1.25 | 1.29 | 50.77 | 6.64 | 20.14 | 3/3/16 |  |  |  |  |
| 283 | 4.87 | 47.87 | 8.27 | 1.50 | 0.74 | 0.76 | 50.63 | 3.98 | 21.80 | 3/3/16 |  |  |  |  |
| 284 | 4.49 | 18.18 | 5.09 | 0.89 | 0.41 | 0.47 | 53.32 | 2.19 | 14.04 | 3/3/16 |  |  |  |  |
| 285 | 5.02 | 34.02 | 6.14 | 1.34 | 0.51 | 0.83 | 61.89 | 3.58 | 16.58 | 3/3/16 |  |  |  |  |
| 286 | 5.87 | 32.79 | 4.17 | 2.39 | 1.17 | 1.22 | 51.14 | 6.49 | 19.56 | 3/3/16 |  |  |  |  |
| 326 | 6.22 | 102.96 | 8.68 | 3.49 | 1.58 | 1.91 | 54.72 | 9.21 | 19.45 | 3/3/16 |  |  |  |  |
| 327 | 7.05 | 62.20 | 6.36 | 3.31 | 1.40 | 1.91 | 57.76 | 8.54 | 20.20 | 3/3/16 |  |  |  |  |
| 1417 | 5.61 | 33.71 | 4.54 | 2.08 | 1.03 | 1.05 | 50.37 | 5.58 | 16.75 | 3/3/16 |  |  |  |  |