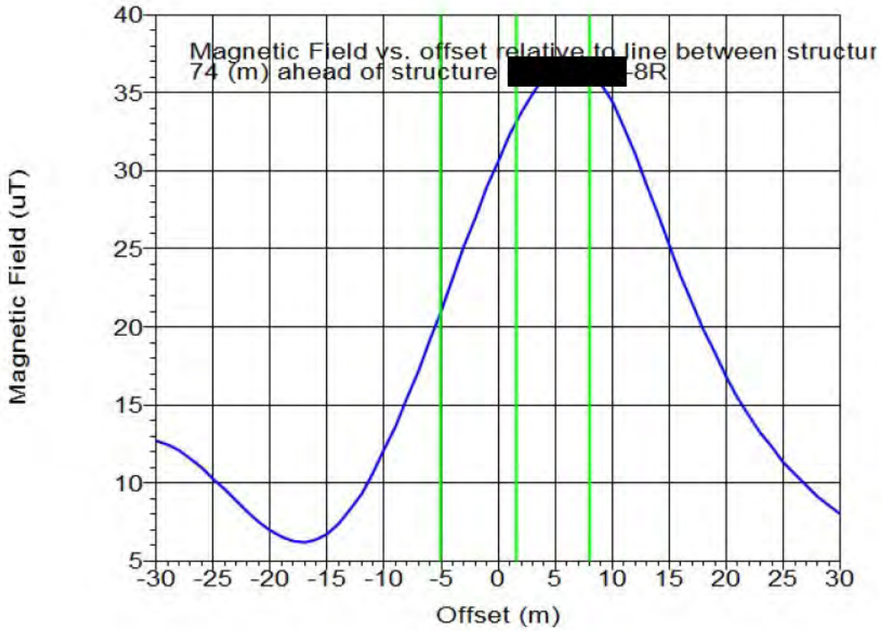
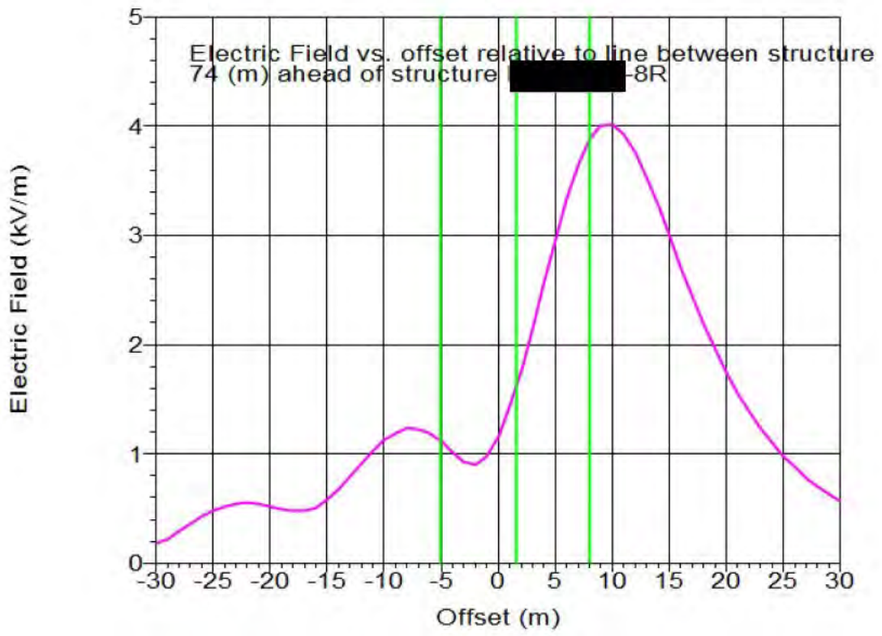



3D EMF Point Results Span from [redacted]/[redacted]-8R to Gantry 2:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248194.2 | 842853.7 | 128.0 | 10.607 | 7.083 | 33.7 | 12.754 | 17.1 | 10.150 | 0.142 | 0.115 | 38.8 | 0.183 | 69.7 | 0.056 | -0.164 | -71.0 | 0.173 |
| 248193.4 | 842853.1 | 128.0 | 10.181 | 7.217 | 35.3 | 12.479 | 17.5 | 9.930 | 0.208 | 0.083 | 21.8 | 0.225 | 39.6 | -0.021 | -0.101 | 78.0 | 0.103 |
| 248192.6 | 842852.6 | 128.0 | 9.676 | 7.237 | 36.8 | 12.083 | 17.8 | 9.615 | 0.270 | 0.106 | 21.4 | 0.290 | 24.5 | -0.089 | -0.030 | 18.6 | 0.093 |
| 248191.7 | 842852.1 | 128.0 | 9.114 | 7.141 | 38.1 | 11.578 | 18.1 | 9.214 | 0.319 | 0.168 | 27.8 | 0.361 | 17.2 | -0.142 | 0.045 | -17.6 | 0.149 |
| 248190.9 | 842851.5 | 128.0 | 8.517 | 6.933 | 39.1 | 10.982 | 18.3 | 8.740 | 0.353 | 0.241 | 34.4 | 0.428 | 13.4 | -0.180 | 0.120 | -33.8 | 0.217 |
| 248190.0 | 842851.0 | 128.0 | 7.909 | 6.626 | 40.0 | 10.317 | 18.6 | 8.210 | 0.369 | 0.313 | 40.4 | 0.484 | 11.3 | -0.200 | 0.191 | -43.7 | 0.277 |
| 248189.2 | 842850.5 | 128.0 | 7.310 | 6.237 | 40.5 | 9.610 | 18.9 | 7.647 | 0.365 | 0.378 | 46.0 | 0.525 | 10.4 | -0.202 | 0.255 | -51.6 | 0.325 |
| 248188.3 | 842849.9 | 128.0 | 6.744 | 5.791 | 40.7 | 8.889 | 19.2 | 7.074 | 0.341 | 0.430 | 51.6 | 0.549 | 10.3 | -0.184 | 0.307 | -59.1 | 0.358 |
| 248187.5 | 842849.4 | 128.0 | 6.231 | 5.311 | 40.4 | 8.187 | 19.6 | 6.515 | 0.298 | 0.468 | 57.5 | 0.555 | 11.0 | -0.147 | 0.345 | -66.9 | 0.375 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248186.7 | 842848.8 | 128.0 | 5.795 | 4.821 | 39.8 | 7.538 | 19.9 | 5.999 | 0.239 | 0.490 | 64.0 | 0.545 | 12.7 | -0.092 | 0.368 | -76.0 | 0.379 |
| 248185.8 | 842848.3 | 128.0 | 5.460 | 4.344 | 38.5 | 6.977 | 20.3 | 5.552 | 0.167 | 0.496 | 71.3 | 0.523 | 15.5 | -0.019 | 0.376 | -87.0 | 0.376 |
| 248185.0 | 842847.8 | 128.0 | 5.253 | 3.899 | 36.6 | 6.542 | 20.4 | 5.206 | 0.107 | 0.485 | 77.6 | 0.496 | 19.5 | 0.069 | 0.368 | 79.5 | 0.375 |
| 248184.1 | 842847.2 | 128.0 | 5.200 | 3.506 | 34.0 | 6.272 | 19.8 | 4.991 | 0.130 | 0.459 | 74.2 | 0.477 | 24.2 | 0.170 | 0.346 | 63.8 | 0.386 |
| 248183.3 | 842846.7 | 128.0 | 5.323 | 3.186 | 30.9 | 6.203 | 18.3 | 4.936 | 0.230 | 0.419 | 61.2 | 0.478 | 27.0 | 0.283 | 0.311 | 47.6 | 0.420 |
| 248182.4 | 842846.1 | 128.0 | 5.634 | 2.960 | 27.7 | 6.364 | 15.9 | 5.064 | 0.357 | 0.366 | 45.7 | 0.512 | 25.7 | 0.405 | 0.263 | 33.0 | 0.483 |
| 248181.6 | 842845.6 | 128.0 | 6.136 | 2.852 | 24.9 | 6.766 | 13.0 | 5.384 | 0.495 | 0.303 | 31.5 | 0.580 | 21.3 | 0.532 | 0.204 | 21.0 | 0.570 |
| 248180.8 | 842845.1 | 128.0 | 6.825 | 2.879 | 22.9 | 7.407 | 10.9 | 5.894 | 0.636 | 0.232 | 20.0 | 0.677 | 16.6 | 0.660 | 0.135 | 11.5 | 0.674 |
| 248179.9 | 842844.5 | 128.0 | 7.692 | 3.049 | 21.6 | 8.274 | 10.5 | 6.584 | 0.775 | 0.157 | 11.5 | 0.791 | 12.9 | 0.785 | 0.057 | 4.1 | 0.787 |
| 248179.1 | 842844.0 | 128.0 | 8.727 | 3.360 | 21.1 | 9.351 | 11.5 | 7.441 | 0.904 | 0.099 | 6.2 | 0.910 | 10.4 | 0.900 | -0.029 | -1.9 | 0.900 |
| 248178.2 | 842843.4 | 128.0 | 9.917 | 3.801 | 21.0 | 10.621 | 13.4 | 8.452 | 1.017 | 0.116 | 6.5 | 1.024 | 9.0 | 0.998 | -0.123 | -7.0 | 1.005 |
| 248177.4 | 842842.9 | 128.0 | 11.249 | 4.364 | 21.2 | 12.066 | 15.5 | 9.602 | 1.103 | 0.202 | 10.4 | 1.122 | 8.3 | 1.070 | -0.223 | -11.8 | 1.093 |
| 248176.5 | 842842.4 | 128.0 | 12.702 | 5.045 | 21.7 | 13.667 | 17.7 | 10.876 | 1.154 | 0.307 | 14.9 | 1.194 | 8.4 | 1.106 | -0.327 | -16.5 | 1.154 |
| 248175.7 | 842841.8 | 128.0 | 14.252 | 5.842 | 22.3 | 15.403 | 19.8 | 12.258 | 1.159 | 0.420 | 19.9 | 1.233 | 9.1 | 1.098 | -0.433 | -21.5 | 1.181 |
| 248174.9 | 842841.3 | 128.0 | 15.869 | 6.757 | 23.1 | 17.247 | 22.0 | 13.725 | 1.110 | 0.534 | 25.7 | 1.231 | 10.7 | 1.037 | -0.538 | -27.4 | 1.168 |
| 248174.0 | 842840.8 | 128.0 | 17.515 | 7.793 | 24.0 | 19.171 | 24.0 | 15.256 | 1.002 | 0.641 | 32.6 | 1.189 | 13.5 | 0.916 | -0.636 | -34.7 | 1.115 |
| 248173.2 | 842840.2 | 128.0 | 19.155 | 8.949 | 25.0 | 21.142 | 26.1 | 16.824 | 0.834 | 0.735 | 41.4 | 1.112 | 18.0 | 0.733 | -0.718 | -44.4 | 1.026 |
| 248172.3 | 842839.7 | 128.0 | 20.748 | 10.224 | 26.2 | 23.131 | 28.0 | 18.407 | 0.619 | 0.805 | 52.4 | 1.016 | 25.0 | 0.488 | -0.775 | -57.8 | 0.916 |
| 248171.5 | 842839.1 | 128.0 | 22.261 | 11.608 | 27.5 | 25.106 | 29.7 | 19.979 | 0.406 | 0.840 | 64.2 | 0.932 | 34.9 | 0.187 | -0.796 | -76.7 | 0.817 |
| 248170.6 | 842838.6 | 128.0 | 23.663 | 13.087 | 28.9 | 27.040 | 31.1 | 21.518 | 0.376 | 0.825 | 65.5 | 0.906 | 43.7 | -0.158 | -0.765 | 78.4 | 0.781 |
| 248169.8 | 842838.1 | 128.0 | 24.929 | 14.634 | 30.4 | 28.906 | 32.1 | 23.003 | 0.630 | 0.751 | 50.0 | 0.980 | 42.2 | -0.534 | -0.671 | 51.5 | 0.857 |
| 248169.0 | 842837.5 | 128.0 | 26.040 | 16.216 | 31.9 | 30.677 | 32.6 | 24.412 | 0.987 | 0.613 | 31.8 | 1.162 | 33.4 | -0.925 | -0.502 | 28.5 | 1.052 |
| 248168.1 | 842837.0 | 128.0 | 26.984 | 17.791 | 33.4 | 32.321 | 32.4 | 25.720 | 1.366 | 0.433 | 17.6 | 1.433 | 25.4 | -1.314 | -0.253 | 10.9 | 1.339 |
| 248167.3 | 842836.4 | 128.0 | 27.749 | 19.306 | 34.8 | 33.804 | 31.6 | 26.901 | 1.736 | 0.349 | 11.4 | 1.771 | 19.7 | -1.687 | 0.074 | -2.5 | 1.689 |
| 248166.4 | 842835.9 | 128.0 | 28.218 | 20.660 | 36.2 | 34.972 | 30.3 | 27.830 | 2.071 | 0.568 | 15.3 | 2.147 | 15.6 | -2.021 | 0.466 | -13.0 | 2.074 |
| 248165.6 | 842835.4 | 128.0 | 28.591 | 21.873 | 37.4 | 35.999 | 28.4 | 28.647 | 2.370 | 0.956 | 22.0 | 2.556 | 12.4 | -2.320 | 0.904 | -21.3 | 2.490 |
| 248164.8 | 842834.8 | 128.0 | 28.747 | 22.844 | 38.5 | 36.718 | 26.3 | 29.219 | 2.617 | 1.391 | 28.0 | 2.964 | 9.8 | -2.565 | 1.357 | -27.9 | 2.902 |
| 248163.9 | 842834.3 | 128.0 | 28.665 | 23.516 | 39.4 | 37.077 | 24.0 | 29.505 | 2.802 | 1.817 | 33.0 | 3.340 | 7.7 | -2.749 | 1.791 | -33.1 | 3.280 |
| 248163.1 | 842833.8 | 128.0 | 28.330 | 23.846 | 40.1 | 37.030 | 21.7 | 29.468 | 2.920 | 2.195 | 36.9 | 3.653 | 6.0 | -2.866 | 2.171 | -37.1 | 3.595 |
| 248162.2 | 842833.2 | 128.0 | 27.737 | 23.813 | 40.6 | 36.557 | 19.4 | 29.091 | 2.970 | 2.494 | 40.0 | 3.878 | 4.6 | -2.915 | 2.470 | -40.3 | 3.821 |
| 248161.4 | 842832.7 | 128.0 | 26.897 | 23.424 | 41.1 | 35.667 | 17.3 | 28.383 | 2.953 | 2.696 | 42.4 | 3.998 | 3.5 | -2.900 | 2.672 | -42.7 | 3.943 |
| 248160.5 | 842832.1 | 128.0 | 25.837 | 22.713 | 41.3 | 34.401 | 15.4 | 27.376 | 2.876 | 2.796 | 44.2 | 4.011 | 2.6 | -2.825 | 2.772 | -44.5 | 3.958 |
| 248159.7 | 842831.6 | 128.0 | 24.603 | 21.738 | 41.5 | 32.830 | 13.7 | 26.126 | 2.750 | 2.801 | 45.5 | 3.926 | 1.9 | -2.702 | 2.778 | -45.8 | 3.876 |
| 248158.9 | 842831.1 | 128.0 | 23.246 | 20.569 | 41.5 | 31.039 | 12.2 | 24.700 | 2.588 | 2.727 | 46.5 | 3.760 | 1.4 | -2.544 | 2.704 | -46.8 | 3.713 |
| 248158.0 | 842830.5 | 128.0 | 21.821 | 19.277 | 41.5 | 29.116 | 10.9 | 23.170 | 2.403 | 2.593 | 47.2 | 3.535 | 1.0 | -2.362 | 2.571 | -47.4 | 3.492 |
| 248157.2 | 842830.0 | 128.0 | 20.378 | 17.927 | 41.3 | 27.141 | 9.8 | 21.598 | 2.207 | 2.419 | 47.6 | 3.275 | 0.7 | -2.170 | 2.399 | -47.9 | 3.234 |
| 248156.3 | 842829.4 | 128.0 | 18.956 | 16.575 | 41.2 | 25.180 | 8.8 | 20.038 | 2.009 | 2.224 | 47.9 | 2.997 | 0.5 | -1.975 | 2.204 | -48.1 | 2.959 |
| 248155.5 | 842828.9 | 128.0 | 17.586 | 15.259 | 40.9 | 23.283 | 8.0 | 18.528 | 1.816 | 2.022 | 48.1 | 2.717 | 0.3 | -1.785 | 2.002 | -48.3 | 2.682 |
| 248154.6 | 842828.4 | 128.0 | 16.287 | 14.007 | 40.7 | 21.482 | 7.3 | 17.095 | 1.634 | 1.822 | 48.1 | 2.447 | 0.3 | -1.605 | 1.803 | -48.3 | 2.414 |
| 248153.8 | 842827.8 | 128.0 | 15.072 | 12.836 | 40.4 | 19.797 | 6.7 | 15.754 | 1.465 | 1.632 | 48.1 | 2.193 | 0.3 | -1.438 | 1.613 | -48.3 | 2.161 |
| 248153.0 | 842827.3 | 128.0 | 13.946 | 11.754 | 40.1 | 18.238 | 6.2 | 14.513 | 1.310 | 1.456 | 48.0 | 1.959 | 0.4 | -1.286 | 1.437 | -48.2 | 1.928 |
| 248152.1 | 842826.7 | 128.0 | 12.908 | 10.762 | 39.8 | 16.806 | 5.8 | 13.374 | 1.170 | 1.296 | 47.9 | 1.746 | 0.4 | -1.148 | 1.277 | -48.0 | 1.717 |
| 248151.3 | 842826.2 | 128.0 | 11.956 | 9.859 | 39.5 | 15.497 | 5.5 | 12.332 | 1.045 | 1.152 | 47.8 | 1.555 | 0.4 | -1.024 | 1.132 | -47.9 | 1.526 |
| 248150.4 | 842825.7 | 128.0 | 11.087 | 9.041 | 39.2 | 14.306 | 5.3 | 11.384 | 0.933 | 1.023 | 47.6 | 1.384 | 0.4 | -0.913 | 1.003 | -47.7 | 1.356 |
| 248149.6 | 842825.1 | 128.0 | 10.293 | 8.302 | 38.9 | 13.224 | 5.1 | 10.523 | 0.833 | 0.909 | 47.5 | 1.233 | 0.4 | -0.815 | 0.889 | -47.5 | 1.206 |
| 248148.7 | 842824.6 | 128.0 | 9.570 | 7.634 | 38.6 | 12.242 | 4.9 | 9.742 | 0.745 | 0.809 | 47.4 | 1.099 | 0.4 | -0.727 | 0.788 | -47.3 | 1.073 |
| 248147.9 | 842824.1 | 128.0 | 8.911 | 7.032 | 38.3 | 11.351 | 4.8 | 9.033 | 0.666 | 0.720 | 47.2 | 0.981 | 0.4 | -0.650 | 0.700 | -47.1 | 0.955 |
| 248147.1 | 842823.5 | 128.0 | 8.310 | 6.489 | 38.0 | 10.543 | 4.7 | 8.390 | 0.597 | 0.643 | 47.1 | 0.877 | 0.4 | -0.582 | 0.622 | -46.9 | 0.851 |
| 248146.2 | 842823.0 | 128.0 | 7.762 | 5.999 | 37.7 | 9.810 | 4.7 | 7.807 | 0.535 | 0.575 | 47.0 | 0.785 | 0.4 | -0.521 | 0.553 | -46.7 | 0.760 |
| 248145.4 | 842822.4 | 128.0 | 7.262 | 5.556 | 37.4 | 9.144 | 4.6 | 7.276 | 0.481 | 0.515 | 46.9 | 0.704 | 0.3 | -0.467 | 0.493 | -46.6 | 0.679 |
| 248144.5 | 842821.9 | 128.0 | 6.804 | 5.156 | 37.2 | 8.537 | 4.6 | 6.794 | 0.432 | 0.462 | 46.9 | 0.633 | 0.3 | -0.419 | 0.440 | -46.4 | 0.608 |
| 248143.7 | 842821.4 | 128.0 | 6.385 | 4.794 | 36.9 | 7.984 | 4.6 | 6.354 | 0.389 | 0.416 | 46.9 | 0.569 | 0.3 | -0.377 | 0.394 | -46.3 | 0.545 |

Centerline results between structures [redacted]/[redacted]-8A and Gantry 3

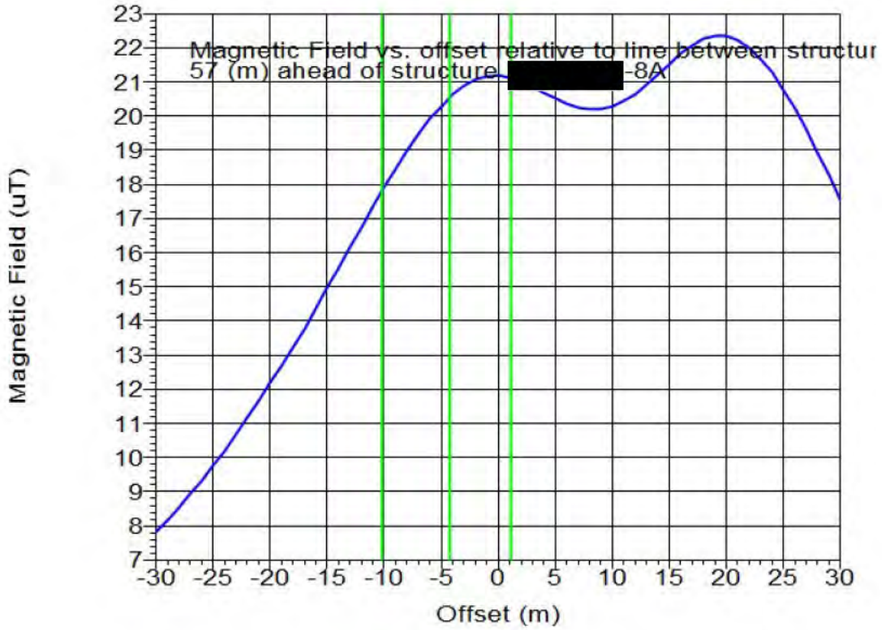
**3D EMF Point Results Centerline from [redacted]/[redacted]-8A to Gantry 3:**

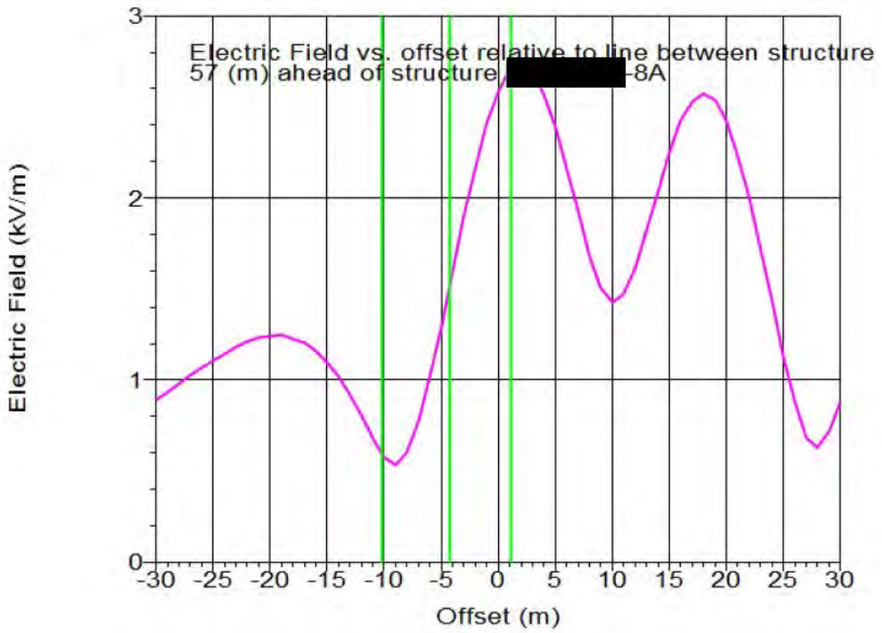
| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) | |
| 247997.6 | 842727.6 | 128.0 | 5.359 | 3.743 | 34.9 | 6.537 | 17.3 | 5.202 | 0.129 | 0.530 | 76.3 | 0.545 | 8.9 | -0.090 | 0.470 | -79.1 | 0.479 | |
| 247998.6 | 842727.4 | 128.0 | 5.031 | 3.586 | 35.5 | 6.178 | 19.0 | 4.917 | 0.092 | 0.522 | 80.0 | 0.530 | 9.6 | -0.044 | 0.464 | -84.6 | 0.466 | |
| 247999.6 | 842727.3 | 128.0 | 4.677 | 3.429 | 36.2 | 5.799 | 21.3 | 4.615 | 0.064 | 0.519 | 83.0 | 0.522 | 10.3 | 0.001 | 0.461 | 89.9 | 0.461 | |
| 248000.6 | 842727.1 | 128.0 | 4.296 | 3.275 | 37.3 | 5.402 | 24.4 | 4.299 | 0.056 | 0.518 | 83.8 | 0.521 | 10.8 | 0.044 | 0.462 | 84.5 | 0.464 | |
| 248001.6 | 842726.9 | 128.0 | 3.890 | 3.132 | 38.8 | 4.994 | 28.5 | 3.974 | 0.073 | 0.522 | 82.0 | 0.527 | 11.2 | 0.086 | 0.466 | 79.6 | 0.474 | |
| 248002.5 | 842726.7 | 128.0 | 3.459 | 3.005 | 41.0 | 4.582 | 33.8 | 3.646 | 0.101 | 0.530 | 79.2 | 0.539 | 11.5 | 0.125 | 0.474 | 75.2 | 0.490 | |
| 248003.5 | 842726.5 | 128.0 | 3.005 | 2.904 | 44.0 | 4.178 | 40.3 | 3.325 | 0.132 | 0.542 | 76.3 | 0.557 | 11.8 | 0.162 | 0.486 | 71.5 | 0.512 | |
| 248004.5 | 842726.3 | 128.0 | 2.530 | 2.835 | 48.3 | 3.800 | 47.7 | 3.024 | 0.163 | 0.557 | 73.7 | 0.580 | 12.2 | 0.197 | 0.501 | 68.5 | 0.539 | |
| 248005.5 | 842726.1 | 128.0 | 2.038 | 2.806 | 54.0 | 3.468 | 52.9 | 2.760 | 0.192 | 0.577 | 71.6 | 0.608 | 12.5 | 0.230 | 0.520 | 66.2 | 0.569 | |
| 248006.5 | 842725.9 | 128.0 | 1.535 | 2.823 | 61.5 | 3.213 | 49.7 | 2.557 | 0.220 | 0.599 | 69.9 | 0.638 | 12.9 | 0.260 | 0.543 | 64.4 | 0.602 | |
| 248007.5 | 842725.7 | 128.0 | 1.039 | 2.886 | 70.2 | 3.068 | 36.0 | 2.441 | 0.245 | 0.626 | 68.6 | 0.672 | 13.2 | 0.288 | 0.568 | 63.1 | 0.637 | |
| 248008.4 | 842725.5 | 128.0 | 0.617 | 2.995 | 78.4 | 3.058 | 17.8 | 2.434 | 0.269 | 0.655 | 67.7 | 0.708 | 13.5 | 0.313 | 0.597 | 62.3 | 0.674 | |
| 248009.4 | 842725.3 | 128.0 | 0.556 | 3.145 | 80.0 | 3.194 | 5.4 | 2.542 | 0.290 | 0.686 | 67.1 | 0.745 | 13.8 | 0.335 | 0.628 | 61.9 | 0.712 | |
| 248010.4 | 842725.1 | 128.0 | 0.950 | 3.330 | 74.1 | 3.463 | 20.1 | 2.756 | 0.308 | 0.720 | 66.9 | 0.783 | 14.1 | 0.354 | 0.661 | 61.8 | 0.750 | |
| 248011.4 | 842724.9 | 128.0 | 1.477 | 3.541 | 67.4 | 3.837 | 35.8 | 3.054 | 0.323 | 0.756 | 66.9 | 0.822 | 14.4 | 0.370 | 0.696 | 62.0 | 0.788 | |
| 248012.4 | 842724.8 | 128.0 | 2.038 | 3.773 | 61.6 | 4.288 | 49.9 | 3.413 | 0.335 | 0.793 | 67.1 | 0.861 | 14.6 | 0.382 | 0.733 | 62.5 | 0.826 | |
| 248013.3 | 842724.6 | 128.0 | 2.609 | 4.018 | 57.0 | 4.791 | 62.4 | 3.812 | 0.344 | 0.832 | 67.5 | 0.900 | 14.8 | 0.390 | 0.770 | 63.1 | 0.864 | |
| 248014.3 | 842724.4 | 128.0 | 3.179 | 4.271 | 53.3 | 5.324 | 73.4 | 4.237 | 0.349 | 0.871 | 68.1 | 0.939 | 15.0 | 0.395 | 0.809 | 64.0 | 0.900 | |
| 248015.3 | 842724.2 | 128.0 | 3.744 | 4.528 | 50.4 | 5.875 | 82.6 | 4.675 | 0.351 | 0.911 | 68.9 | 0.976 | 15.2 | 0.395 | 0.848 | 65.0 | 0.936 | |
| 248016.3 | 842724.0 | 128.0 | 4.298 | 4.785 | 48.1 | 6.432 | 88.7 | 5.118 | 0.348 | 0.952 | 69.9 | 1.013 | 15.3 | 0.391 | 0.888 | 66.2 | 0.970 | |
| 248017.3 | 842723.8 | 128.0 | 4.839 | 5.040 | 46.2 | 6.987 | 88.8 | 5.560 | 0.341 | 0.992 | 71.0 | 1.049 | 15.4 | 0.382 | 0.928 | 67.6 | 1.004 | |
| 248018.2 | 842723.6 | 128.0 | 5.363 | 5.291 | 44.6 | 7.534 | 84.8 | 5.995 | 0.331 | 1.033 | 72.2 | 1.084 | 15.4 | 0.368 | 0.968 | 69.2 | 1.036 | |
| 248019.2 | 842723.4 | 128.0 | 5.868 | 5.537 | 43.3 | 8.068 | 80.3 | 6.420 | 0.316 | 1.073 | 73.6 | 1.119 | 15.5 | 0.350 | 1.008 | 70.9 | 1.067 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248020.2 | 842723.2 | 128.0 | 6.354 | 5.777 | 42.3 | 8.587 | 76.0 | 6.834 | 0.298 | 1.114 | 75.0 | 1.153 | 15.4 | 0.326 | 1.049 | 72.7 | 1.098 |
| 248021.2 | 842723.0 | 128.0 | 6.818 | 6.012 | 41.4 | 9.090 | 72.3 | 7.233 | 0.277 | 1.154 | 76.5 | 1.187 | 15.3 | 0.298 | 1.089 | 74.7 | 1.129 |
| 248022.2 | 842722.8 | 128.0 | 7.260 | 6.241 | 40.7 | 9.574 | 68.9 | 7.618 | 0.253 | 1.195 | 78.0 | 1.221 | 15.2 | 0.265 | 1.129 | 76.8 | 1.160 |
| 248023.2 | 842722.6 | 128.0 | 7.680 | 6.464 | 40.1 | 10.039 | 66.0 | 7.988 | 0.230 | 1.235 | 79.5 | 1.256 | 15.0 | 0.227 | 1.169 | 79.0 | 1.191 |
| 248024.1 | 842722.4 | 128.0 | 8.079 | 6.684 | 39.6 | 10.485 | 63.3 | 8.344 | 0.209 | 1.275 | 80.7 | 1.292 | 14.7 | 0.185 | 1.209 | 81.3 | 1.223 |
| 248025.1 | 842722.3 | 128.0 | 8.456 | 6.899 | 39.2 | 10.913 | 60.9 | 8.684 | 0.194 | 1.315 | 81.6 | 1.329 | 14.4 | 0.138 | 1.249 | 83.7 | 1.256 |
| 248026.1 | 842722.1 | 128.0 | 8.813 | 7.110 | 38.9 | 11.324 | 58.8 | 9.011 | 0.190 | 1.354 | 82.0 | 1.368 | 14.0 | 0.087 | 1.289 | 86.1 | 1.292 |
| 248027.1 | 842721.9 | 128.0 | 9.150 | 7.320 | 38.7 | 11.718 | 56.8 | 9.325 | 0.201 | 1.394 | 81.8 | 1.408 | 13.6 | 0.033 | 1.328 | 88.6 | 1.329 |
| 248028.1 | 842721.7 | 128.0 | 9.469 | 7.527 | 38.5 | 12.097 | 55.0 | 9.626 | 0.227 | 1.433 | 81.0 | 1.451 | 13.1 | -0.025 | 1.368 | -88.9 | 1.368 |
| 248029.0 | 842721.5 | 128.0 | 9.772 | 7.734 | 38.4 | 12.462 | 53.4 | 9.917 | 0.267 | 1.472 | 79.7 | 1.496 | 12.6 | -0.086 | 1.407 | -86.5 | 1.410 |
| 248030.0 | 842721.3 | 128.0 | 10.058 | 7.940 | 38.3 | 12.814 | 51.9 | 10.197 | 0.316 | 1.511 | 78.2 | 1.544 | 12.0 | -0.150 | 1.446 | -84.1 | 1.454 |
| 248031.0 | 842721.1 | 128.0 | 10.330 | 8.147 | 38.3 | 13.156 | 50.6 | 10.469 | 0.371 | 1.549 | 76.5 | 1.593 | 11.4 | -0.216 | 1.485 | -81.7 | 1.501 |
| 248032.0 | 842720.9 | 128.0 | 10.588 | 8.355 | 38.3 | 13.488 | 49.3 | 10.733 | 0.433 | 1.587 | 74.8 | 1.645 | 10.9 | -0.285 | 1.523 | -79.4 | 1.550 |
| 248033.0 | 842720.7 | 128.0 | 10.836 | 8.564 | 38.3 | 13.812 | 48.2 | 10.991 | 0.498 | 1.624 | 73.0 | 1.699 | 10.3 | -0.355 | 1.561 | -77.2 | 1.601 |
| 248033.9 | 842720.5 | 128.0 | 11.072 | 8.777 | 38.4 | 14.129 | 47.2 | 11.244 | 0.566 | 1.660 | 71.2 | 1.754 | 9.7 | -0.427 | 1.598 | -75.0 | 1.654 |
| 248034.9 | 842720.3 | 128.0 | 11.300 | 8.993 | 38.5 | 14.442 | 46.2 | 11.492 | 0.636 | 1.696 | 69.4 | 1.811 | 9.2 | -0.500 | 1.634 | -73.0 | 1.709 |
| 248035.9 | 842720.1 | 128.0 | 11.520 | 9.212 | 38.6 | 14.751 | 45.3 | 11.738 | 0.707 | 1.730 | 67.8 | 1.869 | 8.7 | -0.574 | 1.668 | -71.0 | 1.764 |
| 248036.9 | 842719.9 | 128.0 | 11.734 | 9.436 | 38.8 | 15.058 | 44.5 | 11.983 | 0.780 | 1.762 | 66.1 | 1.927 | 8.2 | -0.649 | 1.702 | -69.1 | 1.821 |
| 248037.9 | 842719.8 | 128.0 | 11.943 | 9.665 | 39.0 | 15.365 | 43.7 | 12.227 | 0.853 | 1.793 | 64.5 | 1.986 | 7.8 | -0.723 | 1.734 | -67.4 | 1.879 |
| 248038.9 | 842719.6 | 128.0 | 12.149 | 9.900 | 39.2 | 15.672 | 43.0 | 12.472 | 0.927 | 1.822 | 63.0 | 2.044 | 7.4 | -0.798 | 1.764 | -65.7 | 1.936 |
| 248039.8 | 842719.4 | 128.0 | 12.353 | 10.141 | 39.4 | 15.982 | 42.4 | 12.718 | 1.000 | 1.849 | 61.6 | 2.102 | 7.0 | -0.872 | 1.792 | -64.0 | 1.993 |
| 248040.8 | 842719.2 | 128.0 | 12.555 | 10.389 | 39.6 | 16.296 | 41.8 | 12.968 | 1.073 | 1.873 | 60.2 | 2.159 | 6.7 | -0.946 | 1.817 | -62.5 | 2.049 |
| 248041.8 | 842719.0 | 128.0 | 12.759 | 10.644 | 39.8 | 16.615 | 41.2 | 13.222 | 1.144 | 1.895 | 58.9 | 2.214 | 6.4 | -1.019 | 1.840 | -61.0 | 2.103 |
| 248042.8 | 842718.8 | 128.0 | 12.964 | 10.906 | 40.1 | 16.941 | 40.7 | 13.481 | 1.215 | 1.913 | 57.6 | 2.267 | 6.2 | -1.090 | 1.860 | -59.6 | 2.156 |
| 248043.8 | 842718.6 | 128.0 | 13.172 | 11.175 | 40.3 | 17.274 | 40.2 | 13.746 | 1.284 | 1.929 | 56.3 | 2.317 | 6.0 | -1.160 | 1.877 | -58.3 | 2.206 |
| 248044.7 | 842718.4 | 128.0 | 13.385 | 11.453 | 40.6 | 17.616 | 39.7 | 14.018 | 1.351 | 1.940 | 55.1 | 2.364 | 5.8 | -1.228 | 1.890 | -57.0 | 2.254 |
| 248045.7 | 842718.2 | 128.0 | 13.603 | 11.738 | 40.8 | 17.968 | 39.3 | 14.298 | 1.417 | 1.948 | 54.0 | 2.408 | 5.7 | -1.295 | 1.899 | -55.7 | 2.298 |
| 248046.7 | 842718.0 | 128.0 | 13.828 | 12.032 | 41.0 | 18.330 | 38.8 | 14.587 | 1.480 | 1.951 | 52.8 | 2.449 | 5.6 | -1.359 | 1.904 | -54.5 | 2.339 |
| 248047.7 | 842717.8 | 128.0 | 14.061 | 12.333 | 41.3 | 18.703 | 38.4 | 14.884 | 1.540 | 1.949 | 51.7 | 2.484 | 5.6 | -1.421 | 1.904 | -53.3 | 2.376 |
| 248048.7 | 842717.6 | 128.0 | 14.303 | 12.641 | 41.5 | 19.089 | 38.1 | 15.190 | 1.598 | 1.943 | 50.6 | 2.516 | 5.6 | -1.480 | 1.900 | -52.1 | 2.408 |
| 248049.7 | 842717.4 | 128.0 | 14.555 | 12.956 | 41.7 | 19.486 | 37.7 | 15.506 | 1.653 | 1.932 | 49.5 | 2.542 | 5.6 | -1.536 | 1.890 | -50.9 | 2.436 |
| 248050.6 | 842717.3 | 128.0 | 14.816 | 13.277 | 41.9 | 19.895 | 37.4 | 15.832 | 1.704 | 1.915 | 48.3 | 2.563 | 5.7 | -1.589 | 1.876 | -49.7 | 2.458 |
| 248051.6 | 842717.1 | 128.0 | 15.088 | 13.603 | 42.0 | 20.315 | 37.1 | 16.166 | 1.752 | 1.892 | 47.2 | 2.579 | 5.8 | -1.639 | 1.855 | -48.5 | 2.475 |
| 248052.6 | 842716.9 | 128.0 | 15.372 | 13.933 | 42.2 | 20.746 | 36.8 | 16.509 | 1.796 | 1.863 | 46.1 | 2.588 | 5.9 | -1.685 | 1.828 | -47.3 | 2.486 |
| 248053.6 | 842716.7 | 128.0 | 15.665 | 14.265 | 42.3 | 21.187 | 36.6 | 16.860 | 1.837 | 1.828 | 44.9 | 2.592 | 6.1 | -1.727 | 1.795 | -46.1 | 2.491 |
| 248054.6 | 842716.5 | 128.0 | 15.969 | 14.597 | 42.4 | 21.636 | 36.3 | 17.217 | 1.873 | 1.787 | 43.7 | 2.589 | 6.4 | -1.765 | 1.756 | -44.8 | 2.490 |
| 248055.5 | 842716.3 | 128.0 | 16.282 | 14.929 | 42.5 | 22.090 | 36.2 | 17.579 | 1.905 | 1.739 | 42.4 | 2.579 | 6.7 | -1.799 | 1.710 | -43.5 | 2.482 |
| 248056.5 | 842716.1 | 128.0 | 16.603 | 15.256 | 42.6 | 22.548 | 36.0 | 17.943 | 1.932 | 1.685 | 41.1 | 2.563 | 7.0 | -1.829 | 1.656 | -42.2 | 2.468 |
| 248057.5 | 842715.9 | 128.0 | 16.929 | 15.576 | 42.6 | 23.005 | 35.9 | 18.306 | 1.954 | 1.623 | 39.7 | 2.540 | 7.4 | -1.854 | 1.596 | -40.7 | 2.446 |
| 248058.5 | 842715.7 | 128.0 | 17.258 | 15.886 | 42.6 | 23.457 | 35.9 | 18.666 | 1.971 | 1.555 | 38.3 | 2.511 | 7.9 | -1.873 | 1.529 | -39.2 | 2.417 |
| 248059.5 | 842715.5 | 128.0 | 17.586 | 16.183 | 42.6 | 23.899 | 35.9 | 19.018 | 1.982 | 1.480 | 36.7 | 2.474 | 8.4 | -1.887 | 1.454 | -37.6 | 2.382 |
| 248060.4 | 842715.3 | 128.0 | 17.909 | 16.462 | 42.6 | 24.326 | 36.0 | 19.358 | 1.988 | 1.398 | 35.1 | 2.430 | 9.1 | -1.894 | 1.371 | -35.9 | 2.338 |
| 248061.4 | 842715.1 | 128.0 | 18.222 | 16.719 | 42.5 | 24.730 | 36.1 | 19.680 | 1.986 | 1.309 | 33.4 | 2.379 | 9.8 | -1.895 | 1.281 | -34.0 | 2.288 |
| 248062.4 | 842714.9 | 128.0 | 18.518 | 16.950 | 42.5 | 25.104 | 36.3 | 19.977 | 1.978 | 1.213 | 31.5 | 2.320 | 10.7 | -1.889 | 1.183 | -32.0 | 2.229 |
| 248063.4 | 842714.8 | 128.0 | 18.790 | 17.149 | 42.4 | 25.439 | 36.5 | 20.244 | 1.962 | 1.112 | 29.5 | 2.255 | 11.6 | -1.876 | 1.077 | -29.9 | 2.163 |
| 248064.4 | 842714.6 | 128.0 | 19.030 | 17.311 | 42.3 | 25.726 | 36.9 | 20.472 | 1.937 | 1.005 | 27.4 | 2.183 | 12.7 | -1.853 | 0.964 | -27.5 | 2.089 |
| 248065.4 | 842714.4 | 128.0 | 19.229 | 17.430 | 42.2 | 25.953 | 37.3 | 20.653 | 1.904 | 0.894 | 25.2 | 2.103 | 14.1 | -1.822 | 0.843 | -24.8 | 2.007 |
| 248066.3 | 842714.2 | 128.0 | 19.378 | 17.500 | 42.1 | 26.111 | 37.7 | 20.778 | 1.860 | 0.781 | 22.8 | 2.018 | 15.6 | -1.780 | 0.715 | -21.9 | 1.918 |
| 248067.3 | 842714.0 | 128.0 | 19.466 | 17.516 | 42.0 | 26.187 | 38.2 | 20.839 | 1.806 | 0.669 | 20.3 | 1.925 | 17.3 | -1.727 | 0.581 | -18.6 | 1.822 |
| 248068.3 | 842713.8 | 128.0 | 19.484 | 17.473 | 41.9 | 26.171 | 38.8 | 20.826 | 1.739 | 0.563 | 17.9 | 1.828 | 19.4 | -1.661 | 0.441 | -14.9 | 1.719 |
| 248069.3 | 842713.6 | 128.0 | 19.422 | 17.365 | 41.8 | 26.053 | 39.4 | 20.732 | 1.660 | 0.473 | 15.9 | 1.726 | 21.7 | -1.583 | 0.296 | -10.6 | 1.610 |
| 248070.3 | 842713.4 | 128.0 | 19.275 | 17.186 | 41.7 | 25.824 | 40.0 | 20.550 | 1.567 | 0.414 | 14.8 | 1.621 | 24.4 | -1.490 | 0.149 | -5.7 | 1.498 |
| 248071.2 | 842713.2 | 128.0 | 19.036 | 16.934 | 41.7 | 25.478 | 40.6 | 20.275 | 1.461 | 0.402 | 15.4 | 1.515 | 27.5 | -1.383 | 0.002 | -0.1 | 1.383 |
| 248072.2 | 842713.0 | 128.0 | 18.707 | 16.604 | 41.6 | 25.013 | 41.0 | 19.904 | 1.340 | 0.438 | 18.1 | 1.410 | 30.8 | -1.262 | -0.142 | 6.4 | 1.270 |
| 248073.2 | 842712.8 | 128.0 | 18.291 | 16.191 | 41.5 | 24.427 | 41.3 | 19.439 | 1.207 | 0.509 | 22.8 | 1.310 | 34.3 | -1.127 | -0.279 | 13.9 | 1.161 |
| 248074.2 | 842712.6 | 128.0 | 17.798 | 15.691 | 41.4 | 23.727 | 41.3 | 18.881 | 1.062 | 0.592 | 29.1 | 1.216 | 37.5 | -0.980 | -0.405 | 22.5 | 1.060 |
| 248075.2 | 842712.4 | 128.0 | 17.242 | 15.099 | 41.2 | 22.918 | 41.0 | 18.238 | 0.909 | 0.674 | 36.6 | 1.131 | 40.1 | -0.822 | -0.516 | 32.1 | 0.971 |
| 248076.1 | 842712.3 | 128.0 | 16.639 | 14.414 | 40.9 | 22.014 | 40.2 | 17.518 | 0.751 | 0.744 | 44.7 | 1.058 | 41.4 | -0.658 | -0.607 | 42.7 | 0.895 |
| 248077.1 | 842712.1 | 128.0 | 16.006 | 13.636 | 40.4 | 21.027 | 39.0 | 16.733 | 0.595 | 0.797 | 53.2 | 0.995 | 41.0 | -0.491 | -0.676 | 54.0 | 0.835 |
| 248078.1 | 842711.9 | 128.0 | 15.357 | 12.775 | 39.8 | 19.976 | 37.4 | 15.896 | 0.451 | 0.828 | 61.4 | 0.942 | 39.1 | -0.326 | -0.720 | 65.7 | 0.790 |
| 248079.1 | 842711.7 | 128.0 | 14.699 | 11.846 | 38.9 | 18.879 | 35.3 | 15.023 | 0.332 | 0.836 | 68.3 | 0.900 | 36.0 | -0.167 | -0.740 | 77.3 | 0.758 |
| 248080.1 | 842711.5 | 128.0 | 14.035 | 10.874 | 37.8 | 17.755 | 33.0 | 14.129 | 0.265 | 0.823 | 72.2 | 0.865 | 32.1 | -0.021 | -0.738 | 88.4 | 0.738 |
| 248081.1 | 842711.3 | 128.0 | 13.344 | 9.871 | 36.5 | 16.598 | 30.5 | 13.208 | 0.270 | 0.794 | 71.2 | 0.839 | 27.9 | 0.115 | -0.718 | -80.9 | 0.727 |
| 248082.0 | 842711.1 | 128.0 | 12.663 | 8.897 | 35.1 | 15.476 | 27.8 | 12.315 | 0.321 | 0.749 | 66.8 | 0.816 | 23.8 | 0.227 | -0.683 | -71.6 | 0.720 |
| 248083.0 | 842710.9 | 128.0 | 11.967 | 7.964 | 33.6 | 14.375 | 25.3 | 11.439 | 0.383 | 0.696 | 61.1 | 0.794 | 20.1 | 0.319 | -0.638 | -63.4 | 0.713 |
| 248084.0 | 842710.7 | 128.0 | 11.259 | 7.091 | 32.2 | 13.305 | 22.8 | 10.588 | 0.438 | 0.637 | 55.5 | 0.773 | 16.7 | 0.391 | -0.587 | -56.4 | 0.706 |

Max EF along centerline is 2.592 (kV/m) at 57.000 (m) from structure [redacted]-8A

Cross section results at max EF along centerline between structures [redacted]-8A and Gantry 3




3D EMF Point Results Span from [redacted]-8A to Gantry 3:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248059.3 | 842746.1 | 128.0 | 6.908 | 3.695 | 28.1 | 7.834 | 10.9 | 6.234 | 0.848 | 0.287 | 18.7 | 0.895 | 0.7 | 0.843 | -0.286 | -18.7 | 0.890 |
| 248059.2 | 842745.1 | 128.0 | 7.202 | 3.885 | 28.3 | 8.183 | 11.5 | 6.512 | 0.886 | 0.308 | 19.1 | 0.938 | 0.8 | 0.880 | -0.305 | -19.1 | 0.931 |
| 248059.0 | 842744.2 | 128.0 | 7.510 | 4.088 | 28.6 | 8.551 | 12.2 | 6.804 | 0.925 | 0.330 | 19.6 | 0.982 | 0.9 | 0.916 | -0.326 | -19.6 | 0.973 |
| 248058.8 | 842743.2 | 128.0 | 7.832 | 4.304 | 28.8 | 8.937 | 13.0 | 7.111 | 0.962 | 0.353 | 20.2 | 1.025 | 1.0 | 0.952 | -0.348 | -20.1 | 1.014 |
| 248058.6 | 842742.2 | 128.0 | 8.166 | 4.536 | 29.1 | 9.342 | 13.8 | 7.434 | 0.998 | 0.379 | 20.8 | 1.068 | 1.1 | 0.986 | -0.372 | -20.7 | 1.054 |
| 248058.4 | 842741.2 | 128.0 | 8.514 | 4.784 | 29.3 | 9.766 | 14.6 | 7.772 | 1.032 | 0.406 | 21.5 | 1.109 | 1.3 | 1.017 | -0.397 | -21.3 | 1.092 |
| 248058.2 | 842740.2 | 128.0 | 8.874 | 5.049 | 29.6 | 10.210 | 15.5 | 8.125 | 1.061 | 0.434 | 22.2 | 1.147 | 1.4 | 1.045 | -0.424 | -22.1 | 1.128 |
| 248058.0 | 842739.2 | 128.0 | 9.246 | 5.333 | 30.0 | 10.674 | 16.4 | 8.494 | 1.086 | 0.464 | 23.1 | 1.181 | 1.7 | 1.068 | -0.452 | -22.9 | 1.159 |
| 248057.8 | 842738.3 | 128.0 | 9.629 | 5.636 | 30.3 | 11.157 | 17.4 | 8.878 | 1.104 | 0.495 | 24.2 | 1.210 | 1.9 | 1.084 | -0.481 | -23.9 | 1.186 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248057.6 | 842737.3 | 128.0 | 10.020 | 5.959 | 30.7 | 11.658 | 18.5 | 9.277 | 1.113 | 0.527 | 25.4 | 1.232 | 2.2 | 1.091 | -0.511 | -25.1 | 1.205 |
| 248057.4 | 842736.3 | 128.0 | 10.419 | 6.305 | 31.2 | 12.178 | 19.6 | 9.691 | 1.111 | 0.560 | 26.7 | 1.244 | 2.6 | 1.088 | -0.540 | -26.4 | 1.215 |
| 248057.2 | 842735.3 | 128.0 | 10.822 | 6.673 | 31.7 | 12.714 | 20.7 | 10.117 | 1.097 | 0.592 | 28.3 | 1.246 | 3.0 | 1.073 | -0.569 | -28.0 | 1.214 |
| 248057.0 | 842734.3 | 128.0 | 11.191 | 7.033 | 32.1 | 13.218 | 21.9 | 10.518 | 1.062 | 0.620 | 30.3 | 1.230 | 3.6 | 1.037 | -0.595 | -29.9 | 1.196 |
| 248056.8 | 842733.4 | 128.0 | 11.604 | 7.454 | 32.7 | 13.792 | 23.2 | 10.975 | 1.015 | 0.648 | 32.5 | 1.204 | 4.3 | 0.989 | -0.619 | -32.1 | 1.167 |
| 248056.7 | 842732.4 | 128.0 | 12.011 | 7.900 | 33.3 | 14.376 | 24.4 | 11.440 | 0.948 | 0.670 | 35.2 | 1.161 | 5.2 | 0.921 | -0.638 | -34.7 | 1.121 |
| 248056.5 | 842731.4 | 128.0 | 12.410 | 8.371 | 34.0 | 14.969 | 25.7 | 11.912 | 0.860 | 0.685 | 38.5 | 1.099 | 6.4 | 0.832 | -0.650 | -38.0 | 1.055 |
| 248056.3 | 842730.4 | 128.0 | 12.796 | 8.865 | 34.7 | 15.567 | 27.0 | 12.388 | 0.749 | 0.690 | 42.6 | 1.018 | 8.2 | 0.719 | -0.650 | -42.1 | 0.969 |
| 248056.1 | 842729.4 | 128.0 | 13.165 | 9.380 | 35.5 | 16.165 | 28.3 | 12.864 | 0.617 | 0.680 | 47.8 | 0.918 | 11.0 | 0.582 | -0.637 | -47.6 | 0.863 |
| 248055.9 | 842728.5 | 128.0 | 13.513 | 9.913 | 36.3 | 16.759 | 29.6 | 13.337 | 0.467 | 0.653 | 54.5 | 0.803 | 15.7 | 0.421 | -0.605 | -55.2 | 0.737 |
| 248055.7 | 842727.5 | 128.0 | 13.836 | 10.460 | 37.1 | 17.345 | 30.8 | 13.803 | 0.315 | 0.605 | 62.5 | 0.682 | 24.1 | 0.237 | -0.550 | -66.7 | 0.599 |
| 248055.5 | 842726.5 | 128.0 | 14.132 | 11.012 | 37.9 | 17.916 | 31.9 | 14.257 | 0.227 | 0.532 | 66.8 | 0.578 | 39.9 | 0.032 | -0.468 | -86.1 | 0.469 |
| 248055.3 | 842725.5 | 128.0 | 14.398 | 11.562 | 38.8 | 18.466 | 32.9 | 14.695 | 0.317 | 0.432 | 53.7 | 0.536 | 61.0 | -0.189 | -0.355 | 61.9 | 0.402 |
| 248055.1 | 842724.5 | 128.0 | 14.635 | 12.100 | 39.6 | 18.989 | 33.7 | 15.111 | 0.514 | 0.316 | 31.6 | 0.604 | 50.2 | -0.422 | -0.206 | 26.0 | 0.470 |
| 248054.9 | 842723.5 | 128.0 | 14.841 | 12.612 | 40.4 | 19.476 | 34.5 | 15.498 | 0.742 | 0.231 | 17.3 | 0.778 | 31.1 | -0.660 | -0.021 | 1.8 | 0.660 |
| 248054.7 | 842722.6 | 128.0 | 15.019 | 13.083 | 41.1 | 19.918 | 35.1 | 15.850 | 0.976 | 0.298 | 17.0 | 1.021 | 20.4 | -0.894 | 0.199 | -12.6 | 0.916 |
| 248054.5 | 842721.6 | 128.0 | 15.171 | 13.499 | 41.7 | 20.307 | 35.5 | 16.160 | 1.202 | 0.502 | 22.7 | 1.302 | 14.6 | -1.117 | 0.451 | -22.0 | 1.205 |
| 248054.3 | 842720.6 | 128.0 | 15.300 | 13.844 | 42.1 | 20.634 | 35.9 | 16.420 | 1.408 | 0.762 | 28.4 | 1.601 | 11.3 | -1.318 | 0.727 | -28.9 | 1.506 |
| 248054.2 | 842719.6 | 128.0 | 15.410 | 14.103 | 42.5 | 20.889 | 36.1 | 16.623 | 1.583 | 1.045 | 33.4 | 1.897 | 9.2 | -1.489 | 1.015 | -34.3 | 1.802 |
| 248054.0 | 842718.6 | 128.0 | 15.505 | 14.263 | 42.6 | 21.068 | 36.3 | 16.765 | 1.719 | 1.329 | 37.7 | 2.173 | 7.7 | -1.619 | 1.300 | -38.8 | 2.076 |
| 248053.8 | 842717.7 | 128.0 | 15.589 | 14.318 | 42.6 | 21.167 | 36.4 | 16.844 | 1.805 | 1.596 | 41.5 | 2.410 | 6.8 | -1.701 | 1.565 | -42.6 | 2.311 |
| 248053.6 | 842716.7 | 128.0 | 15.665 | 14.265 | 42.3 | 21.187 | 36.6 | 16.860 | 1.837 | 1.828 | 44.9 | 2.592 | 6.1 | -1.727 | 1.795 | -46.1 | 2.491 |
| 248053.4 | 842715.7 | 128.0 | 15.740 | 14.106 | 41.9 | 21.136 | 36.7 | 16.819 | 1.808 | 2.011 | 48.0 | 2.704 | 5.8 | -1.694 | 1.975 | -49.4 | 2.602 |
| 248053.2 | 842714.7 | 128.0 | 15.818 | 13.851 | 41.2 | 21.025 | 36.7 | 16.732 | 1.719 | 2.132 | 51.1 | 2.739 | 5.9 | -1.601 | 2.095 | -52.6 | 2.637 |
| 248053.0 | 842713.7 | 128.0 | 15.906 | 13.515 | 40.4 | 20.873 | 36.7 | 16.610 | 1.571 | 2.187 | 54.3 | 2.693 | 6.3 | -1.448 | 2.150 | -56.0 | 2.592 |
| 248052.8 | 842712.8 | 128.0 | 16.011 | 13.117 | 39.3 | 20.698 | 36.7 | 16.471 | 1.370 | 2.178 | 57.8 | 2.573 | 7.2 | -1.240 | 2.141 | -59.9 | 2.475 |
| 248052.6 | 842711.8 | 128.0 | 16.140 | 12.676 | 38.1 | 20.523 | 36.5 | 16.332 | 1.125 | 2.108 | 61.9 | 2.390 | 8.8 | -0.985 | 2.073 | -64.6 | 2.295 |
| 248052.4 | 842710.8 | 128.0 | 16.302 | 12.213 | 36.8 | 20.369 | 36.3 | 16.209 | 0.850 | 1.988 | 66.9 | 2.162 | 11.5 | -0.689 | 1.955 | -70.6 | 2.073 |
| 248052.2 | 842709.8 | 128.0 | 16.503 | 11.746 | 35.4 | 20.256 | 35.8 | 16.119 | 0.571 | 1.829 | 72.6 | 1.916 | 15.5 | -0.362 | 1.798 | -78.6 | 1.834 |
| 248052.0 | 842708.8 | 128.0 | 16.746 | 11.294 | 34.0 | 20.199 | 35.3 | 16.074 | 0.379 | 1.641 | 77.0 | 1.684 | 21.3 | -0.012 | 1.612 | -89.6 | 1.612 |
| 248051.8 | 842707.8 | 128.0 | 17.036 | 10.869 | 32.5 | 20.208 | 34.5 | 16.081 | 0.465 | 1.435 | 72.1 | 1.508 | 28.0 | 0.351 | 1.408 | 76.0 | 1.451 |
| 248051.7 | 842706.9 | 128.0 | 17.370 | 10.484 | 31.1 | 20.288 | 33.7 | 16.145 | 0.749 | 1.219 | 58.4 | 1.430 | 31.7 | 0.718 | 1.194 | 59.0 | 1.393 |
| 248051.5 | 842705.9 | 128.0 | 17.743 | 10.146 | 29.8 | 20.440 | 32.8 | 16.265 | 1.081 | 1.000 | 42.8 | 1.472 | 28.8 | 1.081 | 0.976 | 42.1 | 1.456 |
| 248051.3 | 842704.9 | 128.0 | 18.148 | 9.863 | 28.5 | 20.655 | 31.9 | 16.437 | 1.414 | 0.785 | 29.0 | 1.617 | 22.1 | 1.429 | 0.759 | 28.0 | 1.618 |
| 248051.1 | 842703.9 | 128.0 | 18.570 | 9.637 | 27.4 | 20.922 | 31.1 | 16.649 | 1.729 | 0.577 | 18.5 | 1.823 | 16.0 | 1.751 | 0.548 | 17.4 | 1.835 |
| 248050.9 | 842702.9 | 128.0 | 18.991 | 9.470 | 26.5 | 21.221 | 30.4 | 16.887 | 2.009 | 0.386 | 10.9 | 2.046 | 11.6 | 2.037 | 0.344 | 9.6 | 2.066 |
| 248050.7 | 842702.0 | 128.0 | 19.390 | 9.361 | 25.8 | 21.531 | 29.8 | 17.134 | 2.242 | 0.229 | 5.8 | 2.254 | 8.8 | 2.275 | 0.149 | 3.7 | 2.280 |
| 248050.5 | 842701.0 | 128.0 | 19.742 | 9.307 | 25.2 | 21.826 | 29.5 | 17.369 | 2.415 | 0.182 | 4.3 | 2.421 | 7.1 | 2.452 | -0.035 | -0.8 | 2.452 |
| 248050.3 | 842700.0 | 128.0 | 20.023 | 9.304 | 24.9 | 22.078 | 29.4 | 17.569 | 2.515 | 0.280 | 6.3 | 2.531 | 6.1 | 2.558 | -0.207 | -4.6 | 2.566 |
| 248050.1 | 842699.0 | 128.0 | 20.209 | 9.342 | 24.8 | 22.264 | 29.5 | 17.717 | 2.536 | 0.415 | 9.3 | 2.570 | 5.6 | 2.585 | -0.364 | -8.0 | 2.610 |
| 248049.9 | 842698.0 | 128.0 | 20.282 | 9.414 | 24.9 | 22.360 | 29.9 | 17.794 | 2.474 | 0.546 | 12.4 | 2.533 | 5.6 | 2.530 | -0.504 | -11.3 | 2.580 |
| 248049.7 | 842697.0 | 128.0 | 20.231 | 9.507 | 25.2 | 22.353 | 30.5 | 17.788 | 2.330 | 0.660 | 15.8 | 2.421 | 6.0 | 2.394 | -0.623 | -14.6 | 2.474 |
| 248049.5 | 842696.1 | 128.0 | 20.053 | 9.609 | 25.6 | 22.236 | 31.2 | 17.695 | 2.111 | 0.752 | 19.6 | 2.241 | 6.8 | 2.185 | -0.718 | -18.2 | 2.300 |
| 248049.3 | 842695.1 | 128.0 | 19.753 | 9.708 | 26.2 | 22.010 | 32.0 | 17.515 | 1.831 | 0.815 | 24.0 | 2.004 | 8.0 | 1.914 | -0.784 | -22.3 | 2.068 |
| 248049.2 | 842694.1 | 128.0 | 19.344 | 9.791 | 26.8 | 21.681 | 32.9 | 17.253 | 1.506 | 0.845 | 29.3 | 1.727 | 10.0 | 1.596 | -0.818 | -27.1 | 1.793 |
| 248049.0 | 842693.1 | 128.0 | 18.844 | 9.846 | 27.6 | 21.261 | 33.7 | 16.919 | 1.157 | 0.840 | 36.0 | 1.429 | 13.2 | 1.250 | -0.816 | -33.2 | 1.493 |
| 248048.8 | 842692.1 | 128.0 | 18.273 | 9.863 | 28.4 | 20.765 | 34.3 | 16.524 | 0.806 | 0.797 | 44.7 | 1.133 | 18.8 | 0.892 | -0.778 | -41.1 | 1.183 |
| 248048.6 | 842691.2 | 128.0 | 17.651 | 9.836 | 29.1 | 20.207 | 34.8 | 16.080 | 0.491 | 0.717 | 55.6 | 0.869 | 29.7 | 0.539 | -0.702 | -52.5 | 0.886 |
| 248048.4 | 842690.2 | 128.0 | 16.995 | 9.761 | 29.9 | 19.599 | 34.9 | 15.596 | 0.317 | 0.604 | 62.3 | 0.682 | 50.0 | 0.205 | -0.593 | -70.9 | 0.628 |
| 248048.2 | 842689.2 | 128.0 | 16.319 | 9.636 | 30.6 | 18.951 | 34.6 | 15.081 | 0.424 | 0.466 | 47.7 | 0.631 | 59.7 | -0.100 | -0.455 | 77.6 | 0.466 |
| 248048.0 | 842688.2 | 128.0 | 15.632 | 9.463 | 31.2 | 18.273 | 34.0 | 14.541 | 0.644 | 0.318 | 26.3 | 0.718 | 37.9 | -0.369 | -0.295 | 38.6 | 0.473 |
| 248047.8 | 842687.2 | 128.0 | 14.939 | 9.245 | 31.8 | 17.568 | 33.1 | 13.980 | 0.857 | 0.202 | 13.2 | 0.880 | 23.3 | -0.598 | -0.121 | 11.4 | 0.610 |

PLS-CADD Version 20.00x64  10:44:13 10 October 2024
M Group Services Limited - UK
Project Name: 'D:\SSE ASTI PLS CADD Models\LT459 Fanellan 16092024\FNLN4-LT459-MES-OHL-ZZ-M-EO-7600-P03.1.don'
Line Title: 'MES Final Arrangement with Gantries - PLS Tower DT towers'

3D EMF Calculation Notes:
  1) Calculations based on the EPRI Red Book methods (3rd Edition, 2005 - 7.4 Calculation of Magnetic Fields and Appendices 7.1 Calculation of Field Ellipse Parameters and 7.6 Electric Field Calculations for 3D Geometry).
  2) All wire positions are modeled at the specified weather case and wind direction. Height above ground determined by the modeled ground TIN.
  3) Only the effects of wires are being analyzed. The effects of structures are not included unless enabled as noted below.
  4) Ground return is being ignored for magnetic field calculations.

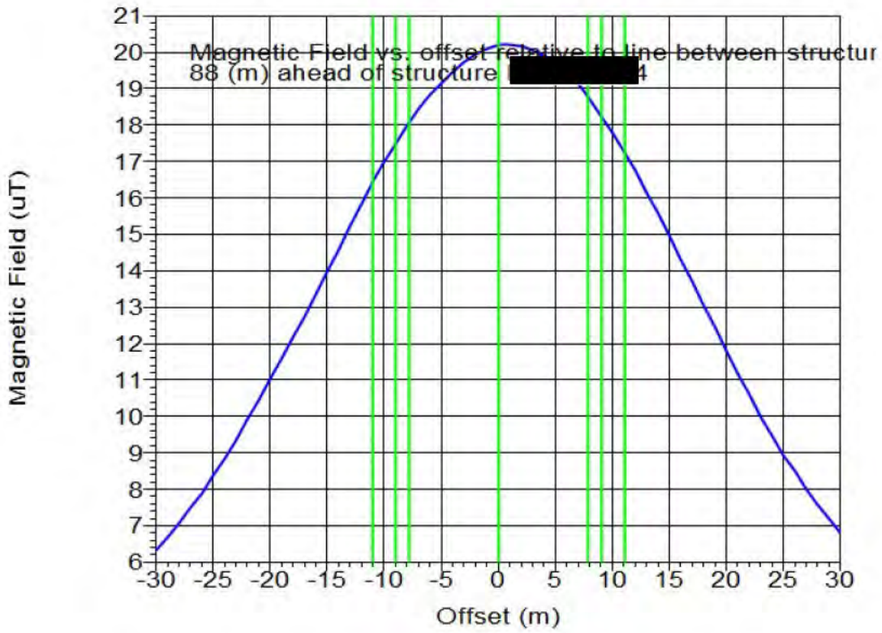
Meter height above ground: 1.00 (m)
Maximum wire distance: 150.00 (m)
Maximum cable segment size: 3.00 (m)
Cross section offset +/-: 30.00 (m)
Result interval: 1.00 (m)
Electric field limit: 9.00 (kV/m)
Magnetic field limit: 360.00 (uT)
Space potential limit: 0.00 (kV)
Contour Map Spacing: 3 (m)
Analyzing spans between these structures: [redacted]-4 - [redacted]-9R, Gantry 1 - Gantry 4

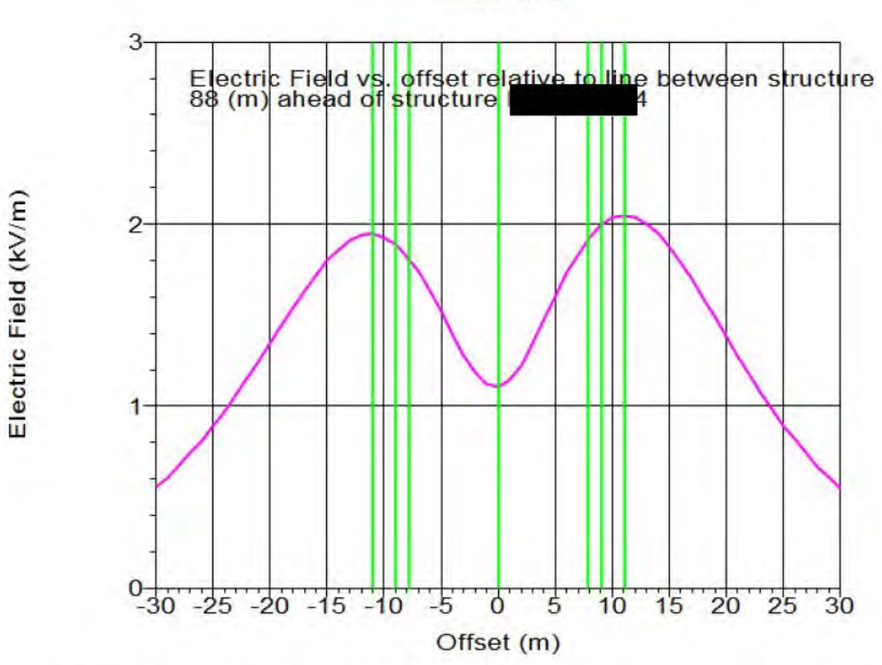
One or more sections have wind from both directions which is not supported. A wind direction of left is being used for those sections.

**Section Data for 3D EMF Results:**

| Section Number | Section Note | Voltage Ph-Ph (kV) | Current (Amps) | Cable Filename | Cable Description | Conductors Per Phase | Bundle Diameter (cm) | Cable Radius (cm) | Weather Case | Condition | Wind Dir. | WC Temperature (deg C) | Effective Radius (cm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 2 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 3 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 4 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 5 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 6 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 9 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 10 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 11 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 12 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 13 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 14 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 15 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 16 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 17 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 18 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 19 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 20 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 21 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 22 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 23 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 24 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 25 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 26 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 27 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 28 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 29 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 30 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 31 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 32 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 33 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 34 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 35 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 36 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 37 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 38 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 39 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 40 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 41 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 42 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 43 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 44 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 45 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 46 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 47 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 48 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 49 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 50 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_EHC_RTS - 8kN | EHC - 700mm² AAAC - Araucaria - RTS | 2 | 30.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 7.476 |
| 51 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 54 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 57 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 60 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 63 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 66 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |

Wire low point cross section results between structures [redacted]-4 and [redacted]-5



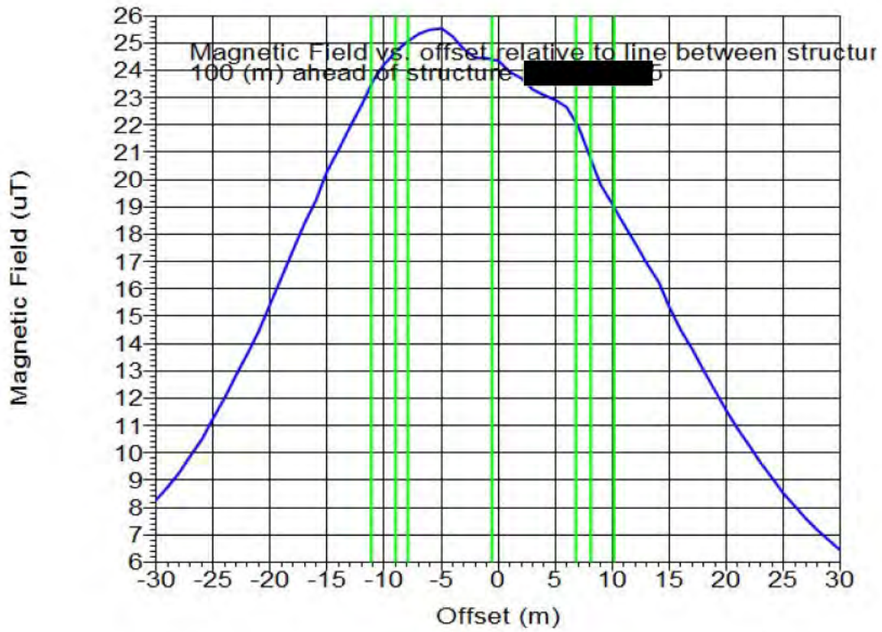



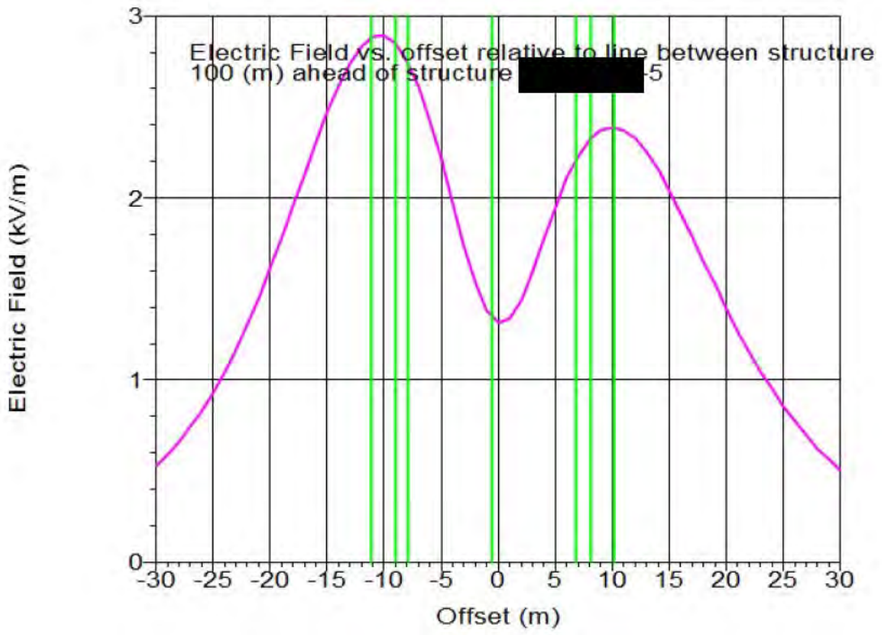

3D EMF Point Results Span from [redacted]-4 to [redacted]-5:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 249398.3 | 843880.9 | 38.8 | 5.232 | 3.568 | 34.3 | 6.333 | 39.7 | 5.039 | 0.427 | 0.354 | 39.7 | 0.555 | 1.9 | 0.200 | -0.269 | -53.4 | 0.335 |
| 249397.6 | 843881.6 | 38.9 | 5.549 | 3.739 | 34.0 | 6.692 | 39.5 | 5.325 | 0.484 | 0.373 | 37.6 | 0.611 | 1.9 | 0.241 | -0.287 | -50.1 | 0.375 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249396.9 | 843882.3 | 38.9 | 5.892 | 3.920 | 33.6 | 7.077 | 39.2 | 5.631 | 0.548 | 0.391 | 35.5 | 0.673 | 1.9 | 0.293 | -0.311 | -46.7 | 0.427 |
| 249396.2 | 843883.0 | 38.9 | 6.254 | 4.109 | 33.3 | 7.483 | 38.9 | 5.955 | 0.618 | 0.408 | 33.5 | 0.741 | 2.0 | 0.351 | -0.333 | -43.5 | 0.484 |
| 249395.4 | 843883.7 | 38.9 | 6.636 | 4.304 | 33.0 | 7.909 | 38.5 | 6.294 | 0.694 | 0.424 | 31.5 | 0.813 | 2.0 | 0.410 | -0.352 | -40.7 | 0.541 |
| 249394.7 | 843884.4 | 38.9 | 7.047 | 4.510 | 32.6 | 8.367 | 38.1 | 6.658 | 0.775 | 0.439 | 29.5 | 0.891 | 2.1 | 0.488 | -0.378 | -37.8 | 0.618 |
| 249394.0 | 843885.1 | 39.0 | 7.481 | 4.725 | 32.3 | 8.849 | 37.7 | 7.042 | 0.863 | 0.451 | 27.6 | 0.974 | 2.1 | 0.576 | -0.404 | -35.0 | 0.704 |
| 249393.3 | 843885.8 | 39.0 | 7.940 | 4.948 | 31.9 | 9.356 | 37.2 | 7.445 | 0.957 | 0.461 | 25.7 | 1.062 | 2.1 | 0.674 | -0.428 | -32.4 | 0.798 |
| 249392.6 | 843886.5 | 39.0 | 8.422 | 5.179 | 31.6 | 9.887 | 36.6 | 7.868 | 1.055 | 0.468 | 23.9 | 1.154 | 2.2 | 0.781 | -0.451 | -30.0 | 0.902 |
| 249391.8 | 843887.2 | 39.0 | 8.927 | 5.418 | 31.3 | 10.442 | 36.0 | 8.310 | 1.158 | 0.471 | 22.1 | 1.250 | 2.2 | 0.897 | -0.472 | -27.7 | 1.014 |
| 249391.1 | 843887.9 | 39.1 | 9.453 | 5.663 | 30.9 | 11.020 | 35.4 | 8.769 | 1.263 | 0.470 | 20.4 | 1.348 | 2.2 | 1.023 | -0.490 | -25.6 | 1.134 |
| 249390.4 | 843888.6 | 39.1 | 9.999 | 5.915 | 30.6 | 11.617 | 34.7 | 9.245 | 1.370 | 0.464 | 18.7 | 1.446 | 2.2 | 1.156 | -0.504 | -23.6 | 1.261 |
| 249389.7 | 843889.3 | 39.1 | 10.509 | 6.147 | 30.3 | 12.175 | 34.0 | 9.689 | 1.475 | 0.452 | 17.0 | 1.543 | 2.1 | 1.206 | -0.486 | -21.9 | 1.300 |
| 249389.0 | 843890.0 | 39.0 | 11.036 | 6.388 | 30.1 | 12.751 | 33.2 | 10.147 | 1.576 | 0.435 | 15.4 | 1.635 | 2.0 | 1.269 | -0.471 | -20.3 | 1.354 |
| 249388.3 | 843890.7 | 39.0 | 11.577 | 6.636 | 29.8 | 13.344 | 32.4 | 10.619 | 1.671 | 0.411 | 13.8 | 1.721 | 1.9 | 1.347 | -0.457 | -18.7 | 1.422 |
| 249387.5 | 843891.4 | 39.1 | 12.133 | 6.894 | 29.6 | 13.955 | 31.6 | 11.105 | 1.757 | 0.381 | 12.2 | 1.797 | 1.9 | 1.445 | -0.445 | -17.1 | 1.512 |
| 249386.8 | 843892.1 | 39.1 | 12.710 | 7.166 | 29.4 | 14.591 | 30.8 | 11.611 | 1.829 | 0.344 | 10.6 | 1.861 | 2.0 | 1.576 | -0.435 | -15.4 | 1.635 |
| 249386.1 | 843892.8 | 39.1 | 13.278 | 7.441 | 29.3 | 15.220 | 29.9 | 12.112 | 1.885 | 0.299 | 9.0 | 1.909 | 2.1 | 1.700 | -0.417 | -13.8 | 1.750 |
| 249385.4 | 843893.5 | 39.2 | 13.830 | 7.716 | 29.2 | 15.837 | 29.1 | 12.603 | 1.922 | 0.248 | 7.4 | 1.938 | 2.3 | 1.810 | -0.389 | -12.1 | 1.852 |
| 249384.7 | 843894.2 | 39.2 | 14.360 | 7.991 | 29.1 | 16.434 | 28.3 | 13.077 | 1.936 | 0.190 | 5.6 | 1.945 | 2.6 | 1.904 | -0.352 | -10.5 | 1.936 |
| 249384.0 | 843894.9 | 39.2 | 14.823 | 8.248 | 29.1 | 16.964 | 27.5 | 13.499 | 1.924 | 0.127 | 3.8 | 1.928 | 2.8 | 1.927 | -0.302 | -8.9 | 1.951 |
| 249383.2 | 843895.6 | 39.2 | 15.284 | 8.519 | 29.1 | 17.497 | 26.8 | 13.924 | 1.887 | 0.074 | 2.2 | 1.888 | 3.3 | 1.971 | -0.245 | -7.1 | 1.986 |
| 249382.5 | 843896.3 | 39.2 | 15.691 | 8.780 | 29.2 | 17.981 | 26.1 | 14.309 | 1.821 | 0.086 | 2.7 | 1.824 | 4.0 | 1.974 | -0.177 | -5.1 | 1.982 |
| 249381.8 | 843897.0 | 39.3 | 16.088 | 9.054 | 29.4 | 18.461 | 25.4 | 14.691 | 1.730 | 0.162 | 5.4 | 1.738 | 5.1 | 1.986 | -0.095 | -2.8 | 1.988 |
| 249381.1 | 843897.6 | 39.3 | 16.378 | 9.295 | 29.6 | 18.831 | 24.8 | 14.986 | 1.612 | 0.256 | 9.0 | 1.633 | 6.4 | 1.907 | -0.007 | -0.2 | 1.907 |
| 249380.4 | 843898.3 | 39.3 | 16.612 | 9.526 | 29.8 | 19.150 | 24.3 | 15.239 | 1.471 | 0.360 | 13.8 | 1.515 | 8.2 | 1.801 | 0.088 | 2.8 | 1.803 |
| 249379.6 | 843899.0 | 39.3 | 16.838 | 9.769 | 30.1 | 19.467 | 23.9 | 15.491 | 1.310 | 0.472 | 19.8 | 1.393 | 11.0 | 1.705 | 0.203 | 6.8 | 1.717 |
| 249378.9 | 843899.7 | 39.4 | 17.010 | 10.002 | 30.5 | 19.733 | 23.5 | 15.703 | 1.133 | 0.590 | 27.5 | 1.277 | 14.5 | 1.579 | 0.331 | 11.9 | 1.613 |
| 249378.2 | 843900.4 | 39.4 | 17.123 | 10.219 | 30.8 | 19.940 | 23.2 | 15.868 | 0.944 | 0.712 | 37.0 | 1.182 | 18.7 | 1.420 | 0.469 | 18.3 | 1.496 |
| 249377.5 | 843901.1 | 39.5 | 17.189 | 10.423 | 31.2 | 20.103 | 23.1 | 15.997 | 0.748 | 0.837 | 48.2 | 1.122 | 22.5 | 1.241 | 0.620 | 26.5 | 1.388 |
| 249376.8 | 843901.8 | 39.5 | 17.194 | 10.603 | 31.7 | 20.200 | 23.0 | 16.075 | 0.552 | 0.962 | 60.1 | 1.109 | 24.3 | 1.038 | 0.775 | 36.7 | 1.295 |
| 249376.1 | 843902.5 | 39.5 | 17.124 | 10.746 | 32.1 | 20.216 | 23.1 | 16.088 | 0.370 | 1.085 | 71.2 | 1.147 | 22.9 | 0.815 | 0.921 | 48.5 | 1.230 |
| 249375.3 | 843903.2 | 39.5 | 17.001 | 10.860 | 32.6 | 20.174 | 23.2 | 16.054 | 0.242 | 1.205 | 78.6 | 1.229 | 19.6 | 0.588 | 1.064 | 61.1 | 1.216 |
| 249374.6 | 843903.9 | 39.5 | 16.829 | 10.943 | 33.0 | 20.074 | 23.4 | 15.974 | 0.258 | 1.317 | 78.9 | 1.342 | 15.9 | 0.361 | 1.202 | 73.3 | 1.255 |
| 249373.9 | 843904.6 | 39.5 | 16.611 | 10.991 | 33.5 | 19.918 | 23.8 | 15.851 | 0.388 | 1.419 | 74.7 | 1.471 | 12.6 | 0.139 | 1.333 | 84.0 | 1.340 |
| 249373.2 | 843905.3 | 39.6 | 16.349 | 11.002 | 33.9 | 19.706 | 24.2 | 15.682 | 0.544 | 1.509 | 70.2 | 1.604 | 10.0 | -0.074 | 1.454 | -87.1 | 1.456 |
| 249372.5 | 843906.0 | 39.6 | 16.044 | 10.973 | 34.4 | 19.437 | 24.8 | 15.468 | 0.697 | 1.582 | 66.2 | 1.729 | 8.1 | -0.275 | 1.560 | -80.0 | 1.584 |
| 249371.7 | 843906.7 | 39.6 | 15.698 | 10.902 | 34.8 | 19.112 | 25.4 | 15.209 | 0.838 | 1.638 | 62.9 | 1.839 | 6.7 | -0.460 | 1.650 | -74.4 | 1.713 |
| 249371.0 | 843907.4 | 39.6 | 15.310 | 10.785 | 35.2 | 18.727 | 26.0 | 14.903 | 0.960 | 1.673 | 60.1 | 1.929 | 5.6 | -0.626 | 1.717 | -70.0 | 1.827 |
| 249370.3 | 843908.1 | 39.6 | 14.885 | 10.621 | 35.5 | 18.286 | 26.8 | 14.551 | 1.064 | 1.687 | 57.8 | 1.995 | 4.9 | -0.769 | 1.757 | -66.4 | 1.918 |
| 249369.6 | 843908.8 | 39.6 | 14.437 | 10.421 | 35.8 | 17.805 | 27.6 | 14.169 | 1.147 | 1.680 | 55.7 | 2.035 | 4.3 | -0.896 | 1.784 | -63.3 | 1.997 |
| 249368.9 | 843909.5 | 39.6 | 13.973 | 10.190 | 36.1 | 17.294 | 28.4 | 13.762 | 1.210 | 1.653 | 53.8 | 2.048 | 4.0 | -1.011 | 1.801 | -60.7 | 2.066 |
| 249368.2 | 843910.2 | 39.7 | 13.486 | 9.922 | 36.3 | 16.742 | 29.2 | 13.323 | 1.252 | 1.606 | 52.1 | 2.037 | 3.8 | -1.105 | 1.795 | -58.4 | 2.108 |
| 249367.4 | 843910.9 | 39.7 | 12.990 | 9.628 | 36.5 | 16.169 | 30.1 | 12.867 | 1.276 | 1.543 | 50.4 | 2.002 | 3.7 | -1.187 | 1.778 | -56.3 | 2.138 |
| 249366.7 | 843911.6 | 39.7 | 12.482 | 9.305 | 36.7 | 15.568 | 31.0 | 12.389 | 1.283 | 1.465 | 48.8 | 1.947 | 3.7 | -1.249 | 1.740 | -54.3 | 2.142 |
| 249366.0 | 843912.3 | 39.7 | 11.967 | 8.959 | 36.8 | 14.949 | 31.9 | 11.896 | 1.274 | 1.375 | 47.2 | 1.875 | 3.7 | -1.293 | 1.684 | -52.5 | 2.123 |
| 249365.3 | 843913.0 | 39.8 | 11.450 | 8.596 | 36.9 | 14.317 | 32.8 | 11.393 | 1.253 | 1.278 | 45.6 | 1.790 | 3.8 | -1.319 | 1.612 | -50.7 | 2.083 |
| 249364.6 | 843913.7 | 39.8 | 10.936 | 8.221 | 36.9 | 13.681 | 33.7 | 10.887 | 1.220 | 1.176 | 44.0 | 1.694 | 4.0 | -1.329 | 1.527 | -49.0 | 2.024 |
| 249363.8 | 843914.4 | 39.8 | 10.428 | 7.839 | 36.9 | 13.046 | 34.5 | 10.382 | 1.178 | 1.071 | 42.3 | 1.592 | 4.1 | -1.325 | 1.434 | -47.3 | 1.952 |
| 249363.1 | 843915.0 | 39.8 | 9.927 | 7.452 | 36.9 | 12.413 | 35.3 | 9.878 | 1.129 | 0.967 | 40.6 | 1.487 | 4.3 | -1.302 | 1.329 | -45.6 | 1.860 |
| 249362.4 | 843915.7 | 39.9 | 9.456 | 7.083 | 36.8 | 11.814 | 36.1 | 9.401 | 1.076 | 0.866 | 38.8 | 1.381 | 4.6 | -1.296 | 1.242 | -43.8 | 1.795 |
| 249361.7 | 843916.4 | 39.9 | 8.979 | 6.700 | 36.7 | 11.203 | 36.8 | 8.915 | 1.019 | 0.768 | 37.0 | 1.276 | 4.8 | -1.248 | 1.127 | -42.1 | 1.682 |
| 249361.0 | 843917.1 | 39.9 | 8.508 | 6.315 | 36.6 | 10.595 | 37.5 | 8.432 | 0.959 | 0.676 | 35.2 | 1.173 | 4.9 | -1.172 | 1.000 | -40.5 | 1.540 |
| 249360.3 | 843917.8 | 39.9 | 8.057 | 5.946 | 36.4 | 10.014 | 38.1 | 7.969 | 0.899 | 0.590 | 33.2 | 1.075 | 5.0 | -1.095 | 0.881 | -38.8 | 1.405 |
| 249359.5 | 843918.5 | 39.9 | 7.621 | 5.585 | 36.2 | 9.449 | 38.6 | 7.519 | 0.840 | 0.510 | 31.3 | 0.982 | 5.1 | -1.003 | 0.764 | -37.3 | 1.261 |
| 249358.8 | 843919.2 | 39.9 | 7.233 | 5.264 | 36.0 | 8.945 | 39.1 | 7.119 | 0.781 | 0.438 | 29.3 | 0.895 | 5.3 | -0.962 | 0.684 | -35.4 | 1.181 |
| 249358.1 | 843919.9 | 39.9 | 6.867 | 4.961 | 35.8 | 8.472 | 39.6 | 6.741 | 0.724 | 0.372 | 27.2 | 0.814 | 5.7 | -0.927 | 0.613 | -33.5 | 1.112 |
| 249357.4 | 843920.6 | 40.0 | 6.518 | 4.673 | 35.6 | 8.020 | 40.0 | 6.382 | 0.670 | 0.314 | 25.1 | 0.739 | 6.0 | -0.889 | 0.545 | -31.5 | 1.043 |
| 249356.7 | 843921.3 | 40.0 | 6.187 | 4.398 | 35.4 | 7.591 | 40.4 | 6.041 | 0.617 | 0.261 | 23.0 | 0.670 | 6.3 | -0.849 | 0.481 | -29.5 | 0.976 |
| 249355.9 | 843922.0 | 40.1 | 5.872 | 4.139 | 35.2 | 7.184 | 40.7 | 5.717 | 0.567 | 0.215 | 20.8 | 0.607 | 6.7 | -0.808 | 0.421 | -27.5 | 0.911 |
| 249355.2 | 843922.7 | 40.1 | 5.573 | 3.893 | 34.9 | 6.798 | 41.0 | 5.410 | 0.520 | 0.175 | 18.6 | 0.549 | 7.0 | -0.765 | 0.364 | -25.5 | 0.847 |

Wire low point cross section results between structures [redacted]-5 and [redacted]-6R



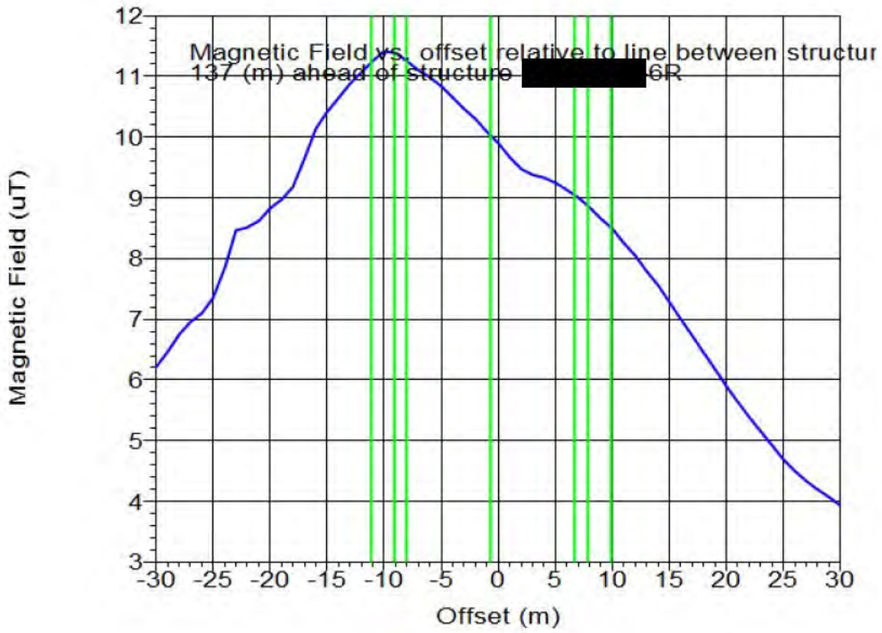



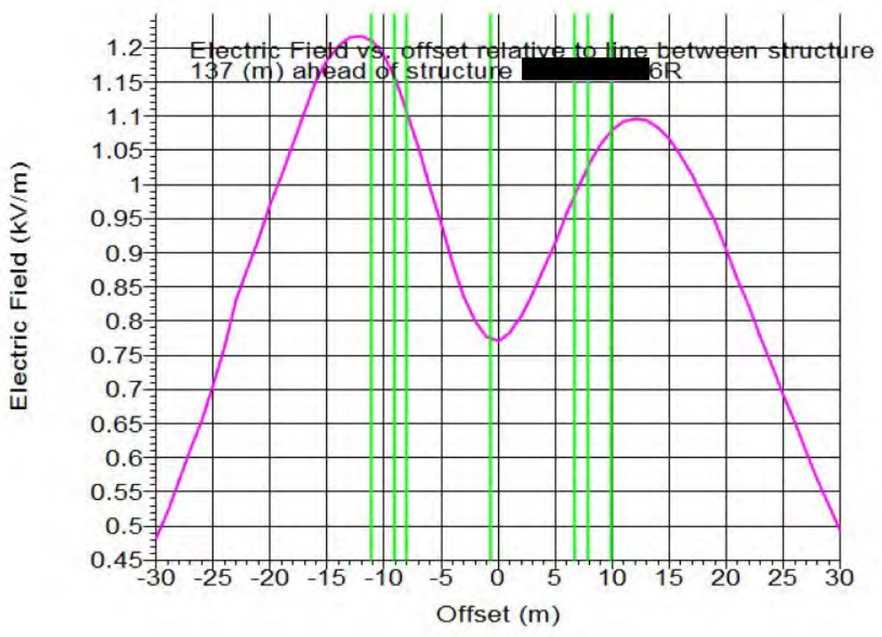

3D EMF Point Results Span from [redacted]-5 to [redacted]-6R:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 249066.4 | 843539.3 | 88.2 | 6.742 | 4.806 | 35.5 | 8.279 | 44.6 | 6.589 | 0.317 | 0.424 | 53.2 | 0.529 | 21.5 | 1.522 | -0.942 | -31.7 | 1.790 |
| 249065.7 | 843540.0 | 88.0 | 7.181 | 5.032 | 35.0 | 8.769 | 44.2 | 6.978 | 0.377 | 0.455 | 50.4 | 0.591 | 19.5 | 1.648 | -0.917 | -29.1 | 1.886 |
| 249065.0 | 843540.7 | 87.8 | 7.648 | 5.265 | 34.5 | 9.285 | 43.8 | 7.389 | 0.446 | 0.488 | 47.5 | 0.661 | 17.7 | 1.770 | -0.879 | -26.4 | 1.976 |
| 249064.3 | 843541.4 | 87.7 | 8.182 | 5.532 | 34.1 | 9.876 | 43.4 | 7.859 | 0.527 | 0.521 | 44.6 | 0.741 | 16.4 | 1.923 | -0.870 | -24.3 | 2.111 |
| 249063.6 | 843542.1 | 87.6 | 8.751 | 5.808 | 33.6 | 10.503 | 42.9 | 8.358 | 0.620 | 0.553 | 41.8 | 0.831 | 15.1 | 2.080 | -0.850 | -22.2 | 2.247 |
| 249062.9 | 843542.8 | 87.5 | 9.415 | 6.130 | 33.1 | 11.235 | 42.4 | 8.941 | 0.725 | 0.586 | 38.9 | 0.932 | 14.4 | 2.302 | -0.876 | -20.8 | 2.463 |
| 249062.2 | 843543.5 | 87.6 | 10.162 | 6.486 | 32.5 | 12.055 | 41.9 | 9.593 | 0.844 | 0.617 | 36.2 | 1.046 | 13.8 | 2.576 | -0.921 | -19.7 | 2.736 |
| 249061.4 | 843544.2 | 87.4 | 10.865 | 6.796 | 32.0 | 12.815 | 41.1 | 10.198 | 0.975 | 0.645 | 33.5 | 1.169 | 12.7 | 2.758 | -0.871 | -17.5 | 2.893 |
| 249060.7 | 843544.9 | 87.3 | 11.579 | 7.098 | 31.5 | 13.582 | 40.3 | 10.808 | 1.119 | 0.669 | 30.9 | 1.304 | 11.4 | 2.901 | -0.785 | -15.1 | 3.006 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249060.0 | 843545.6 | 87.2 | 12.391 | 7.442 | 31.0 | 14.454 | 39.4 | 11.502 | 1.277 | 0.690 | 28.4 | 1.451 | 10.6 | 3.107 | -0.731 | -13.2 | 3.192 |
| 249059.3 | 843546.3 | 87.2 | 13.275 | 7.809 | 30.5 | 15.401 | 38.4 | 12.256 | 1.448 | 0.706 | 26.0 | 1.611 | 9.9 | 3.347 | -0.683 | -11.5 | 3.416 |
| 249058.6 | 843547.0 | 87.1 | 14.241 | 8.204 | 29.9 | 16.435 | 37.4 | 13.078 | 1.631 | 0.716 | 23.7 | 1.781 | 9.3 | 3.634 | -0.641 | -10.0 | 3.690 |
| 249057.9 | 843547.7 | 87.1 | 15.150 | 8.559 | 29.5 | 17.400 | 36.3 | 13.847 | 1.819 | 0.717 | 21.5 | 1.956 | 8.5 | 3.795 | -0.531 | -8.0 | 3.832 |
| 249057.2 | 843548.4 | 87.0 | 16.129 | 8.941 | 29.0 | 18.441 | 35.1 | 14.675 | 2.013 | 0.710 | 19.4 | 2.134 | 7.9 | 3.991 | -0.428 | -6.1 | 4.014 |
| 249056.4 | 843549.1 | 86.8 | 16.887 | 9.223 | 28.6 | 19.242 | 33.9 | 15.312 | 2.198 | 0.691 | 17.5 | 2.304 | 7.0 | 3.869 | -0.215 | -3.2 | 3.875 |
| 249055.7 | 843549.8 | 86.8 | 17.868 | 9.608 | 28.3 | 20.288 | 32.7 | 16.144 | 2.381 | 0.665 | 15.6 | 2.472 | 6.6 | 3.987 | -0.087 | -1.2 | 3.988 |
| 249055.0 | 843550.5 | 86.6 | 18.634 | 9.909 | 28.0 | 21.105 | 31.4 | 16.795 | 2.542 | 0.626 | 13.8 | 2.617 | 6.0 | 3.818 | 0.118 | 1.8 | 3.820 |
| 249054.3 | 843551.2 | 86.5 | 19.407 | 10.229 | 27.8 | 21.938 | 30.2 | 17.457 | 2.679 | 0.576 | 12.1 | 2.740 | 5.6 | 3.652 | 0.311 | 4.9 | 3.665 |
| 249053.6 | 843551.9 | 86.4 | 20.139 | 10.550 | 27.6 | 22.735 | 29.0 | 18.092 | 2.784 | 0.516 | 10.5 | 2.832 | 5.5 | 3.446 | 0.503 | 8.3 | 3.483 |
| 249052.9 | 843552.6 | 86.4 | 20.933 | 10.920 | 27.5 | 23.610 | 27.8 | 18.788 | 2.852 | 0.449 | 8.9 | 2.887 | 5.6 | 3.337 | 0.675 | 11.4 | 3.405 |
| 249052.2 | 843553.3 | 86.3 | 21.451 | 11.205 | 27.6 | 24.201 | 26.7 | 19.259 | 2.868 | 0.371 | 7.4 | 2.891 | 5.7 | 2.954 | 0.884 | 16.7 | 3.083 |
| 249051.4 | 843554.0 | 86.1 | 21.857 | 11.474 | 27.7 | 24.686 | 25.6 | 19.644 | 2.831 | 0.289 | 5.8 | 2.846 | 6.0 | 2.510 | 1.091 | 23.5 | 2.737 |
| 249050.7 | 843554.7 | 86.0 | 22.150 | 11.727 | 27.9 | 25.063 | 24.7 | 19.944 | 2.742 | 0.218 | 4.5 | 2.751 | 6.5 | 2.024 | 1.292 | 32.5 | 2.401 |
| 249050.0 | 843555.4 | 85.9 | 22.329 | 11.961 | 28.2 | 25.331 | 23.9 | 20.158 | 2.602 | 0.191 | 4.2 | 2.608 | 7.3 | 1.513 | 1.482 | 44.4 | 2.118 |
| 249049.3 | 843556.1 | 85.8 | 22.392 | 12.171 | 28.5 | 25.486 | 23.2 | 20.281 | 2.413 | 0.242 | 5.7 | 2.425 | 8.4 | 0.989 | 1.658 | 59.2 | 1.931 |
| 249048.6 | 843556.8 | 85.7 | 22.331 | 12.347 | 28.9 | 25.517 | 22.7 | 20.305 | 2.182 | 0.350 | 9.1 | 2.210 | 9.8 | 0.461 | 1.814 | 75.7 | 1.871 |
| 249047.9 | 843557.5 | 85.5 | 21.995 | 12.408 | 29.4 | 25.253 | 22.3 | 20.096 | 1.914 | 0.481 | 14.1 | 1.974 | 10.8 | -0.161 | 1.913 | -85.2 | 1.920 |
| 249047.2 | 843558.2 | 85.3 | 21.489 | 12.386 | 30.0 | 24.803 | 22.2 | 19.737 | 1.619 | 0.628 | 21.2 | 1.737 | 10.9 | -0.754 | 1.937 | -68.7 | 2.078 |
| 249046.4 | 843558.9 | 85.1 | 21.084 | 12.411 | 30.5 | 24.466 | 22.1 | 19.469 | 1.311 | 0.787 | 31.0 | 1.529 | 10.8 | -1.134 | 1.940 | -59.7 | 2.247 |
| 249045.7 | 843559.6 | 85.1 | 20.960 | 12.590 | 31.0 | 24.451 | 22.0 | 19.457 | 0.998 | 0.954 | 43.7 | 1.380 | 12.2 | -1.276 | 2.024 | -57.8 | 2.392 |
| 249045.0 | 843560.3 | 85.0 | 20.757 | 12.730 | 31.5 | 24.350 | 22.0 | 19.377 | 0.684 | 1.121 | 58.6 | 1.313 | 11.8 | -1.408 | 2.094 | -56.1 | 2.523 |
| 249044.3 | 843561.0 | 84.9 | 20.278 | 12.700 | 32.1 | 23.927 | 22.2 | 19.041 | 0.374 | 1.282 | 73.7 | 1.335 | 7.7 | -1.554 | 2.035 | -52.6 | 2.560 |
| 249043.6 | 843561.7 | 84.9 | 19.970 | 12.766 | 32.6 | 23.702 | 22.5 | 18.861 | 0.100 | 1.437 | 86.0 | 1.441 | 5.4 | -1.621 | 2.071 | -52.0 | 2.630 |
| 249042.9 | 843562.4 | 84.8 | 19.531 | 12.734 | 33.1 | 23.315 | 23.0 | 18.554 | 0.221 | 1.580 | 82.0 | 1.595 | 3.0 | -1.665 | 2.038 | -50.8 | 2.632 |
| 249042.2 | 843563.1 | 84.9 | 19.247 | 12.797 | 33.6 | 23.113 | 23.4 | 18.393 | 0.476 | 1.708 | 74.4 | 1.773 | 2.4 | -1.723 | 2.145 | -51.2 | 2.752 |
| 249041.4 | 843563.8 | 84.9 | 18.957 | 12.846 | 34.1 | 22.899 | 24.0 | 18.223 | 0.709 | 1.816 | 68.7 | 1.950 | 2.1 | -1.813 | 2.292 | -51.7 | 2.923 |
| 249040.7 | 843564.5 | 85.0 | 18.658 | 12.879 | 34.6 | 22.671 | 24.6 | 18.041 | 0.916 | 1.901 | 64.3 | 2.110 | 2.3 | -1.946 | 2.480 | -51.9 | 3.152 |
| 249040.0 | 843565.2 | 84.9 | 17.951 | 12.575 | 35.0 | 21.917 | 25.5 | 17.441 | 1.087 | 1.951 | 60.9 | 2.234 | 1.5 | -1.895 | 2.302 | -50.5 | 2.981 |
| 249039.3 | 843565.9 | 84.7 | 17.034 | 12.067 | 35.3 | 20.875 | 26.4 | 16.612 | 1.226 | 1.970 | 58.1 | 2.320 | 0.5 | -1.669 | 1.887 | -48.5 | 2.519 |
| 249038.6 | 843566.6 | 84.5 | 16.128 | 11.530 | 35.6 | 19.826 | 27.4 | 15.777 | 1.335 | 1.959 | 55.7 | 2.371 | 0.2 | -1.387 | 1.453 | -46.3 | 2.009 |
| 249037.9 | 843567.3 | 84.5 | 15.466 | 11.162 | 35.8 | 19.073 | 28.4 | 15.178 | 1.416 | 1.924 | 53.6 | 2.389 | 0.3 | -1.280 | 1.305 | -45.5 | 1.828 |
| 249037.2 | 843568.0 | 84.5 | 14.866 | 10.822 | 36.1 | 18.388 | 29.3 | 14.632 | 1.469 | 1.864 | 51.8 | 2.373 | 0.5 | -1.243 | 1.249 | -45.1 | 1.762 |
| 249036.4 | 843568.7 | 84.5 | 14.246 | 10.441 | 36.2 | 17.662 | 30.3 | 14.055 | 1.495 | 1.781 | 50.0 | 2.325 | 0.7 | -1.197 | 1.176 | -44.5 | 1.678 |
| 249035.7 | 843569.4 | 84.5 | 13.646 | 10.055 | 36.4 | 16.951 | 31.3 | 13.489 | 1.498 | 1.680 | 48.3 | 2.251 | 1.0 | -1.182 | 1.134 | -43.8 | 1.638 |
| 249035.0 | 843570.1 | 84.6 | 13.056 | 9.659 | 36.5 | 16.241 | 32.3 | 12.924 | 1.482 | 1.565 | 46.6 | 2.155 | 1.4 | -1.183 | 1.101 | -42.9 | 1.616 |
| 249034.3 | 843570.8 | 84.5 | 12.314 | 9.104 | 36.5 | 15.314 | 33.3 | 12.186 | 1.447 | 1.438 | 44.8 | 2.040 | 1.3 | -0.966 | 0.848 | -41.3 | 1.285 |
| 249033.6 | 843571.5 | 84.5 | 11.673 | 8.624 | 36.5 | 14.513 | 34.2 | 11.549 | 1.400 | 1.308 | 43.0 | 1.916 | 1.4 | -0.864 | 0.719 | -39.8 | 1.125 |
| 249032.9 | 843572.2 | 84.5 | 11.101 | 8.192 | 36.4 | 13.796 | 35.1 | 10.979 | 1.343 | 1.178 | 41.2 | 1.787 | 1.7 | -0.841 | 0.665 | -38.3 | 1.072 |
| 249032.2 | 843572.9 | 84.5 | 10.498 | 7.718 | 36.3 | 13.030 | 36.0 | 10.369 | 1.279 | 1.049 | 39.4 | 1.654 | 1.8 | -0.741 | 0.547 | -36.4 | 0.921 |
| 249031.4 | 843573.6 | 84.4 | 9.881 | 7.223 | 36.2 | 12.239 | 36.7 | 9.740 | 1.209 | 0.925 | 37.4 | 1.522 | 1.7 | -0.579 | 0.391 | -34.0 | 0.699 |
| 249030.7 | 843574.3 | 84.3 | 9.325 | 6.775 | 36.0 | 11.526 | 37.5 | 9.172 | 1.136 | 0.807 | 35.4 | 1.394 | 1.7 | -0.479 | 0.293 | -31.4 | 0.561 |
| 249030.0 | 843575.0 | 84.3 | 8.823 | 6.368 | 35.8 | 10.881 | 38.2 | 8.659 | 1.062 | 0.699 | 33.3 | 1.271 | 1.9 | -0.432 | 0.237 | -28.8 | 0.493 |
| 249029.3 | 843575.7 | 84.3 | 8.344 | 5.978 | 35.6 | 10.264 | 38.8 | 8.168 | 0.989 | 0.599 | 31.2 | 1.156 | 2.0 | -0.387 | 0.186 | -25.7 | 0.429 |
| 249028.6 | 843576.4 | 84.3 | 7.883 | 5.601 | 35.4 | 9.671 | 39.3 | 7.696 | 0.917 | 0.508 | 29.0 | 1.048 | 2.1 | -0.333 | 0.134 | -21.9 | 0.359 |
| 249027.9 | 843577.1 | 84.2 | 7.422 | 5.222 | 35.1 | 9.075 | 39.8 | 7.222 | 0.846 | 0.426 | 26.7 | 0.948 | 1.9 | -0.234 | 0.065 | -15.5 | 0.242 |
| 249027.2 | 843577.8 | 84.2 | 6.981 | 4.860 | 34.8 | 8.506 | 40.2 | 6.769 | 0.779 | 0.353 | 24.4 | 0.855 | 1.7 | -0.127 | 0.002 | -0.7 | 0.127 |
| 249026.4 | 843578.5 | 84.2 | 6.610 | 4.558 | 34.6 | 8.029 | 40.6 | 6.390 | 0.715 | 0.289 | 22.0 | 0.771 | 1.9 | -0.118 | -0.014 | 6.6 | 0.119 |
| 249025.7 | 843579.2 | 84.2 | 6.261 | 4.275 | 34.3 | 7.581 | 40.9 | 6.033 | 0.654 | 0.233 | 19.6 | 0.695 | 2.1 | -0.112 | -0.027 | 13.8 | 0.115 |
| 249025.0 | 843579.9 | 84.2 | 5.934 | 4.011 | 34.1 | 7.162 | 41.2 | 5.700 | 0.598 | 0.184 | 17.1 | 0.625 | 2.3 | -0.111 | -0.039 | 19.4 | 0.118 |
| 249024.3 | 843580.6 | 84.3 | 5.632 | 3.768 | 33.8 | 6.776 | 41.5 | 5.392 | 0.544 | 0.142 | 14.6 | 0.563 | 2.6 | -0.122 | -0.048 | 21.6 | 0.131 |
| 249023.6 | 843581.3 | 84.4 | 5.360 | 3.550 | 33.5 | 6.429 | 41.7 | 5.116 | 0.495 | 0.106 | 12.1 | 0.506 | 3.2 | -0.157 | -0.054 | 18.9 | 0.165 |

Wire low point cross section results between structures [redacted]-6R and [redacted]-6A



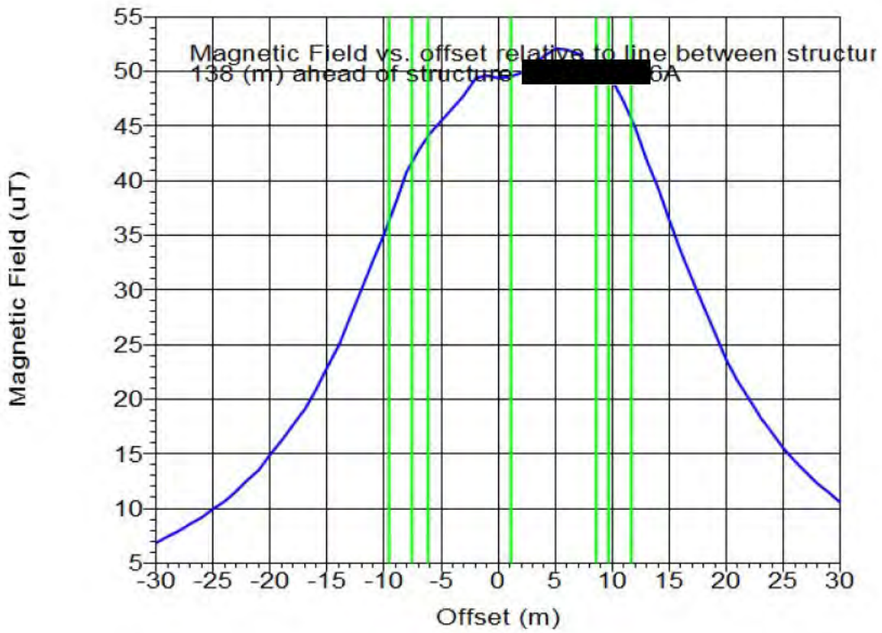



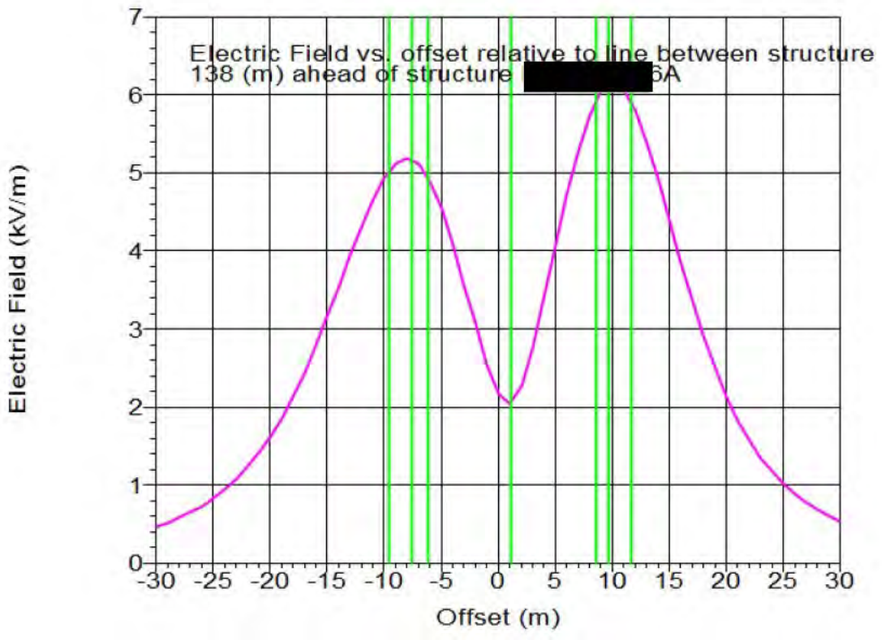

3D EMF Point Results Span from [redacted]-6R to [redacted]-6A:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248673.3 | 843275.9 | 115.0 | 5.117 | 3.510 | 34.4 | 6.205 | 42.0 | 4.938 | 0.388 | 0.284 | 36.2 | 0.481 | 20.6 | 2.091 | -0.243 | -6.6 | 2.105 |
| 248673.2 | 843276.9 | 114.8 | 5.359 | 3.634 | 34.1 | 6.475 | 41.7 | 5.152 | 0.431 | 0.296 | 34.4 | 0.523 | 19.3 | 2.159 | -0.168 | -4.4 | 2.165 |
| 248673.1 | 843277.9 | 114.5 | 5.608 | 3.760 | 33.8 | 6.752 | 41.2 | 5.373 | 0.477 | 0.307 | 32.7 | 0.567 | 18.1 | 2.217 | -0.084 | -2.2 | 2.219 |
| 248673.0 | 843278.9 | 114.1 | 5.790 | 3.841 | 33.6 | 6.948 | 40.7 | 5.529 | 0.524 | 0.315 | 31.0 | 0.611 | 16.4 | 2.150 | 0.081 | 2.2 | 2.152 |
| 248672.9 | 843279.9 | 113.6 | 5.937 | 3.900 | 33.3 | 7.103 | 40.0 | 5.653 | 0.572 | 0.321 | 29.3 | 0.655 | 14.5 | 2.000 | 0.284 | 8.1 | 2.020 |
| 248672.8 | 843280.8 | 113.3 | 6.164 | 4.008 | 33.0 | 7.352 | 39.5 | 5.851 | 0.625 | 0.326 | 27.6 | 0.705 | 13.4 | 1.946 | 0.419 | 12.2 | 1.990 |
| 248672.7 | 843281.8 | 113.6 | 6.624 | 4.254 | 32.7 | 7.872 | 39.2 | 6.265 | 0.688 | 0.335 | 26.0 | 0.766 | 13.8 | 2.248 | 0.372 | 9.4 | 2.279 |
| 248672.7 | 843282.8 | 113.9 | 7.144 | 4.530 | 32.4 | 8.459 | 38.9 | 6.732 | 0.756 | 0.343 | 24.4 | 0.831 | 14.3 | 2.620 | 0.314 | 6.8 | 2.639 |
| 248672.6 | 843283.8 | 113.2 | 7.196 | 4.531 | 32.2 | 8.504 | 38.1 | 6.767 | 0.807 | 0.338 | 22.7 | 0.875 | 12.4 | 2.225 | 0.608 | 15.3 | 2.306 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248672.5 | 843284.8 | 112.7 | 7.317 | 4.575 | 32.0 | 8.630 | 37.4 | 6.868 | 0.860 | 0.331 | 21.1 | 0.922 | 10.9 | 1.906 | 0.842 | 23.8 | 2.084 |
| 248672.4 | 843285.8 | 112.4 | 7.494 | 4.653 | 31.8 | 8.821 | 36.7 | 7.020 | 0.915 | 0.323 | 19.5 | 0.970 | 10.0 | 1.657 | 1.031 | 31.9 | 1.951 |
| 248672.3 | 843286.8 | 112.0 | 7.636 | 4.714 | 31.7 | 8.974 | 36.0 | 7.141 | 0.966 | 0.311 | 17.8 | 1.015 | 9.0 | 1.329 | 1.229 | 42.8 | 1.810 |
| 248672.2 | 843287.8 | 111.7 | 7.815 | 4.799 | 31.6 | 9.171 | 35.4 | 7.298 | 1.017 | 0.296 | 16.2 | 1.059 | 8.3 | 1.052 | 1.394 | 52.9 | 1.746 |
| 248672.1 | 843288.8 | 111.9 | 8.261 | 5.028 | 31.3 | 9.670 | 34.9 | 7.695 | 1.072 | 0.283 | 14.8 | 1.109 | 8.8 | 1.217 | 1.432 | 49.6 | 1.880 |
| 248672.0 | 843289.8 | 112.0 | 8.675 | 5.241 | 31.1 | 10.135 | 34.3 | 8.065 | 1.122 | 0.266 | 13.4 | 1.153 | 9.2 | 1.312 | 1.500 | 48.8 | 1.993 |
| 248672.0 | 843290.8 | 111.9 | 8.914 | 5.363 | 31.0 | 10.403 | 33.7 | 8.278 | 1.158 | 0.243 | 11.8 | 1.183 | 9.1 | 1.116 | 1.635 | 55.7 | 1.979 |
| 248671.9 | 843291.8 | 111.7 | 9.135 | 5.479 | 31.0 | 10.652 | 33.1 | 8.477 | 1.185 | 0.216 | 10.3 | 1.204 | 9.1 | 0.894 | 1.766 | 63.1 | 1.980 |
| 248671.8 | 843292.8 | 111.6 | 9.335 | 5.589 | 30.9 | 10.880 | 32.5 | 8.658 | 1.202 | 0.187 | 8.8 | 1.216 | 9.2 | 0.650 | 1.893 | 71.1 | 2.002 |
| 248671.7 | 843293.8 | 111.5 | 9.512 | 5.692 | 30.9 | 11.085 | 31.9 | 8.821 | 1.208 | 0.158 | 7.5 | 1.218 | 9.4 | 0.385 | 2.014 | 79.2 | 2.050 |
| 248671.6 | 843294.8 | 111.3 | 9.665 | 5.786 | 30.9 | 11.264 | 31.4 | 8.964 | 1.201 | 0.134 | 6.4 | 1.209 | 9.8 | 0.104 | 2.125 | 87.2 | 2.128 |
| 248671.5 | 843295.8 | 111.2 | 9.791 | 5.871 | 30.9 | 11.416 | 31.0 | 9.085 | 1.182 | 0.123 | 5.9 | 1.189 | 10.3 | -0.188 | 2.226 | -85.2 | 2.234 |
| 248671.4 | 843296.8 | 110.9 | 9.762 | 5.878 | 31.1 | 11.395 | 30.6 | 9.068 | 1.146 | 0.128 | 6.4 | 1.153 | 10.6 | -0.652 | 2.307 | -74.2 | 2.397 |
| 248671.3 | 843297.8 | 110.5 | 9.620 | 5.828 | 31.2 | 11.247 | 30.3 | 8.950 | 1.095 | 0.155 | 8.1 | 1.106 | 10.7 | -1.210 | 2.347 | -62.7 | 2.640 |
| 248671.3 | 843298.8 | 110.1 | 9.477 | 5.777 | 31.4 | 11.099 | 30.0 | 8.832 | 1.034 | 0.201 | 11.0 | 1.053 | 11.2 | -1.701 | 2.344 | -54.0 | 2.896 |
| 248671.2 | 843299.8 | 109.8 | 9.361 | 5.741 | 31.5 | 10.981 | 29.8 | 8.738 | 0.964 | 0.257 | 14.9 | 0.997 | 12.3 | -2.085 | 2.308 | -47.9 | 3.110 |
| 248671.1 | 843300.8 | 109.5 | 9.208 | 5.685 | 31.7 | 10.822 | 29.7 | 8.612 | 0.884 | 0.318 | 19.8 | 0.940 | 14.1 | -2.435 | 2.226 | -42.4 | 3.299 |
| 248671.0 | 843301.8 | 109.2 | 9.048 | 5.624 | 31.9 | 10.654 | 29.6 | 8.478 | 0.798 | 0.382 | 25.6 | 0.885 | 16.9 | -2.711 | 2.106 | -37.8 | 3.433 |
| 248670.9 | 843302.8 | 109.0 | 8.874 | 5.554 | 32.0 | 10.469 | 29.5 | 8.331 | 0.706 | 0.448 | 32.4 | 0.836 | 20.9 | -2.919 | 1.946 | -33.7 | 3.508 |
| 248670.8 | 843303.8 | 108.7 | 8.703 | 5.484 | 32.2 | 10.287 | 29.5 | 8.186 | 0.612 | 0.514 | 40.0 | 0.799 | 25.8 | -3.042 | 1.757 | -30.0 | 3.513 |
| 248670.7 | 843304.8 | 108.4 | 8.522 | 5.405 | 32.4 | 10.091 | 29.6 | 8.030 | 0.519 | 0.578 | 48.1 | 0.776 | 31.0 | -3.095 | 1.535 | -26.4 | 3.455 |
| 248670.6 | 843305.8 | 108.2 | 8.335 | 5.321 | 32.6 | 9.888 | 29.7 | 7.869 | 0.431 | 0.640 | 56.1 | 0.771 | 35.2 | -3.079 | 1.286 | -22.7 | 3.337 |
| 248670.6 | 843306.7 | 108.0 | 8.140 | 5.229 | 32.7 | 9.675 | 29.8 | 7.699 | 0.354 | 0.698 | 63.1 | 0.783 | 37.3 | -3.000 | 1.013 | -18.7 | 3.166 |
| 248670.5 | 843307.7 | 107.8 | 7.946 | 5.135 | 32.9 | 9.461 | 30.0 | 7.529 | 0.298 | 0.752 | 68.4 | 0.809 | 36.7 | -2.860 | 0.729 | -14.3 | 2.952 |
| 248670.4 | 843308.7 | 107.7 | 7.862 | 5.111 | 33.0 | 9.378 | 30.2 | 7.462 | 0.259 | 0.799 | 72.1 | 0.840 | 32.4 | -2.660 | 0.571 | -12.1 | 2.720 |
| 248670.3 | 843309.7 | 107.8 | 7.807 | 5.107 | 33.2 | 9.329 | 30.4 | 7.424 | 0.249 | 0.840 | 73.5 | 0.876 | 27.3 | -2.457 | 0.472 | -10.9 | 2.502 |
| 248670.2 | 843310.7 | 107.8 | 7.728 | 5.085 | 33.3 | 9.251 | 30.6 | 7.361 | 0.275 | 0.874 | 72.5 | 0.916 | 22.8 | -2.264 | 0.372 | -9.3 | 2.294 |
| 248670.1 | 843311.7 | 107.8 | 7.624 | 5.045 | 33.5 | 9.142 | 30.9 | 7.275 | 0.323 | 0.902 | 70.3 | 0.958 | 19.2 | -2.079 | 0.267 | -7.3 | 2.096 |
| 248670.0 | 843312.7 | 107.8 | 7.498 | 4.989 | 33.6 | 9.006 | 31.2 | 7.167 | 0.379 | 0.922 | 67.7 | 0.997 | 16.2 | -1.899 | 0.158 | -4.8 | 1.906 |
| 248669.9 | 843313.7 | 107.8 | 7.352 | 4.916 | 33.8 | 8.844 | 31.5 | 7.038 | 0.436 | 0.935 | 65.0 | 1.031 | 13.9 | -1.723 | 0.044 | -1.5 | 1.724 |
| 248669.9 | 843314.7 | 107.8 | 7.194 | 4.832 | 33.9 | 8.666 | 31.9 | 6.896 | 0.489 | 0.940 | 62.5 | 1.059 | 11.9 | -1.555 | -0.064 | 2.4 | 1.556 |
| 248669.8 | 843315.7 | 107.8 | 7.031 | 4.743 | 34.0 | 8.481 | 32.3 | 6.749 | 0.536 | 0.938 | 60.3 | 1.080 | 10.3 | -1.398 | -0.158 | 6.4 | 1.407 |
| 248669.7 | 843316.7 | 107.8 | 6.851 | 4.638 | 34.1 | 8.273 | 32.7 | 6.584 | 0.577 | 0.928 | 58.1 | 1.093 | 9.1 | -1.243 | -0.258 | 11.7 | 1.269 |
| 248669.6 | 843317.7 | 107.8 | 6.649 | 4.514 | 34.2 | 8.037 | 33.2 | 6.395 | 0.611 | 0.912 | 56.2 | 1.098 | 8.1 | -1.078 | -0.378 | 19.3 | 1.142 |
| 248669.5 | 843318.7 | 107.7 | 6.441 | 4.382 | 34.2 | 7.790 | 33.6 | 6.199 | 0.637 | 0.890 | 54.4 | 1.094 | 7.4 | -0.916 | -0.495 | 28.4 | 1.041 |
| 248669.4 | 843319.7 | 107.7 | 6.231 | 4.245 | 34.3 | 7.540 | 34.1 | 6.000 | 0.657 | 0.862 | 52.7 | 1.084 | 6.8 | -0.762 | -0.602 | 38.3 | 0.971 |
| 248669.3 | 843320.7 | 107.6 | 6.018 | 4.104 | 34.3 | 7.284 | 34.5 | 5.797 | 0.669 | 0.830 | 51.1 | 1.066 | 6.3 | -0.613 | -0.702 | 48.9 | 0.932 |
| 248669.2 | 843321.7 | 107.5 | 5.795 | 3.951 | 34.3 | 7.014 | 34.9 | 5.582 | 0.676 | 0.794 | 49.6 | 1.042 | 6.0 | -0.454 | -0.813 | 60.8 | 0.931 |
| 248669.1 | 843322.7 | 107.4 | 5.563 | 3.790 | 34.3 | 6.731 | 35.3 | 5.356 | 0.677 | 0.755 | 48.1 | 1.014 | 5.8 | -0.283 | -0.935 | 73.1 | 0.977 |
| 248669.1 | 843323.7 | 107.2 | 5.331 | 3.625 | 34.2 | 6.447 | 35.7 | 5.130 | 0.672 | 0.714 | 46.7 | 0.980 | 5.8 | -0.112 | -1.053 | 83.9 | 1.058 |
| 248669.0 | 843324.7 | 107.1 | 5.106 | 3.465 | 34.2 | 6.170 | 36.1 | 4.910 | 0.663 | 0.671 | 45.3 | 0.944 | 5.8 | 0.048 | -1.152 | -87.6 | 1.153 |
| 248668.9 | 843325.7 | 107.0 | 4.888 | 3.308 | 34.1 | 5.902 | 36.5 | 4.697 | 0.651 | 0.628 | 44.0 | 0.904 | 5.9 | 0.194 | -1.233 | -81.1 | 1.249 |
| 248668.8 | 843326.7 | 106.8 | 4.678 | 3.156 | 34.0 | 5.643 | 36.8 | 4.490 | 0.635 | 0.585 | 42.7 | 0.863 | 6.0 | 0.327 | -1.298 | -75.9 | 1.338 |
| 248668.7 | 843327.7 | 106.7 | 4.475 | 3.008 | 33.9 | 5.392 | 37.1 | 4.291 | 0.616 | 0.542 | 41.4 | 0.820 | 6.2 | 0.446 | -1.346 | -71.7 | 1.418 |
| 248668.6 | 843328.7 | 106.5 | 4.281 | 2.866 | 33.8 | 5.151 | 37.4 | 4.099 | 0.595 | 0.500 | 40.1 | 0.777 | 6.5 | 0.552 | -1.380 | -68.2 | 1.486 |
| 248668.5 | 843329.7 | 106.4 | 4.094 | 2.729 | 33.7 | 4.920 | 37.7 | 3.915 | 0.572 | 0.460 | 38.8 | 0.734 | 6.7 | 0.644 | -1.399 | -65.3 | 1.540 |
| 248668.4 | 843330.7 | 106.3 | 3.915 | 2.598 | 33.6 | 4.698 | 37.9 | 3.739 | 0.548 | 0.421 | 37.5 | 0.691 | 7.1 | 0.723 | -1.407 | -62.8 | 1.582 |
| 248668.4 | 843331.7 | 106.1 | 3.744 | 2.472 | 33.4 | 4.486 | 38.1 | 3.570 | 0.524 | 0.384 | 36.2 | 0.649 | 7.4 | 0.789 | -1.404 | -60.6 | 1.610 |
| 248668.3 | 843332.6 | 106.2 | 3.618 | 2.380 | 33.3 | 4.331 | 38.4 | 3.446 | 0.498 | 0.348 | 35.0 | 0.608 | 7.4 | 0.738 | -1.318 | -60.7 | 1.511 |
| 248668.2 | 843333.6 | 106.4 | 3.508 | 2.299 | 33.2 | 4.194 | 38.7 | 3.337 | 0.473 | 0.315 | 33.7 | 0.568 | 7.2 | 0.653 | -1.216 | -61.8 | 1.380 |
| 248668.1 | 843334.6 | 106.5 | 3.398 | 2.218 | 33.1 | 4.058 | 39.0 | 3.229 | 0.447 | 0.283 | 32.4 | 0.529 | 7.0 | 0.572 | -1.124 | -63.0 | 1.261 |
| 248668.0 | 843335.6 | 106.7 | 3.294 | 2.141 | 33.0 | 3.929 | 39.2 | 3.126 | 0.422 | 0.254 | 31.0 | 0.493 | 6.9 | 0.486 | -1.037 | -64.9 | 1.145 |

Wire low point cross section results between structures [redacted]-6A and [redacted]-7R



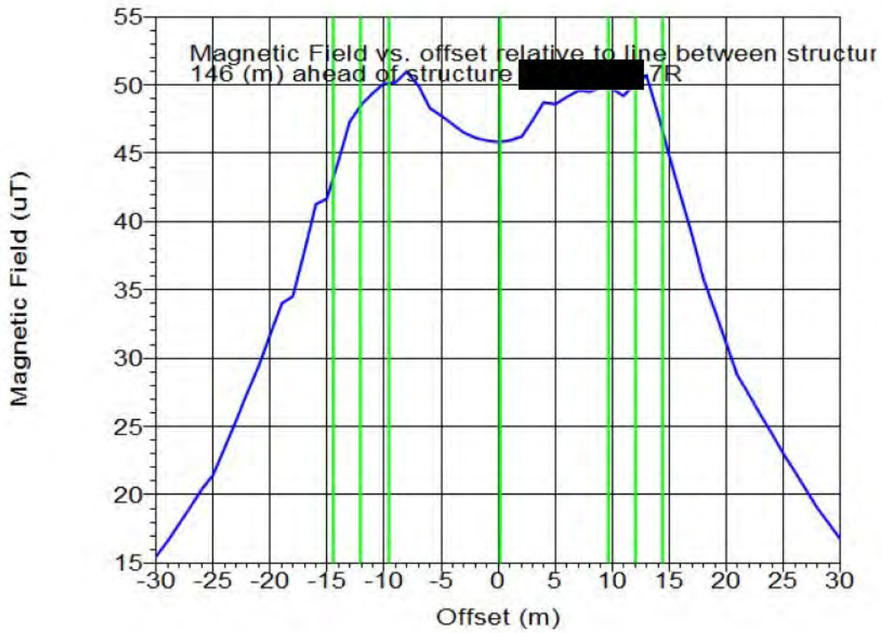



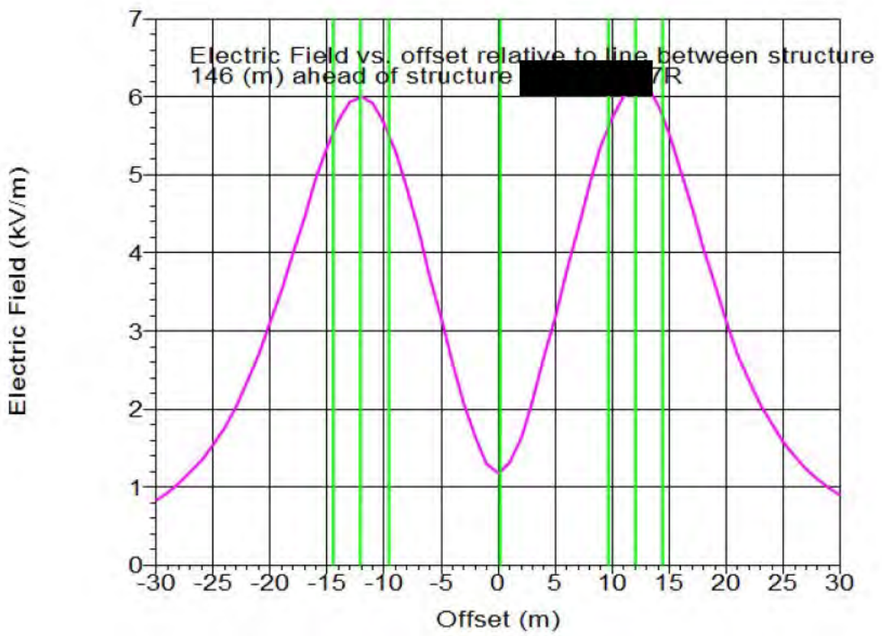

3D EMF Point Results Span from [redacted]-6A to [redacted]-7R:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248364.7 | 843156.7 | 131.8 | 5.601 | 4.037 | 35.8 | 6.904 | 44.1 | 5.494 | 0.153 | 0.439 | 70.7 | 0.465 | 27.8 | -0.785 | 0.713 | -42.3 | 1.060 |
| 248363.9 | 843157.3 | 132.0 | 6.047 | 4.299 | 35.4 | 7.419 | 44.1 | 5.904 | 0.192 | 0.481 | 68.3 | 0.518 | 26.3 | -0.920 | 0.709 | -37.6 | 1.161 |
| 248363.1 | 843157.9 | 132.2 | 6.527 | 4.573 | 35.0 | 7.969 | 44.0 | 6.342 | 0.244 | 0.525 | 65.1 | 0.579 | 25.0 | -1.067 | 0.712 | -33.7 | 1.283 |
| 248362.3 | 843158.5 | 132.3 | 7.061 | 4.872 | 34.6 | 8.579 | 43.9 | 6.827 | 0.309 | 0.573 | 61.7 | 0.651 | 23.4 | -1.221 | 0.696 | -29.7 | 1.406 |
| 248361.6 | 843159.1 | 132.5 | 7.648 | 5.192 | 34.2 | 9.244 | 43.7 | 7.356 | 0.389 | 0.622 | 57.9 | 0.734 | 21.8 | -1.386 | 0.673 | -25.9 | 1.541 |
| 248360.8 | 843159.7 | 132.6 | 8.249 | 5.504 | 33.7 | 9.917 | 43.4 | 7.892 | 0.489 | 0.673 | 54.0 | 0.832 | 20.8 | -1.597 | 0.703 | -23.8 | 1.745 |
| 248360.0 | 843160.4 | 132.7 | 8.922 | 5.847 | 33.2 | 10.667 | 43.0 | 8.489 | 0.608 | 0.726 | 50.1 | 0.947 | 19.5 | -1.819 | 0.706 | -21.2 | 1.951 |
| 248359.2 | 843161.0 | 132.9 | 9.718 | 6.247 | 32.7 | 11.553 | 42.6 | 9.194 | 0.747 | 0.778 | 46.2 | 1.079 | 17.5 | -2.001 | 0.625 | -17.3 | 2.096 |
| 248358.4 | 843161.6 | 133.1 | 10.569 | 6.659 | 32.2 | 12.492 | 42.1 | 9.941 | 0.913 | 0.830 | 42.3 | 1.234 | 15.8 | -2.211 | 0.561 | -14.2 | 2.281 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248357.6 | 843162.2 | 133.3 | 11.574 | 7.135 | 31.7 | 13.596 | 41.6 | 10.819 | 1.107 | 0.879 | 38.5 | 1.413 | 13.5 | -2.341 | 0.409 | -9.9 | 2.376 |
| 248356.8 | 843162.8 | 133.5 | 12.716 | 7.659 | 31.1 | 14.844 | 40.9 | 11.813 | 1.331 | 0.924 | 34.8 | 1.620 | 11.2 | -2.400 | 0.212 | -5.0 | 2.410 |
| 248356.0 | 843163.4 | 133.8 | 13.974 | 8.214 | 30.4 | 16.209 | 40.1 | 12.899 | 1.590 | 0.964 | 31.2 | 1.859 | 9.1 | -2.418 | 0.005 | -0.1 | 2.418 |
| 248355.2 | 843164.0 | 133.9 | 15.242 | 8.743 | 29.8 | 17.571 | 39.1 | 13.983 | 1.887 | 0.997 | 27.9 | 2.134 | 7.7 | -2.540 | -0.121 | 2.7 | 2.543 |
| 248354.4 | 843164.6 | 134.0 | 16.659 | 9.315 | 29.2 | 19.087 | 38.0 | 15.189 | 2.220 | 1.021 | 24.7 | 2.444 | 6.3 | -2.581 | -0.283 | 6.2 | 2.597 |
| 248353.7 | 843165.3 | 134.2 | 18.277 | 9.950 | 28.6 | 20.810 | 36.8 | 16.560 | 2.587 | 1.032 | 21.8 | 2.785 | 4.8 | -2.458 | -0.498 | 11.5 | 2.508 |
| 248352.9 | 843165.9 | 134.4 | 20.136 | 10.658 | 27.9 | 22.783 | 35.5 | 18.130 | 2.980 | 1.030 | 19.1 | 3.153 | 3.4 | -2.100 | -0.766 | 20.0 | 2.235 |
| 248352.1 | 843166.5 | 134.6 | 22.208 | 11.421 | 27.2 | 24.973 | 34.1 | 19.873 | 3.393 | 1.013 | 16.6 | 3.541 | 2.1 | -1.537 | -1.046 | 34.2 | 1.859 |
| 248351.3 | 843167.1 | 134.9 | 24.533 | 12.253 | 26.5 | 27.423 | 32.5 | 21.823 | 3.810 | 0.979 | 14.4 | 3.934 | 1.0 | -0.710 | -1.337 | 62.0 | 1.514 |
| 248350.5 | 843167.7 | 135.2 | 27.110 | 13.152 | 25.9 | 30.132 | 30.8 | 23.978 | 4.214 | 0.929 | 12.4 | 4.315 | 0.6 | 0.376 | -1.618 | -76.9 | 1.661 |
| 248349.7 | 843168.3 | 135.3 | 29.521 | 13.985 | 25.3 | 32.666 | 29.0 | 25.995 | 4.578 | 0.861 | 10.7 | 4.658 | 0.9 | 1.229 | -1.780 | -55.4 | 2.163 |
| 248348.9 | 843168.9 | 135.4 | 31.764 | 14.783 | 25.0 | 35.036 | 27.2 | 27.881 | 4.872 | 0.776 | 9.0 | 4.933 | 1.1 | 1.922 | -1.869 | -44.2 | 2.681 |
| 248348.1 | 843169.6 | 135.7 | 34.532 | 15.781 | 24.6 | 37.967 | 25.2 | 30.214 | 5.077 | 0.676 | 7.6 | 5.122 | 1.5 | 3.223 | -2.010 | -31.9 | 3.798 |
| 248347.3 | 843170.2 | 135.9 | 37.242 | 16.818 | 24.3 | 40.863 | 23.2 | 32.518 | 5.166 | 0.561 | 6.2 | 5.197 | 2.0 | 4.468 | -2.084 | -25.0 | 4.930 |
| 248346.6 | 843170.8 | 136.0 | 38.995 | 17.660 | 24.4 | 42.807 | 21.4 | 34.065 | 5.101 | 0.430 | 4.8 | 5.119 | 2.2 | 4.880 | -2.027 | -22.6 | 5.284 |
| 248345.8 | 843171.4 | 136.0 | 40.210 | 18.451 | 24.6 | 44.241 | 19.7 | 35.206 | 4.885 | 0.288 | 3.4 | 4.894 | 2.5 | 4.944 | -1.922 | -21.2 | 5.304 |
| 248345.0 | 843172.0 | 136.1 | 41.196 | 19.289 | 25.1 | 45.488 | 18.2 | 36.198 | 4.539 | 0.170 | 2.1 | 4.542 | 3.2 | 4.933 | -1.794 | -20.0 | 5.249 |
| 248344.2 | 843172.6 | 136.2 | 42.049 | 20.214 | 25.7 | 46.655 | 16.8 | 37.127 | 4.085 | 0.222 | 3.1 | 4.091 | 4.7 | 4.888 | -1.629 | -18.4 | 5.152 |
| 248343.4 | 843173.2 | 136.3 | 42.834 | 21.255 | 26.4 | 47.818 | 15.4 | 38.052 | 3.552 | 0.425 | 6.8 | 3.577 | 7.9 | 4.793 | -1.403 | -16.3 | 4.994 |
| 248342.6 | 843173.9 | 136.5 | 43.941 | 22.581 | 27.2 | 49.404 | 14.1 | 39.314 | 2.985 | 0.695 | 13.1 | 3.064 | 14.8 | 4.767 | -1.043 | -12.3 | 4.880 |
| 248341.8 | 843174.5 | 136.5 | 43.657 | 23.483 | 28.3 | 49.572 | 13.4 | 39.448 | 2.351 | 0.989 | 22.8 | 2.551 | 24.0 | 3.996 | -0.722 | -10.2 | 4.061 |
| 248341.0 | 843175.1 | 136.4 | 43.043 | 24.300 | 29.4 | 49.429 | 13.1 | 39.334 | 1.709 | 1.326 | 37.8 | 2.163 | 36.5 | 3.149 | -0.424 | -7.7 | 3.178 |
| 248340.2 | 843175.7 | 136.4 | 42.575 | 25.228 | 30.6 | 49.488 | 12.9 | 39.381 | 1.121 | 1.711 | 56.8 | 2.045 | 44.0 | 2.398 | -0.075 | -1.8 | 2.399 |
| 248339.4 | 843176.3 | 136.5 | 42.362 | 26.343 | 31.9 | 49.885 | 12.9 | 39.697 | 0.754 | 2.140 | 70.6 | 2.269 | 35.2 | 1.691 | 0.400 | 13.3 | 1.738 |
| 248338.7 | 843176.9 | 136.6 | 42.381 | 27.660 | 33.1 | 50.608 | 13.1 | 40.273 | 0.905 | 2.608 | 70.9 | 2.761 | 23.6 | 0.935 | 1.061 | 48.6 | 1.415 |
| 248337.9 | 843177.5 | 136.7 | 42.374 | 29.016 | 34.4 | 51.357 | 13.5 | 40.869 | 1.373 | 3.101 | 66.1 | 3.391 | 15.5 | 0.099 | 1.833 | 86.9 | 1.836 |
| 248337.1 | 843178.2 | 136.8 | 42.302 | 30.361 | 35.7 | 52.070 | 14.2 | 41.436 | 1.906 | 3.598 | 62.1 | 4.072 | 10.6 | -0.799 | 2.696 | -73.5 | 2.812 |
| 248336.3 | 843178.8 | 136.8 | 41.564 | 31.145 | 36.8 | 51.938 | 15.3 | 41.331 | 2.400 | 4.058 | 59.4 | 4.714 | 7.2 | -1.509 | 3.229 | -64.9 | 3.564 |
| 248335.5 | 843179.4 | 136.8 | 40.724 | 31.766 | 38.0 | 51.648 | 16.7 | 41.100 | 2.852 | 4.455 | 57.4 | 5.290 | 5.2 | -2.170 | 3.756 | -60.0 | 4.338 |
| 248334.7 | 843180.0 | 136.7 | 39.215 | 31.644 | 38.9 | 50.390 | 18.4 | 40.099 | 3.214 | 4.736 | 55.8 | 5.724 | 4.0 | -2.481 | 3.812 | -56.9 | 4.548 |
| 248333.9 | 843180.6 | 136.8 | 38.363 | 32.060 | 39.9 | 49.996 | 20.0 | 39.785 | 3.509 | 4.910 | 54.5 | 6.035 | 3.7 | -3.223 | 4.528 | -54.6 | 5.558 |
| 248333.1 | 843181.2 | 136.9 | 37.209 | 32.076 | 40.8 | 49.126 | 21.8 | 39.094 | 3.693 | 4.929 | 53.2 | 6.159 | 3.7 | -3.887 | 5.100 | -52.7 | 6.413 |
| 248332.3 | 843181.8 | 137.0 | 35.415 | 31.263 | 41.4 | 47.240 | 23.9 | 37.592 | 3.753 | 4.770 | 51.8 | 6.069 | 3.8 | -4.173 | 5.144 | -50.9 | 6.624 |
| 248331.5 | 843182.4 | 137.0 | 33.309 | 29.927 | 41.9 | 44.779 | 26.0 | 35.634 | 3.706 | 4.461 | 50.3 | 5.800 | 4.1 | -4.237 | 4.896 | -49.1 | 6.475 |
| 248330.8 | 843183.1 | 137.0 | 31.016 | 28.190 | 42.3 | 41.912 | 28.2 | 33.353 | 3.573 | 4.041 | 48.5 | 5.394 | 4.5 | -4.108 | 4.424 | -47.1 | 6.037 |
| 248330.0 | 843183.7 | 137.0 | 28.895 | 26.490 | 42.5 | 39.200 | 30.4 | 31.195 | 3.382 | 3.563 | 46.5 | 4.912 | 5.1 | -4.073 | 4.060 | -44.9 | 5.751 |
| 248329.2 | 843184.3 | 137.0 | 26.761 | 24.618 | 42.6 | 36.362 | 32.5 | 28.936 | 3.148 | 3.057 | 44.2 | 4.388 | 5.8 | -3.924 | 3.586 | -42.4 | 5.315 |
| 248328.4 | 843184.9 | 137.1 | 24.741 | 22.747 | 42.6 | 33.609 | 34.6 | 26.745 | 2.894 | 2.560 | 41.5 | 3.863 | 6.6 | -3.759 | 3.115 | -39.6 | 4.882 |
| 248327.6 | 843185.5 | 137.1 | 22.797 | 20.855 | 42.5 | 30.897 | 36.6 | 24.587 | 2.631 | 2.092 | 38.5 | 3.362 | 7.4 | -3.515 | 2.609 | -36.6 | 4.378 |
| 248326.8 | 843186.1 | 137.2 | 21.094 | 19.174 | 42.3 | 28.506 | 38.5 | 22.685 | 2.375 | 1.675 | 35.2 | 2.906 | 8.6 | -3.391 | 2.224 | -33.3 | 4.055 |
| 248326.0 | 843186.7 | 137.1 | 19.309 | 17.318 | 41.9 | 25.937 | 40.1 | 20.640 | 2.126 | 1.303 | 31.5 | 2.494 | 9.0 | -2.971 | 1.694 | -29.7 | 3.420 |
| 248325.2 | 843187.4 | 137.1 | 17.712 | 15.650 | 41.5 | 23.636 | 41.6 | 18.809 | 1.894 | 0.988 | 27.5 | 2.136 | 9.4 | -2.611 | 1.272 | -26.0 | 2.904 |
| 248324.4 | 843188.0 | 137.1 | 16.361 | 14.251 | 41.1 | 21.698 | 43.0 | 17.266 | 1.680 | 0.728 | 23.4 | 1.831 | 10.3 | -2.419 | 0.983 | -22.1 | 2.611 |
| 248323.7 | 843188.6 | 137.2 | 15.154 | 13.001 | 40.6 | 19.967 | 44.2 | 15.889 | 1.485 | 0.518 | 19.2 | 1.573 | 11.4 | -2.271 | 0.743 | -18.1 | 2.390 |
| 248322.9 | 843189.2 | 137.2 | 14.046 | 11.855 | 40.2 | 18.380 | 45.3 | 14.627 | 1.308 | 0.352 | 15.1 | 1.354 | 12.5 | -2.121 | 0.530 | -14.0 | 2.186 |
| 248322.1 | 843189.8 | 137.3 | 13.029 | 10.811 | 39.7 | 16.930 | 46.2 | 13.472 | 1.148 | 0.230 | 11.4 | 1.171 | 13.5 | -1.971 | 0.344 | -9.9 | 2.001 |
| 248321.3 | 843190.4 | 137.3 | 12.075 | 9.839 | 39.2 | 15.576 | 46.9 | 12.395 | 1.004 | 0.154 | 8.7 | 1.016 | 14.3 | -1.792 | 0.184 | -5.9 | 1.802 |
| 248320.5 | 843191.0 | 137.3 | 11.183 | 8.942 | 38.6 | 14.319 | 47.5 | 11.394 | 0.875 | 0.131 | 8.5 | 0.885 | 14.6 | -1.597 | 0.056 | -2.0 | 1.598 |
| 248319.7 | 843191.7 | 137.4 | 10.428 | 8.194 | 38.2 | 13.262 | 48.0 | 10.553 | 0.761 | 0.155 | 11.5 | 0.777 | 15.9 | -1.502 | -0.057 | 2.2 | 1.503 |
| 248318.9 | 843192.3 | 137.6 | 9.757 | 7.538 | 37.7 | 12.330 | 48.5 | 9.812 | 0.660 | 0.188 | 15.9 | 0.687 | 17.7 | -1.440 | -0.167 | 6.6 | 1.450 |
| 248318.1 | 843192.9 | 137.6 | 9.073 | 6.881 | 37.2 | 11.387 | 48.7 | 9.061 | 0.570 | 0.212 | 20.4 | 0.608 | 18.0 | -1.286 | -0.235 | 10.4 | 1.307 |
| 248317.3 | 843193.5 | 137.6 | 8.441 | 6.286 | 36.7 | 10.524 | 48.7 | 8.375 | 0.490 | 0.230 | 25.1 | 0.541 | 18.2 | -1.139 | -0.282 | 13.9 | 1.174 |

Wire low point cross section results between structures [redacted]-7R and [redacted]-8R



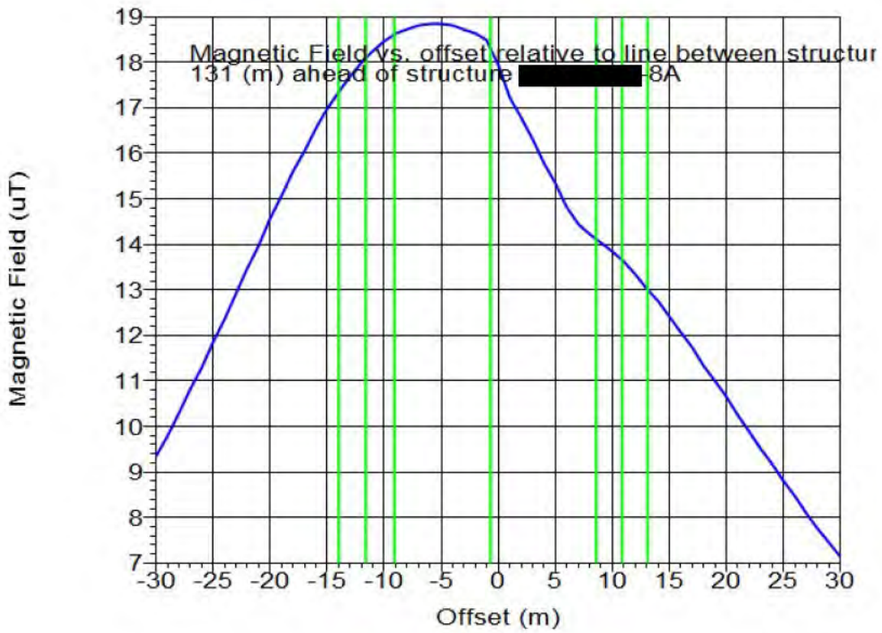



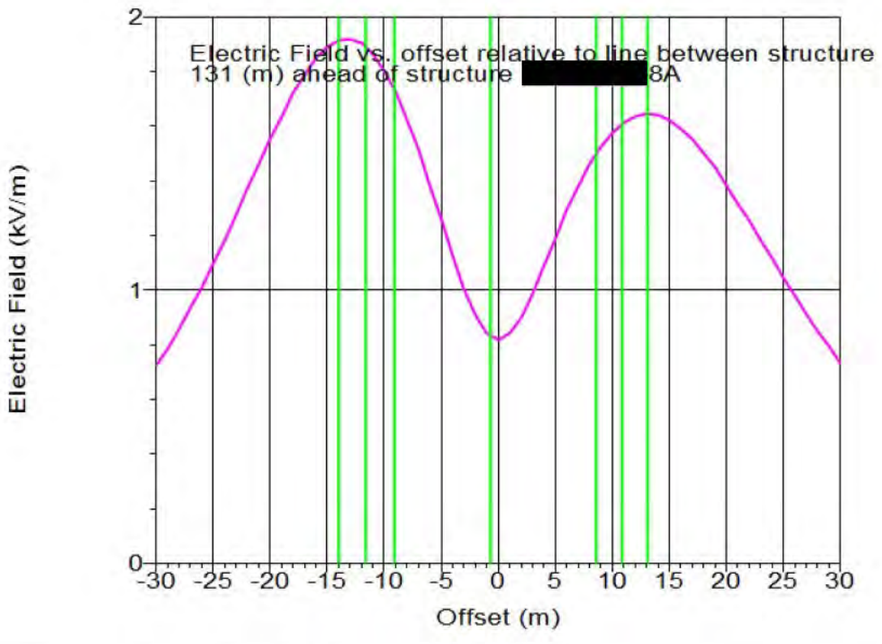

3D EMF Point Results Span from [redacted]-7R to [redacted]-8R:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248190.6 | 842930.9 | 135.2 | 13.201 | 8.006 | 31.2 | 15.439 | 38.8 | 12.286 | 0.303 | 0.779 | 68.7 | 0.836 | 7.4 | 0.467 | -0.898 | -62.5 | 1.012 |
| 248189.8 | 842931.5 | 135.4 | 14.317 | 8.533 | 30.8 | 16.667 | 39.2 | 13.263 | 0.408 | 0.844 | 64.2 | 0.938 | 8.7 | 0.649 | -1.159 | -60.8 | 1.328 |
| 248189.0 | 842932.1 | 135.4 | 15.403 | 8.976 | 30.2 | 17.828 | 39.1 | 14.187 | 0.533 | 0.910 | 59.6 | 1.054 | 8.6 | 0.779 | -1.237 | -57.8 | 1.462 |
| 248188.2 | 842932.7 | 135.4 | 16.599 | 9.441 | 29.6 | 19.096 | 38.9 | 15.196 | 0.684 | 0.976 | 55.0 | 1.192 | 8.4 | 0.934 | -1.316 | -54.6 | 1.614 |
| 248187.4 | 842933.3 | 135.4 | 17.915 | 9.927 | 29.0 | 20.482 | 38.6 | 16.299 | 0.865 | 1.041 | 50.3 | 1.354 | 8.2 | 1.120 | -1.394 | -51.2 | 1.788 |
| 248186.6 | 842933.9 | 135.0 | 18.884 | 10.157 | 28.3 | 21.442 | 37.6 | 17.063 | 1.077 | 1.102 | 45.6 | 1.541 | 4.9 | 0.915 | -1.037 | -48.6 | 1.383 |
| 248185.8 | 842934.5 | 135.3 | 20.844 | 10.899 | 27.6 | 23.522 | 37.3 | 18.718 | 1.333 | 1.163 | 41.1 | 1.769 | 7.2 | 1.504 | -1.453 | -44.0 | 2.091 |
| 248185.0 | 842935.1 | 135.4 | 22.685 | 11.494 | 26.9 | 25.430 | 36.5 | 20.237 | 1.631 | 1.217 | 36.7 | 2.035 | 7.4 | 1.903 | -1.598 | -40.0 | 2.485 |
| 248184.2 | 842935.7 | 135.4 | 24.573 | 12.044 | 26.1 | 27.366 | 35.4 | 21.777 | 1.975 | 1.261 | 32.6 | 2.343 | 7.1 | 2.252 | -1.650 | -36.2 | 2.791 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248183.4 | 842936.3 | 135.4 | 26.614 | 12.603 | 25.3 | 29.448 | 34.2 | 23.434 | 2.366 | 1.295 | 28.7 | 2.697 | 6.6 | 2.649 | -1.688 | -32.5 | 3.141 |
| 248182.6 | 842936.9 | 135.4 | 28.799 | 13.166 | 24.6 | 31.666 | 32.8 | 25.199 | 2.805 | 1.315 | 25.1 | 3.098 | 6.1 | 3.092 | -1.711 | -29.0 | 3.534 |
| 248181.9 | 842937.5 | 135.4 | 31.108 | 13.728 | 23.8 | 34.002 | 31.3 | 27.058 | 3.284 | 1.320 | 21.9 | 3.540 | 5.5 | 3.575 | -1.716 | -25.6 | 3.966 |
| 248181.1 | 842938.2 | 134.9 | 31.669 | 13.696 | 23.4 | 34.504 | 29.4 | 27.457 | 3.769 | 1.301 | 19.0 | 3.987 | 2.5 | 2.178 | -1.044 | -25.6 | 2.415 |
| 248180.3 | 842938.8 | 135.2 | 35.065 | 14.577 | 22.6 | 37.974 | 27.8 | 30.219 | 4.296 | 1.276 | 16.5 | 4.482 | 3.5 | 3.731 | -1.407 | -20.7 | 3.988 |
| 248179.5 | 842939.4 | 135.4 | 38.318 | 15.362 | 21.8 | 41.282 | 26.0 | 32.852 | 4.815 | 1.235 | 14.4 | 4.970 | 3.8 | 5.107 | -1.614 | -17.5 | 5.356 |
| 248178.7 | 842940.0 | 135.1 | 38.737 | 15.409 | 21.7 | 41.690 | 24.3 | 33.176 | 5.224 | 1.169 | 12.6 | 5.353 | 2.3 | 3.741 | -1.139 | -16.9 | 3.911 |
| 248177.9 | 842940.6 | 135.2 | 41.554 | 16.124 | 21.2 | 44.573 | 22.4 | 35.470 | 5.597 | 1.098 | 11.1 | 5.704 | 2.4 | 4.942 | -1.267 | -14.4 | 5.102 |
| 248177.1 | 842941.2 | 135.4 | 44.204 | 16.835 | 20.8 | 47.301 | 20.4 | 37.641 | 5.855 | 1.019 | 9.9 | 5.943 | 2.5 | 6.133 | -1.355 | -12.5 | 6.281 |
| 248176.3 | 842941.8 | 135.4 | 45.413 | 17.282 | 20.8 | 48.591 | 18.6 | 38.667 | 5.934 | 0.930 | 8.9 | 6.006 | 2.2 | 6.206 | -1.247 | -11.4 | 6.330 |
| 248175.5 | 842942.4 | 135.4 | 46.146 | 17.709 | 21.0 | 49.427 | 16.9 | 39.333 | 5.850 | 0.836 | 8.1 | 5.909 | 1.9 | 6.115 | -1.130 | -10.5 | 6.219 |
| 248174.7 | 842943.0 | 135.4 | 46.693 | 18.188 | 21.3 | 50.110 | 15.2 | 39.876 | 5.619 | 0.738 | 7.5 | 5.667 | 1.8 | 6.118 | -1.039 | -9.6 | 6.206 |
| 248173.9 | 842943.6 | 135.5 | 46.647 | 18.621 | 21.8 | 50.227 | 13.6 | 39.969 | 5.252 | 0.637 | 6.9 | 5.291 | 1.9 | 5.831 | -0.918 | -8.9 | 5.903 |
| 248173.1 | 842944.2 | 135.6 | 47.163 | 19.291 | 22.2 | 50.956 | 12.0 | 40.550 | 4.812 | 0.537 | 6.4 | 4.841 | 2.3 | 6.155 | -0.861 | -8.0 | 6.215 |
| 248172.3 | 842944.8 | 135.6 | 45.879 | 19.570 | 23.1 | 49.879 | 10.9 | 39.692 | 4.268 | 0.423 | 5.7 | 4.289 | 2.7 | 5.149 | -0.655 | -7.2 | 5.190 |
| 248171.5 | 842945.4 | 135.4 | 44.144 | 19.744 | 24.1 | 48.358 | 10.1 | 38.482 | 3.691 | 0.298 | 4.6 | 3.703 | 3.3 | 3.914 | -0.439 | -6.4 | 3.939 |
| 248170.7 | 842946.1 | 135.4 | 43.267 | 20.207 | 25.0 | 47.753 | 9.2 | 38.001 | 3.131 | 0.204 | 3.7 | 3.137 | 4.9 | 3.375 | -0.272 | -4.6 | 3.386 |
| 248169.9 | 842946.7 | 135.4 | 42.362 | 20.695 | 26.0 | 47.146 | 8.4 | 37.518 | 2.582 | 0.201 | 4.4 | 2.589 | 7.7 | 2.814 | -0.089 | -1.8 | 2.815 |
| 248169.1 | 842947.3 | 135.4 | 41.442 | 21.198 | 27.1 | 46.549 | 7.9 | 37.043 | 2.054 | 0.317 | 8.8 | 2.078 | 12.5 | 2.231 | 0.105 | 2.7 | 2.233 |
| 248168.4 | 842947.9 | 135.4 | 40.688 | 21.785 | 28.2 | 46.153 | 7.5 | 36.727 | 1.557 | 0.497 | 17.7 | 1.635 | 21.4 | 1.713 | 0.316 | 10.5 | 1.742 |
| 248167.6 | 842948.5 | 135.4 | 40.053 | 22.439 | 29.3 | 45.910 | 7.2 | 36.534 | 1.097 | 0.712 | 33.0 | 1.308 | 37.0 | 1.220 | 0.545 | 24.1 | 1.336 |
| 248166.8 | 842949.1 | 135.4 | 39.548 | 23.168 | 30.4 | 45.834 | 7.1 | 36.474 | 0.693 | 0.958 | 54.1 | 1.182 | 49.7 | 0.750 | 0.793 | 46.6 | 1.092 |
| 248166.0 | 842949.7 | 135.4 | 39.174 | 23.977 | 31.5 | 45.929 | 7.1 | 36.549 | 0.447 | 1.235 | 70.1 | 1.314 | 36.0 | 0.300 | 1.062 | 74.2 | 1.104 |
| 248165.2 | 842950.3 | 135.4 | 38.923 | 24.866 | 32.6 | 46.188 | 7.3 | 36.755 | 0.568 | 1.545 | 69.8 | 1.646 | 20.6 | -0.135 | 1.355 | -84.3 | 1.362 |
| 248164.4 | 842950.9 | 135.6 | 39.448 | 26.309 | 33.7 | 47.416 | 7.3 | 37.732 | 0.950 | 1.898 | 63.4 | 2.122 | 13.8 | -0.709 | 2.028 | -70.7 | 2.148 |
| 248163.6 | 842951.5 | 135.7 | 39.982 | 27.829 | 34.8 | 48.714 | 7.5 | 38.765 | 1.358 | 2.283 | 59.3 | 2.657 | 9.2 | -1.396 | 2.787 | -63.4 | 3.117 |
| 248162.8 | 842952.1 | 135.6 | 39.419 | 28.501 | 35.9 | 48.643 | 8.5 | 38.709 | 1.730 | 2.680 | 57.2 | 3.190 | 5.2 | -1.682 | 2.857 | -59.5 | 3.315 |
| 248162.0 | 842952.7 | 135.5 | 39.264 | 29.462 | 36.9 | 49.088 | 9.4 | 39.063 | 2.128 | 3.102 | 55.6 | 3.762 | 3.3 | -2.047 | 3.146 | -57.0 | 3.753 |
| 248161.2 | 842953.3 | 135.5 | 39.165 | 30.447 | 37.9 | 49.608 | 10.5 | 39.477 | 2.521 | 3.529 | 54.5 | 4.337 | 2.4 | -2.416 | 3.481 | -55.2 | 4.237 |
| 248160.4 | 842954.0 | 135.4 | 38.617 | 30.966 | 38.7 | 49.499 | 11.8 | 39.390 | 2.885 | 3.928 | 53.7 | 4.874 | 1.7 | -2.505 | 3.454 | -54.1 | 4.266 |
| 248159.6 | 842954.6 | 135.4 | 38.354 | 31.708 | 39.6 | 49.764 | 13.2 | 39.601 | 3.221 | 4.286 | 53.1 | 5.361 | 1.6 | -2.821 | 3.756 | -53.1 | 4.697 |
| 248158.8 | 842955.2 | 135.4 | 37.882 | 32.190 | 40.4 | 49.712 | 14.7 | 39.559 | 3.501 | 4.561 | 52.5 | 5.750 | 1.6 | -3.088 | 3.987 | -52.2 | 5.043 |
| 248158.0 | 842955.8 | 135.4 | 37.156 | 32.341 | 41.0 | 49.259 | 16.3 | 39.199 | 3.710 | 4.723 | 51.8 | 6.006 | 1.8 | -3.291 | 4.123 | -51.4 | 5.276 |
| 248157.2 | 842956.4 | 135.6 | 37.298 | 33.420 | 41.9 | 50.081 | 17.8 | 39.853 | 3.860 | 4.791 | 51.1 | 6.153 | 2.4 | -4.407 | 5.364 | -50.6 | 6.942 |
| 248156.4 | 842957.0 | 135.9 | 37.289 | 34.340 | 42.6 | 50.692 | 19.5 | 40.339 | 3.931 | 4.736 | 50.3 | 6.155 | 3.5 | -5.617 | 6.609 | -49.6 | 8.673 |
| 248155.6 | 842957.6 | 135.8 | 34.984 | 32.429 | 42.8 | 47.702 | 21.6 | 37.960 | 3.859 | 4.448 | 49.1 | 5.889 | 3.7 | -4.985 | 5.586 | -48.3 | 7.487 |
| 248154.9 | 842958.2 | 135.7 | 32.759 | 30.467 | 42.9 | 44.737 | 23.7 | 35.601 | 3.723 | 4.065 | 47.5 | 5.512 | 3.9 | -4.434 | 4.688 | -46.6 | 6.453 |
| 248154.1 | 842958.8 | 135.6 | 30.695 | 28.571 | 42.9 | 41.934 | 25.7 | 33.370 | 3.536 | 3.621 | 45.7 | 5.061 | 4.3 | -4.040 | 3.990 | -44.6 | 5.678 |
| 248153.3 | 842959.4 | 135.5 | 28.553 | 26.455 | 42.8 | 38.925 | 27.6 | 30.975 | 3.311 | 3.139 | 43.5 | 4.562 | 4.6 | -3.518 | 3.205 | -42.3 | 4.759 |
| 248152.5 | 842960.0 | 135.4 | 26.402 | 24.223 | 42.5 | 35.830 | 29.5 | 28.513 | 3.064 | 2.653 | 40.9 | 4.053 | 4.5 | -2.886 | 2.390 | -39.6 | 3.747 |
| 248151.7 | 842960.6 | 135.4 | 24.680 | 22.447 | 42.3 | 33.361 | 31.3 | 26.548 | 2.813 | 2.196 | 38.0 | 3.569 | 5.1 | -2.683 | 2.003 | -36.7 | 3.348 |
| 248150.9 | 842961.2 | 135.4 | 23.075 | 20.752 | 42.0 | 31.034 | 33.0 | 24.696 | 2.563 | 1.775 | 34.7 | 3.118 | 5.7 | -2.527 | 1.677 | -33.6 | 3.033 |
| 248150.1 | 842961.9 | 135.4 | 21.542 | 19.094 | 41.6 | 28.786 | 34.6 | 22.907 | 2.321 | 1.399 | 31.1 | 2.710 | 6.3 | -2.341 | 1.358 | -30.1 | 2.707 |
| 248149.3 | 842962.5 | 135.7 | 20.515 | 18.015 | 41.3 | 27.302 | 36.4 | 21.726 | 2.094 | 1.085 | 27.4 | 2.358 | 9.0 | -2.761 | 1.375 | -26.5 | 3.084 |
| 248148.5 | 842963.1 | 136.1 | 19.547 | 16.971 | 41.0 | 25.886 | 38.2 | 20.599 | 1.882 | 0.825 | 23.7 | 2.055 | 12.3 | -3.146 | 1.296 | -22.4 | 3.403 |
| 248147.7 | 842963.7 | 136.4 | 18.582 | 15.900 | 40.6 | 24.456 | 39.8 | 19.461 | 1.686 | 0.618 | 20.1 | 1.796 | 15.7 | -3.408 | 1.106 | -18.0 | 3.583 |
| 248146.9 | 842964.3 | 136.7 | 17.635 | 14.832 | 40.1 | 23.043 | 41.4 | 18.337 | 1.506 | 0.464 | 17.1 | 1.576 | 19.1 | -3.568 | 0.845 | -13.3 | 3.667 |
| 248146.1 | 842964.9 | 137.1 | 16.715 | 13.787 | 39.5 | 21.668 | 42.8 | 17.242 | 1.342 | 0.364 | 15.2 | 1.391 | 22.5 | -3.642 | 0.544 | -8.5 | 3.683 |
| 248145.3 | 842965.5 | 137.4 | 15.828 | 12.779 | 38.9 | 20.342 | 44.0 | 16.188 | 1.194 | 0.315 | 14.8 | 1.235 | 25.6 | -3.646 | 0.228 | -3.6 | 3.653 |
| 248144.5 | 842966.1 | 137.7 | 14.976 | 11.817 | 38.3 | 19.077 | 45.1 | 15.181 | 1.060 | 0.304 | 16.0 | 1.103 | 28.6 | -3.592 | -0.087 | 1.4 | 3.593 |
| 248143.7 | 842966.7 | 138.1 | 14.162 | 10.908 | 37.6 | 17.876 | 46.0 | 14.225 | 0.939 | 0.313 | 18.4 | 0.990 | 31.1 | -3.493 | -0.388 | 6.3 | 3.515 |
| 248142.9 | 842967.3 | 138.4 | 13.386 | 10.057 | 36.9 | 16.743 | 46.7 | 13.324 | 0.832 | 0.328 | 21.6 | 0.894 | 33.4 | -3.359 | -0.665 | 11.2 | 3.424 |

Wire low point cross section results between structures [redacted]-8A and [redacted]-9R



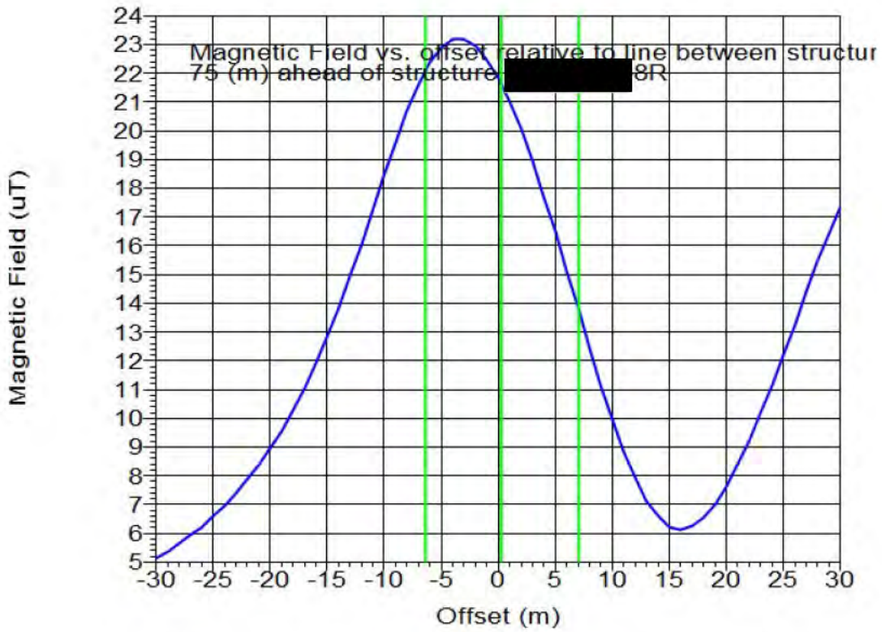



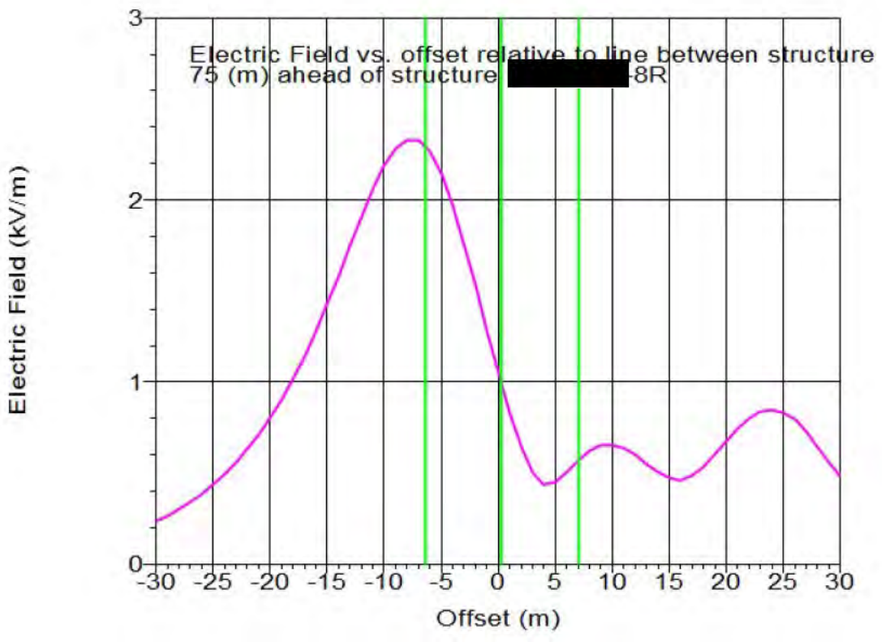

3D EMF Point Results Span from [redacted]-8A to [redacted]-9R:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 247988.8 | 842593.8 | 126.8 | 7.686 | 5.314 | 34.7 | 9.345 | 37.6 | 7.436 | 0.540 | 0.478 | 41.5 | 0.721 | 14.2 | 1.981 | -0.919 | -24.9 | 2.184 |
| 247987.8 | 842594.1 | 126.7 | 8.117 | 5.512 | 34.2 | 9.812 | 37.2 | 7.808 | 0.609 | 0.497 | 39.2 | 0.786 | 13.2 | 2.087 | -0.876 | -22.8 | 2.263 |
| 247986.9 | 842594.4 | 126.6 | 8.566 | 5.714 | 33.7 | 10.296 | 36.7 | 8.194 | 0.684 | 0.515 | 37.0 | 0.856 | 12.3 | 2.186 | -0.824 | -20.6 | 2.336 |
| 247985.9 | 842594.7 | 126.5 | 9.032 | 5.918 | 33.2 | 10.798 | 36.2 | 8.592 | 0.765 | 0.532 | 34.8 | 0.931 | 11.4 | 2.277 | -0.761 | -18.5 | 2.401 |
| 247985.0 | 842595.0 | 126.4 | 9.513 | 6.123 | 32.8 | 11.314 | 35.6 | 9.003 | 0.851 | 0.546 | 32.7 | 1.011 | 10.5 | 2.357 | -0.688 | -16.3 | 2.455 |
| 247984.0 | 842595.3 | 126.2 | 10.009 | 6.330 | 32.3 | 11.842 | 34.9 | 9.424 | 0.943 | 0.558 | 30.6 | 1.096 | 9.7 | 2.421 | -0.604 | -14.0 | 2.495 |
| 247983.1 | 842595.6 | 126.1 | 10.515 | 6.537 | 31.9 | 12.381 | 34.2 | 9.852 | 1.040 | 0.566 | 28.6 | 1.184 | 8.9 | 2.467 | -0.509 | -11.7 | 2.519 |
| 247982.1 | 842595.9 | 126.0 | 11.026 | 6.741 | 31.4 | 12.923 | 33.4 | 10.284 | 1.140 | 0.572 | 26.6 | 1.275 | 8.2 | 2.486 | -0.402 | -9.2 | 2.518 |
| 247981.1 | 842596.1 | 125.9 | 11.529 | 6.939 | 31.0 | 13.456 | 32.6 | 10.708 | 1.242 | 0.573 | 24.8 | 1.368 | 7.4 | 2.461 | -0.277 | -6.4 | 2.476 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247980.2 | 842596.4 | 125.8 | 12.041 | 7.139 | 30.7 | 13.998 | 31.8 | 11.139 | 1.345 | 0.569 | 22.9 | 1.460 | 6.8 | 2.421 | -0.151 | -3.6 | 2.426 |
| 247979.2 | 842596.7 | 125.6 | 12.556 | 7.340 | 30.3 | 14.544 | 30.9 | 11.574 | 1.446 | 0.562 | 21.2 | 1.552 | 6.3 | 2.363 | -0.023 | -0.6 | 2.363 |
| 247978.3 | 842597.0 | 125.5 | 13.061 | 7.538 | 30.0 | 15.080 | 30.1 | 12.000 | 1.544 | 0.549 | 19.6 | 1.639 | 5.8 | 2.271 | 0.113 | 2.8 | 2.274 |
| 247977.3 | 842597.3 | 125.4 | 13.547 | 7.730 | 29.7 | 15.598 | 29.2 | 12.412 | 1.635 | 0.531 | 18.0 | 1.719 | 5.5 | 2.141 | 0.255 | 6.8 | 2.156 |
| 247976.4 | 842597.6 | 125.3 | 14.003 | 7.913 | 29.5 | 16.084 | 28.3 | 12.799 | 1.716 | 0.507 | 16.5 | 1.790 | 5.2 | 1.963 | 0.405 | 11.7 | 2.004 |
| 247975.4 | 842597.9 | 125.2 | 14.429 | 8.090 | 29.3 | 16.542 | 27.4 | 13.163 | 1.785 | 0.478 | 15.0 | 1.848 | 5.0 | 1.747 | 0.558 | 17.7 | 1.835 |
| 247974.4 | 842598.2 | 125.1 | 14.819 | 8.259 | 29.1 | 16.965 | 26.5 | 13.501 | 1.838 | 0.443 | 13.6 | 1.891 | 4.9 | 1.498 | 0.713 | 25.5 | 1.659 |
| 247973.5 | 842598.4 | 125.0 | 15.171 | 8.421 | 29.0 | 17.351 | 25.7 | 13.808 | 1.873 | 0.403 | 12.2 | 1.916 | 5.0 | 1.218 | 0.868 | 35.5 | 1.496 |
| 247972.5 | 842598.7 | 124.8 | 15.479 | 8.574 | 29.0 | 17.695 | 24.9 | 14.081 | 1.887 | 0.359 | 10.8 | 1.921 | 5.2 | 0.915 | 1.021 | 48.1 | 1.371 |
| 247971.6 | 842599.0 | 124.7 | 15.741 | 8.719 | 29.0 | 17.995 | 24.1 | 14.320 | 1.879 | 0.311 | 9.4 | 1.904 | 5.5 | 0.593 | 1.170 | 63.1 | 1.312 |
| 247970.6 | 842599.3 | 124.6 | 15.956 | 8.855 | 29.0 | 18.249 | 23.4 | 14.522 | 1.848 | 0.260 | 8.0 | 1.866 | 6.0 | 0.263 | 1.315 | 78.7 | 1.341 |
| 247969.6 | 842599.6 | 124.5 | 16.124 | 8.982 | 29.1 | 18.457 | 22.7 | 14.687 | 1.794 | 0.210 | 6.7 | 1.806 | 6.6 | -0.070 | 1.454 | -87.2 | 1.456 |
| 247968.7 | 842599.9 | 124.4 | 16.244 | 9.099 | 29.3 | 18.619 | 22.1 | 14.817 | 1.717 | 0.167 | 5.6 | 1.725 | 7.6 | -0.397 | 1.586 | -76.0 | 1.635 |
| 247967.7 | 842600.2 | 124.3 | 16.319 | 9.206 | 29.4 | 18.737 | 21.6 | 14.910 | 1.619 | 0.146 | 5.2 | 1.626 | 8.8 | -0.709 | 1.709 | -67.5 | 1.850 |
| 247966.8 | 842600.5 | 124.1 | 16.350 | 9.303 | 29.6 | 18.812 | 21.1 | 14.970 | 1.502 | 0.162 | 6.2 | 1.511 | 10.4 | -1.002 | 1.822 | -61.2 | 2.079 |
| 247965.8 | 842600.7 | 124.0 | 16.341 | 9.390 | 29.9 | 18.846 | 20.8 | 14.997 | 1.369 | 0.211 | 8.8 | 1.385 | 12.6 | -1.268 | 1.924 | -56.6 | 2.305 |
| 247964.9 | 842601.0 | 123.9 | 16.293 | 9.464 | 30.2 | 18.842 | 20.4 | 14.994 | 1.223 | 0.278 | 12.8 | 1.254 | 15.4 | -1.504 | 2.014 | -53.2 | 2.514 |
| 247963.9 | 842601.3 | 123.8 | 16.209 | 9.526 | 30.4 | 18.801 | 20.2 | 14.962 | 1.067 | 0.356 | 18.4 | 1.125 | 19.2 | -1.707 | 2.090 | -50.8 | 2.699 |
| 247962.9 | 842601.6 | 123.7 | 16.093 | 9.575 | 30.8 | 18.726 | 20.1 | 14.902 | 0.905 | 0.438 | 25.8 | 1.006 | 24.0 | -1.875 | 2.151 | -48.9 | 2.854 |
| 247962.0 | 842601.9 | 123.6 | 15.947 | 9.610 | 31.1 | 18.618 | 20.0 | 14.816 | 0.740 | 0.524 | 35.3 | 0.907 | 29.5 | -2.006 | 2.196 | -47.6 | 2.974 |
| 247961.0 | 842602.2 | 123.4 | 15.772 | 9.629 | 31.4 | 18.479 | 20.0 | 14.705 | 0.578 | 0.611 | 46.6 | 0.841 | 34.2 | -2.101 | 2.223 | -46.6 | 3.059 |
| 247960.1 | 842602.5 | 123.1 | 15.245 | 9.434 | 31.8 | 17.928 | 20.2 | 14.266 | 0.430 | 0.694 | 58.2 | 0.816 | 36.1 | -2.262 | 2.061 | -42.3 | 3.060 |
| 247959.1 | 842602.8 | 122.6 | 14.595 | 9.148 | 32.1 | 17.225 | 20.6 | 13.707 | 0.326 | 0.775 | 67.2 | 0.840 | 36.8 | -2.325 | 1.762 | -37.2 | 2.918 |
| 247958.2 | 842603.0 | 122.3 | 14.164 | 8.981 | 32.4 | 16.771 | 20.9 | 13.346 | 0.286 | 0.855 | 71.5 | 0.901 | 33.3 | -2.228 | 1.537 | -34.6 | 2.707 |
| 247957.2 | 842603.3 | 122.0 | 13.724 | 8.797 | 32.7 | 16.301 | 21.2 | 12.972 | 0.333 | 0.930 | 70.3 | 0.988 | 28.7 | -2.048 | 1.268 | -31.8 | 2.408 |
| 247956.2 | 842603.6 | 121.8 | 13.278 | 8.596 | 32.9 | 15.817 | 21.6 | 12.587 | 0.429 | 1.000 | 66.8 | 1.088 | 24.4 | -1.793 | 0.958 | -28.1 | 2.033 |
| 247955.3 | 842603.9 | 121.5 | 12.827 | 8.379 | 33.2 | 15.321 | 22.1 | 12.192 | 0.541 | 1.062 | 63.0 | 1.192 | 20.8 | -1.472 | 0.612 | -22.6 | 1.594 |
| 247954.3 | 842604.2 | 121.2 | 12.374 | 8.148 | 33.4 | 14.816 | 22.6 | 11.790 | 0.653 | 1.116 | 59.7 | 1.293 | 17.8 | -1.092 | 0.238 | -12.3 | 1.118 |
| 247953.4 | 842604.5 | 121.0 | 12.018 | 7.975 | 33.6 | 14.423 | 23.0 | 11.478 | 0.753 | 1.161 | 57.0 | 1.384 | 15.1 | -0.732 | -0.037 | 2.9 | 0.733 |
| 247952.4 | 842604.8 | 121.0 | 11.822 | 7.909 | 33.8 | 14.224 | 23.5 | 11.319 | 0.837 | 1.196 | 55.0 | 1.460 | 12.3 | -0.492 | -0.096 | 11.0 | 0.501 |
| 247951.4 | 842605.1 | 121.0 | 11.636 | 7.847 | 34.0 | 14.035 | 23.9 | 11.168 | 0.913 | 1.221 | 53.2 | 1.525 | 10.0 | -0.303 | -0.106 | 19.3 | 0.321 |
| 247950.5 | 842605.3 | 121.1 | 11.447 | 7.777 | 34.2 | 13.838 | 24.5 | 11.012 | 0.979 | 1.235 | 51.6 | 1.576 | 8.2 | -0.159 | -0.085 | 28.1 | 0.180 |
| 247949.5 | 842605.6 | 121.2 | 11.243 | 7.691 | 34.4 | 13.621 | 25.0 | 10.840 | 1.035 | 1.237 | 50.1 | 1.613 | 6.8 | -0.048 | -0.049 | 45.5 | 0.068 |
| 247948.6 | 842605.9 | 121.2 | 10.977 | 7.551 | 34.5 | 13.324 | 25.6 | 10.603 | 1.081 | 1.228 | 48.6 | 1.636 | 5.8 | 0.092 | -0.073 | -38.3 | 0.118 |
| 247947.6 | 842606.2 | 121.2 | 10.733 | 7.422 | 34.7 | 13.049 | 26.2 | 10.384 | 1.116 | 1.208 | 47.3 | 1.645 | 4.8 | 0.168 | -0.038 | -12.9 | 0.172 |
| 247946.7 | 842606.5 | 121.2 | 10.462 | 7.263 | 34.8 | 12.736 | 26.8 | 10.135 | 1.140 | 1.179 | 46.0 | 1.640 | 4.1 | 0.244 | -0.024 | -5.6 | 0.245 |
| 247945.7 | 842606.8 | 121.3 | 10.186 | 7.095 | 34.9 | 12.413 | 27.4 | 9.878 | 1.153 | 1.140 | 44.7 | 1.621 | 3.4 | 0.295 | 0.002 | 0.5 | 0.295 |
| 247944.7 | 842607.1 | 121.3 | 9.908 | 6.919 | 34.9 | 12.085 | 28.1 | 9.617 | 1.157 | 1.093 | 43.4 | 1.592 | 2.8 | 0.320 | 0.040 | 7.1 | 0.323 |
| 247943.8 | 842607.4 | 121.4 | 9.607 | 6.718 | 35.0 | 11.723 | 28.7 | 9.329 | 1.151 | 1.040 | 42.1 | 1.551 | 2.3 | 0.359 | 0.052 | 8.2 | 0.363 |
| 247942.8 | 842607.6 | 121.4 | 9.303 | 6.508 | 35.0 | 11.353 | 29.3 | 9.035 | 1.138 | 0.981 | 40.8 | 1.502 | 1.9 | 0.387 | 0.063 | 9.3 | 0.392 |
| 247941.9 | 842607.9 | 121.4 | 9.008 | 6.301 | 35.0 | 10.993 | 29.9 | 8.748 | 1.117 | 0.919 | 39.4 | 1.447 | 1.5 | 0.383 | 0.093 | 13.7 | 0.394 |
| 247940.9 | 842608.2 | 121.5 | 8.724 | 6.097 | 34.9 | 10.644 | 30.5 | 8.470 | 1.091 | 0.854 | 38.1 | 1.385 | 1.2 | 0.349 | 0.138 | 21.6 | 0.376 |
| 247940.0 | 842608.5 | 121.6 | 8.434 | 5.884 | 34.9 | 10.284 | 31.1 | 8.183 | 1.059 | 0.788 | 36.7 | 1.320 | 0.9 | 0.322 | 0.168 | 27.5 | 0.363 |
| 247939.0 | 842608.8 | 121.6 | 8.117 | 5.643 | 34.8 | 9.885 | 31.7 | 7.867 | 1.023 | 0.722 | 35.2 | 1.252 | 0.9 | 0.350 | 0.149 | 23.0 | 0.380 |
| 247938.0 | 842609.1 | 121.6 | 7.827 | 5.422 | 34.7 | 9.522 | 32.2 | 7.577 | 0.984 | 0.657 | 33.7 | 1.183 | 0.9 | 0.325 | 0.164 | 26.7 | 0.364 |
| 247937.1 | 842609.4 | 121.7 | 7.548 | 5.207 | 34.6 | 9.169 | 32.7 | 7.297 | 0.943 | 0.594 | 32.2 | 1.114 | 1.2 | 0.286 | 0.182 | 32.5 | 0.339 |
| 247936.1 | 842609.7 | 121.7 | 7.260 | 4.982 | 34.5 | 8.805 | 33.2 | 7.007 | 0.899 | 0.533 | 30.7 | 1.046 | 1.4 | 0.275 | 0.178 | 32.9 | 0.327 |
| 247935.2 | 842609.9 | 121.8 | 6.973 | 4.756 | 34.3 | 8.441 | 33.6 | 6.717 | 0.855 | 0.475 | 29.1 | 0.978 | 1.6 | 0.277 | 0.163 | 30.5 | 0.321 |
| 247934.2 | 842610.2 | 121.8 | 6.714 | 4.552 | 34.1 | 8.111 | 34.0 | 6.455 | 0.811 | 0.421 | 27.4 | 0.914 | 1.9 | 0.233 | 0.172 | 36.4 | 0.289 |
| 247933.3 | 842610.5 | 121.9 | 6.454 | 4.346 | 34.0 | 7.781 | 34.3 | 6.192 | 0.766 | 0.370 | 25.8 | 0.851 | 2.1 | 0.207 | 0.167 | 39.0 | 0.266 |
| 247932.3 | 842610.8 | 121.9 | 6.198 | 4.142 | 33.8 | 7.455 | 34.6 | 5.932 | 0.723 | 0.323 | 24.1 | 0.792 | 2.4 | 0.191 | 0.156 | 39.2 | 0.247 |
| 247931.3 | 842611.1 | 122.0 | 5.943 | 3.939 | 33.5 | 7.130 | 34.9 | 5.674 | 0.680 | 0.280 | 22.4 | 0.735 | 2.5 | 0.194 | 0.137 | 35.2 | 0.237 |

Wire low point cross section results between structures [redacted]/[redacted]-8R and Gantry 1



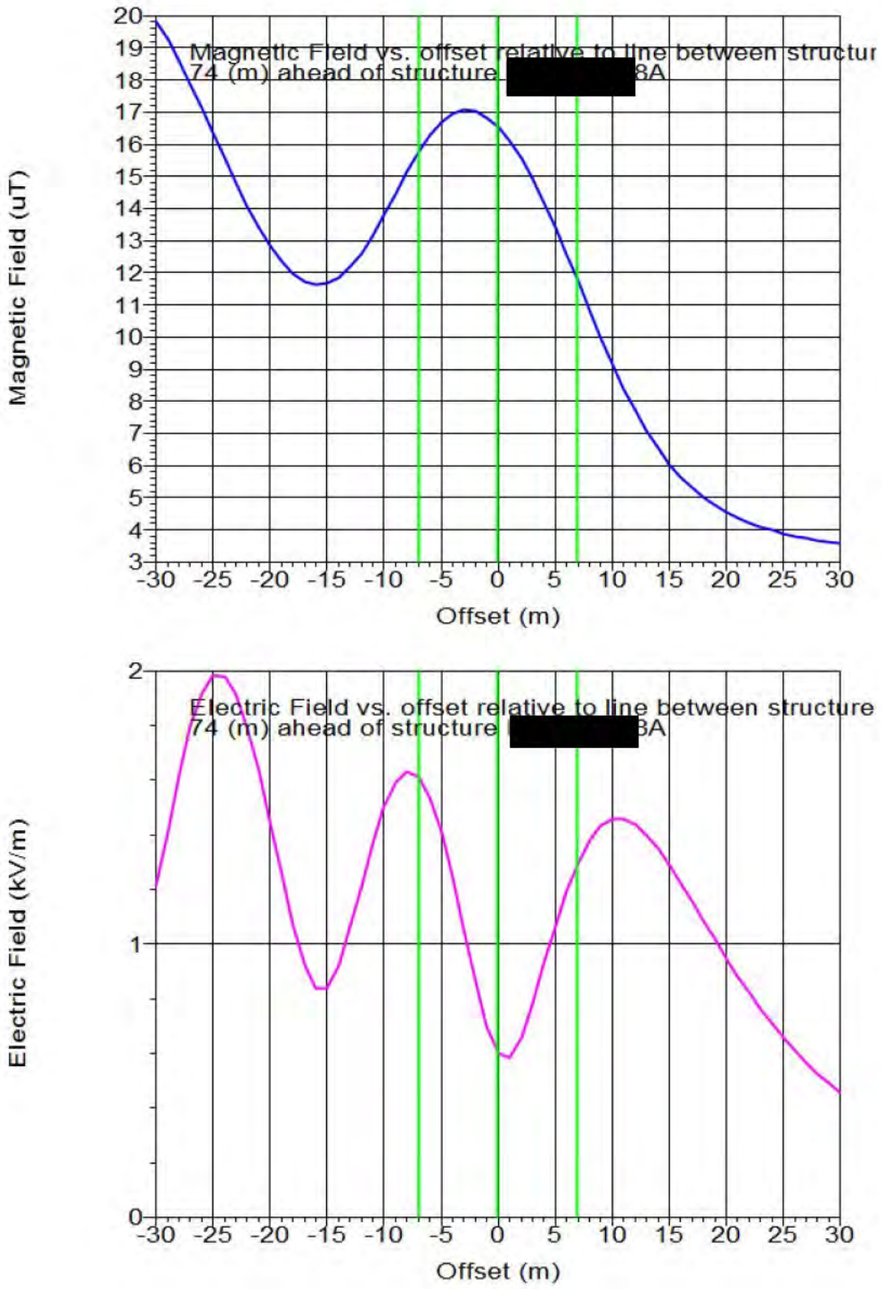




3D EMF Point Results Span from [redacted]-8R to Gantry 1:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248208.3 | 842885.1 | 128.0 | 4.611 | 2.266 | 26.2 | 5.138 | 8.7 | 4.089 | 0.234 | 0.045 | 10.9 | 0.239 | 3.2 | 0.547 | -0.063 | -6.6 | 0.551 |
| 248207.7 | 842884.2 | 128.0 | 4.841 | 2.340 | 25.8 | 5.377 | 8.6 | 4.279 | 0.265 | 0.051 | 10.9 | 0.270 | 2.7 | 0.571 | -0.071 | -7.1 | 0.575 |
| 248207.2 | 842883.4 | 128.0 | 5.093 | 2.420 | 25.4 | 5.639 | 8.4 | 4.487 | 0.300 | 0.058 | 10.9 | 0.305 | 2.3 | 0.599 | -0.079 | -7.5 | 0.604 |
| 248206.7 | 842882.5 | 128.0 | 5.370 | 2.506 | 25.0 | 5.926 | 8.4 | 4.716 | 0.338 | 0.065 | 10.9 | 0.344 | 2.0 | 0.631 | -0.088 | -8.0 | 0.637 |
| 248206.1 | 842881.7 | 128.0 | 5.674 | 2.600 | 24.6 | 6.242 | 8.3 | 4.967 | 0.382 | 0.073 | 10.9 | 0.389 | 1.7 | 0.667 | -0.098 | -8.4 | 0.675 |
| 248205.6 | 842880.8 | 128.0 | 6.009 | 2.702 | 24.2 | 6.589 | 8.3 | 5.243 | 0.431 | 0.083 | 10.9 | 0.439 | 1.4 | 0.710 | -0.109 | -8.7 | 0.718 |
| 248205.0 | 842880.0 | 128.0 | 6.379 | 2.813 | 23.8 | 6.971 | 8.3 | 5.548 | 0.486 | 0.093 | 10.9 | 0.495 | 1.2 | 0.759 | -0.121 | -9.1 | 0.768 |
| 248204.5 | 842879.2 | 128.0 | 6.787 | 2.934 | 23.4 | 7.394 | 8.3 | 5.884 | 0.549 | 0.105 | 10.9 | 0.559 | 1.1 | 0.815 | -0.134 | -9.4 | 0.826 |
| 248204.0 | 842878.3 | 128.0 | 7.239 | 3.065 | 22.9 | 7.861 | 8.4 | 6.255 | 0.619 | 0.119 | 10.8 | 0.631 | 1.0 | 0.879 | -0.149 | -9.6 | 0.891 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248203.4 | 842877.5 | 128.0 | 7.739 | 3.208 | 22.5 | 8.377 | 8.6 | 6.667 | 0.699 | 0.134 | 10.8 | 0.712 | 0.9 | 0.952 | -0.165 | -9.9 | 0.966 |
| 248202.9 | 842876.6 | 128.0 | 8.293 | 3.365 | 22.1 | 8.949 | 8.8 | 7.122 | 0.788 | 0.151 | 10.8 | 0.803 | 0.8 | 1.035 | -0.184 | -10.1 | 1.051 |
| 248202.4 | 842875.8 | 128.0 | 8.906 | 3.535 | 21.7 | 9.582 | 9.0 | 7.625 | 0.889 | 0.170 | 10.8 | 0.905 | 0.7 | 1.128 | -0.204 | -10.2 | 1.146 |
| 248201.8 | 842874.9 | 128.0 | 9.585 | 3.722 | 21.2 | 10.283 | 9.3 | 8.183 | 1.000 | 0.192 | 10.8 | 1.019 | 0.7 | 1.233 | -0.226 | -10.4 | 1.253 |
| 248201.3 | 842874.1 | 128.0 | 10.334 | 3.926 | 20.8 | 11.055 | 9.6 | 8.797 | 1.124 | 0.216 | 10.9 | 1.144 | 0.7 | 1.349 | -0.252 | -10.6 | 1.372 |
| 248200.8 | 842873.2 | 128.0 | 11.158 | 4.150 | 20.4 | 11.905 | 10.0 | 9.474 | 1.259 | 0.244 | 11.0 | 1.282 | 0.8 | 1.477 | -0.280 | -10.7 | 1.503 |
| 248200.2 | 842872.4 | 128.0 | 12.059 | 4.395 | 20.0 | 12.835 | 10.5 | 10.213 | 1.404 | 0.275 | 11.1 | 1.431 | 0.8 | 1.614 | -0.312 | -10.9 | 1.644 |
| 248199.7 | 842871.6 | 128.0 | 13.035 | 4.663 | 19.7 | 13.843 | 11.0 | 11.016 | 1.557 | 0.310 | 11.3 | 1.587 | 0.9 | 1.759 | -0.347 | -11.2 | 1.793 |
| 248199.1 | 842870.7 | 128.0 | 14.079 | 4.956 | 19.4 | 14.926 | 11.6 | 11.878 | 1.713 | 0.350 | 11.5 | 1.749 | 1.0 | 1.908 | -0.387 | -11.5 | 1.946 |
| 248198.6 | 842869.9 | 128.0 | 15.179 | 5.276 | 19.2 | 16.070 | 12.3 | 12.788 | 1.867 | 0.394 | 11.9 | 1.908 | 1.2 | 2.053 | -0.431 | -11.9 | 2.097 |
| 248198.1 | 842869.0 | 128.0 | 16.311 | 5.625 | 19.0 | 17.254 | 13.1 | 13.730 | 2.009 | 0.444 | 12.5 | 2.057 | 1.4 | 2.186 | -0.480 | -12.4 | 2.238 |
| 248197.5 | 842868.2 | 128.0 | 17.442 | 6.004 | 19.0 | 18.447 | 13.9 | 14.679 | 2.127 | 0.499 | 13.2 | 2.185 | 1.7 | 2.297 | -0.534 | -13.1 | 2.359 |
| 248197.0 | 842867.3 | 128.0 | 18.527 | 6.414 | 19.1 | 19.606 | 14.8 | 15.602 | 2.211 | 0.559 | 14.2 | 2.280 | 2.1 | 2.374 | -0.593 | -14.0 | 2.447 |
| 248196.5 | 842866.5 | 128.0 | 19.513 | 6.854 | 19.4 | 20.682 | 15.8 | 16.458 | 2.246 | 0.623 | 15.5 | 2.331 | 2.7 | 2.405 | -0.656 | -15.3 | 2.492 |
| 248195.9 | 842865.7 | 128.0 | 20.343 | 7.323 | 19.8 | 21.621 | 16.9 | 17.205 | 2.224 | 0.688 | 17.2 | 2.328 | 3.3 | 2.379 | -0.720 | -16.8 | 2.485 |
| 248195.4 | 842864.8 | 128.0 | 20.963 | 7.816 | 20.4 | 22.373 | 18.1 | 17.804 | 2.137 | 0.753 | 19.4 | 2.265 | 4.2 | 2.291 | -0.783 | -18.9 | 2.421 |
| 248194.9 | 842864.0 | 128.0 | 21.330 | 8.324 | 21.3 | 22.897 | 19.4 | 18.221 | 1.985 | 0.811 | 22.2 | 2.145 | 5.3 | 2.141 | -0.840 | -21.4 | 2.300 |
| 248194.3 | 842863.1 | 128.0 | 21.418 | 8.837 | 22.4 | 23.169 | 20.7 | 18.438 | 1.777 | 0.859 | 25.8 | 1.973 | 6.6 | 1.936 | -0.886 | -24.6 | 2.129 |
| 248193.8 | 842862.3 | 128.0 | 21.221 | 9.337 | 23.7 | 23.184 | 21.9 | 18.449 | 1.523 | 0.888 | 30.2 | 1.763 | 8.2 | 1.685 | -0.915 | -28.5 | 1.918 |
| 248193.2 | 842861.4 | 128.0 | 20.752 | 9.803 | 25.3 | 22.951 | 23.1 | 18.264 | 1.240 | 0.893 | 35.7 | 1.528 | 10.3 | 1.406 | -0.921 | -33.2 | 1.681 |
| 248192.7 | 842860.6 | 128.0 | 20.040 | 10.210 | 27.0 | 22.491 | 24.1 | 17.898 | 0.948 | 0.868 | 42.5 | 1.285 | 12.9 | 1.115 | -0.899 | -38.9 | 1.433 |
| 248192.2 | 842859.7 | 128.0 | 19.125 | 10.529 | 28.8 | 21.832 | 24.9 | 17.374 | 0.666 | 0.810 | 50.6 | 1.048 | 16.4 | 0.829 | -0.846 | -45.6 | 1.184 |
| 248191.6 | 842858.9 | 128.0 | 18.053 | 10.734 | 30.7 | 21.003 | 25.3 | 16.713 | 0.413 | 0.719 | 60.1 | 0.829 | 21.6 | 0.560 | -0.760 | -53.6 | 0.944 |
| 248191.1 | 842858.1 | 128.0 | 16.867 | 10.800 | 32.6 | 20.029 | 25.5 | 15.939 | 0.231 | 0.599 | 68.9 | 0.642 | 30.2 | 0.320 | -0.646 | -63.7 | 0.721 |
| 248190.6 | 842857.2 | 128.0 | 15.612 | 10.713 | 34.5 | 18.934 | 25.3 | 15.067 | 0.211 | 0.458 | 65.3 | 0.505 | 43.5 | 0.116 | -0.510 | -77.2 | 0.523 |
| 248190.0 | 842856.4 | 128.0 | 14.324 | 10.465 | 36.2 | 17.740 | 24.9 | 14.117 | 0.312 | 0.310 | 44.8 | 0.440 | 51.7 | -0.049 | -0.360 | 82.2 | 0.363 |
| 248189.5 | 842855.5 | 128.0 | 13.035 | 10.065 | 37.7 | 16.468 | 24.3 | 13.105 | 0.412 | 0.181 | 23.7 | 0.450 | 39.6 | -0.174 | -0.206 | 49.7 | 0.269 |
| 248188.9 | 842854.7 | 128.0 | 11.773 | 9.527 | 39.0 | 15.145 | 23.7 | 12.052 | 0.482 | 0.149 | 17.2 | 0.505 | 26.2 | -0.259 | -0.057 | 12.3 | 0.265 |
| 248188.4 | 842853.8 | 128.0 | 10.562 | 8.879 | 40.1 | 13.799 | 23.0 | 10.981 | 0.518 | 0.236 | 24.5 | 0.569 | 18.2 | -0.307 | 0.078 | -14.3 | 0.317 |
| 248187.9 | 842853.0 | 128.0 | 9.425 | 8.153 | 40.9 | 12.462 | 22.4 | 9.917 | 0.520 | 0.338 | 33.1 | 0.620 | 13.8 | -0.321 | 0.193 | -31.0 | 0.375 |
| 248187.3 | 842852.2 | 128.0 | 8.381 | 7.383 | 41.4 | 11.169 | 21.9 | 8.888 | 0.493 | 0.424 | 40.7 | 0.650 | 11.7 | -0.305 | 0.283 | -42.9 | 0.417 |
| 248186.8 | 842851.3 | 128.0 | 7.452 | 6.602 | 41.5 | 9.956 | 21.5 | 7.923 | 0.439 | 0.485 | 47.8 | 0.655 | 11.0 | -0.264 | 0.348 | -52.8 | 0.437 |
| 248186.3 | 842850.5 | 128.0 | 6.659 | 5.841 | 41.3 | 8.857 | 21.4 | 7.049 | 0.366 | 0.521 | 54.9 | 0.636 | 11.4 | -0.201 | 0.387 | -62.6 | 0.436 |
| 248185.7 | 842849.6 | 128.0 | 6.021 | 5.126 | 40.4 | 7.907 | 21.4 | 6.292 | 0.277 | 0.532 | 62.5 | 0.600 | 13.0 | -0.121 | 0.403 | -73.3 | 0.420 |
| 248185.2 | 842848.8 | 128.0 | 5.557 | 4.478 | 38.9 | 7.137 | 21.4 | 5.679 | 0.182 | 0.522 | 70.8 | 0.553 | 15.9 | -0.028 | 0.398 | -86.0 | 0.399 |
| 248184.7 | 842847.9 | 128.0 | 5.280 | 3.916 | 36.6 | 6.574 | 21.0 | 5.231 | 0.109 | 0.494 | 77.6 | 0.506 | 20.1 | 0.074 | 0.376 | 78.9 | 0.383 |
| 248184.1 | 842847.1 | 128.0 | 5.193 | 3.455 | 33.6 | 6.237 | 19.5 | 4.963 | 0.137 | 0.452 | 73.1 | 0.472 | 24.5 | 0.182 | 0.340 | 61.9 | 0.386 |
| 248183.6 | 842846.2 | 128.0 | 5.287 | 3.108 | 30.4 | 6.132 | 16.8 | 4.880 | 0.238 | 0.399 | 59.2 | 0.464 | 26.6 | 0.291 | 0.293 | 45.2 | 0.413 |
| 248183.0 | 842845.4 | 128.0 | 5.542 | 2.885 | 27.5 | 6.248 | 13.3 | 4.972 | 0.352 | 0.337 | 43.8 | 0.487 | 24.5 | 0.399 | 0.238 | 30.9 | 0.465 |
| 248182.5 | 842844.6 | 128.0 | 5.936 | 2.789 | 25.2 | 6.558 | 10.2 | 5.219 | 0.465 | 0.271 | 30.2 | 0.538 | 20.0 | 0.502 | 0.177 | 19.4 | 0.532 |
| 248182.0 | 842843.7 | 128.0 | 6.450 | 2.812 | 23.6 | 7.036 | 8.6 | 5.599 | 0.571 | 0.201 | 19.4 | 0.606 | 15.7 | 0.597 | 0.112 | 10.6 | 0.607 |
| 248181.4 | 842842.9 | 128.0 | 7.067 | 2.939 | 22.6 | 7.654 | 9.2 | 6.091 | 0.665 | 0.133 | 11.4 | 0.678 | 12.4 | 0.678 | 0.043 | 3.7 | 0.680 |
| 248180.9 | 842842.0 | 128.0 | 7.778 | 3.151 | 22.1 | 8.392 | 11.0 | 6.678 | 0.742 | 0.081 | 6.3 | 0.746 | 10.3 | 0.744 | -0.027 | -2.0 | 0.744 |
| 248180.4 | 842841.2 | 128.0 | 8.571 | 3.433 | 21.8 | 9.233 | 13.1 | 7.347 | 0.797 | 0.087 | 6.2 | 0.801 | 9.0 | 0.787 | -0.097 | -7.0 | 0.793 |
| 248179.8 | 842840.3 | 128.0 | 9.436 | 3.774 | 21.8 | 10.162 | 15.1 | 8.087 | 0.825 | 0.142 | 9.8 | 0.837 | 8.5 | 0.806 | -0.166 | -11.6 | 0.823 |
| 248179.3 | 842839.5 | 128.0 | 10.358 | 4.170 | 21.9 | 11.165 | 16.8 | 8.885 | 0.823 | 0.209 | 14.3 | 0.850 | 8.6 | 0.795 | -0.232 | -16.3 | 0.828 |
| 248178.8 | 842838.7 | 128.0 | 11.316 | 4.618 | 22.2 | 12.222 | 18.3 | 9.726 | 0.788 | 0.275 | 19.2 | 0.835 | 9.4 | 0.752 | -0.293 | -21.3 | 0.807 |
| 248178.2 | 842837.8 | 128.0 | 12.285 | 5.120 | 22.6 | 13.309 | 19.5 | 10.591 | 0.719 | 0.335 | 25.0 | 0.793 | 11.0 | 0.676 | -0.347 | -27.2 | 0.760 |
| 248177.7 | 842837.0 | 128.0 | 13.230 | 5.678 | 23.2 | 14.397 | 20.5 | 11.457 | 0.616 | 0.385 | 32.0 | 0.727 | 13.8 | 0.568 | -0.390 | -34.5 | 0.689 |
| 248177.1 | 842836.1 | 128.0 | 14.116 | 6.295 | 24.0 | 15.456 | 21.4 | 12.300 | 0.487 | 0.421 | 40.9 | 0.643 | 18.6 | 0.429 | -0.418 | -44.2 | 0.599 |
| 248176.6 | 842835.3 | 128.0 | 14.905 | 6.969 | 25.1 | 16.454 | 22.1 | 13.093 | 0.341 | 0.438 | 52.1 | 0.555 | 26.5 | 0.267 | -0.428 | -58.0 | 0.504 |
| 248176.1 | 842834.4 | 128.0 | 15.564 | 7.694 | 26.3 | 17.362 | 22.6 | 13.816 | 0.214 | 0.432 | 63.7 | 0.482 | 38.3 | 0.087 | -0.414 | -78.2 | 0.423 |

Wire low point cross section results between structures [redacted]/[redacted]-8A and Gantry 4

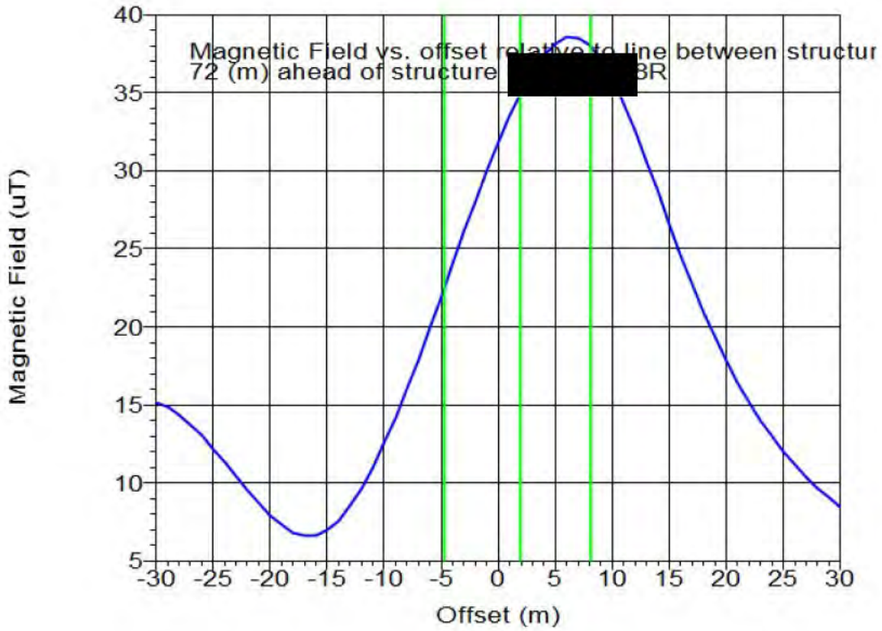


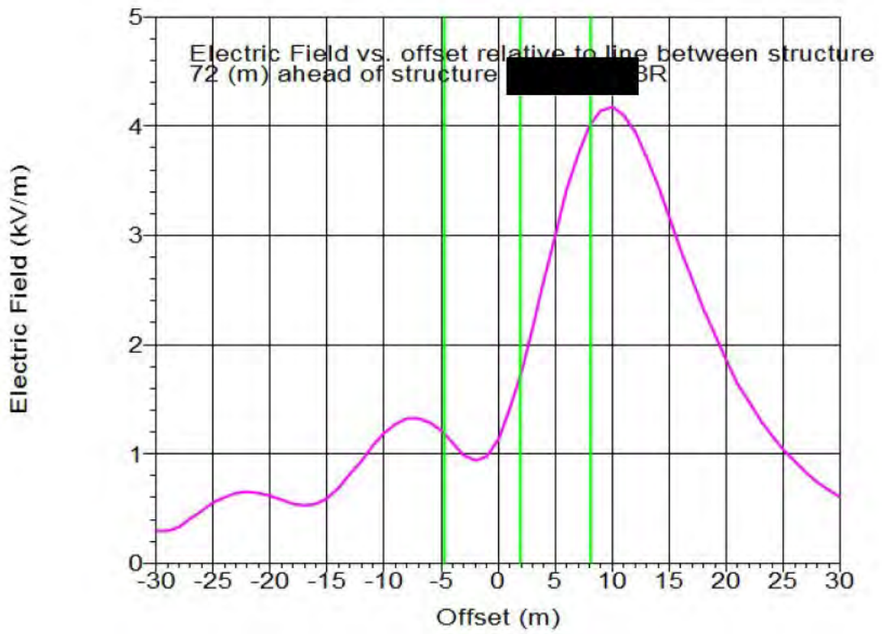

3D EMF Point Results Span from [redacted]-8A to Gantry 4:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248075.8 | 842709.8 | 128.0 | 14.395 | 13.639 | 43.5 | 19.830 | 38.0 | 15.781 | 1.171 | 0.321 | 15.3 | 1.214 | 26.1 | -1.094 | 0.084 | -4.4 | 1.097 |
| 248075.2 | 842709.0 | 128.0 | 13.846 | 13.386 | 44.0 | 19.259 | 37.2 | 15.326 | 1.327 | 0.488 | 20.2 | 1.414 | 18.8 | -1.249 | 0.400 | -17.8 | 1.311 |
| 248074.6 | 842708.2 | 128.0 | 13.310 | 13.001 | 44.3 | 18.606 | 36.3 | 14.806 | 1.435 | 0.748 | 27.5 | 1.618 | 13.8 | -1.354 | 0.699 | -27.3 | 1.524 |
| 248074.0 | 842707.3 | 128.0 | 12.788 | 12.513 | 44.4 | 17.891 | 35.5 | 14.237 | 1.492 | 0.998 | 33.8 | 1.794 | 10.5 | -1.409 | 0.962 | -34.3 | 1.706 |
| 248073.5 | 842706.5 | 128.0 | 12.279 | 11.952 | 44.2 | 17.135 | 34.8 | 13.636 | 1.497 | 1.204 | 38.8 | 1.921 | 8.3 | -1.412 | 1.173 | -39.7 | 1.836 |
| 248072.9 | 842705.7 | 128.0 | 11.784 | 11.343 | 43.9 | 16.357 | 34.2 | 13.016 | 1.452 | 1.351 | 42.9 | 1.983 | 6.9 | -1.366 | 1.323 | -44.1 | 1.902 |
| 248072.3 | 842704.9 | 128.0 | 11.309 | 10.711 | 43.4 | 15.576 | 33.9 | 12.395 | 1.362 | 1.436 | 46.5 | 1.980 | 6.1 | -1.275 | 1.410 | -47.9 | 1.901 |
| 248071.8 | 842704.1 | 128.0 | 10.861 | 10.074 | 42.8 | 14.813 | 33.9 | 11.788 | 1.234 | 1.462 | 49.8 | 1.913 | 6.0 | -1.145 | 1.438 | -51.5 | 1.838 |
| 248071.2 | 842703.2 | 128.0 | 10.453 | 9.447 | 42.1 | 14.090 | 34.3 | 11.212 | 1.074 | 1.436 | 53.2 | 1.793 | 6.4 | -0.983 | 1.415 | -55.2 | 1.723 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248070.6 | 842702.4 | 128.0 | 10.100 | 8.845 | 41.2 | 13.426 | 35.0 | 10.684 | 0.891 | 1.370 | 57.0 | 1.634 | 7.5 | -0.796 | 1.351 | -59.5 | 1.568 |
| 248070.0 | 842701.6 | 128.0 | 9.817 | 8.278 | 40.1 | 12.841 | 35.9 | 10.219 | 0.692 | 1.273 | 61.5 | 1.449 | 9.7 | -0.590 | 1.257 | -64.9 | 1.388 |
| 248069.5 | 842700.8 | 128.0 | 9.618 | 7.755 | 38.9 | 12.355 | 37.1 | 9.832 | 0.489 | 1.156 | 67.1 | 1.255 | 13.2 | -0.369 | 1.142 | -72.1 | 1.200 |
| 248068.9 | 842700.0 | 128.0 | 9.517 | 7.281 | 37.4 | 11.982 | 38.2 | 9.535 | 0.307 | 1.027 | 73.4 | 1.072 | 18.8 | -0.140 | 1.014 | -82.1 | 1.023 |
| 248068.3 | 842699.1 | 128.0 | 9.524 | 6.860 | 35.8 | 11.737 | 39.2 | 9.340 | 0.237 | 0.891 | 75.1 | 0.922 | 26.6 | 0.095 | 0.879 | 83.8 | 0.884 |
| 248067.8 | 842698.3 | 128.0 | 9.647 | 6.496 | 34.0 | 11.630 | 39.8 | 9.255 | 0.364 | 0.753 | 64.2 | 0.837 | 33.7 | 0.333 | 0.742 | 65.8 | 0.813 |
| 248067.2 | 842697.5 | 128.0 | 9.890 | 6.188 | 32.0 | 11.666 | 39.9 | 9.284 | 0.567 | 0.617 | 47.4 | 0.838 | 32.9 | 0.569 | 0.605 | 46.8 | 0.831 |
| 248066.6 | 842696.7 | 128.0 | 10.252 | 5.938 | 30.1 | 11.847 | 39.3 | 9.428 | 0.785 | 0.483 | 31.6 | 0.922 | 25.3 | 0.800 | 0.470 | 30.5 | 0.928 |
| 248066.0 | 842695.9 | 128.0 | 10.726 | 5.746 | 28.2 | 12.168 | 38.2 | 9.683 | 0.998 | 0.354 | 19.5 | 1.059 | 17.8 | 1.018 | 0.338 | 18.4 | 1.073 |
| 248065.5 | 842695.0 | 128.0 | 11.299 | 5.611 | 26.4 | 12.615 | 36.7 | 10.039 | 1.194 | 0.234 | 11.1 | 1.217 | 12.6 | 1.218 | 0.209 | 9.8 | 1.236 |
| 248064.9 | 842694.2 | 128.0 | 11.950 | 5.535 | 24.9 | 13.169 | 35.1 | 10.480 | 1.364 | 0.139 | 5.8 | 1.371 | 9.3 | 1.390 | 0.084 | 3.4 | 1.392 |
| 248064.3 | 842693.4 | 128.0 | 12.649 | 5.517 | 23.6 | 13.800 | 33.6 | 10.982 | 1.495 | 0.127 | 4.9 | 1.500 | 7.4 | 1.523 | -0.038 | -1.4 | 1.523 |
| 248063.8 | 842692.6 | 128.0 | 13.361 | 5.557 | 22.6 | 14.471 | 32.2 | 11.515 | 1.577 | 0.206 | 7.4 | 1.591 | 6.4 | 1.608 | -0.156 | -5.5 | 1.616 |
| 248063.2 | 842691.7 | 128.0 | 14.042 | 5.656 | 21.9 | 15.138 | 31.0 | 12.047 | 1.601 | 0.307 | 10.8 | 1.630 | 6.2 | 1.636 | -0.268 | -9.3 | 1.658 |
| 248062.6 | 842690.9 | 128.0 | 14.647 | 5.812 | 21.6 | 15.758 | 30.2 | 12.540 | 1.560 | 0.407 | 14.6 | 1.612 | 6.5 | 1.601 | -0.371 | -13.1 | 1.644 |
| 248062.0 | 842690.1 | 128.0 | 15.135 | 6.022 | 21.7 | 16.289 | 29.7 | 12.963 | 1.454 | 0.498 | 18.9 | 1.537 | 7.4 | 1.503 | -0.463 | -17.1 | 1.573 |
| 248061.5 | 842689.3 | 128.0 | 15.471 | 6.282 | 22.1 | 16.698 | 29.5 | 13.288 | 1.288 | 0.573 | 24.0 | 1.410 | 9.0 | 1.346 | -0.540 | -21.8 | 1.450 |
| 248060.9 | 842688.5 | 128.0 | 15.633 | 6.583 | 22.8 | 16.962 | 29.6 | 13.498 | 1.073 | 0.628 | 30.3 | 1.243 | 11.5 | 1.140 | -0.595 | -27.6 | 1.286 |
| 248060.3 | 842687.6 | 128.0 | 15.611 | 6.911 | 23.9 | 17.072 | 29.8 | 13.586 | 0.826 | 0.656 | 38.5 | 1.054 | 15.5 | 0.898 | -0.624 | -34.8 | 1.093 |
| 248059.8 | 842686.8 | 128.0 | 15.409 | 7.248 | 25.2 | 17.029 | 30.0 | 13.551 | 0.567 | 0.652 | 49.0 | 0.864 | 22.1 | 0.635 | -0.623 | -44.5 | 0.889 |
| 248059.2 | 842686.0 | 128.0 | 15.045 | 7.570 | 26.7 | 16.842 | 30.2 | 13.402 | 0.338 | 0.614 | 61.2 | 0.701 | 32.9 | 0.366 | -0.588 | -58.1 | 0.693 |
| 248058.6 | 842685.2 | 128.0 | 14.539 | 7.851 | 28.4 | 16.524 | 30.3 | 13.149 | 0.255 | 0.541 | 64.8 | 0.598 | 46.9 | 0.106 | -0.519 | -78.5 | 0.529 |
| 248058.0 | 842684.4 | 128.0 | 13.922 | 8.064 | 30.1 | 16.089 | 30.2 | 12.803 | 0.391 | 0.437 | 48.2 | 0.586 | 47.9 | -0.136 | -0.418 | 71.9 | 0.439 |
| 248057.5 | 842683.5 | 128.0 | 13.220 | 8.185 | 31.8 | 15.549 | 29.9 | 12.373 | 0.582 | 0.313 | 28.3 | 0.661 | 34.6 | -0.352 | -0.290 | 39.5 | 0.456 |
| 248056.9 | 842682.7 | 128.0 | 12.462 | 8.195 | 33.3 | 14.915 | 29.4 | 11.869 | 0.760 | 0.197 | 14.5 | 0.785 | 23.6 | -0.538 | -0.143 | 14.9 | 0.556 |
| 248056.3 | 842681.9 | 128.0 | 11.673 | 8.087 | 34.7 | 14.201 | 28.8 | 11.300 | 0.911 | 0.175 | 10.9 | 0.927 | 16.7 | -0.690 | 0.014 | -1.1 | 0.690 |
| 248055.8 | 842681.1 | 128.0 | 10.873 | 7.862 | 35.9 | 13.418 | 28.0 | 10.677 | 1.030 | 0.282 | 15.3 | 1.068 | 12.4 | -0.810 | 0.171 | -11.9 | 0.828 |
| 248055.2 | 842680.3 | 128.0 | 10.082 | 7.530 | 36.8 | 12.583 | 27.2 | 10.013 | 1.117 | 0.422 | 20.7 | 1.194 | 9.4 | -0.898 | 0.320 | -19.6 | 0.954 |
| 248054.6 | 842679.4 | 128.0 | 9.314 | 7.111 | 37.4 | 11.718 | 26.4 | 9.325 | 1.175 | 0.555 | 25.3 | 1.300 | 7.3 | -0.958 | 0.452 | -25.3 | 1.060 |
| 248054.0 | 842678.6 | 128.0 | 8.581 | 6.630 | 37.7 | 10.845 | 25.5 | 8.630 | 1.207 | 0.668 | 29.0 | 1.379 | 5.8 | -0.992 | 0.564 | -29.6 | 1.141 |
| 248053.5 | 842677.8 | 128.0 | 7.895 | 6.115 | 37.8 | 9.987 | 24.5 | 7.947 | 1.215 | 0.757 | 31.9 | 1.432 | 4.6 | -1.003 | 0.652 | -33.0 | 1.197 |
| 248052.9 | 842677.0 | 128.0 | 7.263 | 5.591 | 37.6 | 9.165 | 23.4 | 7.294 | 1.204 | 0.821 | 34.3 | 1.457 | 3.7 | -0.996 | 0.716 | -35.7 | 1.227 |
| 248052.3 | 842676.2 | 128.0 | 6.688 | 5.081 | 37.2 | 8.399 | 22.1 | 6.683 | 1.177 | 0.861 | 36.2 | 1.458 | 3.0 | -0.974 | 0.756 | -37.8 | 1.233 |
| 248051.8 | 842675.3 | 128.0 | 6.172 | 4.603 | 36.7 | 7.699 | 20.7 | 6.127 | 1.138 | 0.878 | 37.6 | 1.438 | 2.4 | -0.940 | 0.776 | -39.5 | 1.218 |
| 248051.2 | 842674.5 | 128.0 | 5.713 | 4.169 | 36.1 | 7.073 | 19.0 | 5.629 | 1.091 | 0.877 | 38.8 | 1.400 | 2.0 | -0.897 | 0.778 | -40.9 | 1.187 |
| 248050.6 | 842673.7 | 128.0 | 5.310 | 3.788 | 35.5 | 6.523 | 17.2 | 5.191 | 1.038 | 0.861 | 39.7 | 1.349 | 1.6 | -0.849 | 0.766 | -42.1 | 1.144 |
| 248050.0 | 842672.9 | 128.0 | 4.958 | 3.462 | 34.9 | 6.047 | 15.2 | 4.812 | 0.982 | 0.834 | 40.4 | 1.289 | 1.3 | -0.797 | 0.744 | -43.0 | 1.091 |
| 248049.5 | 842672.1 | 128.0 | 4.651 | 3.188 | 34.4 | 5.639 | 13.1 | 4.487 | 0.925 | 0.800 | 40.8 | 1.223 | 1.1 | -0.744 | 0.714 | -43.8 | 1.031 |
| 248048.9 | 842671.2 | 128.0 | 4.384 | 2.965 | 34.1 | 5.293 | 11.0 | 4.212 | 0.868 | 0.760 | 41.2 | 1.154 | 0.9 | -0.691 | 0.679 | -44.5 | 0.969 |
| 248048.3 | 842670.4 | 128.0 | 4.152 | 2.786 | 33.9 | 5.000 | 9.0 | 3.979 | 0.813 | 0.717 | 41.4 | 1.083 | 0.8 | -0.639 | 0.641 | -45.1 | 0.905 |
| 248047.8 | 842669.6 | 128.0 | 3.950 | 2.645 | 33.8 | 4.754 | 7.2 | 3.783 | 0.759 | 0.672 | 41.5 | 1.014 | 0.7 | -0.588 | 0.601 | -45.6 | 0.841 |
| 248047.2 | 842668.8 | 128.0 | 3.774 | 2.535 | 33.9 | 4.546 | 5.8 | 3.617 | 0.709 | 0.628 | 41.6 | 0.947 | 0.6 | -0.540 | 0.561 | -46.1 | 0.779 |
| 248046.6 | 842668.0 | 128.0 | 3.619 | 2.450 | 34.1 | 4.370 | 5.1 | 3.478 | 0.661 | 0.584 | 41.5 | 0.882 | 0.5 | -0.495 | 0.521 | -46.5 | 0.718 |
| 248046.0 | 842667.1 | 128.0 | 3.483 | 2.385 | 34.4 | 4.221 | 5.1 | 3.359 | 0.616 | 0.542 | 41.3 | 0.821 | 0.4 | -0.452 | 0.483 | -46.9 | 0.661 |
| 248045.5 | 842666.3 | 128.0 | 3.363 | 2.336 | 34.8 | 4.094 | 5.8 | 3.258 | 0.575 | 0.502 | 41.1 | 0.763 | 0.4 | -0.411 | 0.446 | -47.3 | 0.607 |
| 248044.9 | 842665.5 | 128.0 | 3.256 | 2.299 | 35.2 | 3.986 | 6.7 | 3.172 | 0.536 | 0.464 | 40.9 | 0.709 | 0.3 | -0.374 | 0.411 | -47.7 | 0.555 |
| 248044.3 | 842664.7 | 128.0 | 3.162 | 2.270 | 35.7 | 3.893 | 7.8 | 3.098 | 0.500 | 0.427 | 40.5 | 0.658 | 0.3 | -0.339 | 0.378 | -48.1 | 0.507 |
| 248043.8 | 842663.8 | 128.0 | 3.078 | 2.249 | 36.2 | 3.812 | 8.8 | 3.033 | 0.467 | 0.393 | 40.1 | 0.611 | 0.3 | -0.306 | 0.346 | -48.6 | 0.462 |
| 248043.2 | 842663.0 | 128.0 | 3.003 | 2.233 | 36.6 | 3.742 | 9.8 | 2.978 | 0.437 | 0.362 | 39.6 | 0.567 | 0.3 | -0.275 | 0.317 | -49.0 | 0.420 |
| 248042.6 | 842662.2 | 128.0 | 2.936 | 2.221 | 37.1 | 3.681 | 10.8 | 2.929 | 0.409 | 0.332 | 39.1 | 0.527 | 0.2 | -0.247 | 0.290 | -49.6 | 0.381 |
| 248042.0 | 842661.4 | 128.0 | 2.876 | 2.212 | 37.6 | 3.628 | 11.7 | 2.887 | 0.383 | 0.304 | 38.5 | 0.489 | 0.2 | -0.221 | 0.264 | -50.1 | 0.344 |
| 248041.5 | 842660.6 | 128.0 | 2.822 | 2.206 | 38.0 | 3.582 | 12.6 | 2.850 | 0.359 | 0.278 | 37.8 | 0.454 | 0.2 | -0.196 | 0.240 | -50.8 | 0.310 |

Wire low point cross section results between structures [redacted]/[redacted]-8R and Gantry 2



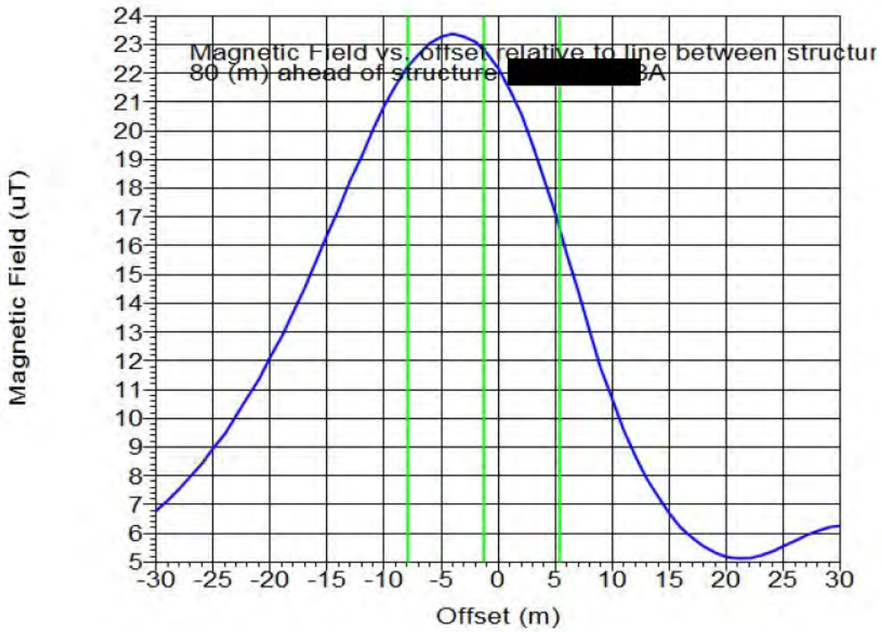



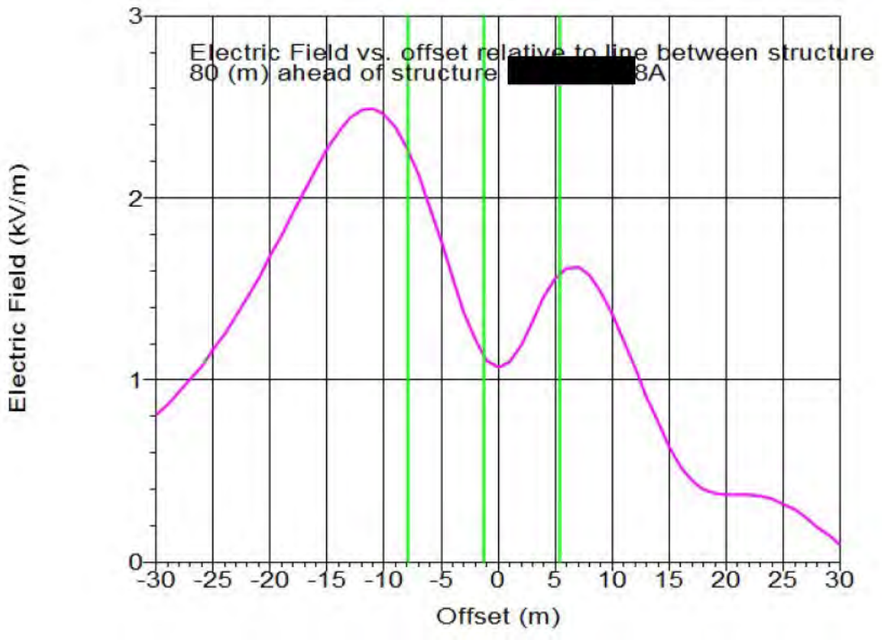

3D EMF Point Results Span from [redacted]-8R to Gantry 2:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) | |
| 248193.2 | 842855.4 | 128.0 | 12.683 | 8.343 | 33.3 | 15.181 | 20.1 | 12.081 | 0.146 | 0.255 | 60.2 | 0.294 | 53.9 | 0.111 | -0.311 | -70.3 | 0.330 | |
| 248192.3 | 842854.8 | 128.0 | 12.151 | 8.538 | 35.1 | 14.850 | 20.5 | 11.817 | 0.225 | 0.184 | 39.3 | 0.290 | 57.3 | -0.001 | -0.234 | 89.8 | 0.234 | |
| 248191.5 | 842854.3 | 128.0 | 11.521 | 8.592 | 36.7 | 14.372 | 20.8 | 11.437 | 0.311 | 0.123 | 21.6 | 0.334 | 38.9 | -0.099 | -0.144 | 55.4 | 0.175 | |
| 248190.6 | 842853.8 | 128.0 | 10.822 | 8.500 | 38.1 | 13.761 | 21.0 | 10.951 | 0.385 | 0.127 | 18.3 | 0.405 | 25.7 | -0.180 | -0.046 | 14.3 | 0.186 | |
| 248189.8 | 842853.2 | 128.0 | 10.078 | 8.267 | 39.4 | 13.035 | 21.1 | 10.373 | 0.439 | 0.200 | 24.5 | 0.483 | 18.4 | -0.240 | 0.055 | -12.8 | 0.247 | |
| 248188.9 | 842852.7 | 128.0 | 9.316 | 7.909 | 40.3 | 12.221 | 21.2 | 9.725 | 0.471 | 0.291 | 31.7 | 0.553 | 14.3 | -0.278 | 0.152 | -28.6 | 0.317 | |
| 248188.1 | 842852.1 | 128.0 | 8.558 | 7.448 | 41.0 | 11.345 | 21.3 | 9.028 | 0.478 | 0.378 | 38.3 | 0.609 | 12.1 | -0.291 | 0.240 | -39.5 | 0.377 | |
| 248187.3 | 842851.6 | 128.0 | 7.828 | 6.912 | 41.4 | 10.443 | 21.4 | 8.310 | 0.459 | 0.452 | 44.5 | 0.645 | 11.1 | -0.280 | 0.314 | -48.3 | 0.421 | |
| 248186.4 | 842851.1 | 128.0 | 7.147 | 6.330 | 41.5 | 9.548 | 21.6 | 7.598 | 0.417 | 0.509 | 50.7 | 0.658 | 11.1 | -0.245 | 0.372 | -56.6 | 0.445 | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248185.6 | 842850.5 | 128.0 | 6.542 | 5.731 | 41.2 | 8.697 | 22.0 | 6.921 | 0.352 | 0.545 | 57.2 | 0.649 | 12.1 | -0.187 | 0.410 | -65.5 | 0.450 |
| 248184.7 | 842850.0 | 128.0 | 6.042 | 5.138 | 40.4 | 7.931 | 22.6 | 6.311 | 0.269 | 0.561 | 64.4 | 0.622 | 14.2 | -0.108 | 0.428 | -75.9 | 0.441 |
| 248183.9 | 842849.4 | 128.0 | 5.680 | 4.574 | 38.8 | 7.292 | 23.3 | 5.803 | 0.177 | 0.556 | 72.3 | 0.584 | 17.9 | -0.010 | 0.427 | -88.7 | 0.427 |
| 248183.1 | 842848.9 | 128.0 | 5.495 | 4.059 | 36.4 | 6.832 | 23.8 | 5.437 | 0.123 | 0.533 | 77.0 | 0.547 | 22.8 | 0.105 | 0.408 | 75.6 | 0.421 |
| 248182.2 | 842848.4 | 128.0 | 5.523 | 3.615 | 33.2 | 6.601 | 23.4 | 5.253 | 0.189 | 0.492 | 69.0 | 0.527 | 27.6 | 0.232 | 0.373 | 58.0 | 0.439 |
| 248181.4 | 842847.8 | 128.0 | 5.786 | 3.269 | 29.5 | 6.645 | 21.3 | 5.288 | 0.321 | 0.436 | 53.7 | 0.541 | 28.7 | 0.370 | 0.322 | 41.0 | 0.491 |
| 248180.5 | 842847.3 | 128.0 | 6.285 | 3.051 | 25.9 | 6.986 | 17.8 | 5.560 | 0.473 | 0.368 | 37.9 | 0.599 | 24.8 | 0.515 | 0.259 | 26.7 | 0.576 |
| 248179.7 | 842846.7 | 128.0 | 7.008 | 2.992 | 23.1 | 7.620 | 14.1 | 6.064 | 0.631 | 0.290 | 24.6 | 0.695 | 19.3 | 0.661 | 0.184 | 15.6 | 0.686 |
| 248178.8 | 842846.2 | 128.0 | 7.935 | 3.112 | 21.4 | 8.523 | 11.6 | 6.783 | 0.788 | 0.205 | 14.6 | 0.815 | 14.7 | 0.804 | 0.100 | 7.1 | 0.810 |
| 248178.0 | 842845.7 | 128.0 | 9.043 | 3.409 | 20.7 | 9.664 | 11.2 | 7.691 | 0.936 | 0.128 | 7.8 | 0.945 | 11.5 | 0.936 | 0.006 | 0.4 | 0.936 |
| 248177.2 | 842845.1 | 128.0 | 10.312 | 3.867 | 20.6 | 11.013 | 12.4 | 8.764 | 1.066 | 0.110 | 5.9 | 1.072 | 9.6 | 1.051 | -0.096 | -5.2 | 1.056 |
| 248176.3 | 842844.6 | 128.0 | 11.720 | 4.469 | 20.9 | 12.543 | 14.3 | 9.981 | 1.169 | 0.186 | 9.0 | 1.184 | 8.6 | 1.139 | -0.204 | -10.1 | 1.157 |
| 248175.5 | 842844.1 | 128.0 | 13.243 | 5.201 | 21.4 | 14.228 | 16.5 | 11.322 | 1.235 | 0.296 | 13.5 | 1.270 | 8.3 | 1.191 | -0.316 | -14.9 | 1.232 |
| 248174.6 | 842843.5 | 128.0 | 14.857 | 6.054 | 22.2 | 16.043 | 18.8 | 12.766 | 1.253 | 0.415 | 18.3 | 1.320 | 8.8 | 1.195 | -0.431 | -19.8 | 1.270 |
| 248173.8 | 842843.0 | 128.0 | 16.529 | 7.026 | 23.0 | 17.961 | 21.1 | 14.293 | 1.215 | 0.536 | 23.8 | 1.328 | 10.1 | 1.144 | -0.543 | -25.4 | 1.266 |
| 248172.9 | 842842.4 | 128.0 | 18.228 | 8.117 | 24.0 | 19.953 | 23.3 | 15.878 | 1.113 | 0.651 | 30.3 | 1.290 | 12.5 | 1.030 | -0.648 | -32.2 | 1.217 |
| 248172.1 | 842841.9 | 128.0 | 19.917 | 9.324 | 25.1 | 21.991 | 25.4 | 17.500 | 0.948 | 0.752 | 38.4 | 1.210 | 16.3 | 0.849 | -0.738 | -41.0 | 1.125 |
| 248171.3 | 842841.4 | 128.0 | 21.562 | 10.643 | 26.3 | 24.045 | 27.5 | 19.134 | 0.728 | 0.829 | 48.7 | 1.103 | 22.5 | 0.603 | -0.802 | -53.1 | 1.003 |
| 248170.4 | 842840.8 | 128.0 | 23.129 | 12.064 | 27.5 | 26.086 | 29.3 | 20.759 | 0.488 | 0.869 | 60.7 | 0.996 | 32.0 | 0.297 | -0.828 | -70.3 | 0.880 |
| 248169.6 | 842840.3 | 128.0 | 24.590 | 13.573 | 28.9 | 28.087 | 30.8 | 22.351 | 0.371 | 0.859 | 66.7 | 0.936 | 43.1 | -0.059 | -0.803 | 85.8 | 0.805 |
| 248168.7 | 842839.7 | 128.0 | 25.920 | 15.144 | 30.3 | 30.020 | 31.8 | 23.889 | 0.574 | 0.789 | 54.0 | 0.975 | 45.5 | -0.451 | -0.713 | 57.7 | 0.844 |
| 248167.9 | 842839.2 | 128.0 | 27.099 | 16.746 | 31.7 | 31.856 | 32.4 | 25.350 | 0.934 | 0.652 | 34.9 | 1.139 | 36.5 | -0.862 | -0.547 | 32.4 | 1.021 |
| 248167.0 | 842838.7 | 128.0 | 28.111 | 18.336 | 33.1 | 33.563 | 32.3 | 26.708 | 1.330 | 0.468 | 19.4 | 1.410 | 27.1 | -1.274 | -0.299 | 13.2 | 1.309 |
| 248166.2 | 842838.1 | 128.0 | 28.941 | 19.866 | 34.5 | 35.104 | 31.6 | 27.935 | 1.723 | 0.355 | 11.6 | 1.759 | 20.5 | -1.672 | 0.031 | -1.1 | 1.673 |
| 248165.4 | 842837.6 | 128.0 | 29.577 | 21.279 | 35.7 | 36.436 | 30.4 | 28.995 | 2.090 | 0.548 | 14.7 | 2.161 | 15.9 | -2.040 | 0.430 | -11.9 | 2.085 |
| 248164.5 | 842837.0 | 128.0 | 29.892 | 22.464 | 36.9 | 37.392 | 28.7 | 29.755 | 2.408 | 0.936 | 21.2 | 2.583 | 12.6 | -2.357 | 0.877 | -20.4 | 2.515 |
| 248163.7 | 842836.5 | 128.0 | 30.090 | 23.453 | 37.9 | 38.150 | 26.7 | 30.359 | 2.679 | 1.382 | 27.3 | 3.014 | 10.0 | -2.626 | 1.346 | -27.1 | 2.951 |
| 248162.8 | 842836.0 | 128.0 | 30.041 | 24.146 | 38.8 | 38.542 | 24.4 | 30.671 | 2.886 | 1.826 | 32.3 | 3.415 | 7.8 | -2.832 | 1.798 | -32.4 | 3.355 |
| 248162.0 | 842835.4 | 128.0 | 29.729 | 24.500 | 39.5 | 38.524 | 22.1 | 30.656 | 3.023 | 2.225 | 36.4 | 3.754 | 6.1 | -2.968 | 2.201 | -36.6 | 3.695 |
| 248161.1 | 842834.9 | 128.0 | 29.149 | 24.493 | 40.0 | 38.073 | 19.8 | 30.298 | 3.088 | 2.547 | 39.5 | 4.003 | 4.7 | -3.033 | 2.523 | -39.8 | 3.946 |
| 248160.3 | 842834.4 | 128.0 | 28.309 | 24.130 | 40.4 | 37.198 | 17.7 | 29.601 | 3.083 | 2.771 | 41.9 | 4.145 | 3.6 | -3.029 | 2.747 | -42.2 | 4.089 |
| 248159.5 | 842833.8 | 128.0 | 27.238 | 23.443 | 40.7 | 35.937 | 15.7 | 28.598 | 3.014 | 2.889 | 43.8 | 4.175 | 2.7 | -2.961 | 2.866 | -44.1 | 4.121 |
| 248158.6 | 842833.3 | 128.0 | 25.980 | 22.485 | 40.9 | 34.359 | 13.9 | 27.342 | 2.891 | 2.909 | 45.2 | 4.101 | 2.0 | -2.842 | 2.886 | -45.4 | 4.050 |
| 248157.8 | 842832.7 | 128.0 | 24.587 | 21.326 | 40.9 | 32.547 | 12.4 | 25.900 | 2.729 | 2.843 | 46.2 | 3.941 | 1.4 | -2.683 | 2.821 | -46.4 | 3.893 |
| 248156.9 | 842832.2 | 128.0 | 23.115 | 20.034 | 40.9 | 30.588 | 11.0 | 24.342 | 2.540 | 2.713 | 46.9 | 3.717 | 1.0 | -2.497 | 2.691 | -47.1 | 3.671 |
| 248156.1 | 842831.7 | 128.0 | 21.616 | 18.676 | 40.8 | 28.566 | 9.8 | 22.732 | 2.338 | 2.538 | 47.4 | 3.451 | 0.7 | -2.298 | 2.518 | -47.6 | 3.409 |
| 248155.3 | 842831.1 | 128.0 | 20.132 | 17.306 | 40.7 | 26.548 | 8.8 | 21.126 | 2.132 | 2.339 | 47.7 | 3.165 | 0.5 | -2.096 | 2.319 | -47.9 | 3.125 |
| 248154.4 | 842830.6 | 128.0 | 18.696 | 15.965 | 40.5 | 24.585 | 7.9 | 19.564 | 1.930 | 2.130 | 47.8 | 2.874 | 0.3 | -1.897 | 2.110 | -48.0 | 2.837 |
| 248153.6 | 842830.0 | 128.0 | 17.329 | 14.684 | 40.3 | 22.714 | 7.2 | 18.075 | 1.738 | 1.922 | 47.9 | 2.592 | 0.3 | -1.708 | 1.903 | -48.1 | 2.557 |
| 248152.7 | 842829.5 | 128.0 | 16.046 | 13.479 | 40.0 | 20.956 | 6.6 | 16.676 | 1.560 | 1.724 | 47.9 | 2.325 | 0.3 | -1.532 | 1.704 | -48.1 | 2.291 |
| 248151.9 | 842829.0 | 128.0 | 14.853 | 12.360 | 39.8 | 19.323 | 6.1 | 15.377 | 1.396 | 1.539 | 47.8 | 2.078 | 0.4 | -1.370 | 1.519 | -48.0 | 2.046 |
| 248151.0 | 842828.4 | 128.0 | 13.751 | 11.331 | 39.5 | 17.818 | 5.7 | 14.179 | 1.247 | 1.370 | 47.7 | 1.853 | 0.4 | -1.223 | 1.350 | -47.8 | 1.822 |
| 248150.2 | 842827.9 | 128.0 | 12.738 | 10.392 | 39.2 | 16.439 | 5.4 | 13.082 | 1.114 | 1.217 | 47.5 | 1.650 | 0.4 | -1.092 | 1.197 | -47.6 | 1.620 |
| 248149.4 | 842827.3 | 128.0 | 11.811 | 9.537 | 38.9 | 15.181 | 5.1 | 12.081 | 0.995 | 1.081 | 47.4 | 1.469 | 0.4 | -0.974 | 1.061 | -47.5 | 1.440 |
| 248148.5 | 842826.8 | 128.0 | 10.964 | 8.762 | 38.6 | 14.035 | 4.9 | 11.169 | 0.888 | 0.961 | 47.2 | 1.308 | 0.4 | -0.869 | 0.940 | -47.3 | 1.280 |
| 248147.7 | 842826.3 | 128.0 | 10.190 | 8.061 | 38.3 | 12.994 | 4.8 | 10.340 | 0.794 | 0.854 | 47.1 | 1.166 | 0.4 | -0.776 | 0.833 | -47.0 | 1.138 |
| 248146.8 | 842825.7 | 128.0 | 9.485 | 7.428 | 38.1 | 12.047 | 4.7 | 9.587 | 0.710 | 0.760 | 47.0 | 1.040 | 0.4 | -0.693 | 0.739 | -46.8 | 1.013 |
| 248146.0 | 842825.2 | 128.0 | 8.841 | 6.856 | 37.8 | 11.188 | 4.6 | 8.903 | 0.636 | 0.678 | 46.8 | 0.929 | 0.4 | -0.620 | 0.656 | -46.6 | 0.902 |
| 248145.1 | 842824.7 | 128.0 | 8.254 | 6.338 | 37.5 | 10.407 | 4.6 | 8.281 | 0.570 | 0.605 | 46.7 | 0.831 | 0.4 | -0.555 | 0.583 | -46.4 | 0.805 |
| 248144.3 | 842824.1 | 128.0 | 7.717 | 5.870 | 37.3 | 9.696 | 4.6 | 7.716 | 0.512 | 0.542 | 46.6 | 0.745 | 0.4 | -0.497 | 0.520 | -46.3 | 0.719 |
| 248143.5 | 842823.6 | 128.0 | 7.226 | 5.447 | 37.0 | 9.049 | 4.6 | 7.201 | 0.460 | 0.486 | 46.6 | 0.669 | 0.3 | -0.446 | 0.464 | -46.1 | 0.644 |
| 248142.6 | 842823.0 | 128.0 | 6.777 | 5.063 | 36.8 | 8.459 | 4.6 | 6.732 | 0.414 | 0.437 | 46.5 | 0.602 | 0.3 | -0.401 | 0.414 | -45.9 | 0.577 |

Wire low point cross section results between structures [redacted]/[redacted]-8A and Gantry 3




3D EMF Point Results Span from [redacted]-8A to Gantry 3:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248081.8 | 842741.7 | 128.0 | 6.204 | 2.766 | 24.0 | 6.793 | 6.6 | 5.405 | 0.789 | 0.193 | 13.7 | 0.812 | 0.2 | 0.777 | -0.193 | -14.0 | 0.801 |
| 248081.6 | 842740.7 | 128.0 | 6.543 | 2.908 | 24.0 | 7.160 | 7.0 | 5.698 | 0.846 | 0.207 | 13.8 | 0.871 | 0.2 | 0.832 | -0.207 | -14.0 | 0.857 |
| 248081.4 | 842739.8 | 128.0 | 6.909 | 3.060 | 23.9 | 7.556 | 7.4 | 6.013 | 0.908 | 0.224 | 13.8 | 0.935 | 0.2 | 0.891 | -0.223 | -14.0 | 0.918 |
| 248081.2 | 842738.8 | 128.0 | 7.305 | 3.224 | 23.8 | 7.985 | 7.8 | 6.354 | 0.976 | 0.242 | 13.9 | 1.005 | 0.2 | 0.955 | -0.240 | -14.1 | 0.985 |
| 248081.0 | 842737.8 | 128.0 | 7.732 | 3.402 | 23.7 | 8.447 | 8.3 | 6.722 | 1.049 | 0.261 | 14.0 | 1.081 | 0.3 | 1.025 | -0.259 | -14.2 | 1.057 |
| 248080.8 | 842736.8 | 128.0 | 8.193 | 3.594 | 23.7 | 8.947 | 8.8 | 7.120 | 1.129 | 0.283 | 14.1 | 1.164 | 0.3 | 1.100 | -0.280 | -14.3 | 1.135 |
| 248080.6 | 842735.8 | 128.0 | 8.691 | 3.803 | 23.6 | 9.486 | 9.3 | 7.549 | 1.215 | 0.308 | 14.2 | 1.253 | 0.3 | 1.181 | -0.303 | -14.4 | 1.220 |
| 248080.4 | 842734.9 | 128.0 | 9.227 | 4.029 | 23.6 | 10.068 | 9.9 | 8.012 | 1.307 | 0.335 | 14.4 | 1.350 | 0.4 | 1.268 | -0.329 | -14.5 | 1.310 |
| 248080.2 | 842733.9 | 128.0 | 9.804 | 4.275 | 23.6 | 10.695 | 10.5 | 8.511 | 1.406 | 0.365 | 14.6 | 1.453 | 0.5 | 1.361 | -0.357 | -14.7 | 1.407 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248080.0 | 842732.9 | 128.0 | 10.422 | 4.542 | 23.5 | 11.369 | 11.2 | 9.047 | 1.510 | 0.399 | 14.8 | 1.562 | 0.5 | 1.459 | -0.389 | -14.9 | 1.510 |
| 248079.8 | 842731.9 | 128.0 | 11.083 | 4.834 | 23.6 | 12.091 | 12.0 | 9.622 | 1.620 | 0.436 | 15.1 | 1.677 | 0.7 | 1.562 | -0.425 | -15.2 | 1.619 |
| 248079.7 | 842730.9 | 128.0 | 11.784 | 5.151 | 23.6 | 12.861 | 12.8 | 10.234 | 1.732 | 0.478 | 15.4 | 1.797 | 0.8 | 1.667 | -0.465 | -15.6 | 1.731 |
| 248079.5 | 842729.9 | 128.0 | 12.524 | 5.496 | 23.7 | 13.677 | 13.8 | 10.884 | 1.846 | 0.525 | 15.9 | 1.920 | 1.0 | 1.774 | -0.510 | -16.0 | 1.845 |
| 248079.3 | 842729.0 | 128.0 | 13.297 | 5.873 | 23.8 | 14.536 | 14.8 | 11.568 | 1.958 | 0.578 | 16.4 | 2.042 | 1.2 | 1.878 | -0.560 | -16.6 | 1.959 |
| 248079.1 | 842728.0 | 128.0 | 14.096 | 6.283 | 24.0 | 15.433 | 16.0 | 12.281 | 2.064 | 0.637 | 17.2 | 2.160 | 1.5 | 1.975 | -0.615 | -17.3 | 2.069 |
| 248078.9 | 842727.0 | 128.0 | 14.909 | 6.728 | 24.3 | 16.357 | 17.2 | 13.016 | 2.158 | 0.703 | 18.0 | 2.270 | 1.8 | 2.061 | -0.677 | -18.2 | 2.169 |
| 248078.7 | 842726.0 | 128.0 | 15.721 | 7.212 | 24.6 | 17.296 | 18.6 | 13.764 | 2.234 | 0.775 | 19.1 | 2.365 | 2.3 | 2.129 | -0.745 | -19.3 | 2.255 |
| 248078.5 | 842725.0 | 128.0 | 16.513 | 7.735 | 25.1 | 18.234 | 20.2 | 14.510 | 2.283 | 0.854 | 20.5 | 2.438 | 2.8 | 2.171 | -0.820 | -20.7 | 2.320 |
| 248078.3 | 842724.1 | 128.0 | 17.262 | 8.297 | 25.7 | 19.152 | 21.9 | 15.241 | 2.298 | 0.940 | 22.2 | 2.483 | 3.5 | 2.179 | -0.900 | -22.4 | 2.358 |
| 248078.1 | 842723.1 | 128.0 | 17.943 | 8.898 | 26.4 | 20.028 | 23.8 | 15.938 | 2.270 | 1.031 | 24.4 | 2.493 | 4.4 | 2.146 | -0.984 | -24.6 | 2.361 |
| 248077.9 | 842722.1 | 128.0 | 18.531 | 9.534 | 27.2 | 20.840 | 25.8 | 16.584 | 2.192 | 1.123 | 27.1 | 2.463 | 5.5 | 2.065 | -1.070 | -27.4 | 2.326 |
| 248077.7 | 842721.1 | 128.0 | 19.002 | 10.198 | 28.2 | 21.566 | 28.0 | 17.162 | 2.059 | 1.215 | 30.5 | 2.390 | 6.9 | 1.931 | -1.154 | -30.9 | 2.249 |
| 248077.5 | 842720.1 | 128.0 | 19.335 | 10.882 | 29.4 | 22.187 | 30.3 | 17.656 | 1.870 | 1.298 | 34.8 | 2.277 | 8.6 | 1.742 | -1.230 | -35.2 | 2.132 |
| 248077.3 | 842719.1 | 128.0 | 19.515 | 11.569 | 30.7 | 22.687 | 32.6 | 18.054 | 1.629 | 1.367 | 40.0 | 2.126 | 10.8 | 1.502 | -1.290 | -40.7 | 1.980 |
| 248077.2 | 842718.2 | 128.0 | 19.535 | 12.242 | 32.1 | 23.054 | 34.8 | 18.346 | 1.344 | 1.411 | 46.4 | 1.949 | 13.4 | 1.217 | -1.326 | -47.5 | 1.800 |
| 248077.0 | 842717.2 | 128.0 | 19.396 | 12.877 | 33.6 | 23.281 | 36.9 | 18.526 | 1.031 | 1.422 | 54.0 | 1.756 | 16.7 | 0.899 | -1.328 | -55.9 | 1.604 |
| 248076.8 | 842716.2 | 128.0 | 19.103 | 13.445 | 35.1 | 23.360 | 38.6 | 18.590 | 0.715 | 1.388 | 62.7 | 1.561 | 20.8 | 0.561 | -1.287 | -66.4 | 1.404 |
| 248076.6 | 842715.2 | 128.0 | 18.670 | 13.918 | 36.7 | 23.287 | 39.9 | 18.532 | 0.450 | 1.302 | 70.9 | 1.378 | 25.9 | 0.220 | -1.194 | -79.6 | 1.214 |
| 248076.4 | 842714.2 | 128.0 | 18.145 | 14.279 | 38.2 | 23.090 | 40.5 | 18.374 | 0.379 | 1.160 | 71.9 | 1.220 | 32.3 | -0.113 | -1.045 | 83.8 | 1.051 |
| 248076.2 | 842713.3 | 128.0 | 17.482 | 14.485 | 39.6 | 22.703 | 40.7 | 18.067 | 0.547 | 0.967 | 60.5 | 1.111 | 38.6 | -0.416 | -0.843 | 63.7 | 0.940 |
| 248076.0 | 842712.3 | 128.0 | 16.729 | 14.520 | 41.0 | 22.152 | 40.4 | 17.628 | 0.774 | 0.735 | 43.5 | 1.068 | 41.3 | -0.682 | -0.595 | 41.1 | 0.905 |
| 248075.8 | 842711.3 | 128.0 | 15.902 | 14.371 | 42.1 | 21.434 | 39.6 | 17.056 | 0.983 | 0.495 | 26.7 | 1.100 | 36.9 | -0.902 | -0.315 | 19.2 | 0.956 |
| 248075.6 | 842710.3 | 128.0 | 15.016 | 14.035 | 43.1 | 20.554 | 38.6 | 16.356 | 1.150 | 0.333 | 16.2 | 1.197 | 29.0 | -1.072 | -0.021 | 1.1 | 1.073 |
| 248075.4 | 842709.3 | 128.0 | 14.085 | 13.517 | 43.8 | 19.521 | 37.5 | 15.535 | 1.267 | 0.394 | 17.3 | 1.327 | 21.7 | -1.190 | 0.266 | -12.6 | 1.219 |
| 248075.2 | 842708.4 | 128.0 | 13.123 | 12.834 | 44.4 | 18.356 | 36.6 | 14.607 | 1.333 | 0.587 | 23.8 | 1.456 | 16.2 | -1.254 | 0.526 | -22.8 | 1.360 |
| 248075.0 | 842707.4 | 128.0 | 12.149 | 12.013 | 44.7 | 17.085 | 35.8 | 13.596 | 1.348 | 0.782 | 30.1 | 1.559 | 12.4 | -1.269 | 0.742 | -30.3 | 1.470 |
| 248074.8 | 842706.4 | 128.0 | 11.181 | 11.091 | 44.8 | 15.749 | 35.3 | 12.532 | 1.318 | 0.935 | 35.3 | 1.616 | 9.7 | -1.238 | 0.904 | -36.1 | 1.533 |
| 248074.7 | 842705.4 | 128.0 | 10.241 | 10.111 | 44.6 | 14.392 | 35.2 | 11.452 | 1.248 | 1.034 | 39.6 | 1.621 | 8.0 | -1.168 | 1.007 | -40.8 | 1.542 |
| 248074.5 | 842704.4 | 128.0 | 9.352 | 9.117 | 44.3 | 13.061 | 35.4 | 10.393 | 1.146 | 1.080 | 43.3 | 1.574 | 6.9 | -1.066 | 1.056 | -44.7 | 1.501 |
| 248074.3 | 842703.4 | 128.0 | 8.532 | 8.148 | 43.7 | 11.798 | 35.8 | 9.388 | 1.020 | 1.078 | 46.6 | 1.484 | 6.4 | -0.941 | 1.057 | -48.3 | 1.415 |
| 248074.1 | 842702.5 | 128.0 | 7.795 | 7.237 | 42.9 | 10.636 | 36.5 | 8.464 | 0.879 | 1.038 | 49.7 | 1.361 | 6.3 | -0.801 | 1.020 | -51.8 | 1.297 |
| 248073.9 | 842701.5 | 128.0 | 7.145 | 6.405 | 41.9 | 9.596 | 37.3 | 7.636 | 0.731 | 0.972 | 53.0 | 1.216 | 6.8 | -0.654 | 0.955 | -55.6 | 1.158 |
| 248073.7 | 842700.5 | 128.0 | 6.583 | 5.665 | 40.7 | 8.685 | 38.1 | 6.911 | 0.583 | 0.887 | 56.7 | 1.062 | 7.9 | -0.504 | 0.874 | -60.0 | 1.009 |
| 248073.5 | 842699.5 | 128.0 | 6.104 | 5.020 | 39.4 | 7.903 | 38.7 | 6.289 | 0.440 | 0.794 | 61.0 | 0.908 | 9.7 | -0.358 | 0.782 | -65.4 | 0.860 |
| 248073.3 | 842698.5 | 128.0 | 5.698 | 4.467 | 38.1 | 7.241 | 39.2 | 5.762 | 0.307 | 0.698 | 66.2 | 0.763 | 12.5 | -0.220 | 0.688 | -72.3 | 0.722 |
| 248073.1 | 842697.6 | 128.0 | 5.358 | 3.998 | 36.7 | 6.685 | 39.5 | 5.320 | 0.193 | 0.603 | 72.2 | 0.633 | 16.5 | -0.091 | 0.594 | -81.3 | 0.601 |
| 248072.9 | 842696.6 | 128.0 | 5.075 | 3.604 | 35.4 | 6.224 | 39.8 | 4.953 | 0.121 | 0.513 | 76.7 | 0.527 | 21.7 | 0.025 | 0.505 | 87.2 | 0.505 |
| 248072.7 | 842695.6 | 128.0 | 4.846 | 3.272 | 34.0 | 5.847 | 39.9 | 4.653 | 0.131 | 0.429 | 73.0 | 0.448 | 27.1 | 0.128 | 0.421 | 73.1 | 0.440 |
| 248072.5 | 842694.6 | 128.0 | 4.672 | 2.994 | 32.7 | 5.548 | 40.0 | 4.415 | 0.190 | 0.351 | 61.6 | 0.399 | 30.1 | 0.216 | 0.344 | 57.9 | 0.406 |
| 248072.3 | 842693.6 | 128.0 | 4.556 | 2.758 | 31.2 | 5.326 | 39.9 | 4.238 | 0.250 | 0.282 | 48.4 | 0.377 | 28.7 | 0.288 | 0.274 | 43.6 | 0.398 |
| 248072.2 | 842692.7 | 128.0 | 4.506 | 2.558 | 29.6 | 5.181 | 39.4 | 4.123 | 0.300 | 0.220 | 36.2 | 0.372 | 24.2 | 0.344 | 0.212 | 31.7 | 0.404 |
| 248072.0 | 842691.7 | 128.0 | 4.525 | 2.388 | 27.8 | 5.116 | 38.2 | 4.071 | 0.335 | 0.166 | 26.4 | 0.373 | 19.5 | 0.383 | 0.157 | 22.3 | 0.414 |
| 248071.8 | 842690.7 | 128.0 | 4.612 | 2.246 | 26.0 | 5.130 | 36.3 | 4.082 | 0.353 | 0.119 | 18.7 | 0.373 | 15.7 | 0.405 | 0.110 | 15.2 | 0.420 |
| 248071.6 | 842689.7 | 128.0 | 4.759 | 2.134 | 24.1 | 5.216 | 33.7 | 4.150 | 0.357 | 0.081 | 12.8 | 0.366 | 13.1 | 0.412 | 0.069 | 9.6 | 0.418 |
| 248071.4 | 842688.7 | 128.0 | 4.950 | 2.052 | 22.5 | 5.359 | 30.8 | 4.264 | 0.345 | 0.052 | 8.6 | 0.349 | 11.3 | 0.403 | 0.036 | 5.1 | 0.405 |
| 248071.2 | 842687.7 | 128.0 | 5.163 | 2.004 | 21.2 | 5.539 | 27.8 | 4.408 | 0.321 | 0.034 | 6.1 | 0.323 | 10.3 | 0.382 | 0.010 | 1.5 | 0.382 |
| 248071.0 | 842686.8 | 128.0 | 5.376 | 1.994 | 20.3 | 5.734 | 25.0 | 4.563 | 0.285 | 0.030 | 6.0 | 0.287 | 10.0 | 0.350 | -0.010 | -1.6 | 0.350 |
| 248070.8 | 842685.8 | 128.0 | 5.568 | 2.020 | 19.9 | 5.923 | 22.5 | 4.713 | 0.242 | 0.032 | 7.6 | 0.244 | 10.3 | 0.309 | -0.023 | -4.2 | 0.310 |
| 248070.6 | 842684.8 | 128.0 | 5.720 | 2.079 | 20.0 | 6.086 | 20.3 | 4.843 | 0.193 | 0.035 | 10.2 | 0.196 | 11.4 | 0.262 | -0.029 | -6.4 | 0.264 |
| 248070.4 | 842683.8 | 128.0 | 5.822 | 2.162 | 20.4 | 6.210 | 18.4 | 4.942 | 0.142 | 0.034 | 13.4 | 0.146 | 13.9 | 0.212 | -0.030 | -8.1 | 0.214 |
| 248070.2 | 842682.8 | 128.0 | 5.866 | 2.260 | 21.1 | 6.286 | 16.8 | 5.002 | 0.093 | 0.030 | 18.1 | 0.098 | 19.0 | 0.161 | -0.026 | -9.1 | 0.163 |

PLS-CADD Version 20.00x64  14:30:30 10 October 2024
M Group Services Limited - UK
Project Name: 'D:\SSE ASTI PLS CADD Models\LT459 Fanellan Temp 08102024\FNLN4-LT459-MES-OHLTA-ZZ-M-EO-7601-P04.1.don'
Line Title: 'Temp Diversion - PLS TOWERS updated'

3D EMF Calculation Notes:
  1) Calculations based on the EPRI Red Book methods (3rd Edition, 2005 - 7.4 Calculation of Magnetic Fields and Appendices 7.1 Calculation of Field Ellipse Parameters and 7.6 Electric Field Calculations for 3D Geometry).
  2) All wire positions are modeled at the specified weather case and wind direction. Height above ground determined by the modeled ground TIN.
  3) Only the effects of wires are being analyzed. The effects of structures are not included unless enabled as noted below.
  4) Ground return is being ignored for magnetic field calculations.

Meter height above ground: 1.00 (m)
Maximum wire distance: 150.00 (m)
Maximum cable segment size: 3.00 (m)
Cross section offset +/-: 15.20 (m)
Result interval: 1.00 (m)
Electric field limit: 9.00 (kV/m)
Magnetic field limit: 360.00 (uT)
Space potential limit: 0.00 (kV)
Contour Map Spacing: 3 (m)
Analyzing spans between these structures: [redacted]/[redacted]-4 - [redacted]/[redacted]-11, [redacted]-6T - [redacted]-9T

One or more sections have wind from both directions which is not supported. A wind direction of left is being used for those sections.

**Section Data for 3D EMF Results:**

| Section Number | Section Note | Voltage Ph-Ph (kV) | Current (Amps) | Cable Filename | Cable Description | Conductors Per Phase | Bundle Diameter (cm) | Cable Radius (cm) | Weather Case | Condition | Wind Dir. | WC Temperature (deg C) | Effective Radius (cm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 2 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 3 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 5 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 6 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 7 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 9 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 10 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 11 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 13 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 14 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 15 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 17 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 18 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 19 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 21 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 22 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 23 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 25 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 26 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 27 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |

Centerline results between structures [redacted]/[redacted]-4 and [redacted]/[redacted]-5

**3D EMF Point Results Centerline from [redacted]/[redacted]-4 to [redacted]/[redacted]-5:**

| Measurement X (m) | Measurement Y (m) | Measurement Z (m) | B Real (uT) | B Imaginary (uT) | B Angle (deg) | B Magnitude (uT) | B Polarization Axial Ratio % | H Magnitude (A/m) | EF Real (kV/m) | EF Imaginary (kV/m) | EF Angle (deg) | EF Magnitude (kV/m) | EF Polarization Axial Ratio % | Space Potential Real (kV) | Space Potential Imaginary (kV) | Space Potential Angle (deg) | Space Potential Magnitude (kV) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249438.0 | 843965.0 | 38.7 | 9.680 | 6.217 | 32.7 | 11.504 | 16.4 | 9.155 | 0.124 | 0.592 | 78.1 | 0.605 | 20.3 | 0.029 | 0.970 | 88.3 | 0.970 |
| 249437.3 | 843964.3 | 38.6 | 9.540 | 6.143 | 32.8 | 11.347 | 16.5 | 9.030 | 0.113 | 0.581 | 79.0 | 0.592 | 19.3 | 0.061 | 0.885 | 86.0 | 0.887 |
| 249436.6 | 843963.6 | 38.5 | 9.436 | 6.094 | 32.9 | 11.233 | 16.8 | 8.939 | 0.106 | 0.575 | 79.6 | 0.585 | 18.3 | 0.088 | 0.810 | 83.8 | 0.815 |
| 249435.9 | 843962.8 | 38.4 | 9.374 | 6.074 | 32.9 | 11.170 | 17.2 | 8.888 | 0.104 | 0.573 | 79.8 | 0.583 | 17.4 | 0.112 | 0.751 | 81.5 | 0.759 |
| 249435.2 | 843962.1 | 38.4 | 9.350 | 6.079 | 33.0 | 11.152 | 17.6 | 8.875 | 0.106 | 0.575 | 79.6 | 0.585 | 16.7 | 0.134 | 0.704 | 79.2 | 0.717 |
| 249434.5 | 843961.4 | 38.4 | 9.403 | 6.134 | 33.1 | 11.227 | 18.2 | 8.934 | 0.117 | 0.580 | 78.6 | 0.592 | 17.2 | 0.159 | 0.702 | 77.2 | 0.720 |
| 249433.8 | 843960.7 | 38.3 | 9.439 | 6.176 | 33.2 | 11.280 | 18.8 | 8.976 | 0.125 | 0.588 | 78.0 | 0.601 | 16.6 | 0.180 | 0.669 | 75.0 | 0.692 |
| 249433.1 | 843960.0 | 38.3 | 9.523 | 6.248 | 33.3 | 11.390 | 19.5 | 9.064 | 0.137 | 0.598 | 77.1 | 0.613 | 16.5 | 0.202 | 0.658 | 72.9 | 0.688 |
| 249432.4 | 843959.3 | 38.3 | 9.663 | 6.352 | 33.3 | 11.563 | 20.2 | 9.202 | 0.153 | 0.610 | 75.9 | 0.629 | 17.3 | 0.230 | 0.675 | 71.1 | 0.713 |
| 249431.7 | 843958.5 | 38.4 | 9.821 | 6.466 | 33.4 | 11.759 | 20.9 | 9.357 | 0.169 | 0.623 | 74.8 | 0.646 | 18.0 | 0.259 | 0.693 | 69.5 | 0.740 |
| 249431.0 | 843957.8 | 38.4 | 9.991 | 6.583 | 33.4 | 11.965 | 21.6 | 9.522 | 0.186 | 0.638 | 73.8 | 0.664 | 18.6 | 0.289 | 0.708 | 67.8 | 0.765 |
| 249430.3 | 843957.1 | 38.3 | 10.053 | 6.628 | 33.4 | 12.042 | 22.3 | 9.583 | 0.194 | 0.651 | 73.4 | 0.680 | 16.4 | 0.295 | 0.634 | 65.0 | 0.699 |
| 249429.6 | 843956.4 | 38.3 | 10.218 | 6.735 | 33.4 | 12.238 | 23.0 | 9.739 | 0.209 | 0.666 | 72.6 | 0.698 | 16.3 | 0.318 | 0.628 | 63.2 | 0.704 |
| 249429.0 | 843955.7 | 38.3 | 10.424 | 6.865 | 33.4 | 12.482 | 23.5 | 9.933 | 0.226 | 0.681 | 71.6 | 0.718 | 16.9 | 0.347 | 0.647 | 61.8 | 0.735 |
| 249428.3 | 843954.9 | 38.4 | 10.657 | 7.008 | 33.3 | 12.755 | 24.0 | 10.150 | 0.245 | 0.697 | 70.6 | 0.738 | 17.9 | 0.382 | 0.680 | 60.7 | 0.780 |
| 249427.6 | 843954.2 | 38.4 | 10.875 | 7.138 | 33.3 | 13.008 | 24.5 | 10.351 | 0.262 | 0.711 | 69.8 | 0.758 | 18.4 | 0.412 | 0.699 | 59.5 | 0.811 |
| 249426.9 | 843953.5 | 38.4 | 11.034 | 7.228 | 33.2 | 13.190 | 24.9 | 10.496 | 0.274 | 0.725 | 69.3 | 0.775 | 17.8 | 0.428 | 0.675 | 57.6 | 0.799 |
| 249426.2 | 843952.8 | 38.3 | 11.182 | 7.309 | 33.2 | 13.359 | 25.3 | 10.631 | 0.286 | 0.737 | 68.8 | 0.791 | 16.9 | 0.440 | 0.644 | 55.7 | 0.780 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249425.5 | 843952.1 | 38.3 | 11.318 | 7.380 | 33.1 | 13.511 | 25.6 | 10.752 | 0.297 | 0.749 | 68.4 | 0.806 | 15.9 | 0.447 | 0.604 | 53.5 | 0.751 |
| 249424.8 | 843951.4 | 38.3 | 11.458 | 7.453 | 33.0 | 13.669 | 25.9 | 10.878 | 0.308 | 0.761 | 68.0 | 0.821 | 15.1 | 0.455 | 0.569 | 51.4 | 0.729 |
| 249424.1 | 843950.6 | 38.3 | 11.638 | 7.550 | 33.0 | 13.872 | 26.1 | 11.039 | 0.320 | 0.772 | 67.5 | 0.835 | 15.0 | 0.473 | 0.564 | 50.0 | 0.736 |
| 249423.4 | 843949.9 | 38.3 | 11.813 | 7.642 | 32.9 | 14.069 | 26.2 | 11.196 | 0.332 | 0.782 | 67.0 | 0.849 | 14.9 | 0.490 | 0.558 | 48.7 | 0.742 |
| 249422.7 | 843949.2 | 38.3 | 11.979 | 7.729 | 32.8 | 14.256 | 26.3 | 11.345 | 0.342 | 0.792 | 66.6 | 0.863 | 14.7 | 0.505 | 0.549 | 47.4 | 0.745 |
| 249422.0 | 843948.5 | 38.3 | 12.139 | 7.812 | 32.8 | 14.436 | 26.4 | 11.488 | 0.352 | 0.801 | 66.3 | 0.875 | 14.6 | 0.518 | 0.538 | 46.1 | 0.747 |
| 249421.3 | 843947.8 | 38.3 | 12.293 | 7.892 | 32.7 | 14.608 | 26.4 | 11.625 | 0.361 | 0.809 | 66.0 | 0.886 | 14.4 | 0.530 | 0.527 | 44.8 | 0.748 |
| 249420.6 | 843947.0 | 38.3 | 12.496 | 8.001 | 32.6 | 14.838 | 26.4 | 11.808 | 0.372 | 0.818 | 65.6 | 0.898 | 15.1 | 0.558 | 0.552 | 44.7 | 0.784 |
| 249419.9 | 843946.3 | 38.5 | 12.802 | 8.173 | 32.6 | 15.188 | 26.3 | 12.087 | 0.386 | 0.827 | 65.0 | 0.912 | 17.6 | 0.615 | 0.646 | 46.4 | 0.892 |
| 249419.2 | 843945.6 | 38.6 | 13.051 | 8.310 | 32.5 | 15.472 | 26.2 | 12.312 | 0.398 | 0.835 | 64.5 | 0.925 | 19.1 | 0.657 | 0.705 | 47.0 | 0.964 |
| 249418.5 | 843944.9 | 38.6 | 13.221 | 8.401 | 32.4 | 15.664 | 26.1 | 12.465 | 0.406 | 0.842 | 64.2 | 0.934 | 19.5 | 0.678 | 0.715 | 46.5 | 0.985 |
| 249417.8 | 843944.2 | 38.6 | 13.360 | 8.473 | 32.4 | 15.820 | 26.0 | 12.589 | 0.412 | 0.848 | 64.1 | 0.943 | 19.4 | 0.690 | 0.710 | 45.8 | 0.990 |
| 249417.1 | 843943.5 | 38.6 | 13.493 | 8.543 | 32.3 | 15.970 | 25.9 | 12.709 | 0.418 | 0.854 | 63.9 | 0.951 | 19.4 | 0.701 | 0.703 | 45.1 | 0.993 |
| 249416.4 | 843942.7 | 38.6 | 13.626 | 8.613 | 32.3 | 16.120 | 25.8 | 12.827 | 0.423 | 0.860 | 63.8 | 0.958 | 19.4 | 0.713 | 0.699 | 44.4 | 0.998 |
| 249415.7 | 843942.0 | 38.7 | 13.760 | 8.685 | 32.3 | 16.271 | 25.7 | 12.948 | 0.428 | 0.865 | 63.7 | 0.965 | 19.5 | 0.726 | 0.699 | 43.9 | 1.007 |
| 249415.0 | 843941.3 | 38.7 | 13.889 | 8.755 | 32.2 | 16.418 | 25.6 | 13.065 | 0.433 | 0.870 | 63.6 | 0.972 | 19.7 | 0.738 | 0.698 | 43.4 | 1.016 |
| 249414.3 | 843940.6 | 38.7 | 13.994 | 8.810 | 32.2 | 16.536 | 25.5 | 13.159 | 0.436 | 0.875 | 63.5 | 0.978 | 19.4 | 0.743 | 0.684 | 42.6 | 1.010 |
| 249413.6 | 843939.9 | 38.7 | 14.087 | 8.860 | 32.2 | 16.641 | 25.4 | 13.243 | 0.438 | 0.880 | 63.5 | 0.983 | 19.1 | 0.746 | 0.665 | 41.7 | 1.000 |
| 249412.9 | 843939.2 | 38.7 | 14.188 | 8.915 | 32.1 | 16.756 | 25.3 | 13.334 | 0.441 | 0.885 | 63.5 | 0.988 | 19.0 | 0.752 | 0.653 | 41.0 | 0.996 |
| 249412.2 | 843938.4 | 38.7 | 14.323 | 8.991 | 32.1 | 16.911 | 25.2 | 13.457 | 0.445 | 0.889 | 63.4 | 0.995 | 19.4 | 0.769 | 0.664 | 40.8 | 1.016 |
| 249411.6 | 843937.7 | 38.8 | 14.455 | 9.065 | 32.1 | 17.062 | 25.1 | 13.578 | 0.449 | 0.894 | 63.3 | 1.001 | 19.8 | 0.785 | 0.675 | 40.7 | 1.035 |
| 249410.9 | 843937.0 | 38.8 | 14.584 | 9.139 | 32.1 | 17.211 | 24.9 | 13.696 | 0.453 | 0.899 | 63.2 | 1.006 | 20.3 | 0.801 | 0.686 | 40.6 | 1.055 |
| 249410.2 | 843936.3 | 38.9 | 14.711 | 9.211 | 32.1 | 17.357 | 24.8 | 13.812 | 0.457 | 0.903 | 63.2 | 1.012 | 20.7 | 0.817 | 0.697 | 40.5 | 1.074 |
| 249409.5 | 843935.6 | 38.9 | 14.835 | 9.283 | 32.0 | 17.500 | 24.7 | 13.926 | 0.460 | 0.907 | 63.1 | 1.017 | 21.1 | 0.832 | 0.708 | 40.4 | 1.093 |
| 249408.8 | 843934.8 | 39.0 | 14.999 | 9.379 | 32.0 | 17.690 | 24.6 | 14.077 | 0.465 | 0.912 | 63.0 | 1.024 | 22.1 | 0.859 | 0.744 | 40.9 | 1.137 |
| 249408.1 | 843934.1 | 38.9 | 15.058 | 9.412 | 32.0 | 17.758 | 24.5 | 14.131 | 0.466 | 0.916 | 63.1 | 1.027 | 21.6 | 0.857 | 0.719 | 40.0 | 1.119 |
| 249407.4 | 843933.4 | 38.9 | 15.116 | 9.445 | 32.0 | 17.824 | 24.4 | 14.184 | 0.465 | 0.919 | 63.2 | 1.031 | 21.2 | 0.855 | 0.694 | 39.1 | 1.102 |
| 249406.7 | 843932.7 | 38.9 | 15.172 | 9.477 | 32.0 | 17.889 | 24.3 | 14.235 | 0.465 | 0.923 | 63.2 | 1.034 | 20.8 | 0.853 | 0.670 | 38.1 | 1.085 |
| 249406.0 | 843932.0 | 38.9 | 15.226 | 9.508 | 32.0 | 17.951 | 24.3 | 14.285 | 0.465 | 0.926 | 63.3 | 1.037 | 20.4 | 0.851 | 0.645 | 37.2 | 1.068 |
| 249405.3 | 843931.3 | 39.0 | 15.303 | 9.554 | 32.0 | 18.040 | 24.2 | 14.356 | 0.466 | 0.930 | 63.4 | 1.040 | 20.3 | 0.857 | 0.636 | 36.6 | 1.067 |
| 249404.6 | 843930.5 | 39.0 | 15.393 | 9.607 | 32.0 | 18.145 | 24.1 | 14.440 | 0.467 | 0.934 | 63.4 | 1.044 | 20.5 | 0.866 | 0.637 | 36.3 | 1.074 |
| 249403.9 | 843929.8 | 39.0 | 15.486 | 9.663 | 32.0 | 18.253 | 24.0 | 14.525 | 0.469 | 0.937 | 63.4 | 1.048 | 20.7 | 0.876 | 0.639 | 36.1 | 1.084 |
| 249403.2 | 843929.1 | 39.0 | 15.595 | 9.728 | 32.0 | 18.380 | 23.9 | 14.626 | 0.472 | 0.941 | 63.4 | 1.053 | 21.1 | 0.891 | 0.653 | 36.3 | 1.104 |
| 249402.5 | 843928.4 | 39.1 | 15.702 | 9.792 | 31.9 | 18.506 | 23.8 | 14.726 | 0.474 | 0.945 | 63.4 | 1.057 | 21.6 | 0.905 | 0.668 | 36.4 | 1.125 |
| 249401.8 | 843927.7 | 39.1 | 15.809 | 9.856 | 31.9 | 18.630 | 23.7 | 14.825 | 0.477 | 0.949 | 63.3 | 1.062 | 22.1 | 0.920 | 0.683 | 36.6 | 1.146 |
| 249401.1 | 843926.9 | 39.2 | 15.915 | 9.920 | 31.9 | 18.753 | 23.7 | 14.923 | 0.479 | 0.952 | 63.3 | 1.066 | 22.6 | 0.934 | 0.698 | 36.8 | 1.167 |
| 249400.4 | 843926.2 | 39.2 | 16.019 | 9.983 | 31.9 | 18.875 | 23.6 | 15.021 | 0.482 | 0.956 | 63.3 | 1.070 | 23.0 | 0.949 | 0.715 | 37.0 | 1.188 |
| 249399.7 | 843925.5 | 39.2 | 16.089 | 10.026 | 31.9 | 18.957 | 23.5 | 15.085 | 0.482 | 0.959 | 63.3 | 1.073 | 23.1 | 0.954 | 0.712 | 36.8 | 1.190 |
| 249399.0 | 843924.8 | 39.2 | 16.067 | 10.013 | 31.9 | 18.932 | 23.5 | 15.065 | 0.478 | 0.961 | 63.5 | 1.073 | 21.9 | 0.935 | 0.658 | 35.2 | 1.143 |
| 249398.3 | 843924.1 | 39.2 | 16.157 | 10.068 | 31.9 | 19.037 | 23.4 | 15.149 | 0.480 | 0.964 | 63.5 | 1.077 | 22.3 | 0.945 | 0.671 | 35.4 | 1.159 |
| 249397.6 | 843923.4 | 39.2 | 16.246 | 10.122 | 31.9 | 19.142 | 23.3 | 15.233 | 0.482 | 0.966 | 63.5 | 1.080 | 22.7 | 0.956 | 0.685 | 35.6 | 1.176 |
| 249396.9 | 843922.6 | 39.2 | 16.312 | 10.163 | 31.9 | 19.219 | 23.3 | 15.294 | 0.483 | 0.969 | 63.5 | 1.083 | 22.8 | 0.961 | 0.687 | 35.5 | 1.181 |
| 249396.2 | 843921.9 | 39.3 | 16.393 | 10.212 | 31.9 | 19.313 | 23.2 | 15.369 | 0.485 | 0.971 | 63.5 | 1.086 | 23.1 | 0.970 | 0.698 | 35.8 | 1.195 |
| 249395.5 | 843921.2 | 39.3 | 16.463 | 10.255 | 31.9 | 19.395 | 23.2 | 15.434 | 0.486 | 0.974 | 63.5 | 1.088 | 23.3 | 0.976 | 0.706 | 35.9 | 1.205 |
| 249394.8 | 843920.5 | 39.3 | 16.517 | 10.289 | 31.9 | 19.460 | 23.1 | 15.485 | 0.486 | 0.976 | 63.5 | 1.090 | 23.3 | 0.978 | 0.706 | 35.8 | 1.207 |
| 249394.2 | 843919.8 | 39.3 | 16.570 | 10.322 | 31.9 | 19.522 | 23.1 | 15.535 | 0.487 | 0.978 | 63.5 | 1.092 | 23.4 | 0.981 | 0.707 | 35.8 | 1.209 |
| 249393.5 | 843919.0 | 39.3 | 16.623 | 10.354 | 31.9 | 19.584 | 23.0 | 15.584 | 0.487 | 0.980 | 63.5 | 1.094 | 23.4 | 0.983 | 0.710 | 35.8 | 1.212 |
| 249392.8 | 843918.3 | 39.3 | 16.675 | 10.387 | 31.9 | 19.645 | 23.0 | 15.633 | 0.488 | 0.981 | 63.6 | 1.096 | 23.5 | 0.985 | 0.713 | 35.9 | 1.216 |
| 249392.1 | 843917.6 | 39.4 | 16.726 | 10.419 | 31.9 | 19.706 | 22.9 | 15.682 | 0.489 | 0.983 | 63.6 | 1.097 | 23.6 | 0.987 | 0.719 | 36.1 | 1.221 |
| 249391.4 | 843916.9 | 39.4 | 16.777 | 10.450 | 31.9 | 19.766 | 22.9 | 15.729 | 0.489 | 0.984 | 63.6 | 1.099 | 23.8 | 0.990 | 0.725 | 36.2 | 1.227 |
| 249390.7 | 843916.2 | 39.4 | 16.810 | 10.471 | 31.9 | 19.805 | 22.9 | 15.760 | 0.489 | 0.985 | 63.6 | 1.100 | 23.7 | 0.988 | 0.723 | 36.2 | 1.224 |
| 249390.0 | 843915.5 | 39.4 | 16.826 | 10.483 | 31.9 | 19.825 | 22.8 | 15.776 | 0.488 | 0.986 | 63.7 | 1.100 | 23.4 | 0.982 | 0.713 | 36.0 | 1.213 |
| 249389.3 | 843914.7 | 39.4 | 16.948 | 10.557 | 31.9 | 19.967 | 22.8 | 15.889 | 0.493 | 0.988 | 63.5 | 1.104 | 24.6 | 1.003 | 0.764 | 37.3 | 1.261 |
| 249388.6 | 843914.0 | 39.4 | 16.941 | 10.554 | 31.9 | 19.960 | 22.8 | 15.883 | 0.490 | 0.988 | 63.6 | 1.103 | 24.0 | 0.992 | 0.743 | 36.9 | 1.240 |
| 249387.9 | 843913.3 | 39.4 | 16.933 | 10.551 | 31.9 | 19.951 | 22.8 | 15.877 | 0.488 | 0.989 | 63.7 | 1.103 | 23.5 | 0.981 | 0.724 | 36.4 | 1.219 |
| 249387.2 | 843912.6 | 39.4 | 16.928 | 10.548 | 31.9 | 19.946 | 22.7 | 15.872 | 0.486 | 0.989 | 63.8 | 1.102 | 23.1 | 0.970 | 0.707 | 36.1 | 1.201 |
| 249386.5 | 843911.9 | 39.4 | 16.923 | 10.547 | 31.9 | 19.941 | 22.7 | 15.868 | 0.484 | 0.989 | 63.9 | 1.102 | 22.7 | 0.961 | 0.692 | 35.7 | 1.184 |
| 249385.8 | 843911.1 | 39.4 | 16.927 | 10.551 | 31.9 | 19.946 | 22.7 | 15.873 | 0.483 | 0.990 | 64.0 | 1.101 | 22.4 | 0.954 | 0.683 | 35.6 | 1.173 |
| 249385.1 | 843910.4 | 39.4 | 16.967 | 10.576 | 31.9 | 19.993 | 22.7 | 15.910 | 0.483 | 0.990 | 64.0 | 1.102 | 22.6 | 0.956 | 0.695 | 36.0 | 1.181 |
| 249384.4 | 843909.7 | 39.4 | 17.005 | 10.600 | 31.9 | 20.038 | 22.7 | 15.945 | 0.484 | 0.991 | 64.0 | 1.103 | 22.8 | 0.958 | 0.707 | 36.5 | 1.190 |
| 249383.7 | 843909.0 | 39.4 | 17.041 | 10.623 | 31.9 | 20.081 | 22.6 | 15.980 | 0.485 | 0.991 | 63.9 | 1.104 | 23.1 | 0.959 | 0.720 | 36.9 | 1.200 |
| 249383.0 | 843908.3 | 39.4 | 17.067 | 10.640 | 31.9 | 20.112 | 22.6 | 16.005 | 0.485 | 0.992 | 64.0 | 1.104 | 23.2 | 0.959 | 0.728 | 37.2 | 1.204 |
| 249382.3 | 843907.6 | 39.4 | 17.047 | 10.629 | 31.9 | 20.089 | 22.6 | 15.986 | 0.482 | 0.992 | 64.1 | 1.103 | 22.7 | 0.947 | 0.710 | 36.9 | 1.184 |
| 249381.6 | 843906.8 | 39.4 | 17.025 | 10.617 | 31.9 | 20.064 | 22.6 | 15.966 | 0.480 | 0.992 | 64.2 | 1.102 | 22.2 | 0.935 | 0.692 | 36.5 | 1.164 |
| 249380.9 | 843906.1 | 39.4 | 17.005 | 10.606 | 32.0 | 20.042 | 22.6 | 15.949 | 0.478 | 0.991 | 64.3 | 1.101 | 21.8 | 0.924 | 0.677 | 36.2 | 1.145 |
| 249380.2 | 843905.4 | 39.4 | 16.999 | 10.604 | 32.0 | 20.035 | 22.6 | 15.944 | 0.476 | 0.991 | 64.3 | 1.100 | 21.5 | 0.917 | 0.669 | 36.1 | 1.135 |
| 249379.5 | 843904.7 | 39.3 | 16.992 | 10.601 | 32.0 | 20.027 | 22.6 | 15.937 | 0.475 | 0.991 | 64.4 | 1.099 | 21.3 | 0.909 | 0.662 | 36.1 | 1.125 |
| 249378.8 | 843904.0 | 39.3 | 16.983 | 10.597 | 32.0 | 20.018 | 22.6 | 15.930 | 0.474 | 0.991 | 64.5 | 1.099 | 21.0 | 0.902 | 0.655 | 36.0 | 1.114 |
| 249378.1 | 843903.2 | 39.4 | 17.014 | 10.616 | 32.0 | 20.054 | 22.6 | 15.959 | 0.474 | 0.992 | 64.4 | 1.099 | 21.3 | 0.904 | 0.670 | 36.6 | 1.126 |
| 249377.4 | 843902.5 | 39.4 | 17.147 | 10.698 | 32.0 | 20.210 | 22.5 | 16.083 | 0.481 | 0.993 | 64.2 | 1.103 | 23.0 | 0.933 | 0.745 | 38.6 | 1.194 |
| 249376.8 | 843901.8 | 39.5 | 17.238 | 10.754 | 32.0 | 20.318 | 22.4 | 16.168 | 0.485 | 0.994 | 64.0 | 1.106 | 24.1 | 0.950 | 0.797 | 40.0 | 1.240 |
| 249376.1 | 843901.1 | 39.5 | 17.240 | 10.756 | 32.0 | 20.320 | 22.4 | 16.170 | 0.485 | 0.994 | 64.0 | 1.106 | 24.1 | 0.946 | 0.797 | 40.1 | 1.237 |
| 249375.4 | 843900.4 | 39.5 | 17.236 | 10.755 | 32.0 | 20.317 | 22.4 | 16.167 | 0.484 | 0.994 | 64.0 | 1.105 | 24.0 | 0.941 | 0.796 | 40.2 | 1.233 |
| 249374.7 | 843899.7 | 39.5 | 17.231 | 10.753 | 32.0 | 20.311 | 22.4 | 16.163 | 0.483 | 0.994 | 64.1 | 1.105 | 23.9 | 0.935 | 0.794 | 40.3 | 1.227 |
| 249374.0 | 843898.9 | 39.5 | 17.225 | 10.750 | 32.0 | 20.304 | 22.4 | 16.157 | 0.482 | 0.993 | 64.1 | 1.104 | 23.8 | 0.930 | 0.792 | 40.4 | 1.222 |
| 249373.3 | 843898.2 | 39.5 | 17.217 | 10.747 | 32.0 | 20.296 | 22.4 | 16.151 | 0.481 | 0.993 | 64.1 | 1.104 | 23.7 | 0.924 | 0.790 | 40.5 | 1.216 |
| 249372.6 | 843897.5 | 39.5 | 17.209 | 10.743 | 32.0 | 20.287 | 22.4 | 16.144 | 0.480 | 0.993 | 64.2 | 1.103 | 23.6 | 0.919 | 0.788 | 40.6 | 1.211 |
| 249371.9 | 843896.8 | 39.5 | 17.200 | 10.739 | 32.0 | 20.277 | 22.4 | 16.136 | 0.480 | 0.993 | 64.2 | 1.103 | 23.5 | 0.913 | 0.786 | 40.7 | 1.205 |
| 249371.2 | 843896.1 | 39.5 | 17.187 | 10.732 | 32.0 | 20.262 | 22.4 | 16.124 | 0.479 | 0.992 | 64.3 | 1.102 | 23.4 | 0.907 | 0.782 | 40.8 | 1.198 |
| 249370.5 | 843895.4 | 39.5 | 17.162 | 10.718 | 32.0 | 20.234 | 22.4 | 16.102 | 0.477 | 0.992 | 64.3 | 1.101 | 23.1 | 0.899 | 0.772 | 40.7 | 1.185 |
| 249369.8 | 843894.6 | 39.5 | 17.150 | 10.712 | 32.0 | 20.220 | 22.4 | 16.091 | 0.476 | 0.992 | 64.4 | 1.100 | 23.0 | 0.894 | 0.769 | 40.7 | 1.179 |
| 249369.1 | 843893.9 | 39.5 | 17.142 | 10.708 | 32.0 | 20.212 | 22.4 | 16.084 | 0.476 | 0.992 | 64.4 | 1.100 | 23.0 | 0.891 | 0.769 | 40.8 | 1.177 |
| 249368.4 | 843893.2 | 39.5 | 17.134 | 10.704 | 32.0 | 20.203 | 22.4 | 16.077 | 0.475 | 0.991 | 64.4 | 1.099 | 23.0 | 0.888 | 0.769 | 40.9 | 1.175 |
| 249367.7 | 843892.5 | 39.5 | 17.124 | 10.700 | 32.0 | 20.192 | 22.4 | 16.068 | 0.474 | 0.991 | 64.4 | 1.099 | 23.0 | 0.886 | 0.768 | 40.9 | 1.172 |
| 249367.0 | 843891.8 | 39.5 | 17.114 | 10.694 | 32.0 | 20.180 | 22.4 | 16.059 | 0.473 | 0.991 | 64.5 | 1.098 | 23.0 | 0.884 | 0.767 | 41.0 | 1.170 |
| 249366.3 | 843891.0 | 39.5 | 17.102 | 10.688 | 32.0 | 20.167 | 22.4 | 16.048 | 0.472 | 0.991 | 64.5 | 1.098 | 22.9 | 0.882 | 0.765 | 40.9 | 1.168 |
| 249365.6 | 843890.3 | 39.5 | 17.089 | 10.681 | 32.0 | 20.152 | 22.4 | 16.037 | 0.471 | 0.991 | 64.5 | 1.097 | 22.9 | 0.882 | 0.763 | 40.9 | 1.166 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249364.9 | 843889.6 | 39.5 | 17.075 | 10.674 | 32.0 | 20.136 | 22.4 | 16.024 | 0.470 | 0.990 | 64.6 | 1.096 | 22.8 | 0.882 | 0.760 | 40.8 | 1.164 |
| 249364.2 | 843888.9 | 39.5 | 17.054 | 10.662 | 32.0 | 20.112 | 22.4 | 16.005 | 0.469 | 0.990 | 64.7 | 1.096 | 22.7 | 0.881 | 0.754 | 40.6 | 1.159 |
| 249363.5 | 843888.2 | 39.5 | 17.030 | 10.649 | 32.0 | 20.085 | 22.4 | 15.983 | 0.467 | 0.990 | 64.7 | 1.095 | 22.6 | 0.880 | 0.746 | 40.3 | 1.154 |
| 249362.8 | 843887.5 | 39.5 | 17.006 | 10.635 | 32.0 | 20.057 | 22.4 | 15.961 | 0.465 | 0.990 | 64.8 | 1.094 | 22.4 | 0.880 | 0.738 | 40.0 | 1.148 |
| 249362.1 | 843886.7 | 39.5 | 16.980 | 10.620 | 32.0 | 20.027 | 22.4 | 15.937 | 0.463 | 0.990 | 64.9 | 1.093 | 22.3 | 0.881 | 0.729 | 39.6 | 1.143 |
| 249361.4 | 843886.0 | 39.5 | 16.953 | 10.605 | 32.0 | 19.997 | 22.4 | 15.913 | 0.461 | 0.990 | 65.0 | 1.092 | 22.1 | 0.882 | 0.719 | 39.2 | 1.138 |
| 249360.7 | 843885.3 | 39.5 | 16.925 | 10.589 | 32.0 | 19.964 | 22.4 | 15.887 | 0.459 | 0.990 | 65.1 | 1.091 | 22.0 | 0.884 | 0.710 | 38.8 | 1.134 |
| 249360.0 | 843884.6 | 39.5 | 16.896 | 10.572 | 32.0 | 19.931 | 22.4 | 15.861 | 0.457 | 0.989 | 65.2 | 1.090 | 21.8 | 0.887 | 0.700 | 38.3 | 1.130 |
| 249359.4 | 843883.9 | 39.5 | 16.866 | 10.555 | 32.0 | 19.897 | 22.4 | 15.833 | 0.455 | 0.989 | 65.3 | 1.089 | 21.6 | 0.889 | 0.690 | 37.8 | 1.126 |
| 249358.7 | 843883.1 | 39.5 | 16.835 | 10.537 | 32.0 | 19.861 | 22.4 | 15.805 | 0.452 | 0.989 | 65.4 | 1.087 | 21.5 | 0.892 | 0.680 | 37.3 | 1.122 |
| 249358.0 | 843882.4 | 39.5 | 16.839 | 10.540 | 32.0 | 19.865 | 22.4 | 15.808 | 0.452 | 0.989 | 65.4 | 1.087 | 21.8 | 0.904 | 0.691 | 37.4 | 1.138 |
| 249357.3 | 843881.7 | 39.5 | 16.842 | 10.543 | 32.0 | 19.869 | 22.4 | 15.811 | 0.452 | 0.989 | 65.5 | 1.087 | 22.1 | 0.917 | 0.702 | 37.4 | 1.154 |
| 249356.6 | 843881.0 | 39.5 | 16.801 | 10.519 | 32.1 | 19.822 | 22.4 | 15.774 | 0.449 | 0.988 | 65.6 | 1.085 | 21.8 | 0.919 | 0.688 | 36.8 | 1.148 |
| 249355.9 | 843880.3 | 39.5 | 16.735 | 10.480 | 32.1 | 19.745 | 22.5 | 15.713 | 0.445 | 0.987 | 65.8 | 1.083 | 21.3 | 0.915 | 0.661 | 35.8 | 1.129 |
| 249355.2 | 843879.6 | 39.5 | 16.703 | 10.461 | 32.1 | 19.709 | 22.5 | 15.684 | 0.443 | 0.987 | 65.8 | 1.081 | 21.2 | 0.920 | 0.654 | 35.4 | 1.129 |
| 249354.5 | 843878.8 | 39.5 | 16.670 | 10.442 | 32.1 | 19.671 | 22.5 | 15.654 | 0.441 | 0.986 | 65.9 | 1.080 | 21.1 | 0.924 | 0.648 | 35.0 | 1.129 |
| 249353.8 | 843878.1 | 39.5 | 16.645 | 10.428 | 32.1 | 19.642 | 22.5 | 15.631 | 0.439 | 0.985 | 66.0 | 1.079 | 21.1 | 0.931 | 0.648 | 34.8 | 1.134 |
| 249353.1 | 843877.4 | 39.5 | 16.632 | 10.420 | 32.1 | 19.627 | 22.5 | 15.618 | 0.438 | 0.984 | 66.0 | 1.077 | 21.3 | 0.940 | 0.655 | 34.9 | 1.145 |
| 249352.4 | 843876.7 | 39.5 | 16.617 | 10.412 | 32.1 | 19.610 | 22.5 | 15.605 | 0.438 | 0.983 | 66.0 | 1.076 | 21.5 | 0.948 | 0.663 | 35.0 | 1.157 |
| 249351.7 | 843876.0 | 39.5 | 16.602 | 10.403 | 32.1 | 19.592 | 22.5 | 15.591 | 0.437 | 0.982 | 66.0 | 1.075 | 21.7 | 0.956 | 0.672 | 35.1 | 1.169 |
| 249351.0 | 843875.2 | 39.5 | 16.575 | 10.388 | 32.1 | 19.561 | 22.5 | 15.566 | 0.436 | 0.981 | 66.0 | 1.073 | 21.8 | 0.962 | 0.675 | 35.1 | 1.175 |
| 249350.3 | 843874.5 | 39.5 | 16.534 | 10.364 | 32.1 | 19.514 | 22.5 | 15.529 | 0.434 | 0.979 | 66.1 | 1.071 | 21.7 | 0.963 | 0.671 | 34.9 | 1.174 |
| 249349.6 | 843873.8 | 39.5 | 16.493 | 10.340 | 32.1 | 19.466 | 22.5 | 15.491 | 0.432 | 0.978 | 66.1 | 1.069 | 21.7 | 0.965 | 0.668 | 34.7 | 1.173 |
| 249348.9 | 843873.1 | 39.5 | 16.451 | 10.315 | 32.1 | 19.417 | 22.5 | 15.452 | 0.431 | 0.976 | 66.2 | 1.067 | 21.6 | 0.966 | 0.665 | 34.5 | 1.172 |
| 249348.2 | 843872.4 | 39.5 | 16.408 | 10.289 | 32.1 | 19.367 | 22.6 | 15.412 | 0.429 | 0.974 | 66.2 | 1.064 | 21.5 | 0.966 | 0.662 | 34.4 | 1.171 |
| 249347.5 | 843871.7 | 39.5 | 16.364 | 10.263 | 32.1 | 19.316 | 22.6 | 15.371 | 0.427 | 0.972 | 66.3 | 1.062 | 21.5 | 0.966 | 0.660 | 34.4 | 1.170 |
| 249346.8 | 843870.9 | 39.5 | 16.319 | 10.236 | 32.1 | 19.263 | 22.6 | 15.329 | 0.426 | 0.970 | 66.3 | 1.060 | 21.4 | 0.965 | 0.659 | 34.3 | 1.168 |
| 249346.1 | 843870.2 | 39.5 | 16.273 | 10.209 | 32.1 | 19.211 | 22.6 | 15.287 | 0.424 | 0.968 | 66.3 | 1.057 | 21.4 | 0.964 | 0.657 | 34.3 | 1.167 |
| 249345.4 | 843869.5 | 39.5 | 16.229 | 10.183 | 32.1 | 19.160 | 22.6 | 15.247 | 0.423 | 0.966 | 66.4 | 1.055 | 21.3 | 0.963 | 0.658 | 34.3 | 1.166 |
| 249344.7 | 843868.8 | 39.5 | 16.186 | 10.158 | 32.1 | 19.109 | 22.6 | 15.207 | 0.422 | 0.964 | 66.4 | 1.052 | 21.3 | 0.961 | 0.659 | 34.4 | 1.165 |
| 249344.0 | 843868.1 | 39.5 | 16.142 | 10.131 | 32.1 | 19.058 | 22.6 | 15.166 | 0.420 | 0.962 | 66.4 | 1.050 | 21.3 | 0.959 | 0.661 | 34.6 | 1.165 |
| 249343.3 | 843867.3 | 39.5 | 16.099 | 10.106 | 32.1 | 19.008 | 22.7 | 15.126 | 0.419 | 0.960 | 66.4 | 1.048 | 21.3 | 0.957 | 0.663 | 34.7 | 1.165 |
| 249342.6 | 843866.6 | 39.6 | 16.067 | 10.087 | 32.1 | 18.971 | 22.7 | 15.097 | 0.419 | 0.958 | 66.4 | 1.046 | 21.5 | 0.958 | 0.673 | 35.1 | 1.171 |
| 249342.0 | 843865.9 | 39.6 | 16.035 | 10.068 | 32.1 | 18.934 | 22.7 | 15.067 | 0.419 | 0.956 | 66.3 | 1.044 | 21.7 | 0.958 | 0.683 | 35.5 | 1.176 |
| 249341.3 | 843865.2 | 39.6 | 16.001 | 10.048 | 32.1 | 18.895 | 22.7 | 15.036 | 0.418 | 0.954 | 66.3 | 1.042 | 21.9 | 0.957 | 0.693 | 35.9 | 1.181 |
| 249340.6 | 843864.5 | 39.6 | 15.967 | 10.028 | 32.1 | 18.854 | 22.7 | 15.004 | 0.418 | 0.952 | 66.3 | 1.040 | 22.0 | 0.956 | 0.702 | 36.3 | 1.186 |
| 249339.9 | 843863.8 | 39.6 | 15.931 | 10.006 | 32.1 | 18.813 | 22.7 | 14.971 | 0.418 | 0.950 | 66.3 | 1.038 | 22.2 | 0.954 | 0.711 | 36.7 | 1.190 |
| 249339.2 | 843863.0 | 39.6 | 15.895 | 9.985 | 32.1 | 18.771 | 22.7 | 14.937 | 0.417 | 0.948 | 66.2 | 1.036 | 22.3 | 0.953 | 0.720 | 37.1 | 1.194 |
| 249338.5 | 843862.3 | 39.6 | 15.785 | 9.918 | 32.1 | 18.642 | 22.8 | 14.835 | 0.413 | 0.945 | 66.4 | 1.031 | 21.5 | 0.933 | 0.684 | 36.2 | 1.157 |
| 249337.8 | 843861.6 | 39.5 | 15.667 | 9.847 | 32.1 | 18.505 | 22.8 | 14.726 | 0.408 | 0.942 | 66.6 | 1.027 | 20.5 | 0.912 | 0.643 | 35.2 | 1.116 |
| 249337.1 | 843860.9 | 39.5 | 15.550 | 9.776 | 32.2 | 18.367 | 22.9 | 14.616 | 0.403 | 0.939 | 66.8 | 1.022 | 19.5 | 0.891 | 0.602 | 34.1 | 1.075 |
| 249336.4 | 843860.2 | 39.5 | 15.490 | 9.740 | 32.2 | 18.298 | 22.9 | 14.561 | 0.401 | 0.937 | 66.8 | 1.020 | 19.3 | 0.884 | 0.597 | 34.0 | 1.066 |
| 249335.7 | 843859.4 | 39.5 | 15.471 | 9.729 | 32.2 | 18.276 | 22.9 | 14.544 | 0.402 | 0.935 | 66.7 | 1.018 | 19.7 | 0.886 | 0.617 | 34.8 | 1.080 |
| 249335.0 | 843858.7 | 39.5 | 15.451 | 9.717 | 32.2 | 18.253 | 22.9 | 14.525 | 0.403 | 0.934 | 66.7 | 1.017 | 20.1 | 0.889 | 0.636 | 35.6 | 1.093 |
| 249334.3 | 843858.0 | 39.6 | 15.431 | 9.705 | 32.2 | 18.229 | 22.9 | 14.506 | 0.403 | 0.932 | 66.6 | 1.015 | 20.5 | 0.891 | 0.654 | 36.3 | 1.106 |
| 249333.6 | 843857.3 | 39.6 | 15.378 | 9.673 | 32.2 | 18.168 | 22.9 | 14.457 | 0.402 | 0.929 | 66.6 | 1.012 | 20.6 | 0.882 | 0.646 | 36.2 | 1.093 |
| 249332.9 | 843856.6 | 39.6 | 15.329 | 9.643 | 32.2 | 18.110 | 22.9 | 14.411 | 0.401 | 0.927 | 66.6 | 1.010 | 20.6 | 0.878 | 0.647 | 36.4 | 1.091 |
| 249332.2 | 843855.9 | 39.6 | 15.279 | 9.613 | 32.2 | 18.051 | 23.0 | 14.365 | 0.400 | 0.925 | 66.6 | 1.007 | 20.6 | 0.875 | 0.647 | 36.5 | 1.088 |
| 249331.5 | 843855.1 | 39.6 | 15.227 | 9.582 | 32.2 | 17.991 | 23.0 | 14.317 | 0.398 | 0.923 | 66.7 | 1.005 | 20.6 | 0.872 | 0.646 | 36.5 | 1.085 |
| 249330.8 | 843854.4 | 39.6 | 15.176 | 9.551 | 32.2 | 17.931 | 23.0 | 14.269 | 0.397 | 0.921 | 66.7 | 1.003 | 20.5 | 0.870 | 0.645 | 36.5 | 1.083 |
| 249330.1 | 843853.7 | 39.6 | 15.123 | 9.519 | 32.2 | 17.869 | 23.0 | 14.220 | 0.395 | 0.919 | 66.7 | 1.000 | 20.5 | 0.868 | 0.643 | 36.5 | 1.080 |
| 249329.4 | 843853.0 | 39.6 | 15.070 | 9.486 | 32.2 | 17.807 | 23.0 | 14.170 | 0.394 | 0.917 | 66.8 | 0.998 | 20.4 | 0.866 | 0.640 | 36.5 | 1.077 |
| 249328.7 | 843852.3 | 39.6 | 15.017 | 9.454 | 32.2 | 17.745 | 23.1 | 14.121 | 0.392 | 0.915 | 66.8 | 0.996 | 20.4 | 0.865 | 0.638 | 36.4 | 1.074 |
| 249328.0 | 843851.6 | 39.6 | 14.948 | 9.412 | 32.2 | 17.664 | 23.1 | 14.057 | 0.390 | 0.913 | 66.9 | 0.993 | 20.1 | 0.860 | 0.625 | 36.0 | 1.063 |
| 249327.3 | 843850.8 | 39.6 | 14.875 | 9.368 | 32.2 | 17.579 | 23.1 | 13.989 | 0.387 | 0.911 | 67.0 | 0.990 | 19.8 | 0.855 | 0.610 | 35.5 | 1.050 |
| 249326.6 | 843850.1 | 39.6 | 14.801 | 9.323 | 32.2 | 17.493 | 23.1 | 13.920 | 0.384 | 0.909 | 67.1 | 0.987 | 19.4 | 0.851 | 0.594 | 34.9 | 1.038 |
| 249325.9 | 843849.4 | 39.6 | 14.727 | 9.278 | 32.2 | 17.406 | 23.2 | 13.851 | 0.382 | 0.907 | 67.2 | 0.984 | 19.1 | 0.847 | 0.578 | 34.3 | 1.025 |
| 249325.2 | 843848.7 | 39.6 | 14.659 | 9.236 | 32.2 | 17.326 | 23.2 | 13.788 | 0.379 | 0.905 | 67.3 | 0.981 | 18.9 | 0.845 | 0.565 | 33.8 | 1.017 |
| 249324.6 | 843848.0 | 39.6 | 14.621 | 9.213 | 32.2 | 17.282 | 23.2 | 13.753 | 0.378 | 0.904 | 67.3 | 0.979 | 19.1 | 0.851 | 0.573 | 33.9 | 1.025 |
| 249323.9 | 843847.2 | 39.7 | 14.588 | 9.193 | 32.2 | 17.243 | 23.2 | 13.722 | 0.378 | 0.902 | 67.3 | 0.978 | 19.4 | 0.858 | 0.583 | 34.2 | 1.037 |
| 249323.2 | 843846.5 | 39.7 | 14.554 | 9.173 | 32.2 | 17.203 | 23.2 | 13.690 | 0.377 | 0.900 | 67.3 | 0.976 | 19.6 | 0.865 | 0.593 | 34.4 | 1.049 |
| 249322.5 | 843845.8 | 39.7 | 14.519 | 9.152 | 32.2 | 17.163 | 23.2 | 13.658 | 0.376 | 0.898 | 67.3 | 0.974 | 19.9 | 0.873 | 0.603 | 34.6 | 1.061 |
| 249321.8 | 843845.1 | 39.7 | 14.484 | 9.130 | 32.2 | 17.121 | 23.3 | 13.624 | 0.376 | 0.896 | 67.3 | 0.972 | 20.2 | 0.881 | 0.613 | 34.8 | 1.073 |
| 249321.1 | 843844.4 | 39.8 | 14.447 | 9.108 | 32.2 | 17.078 | 23.3 | 13.591 | 0.375 | 0.894 | 67.2 | 0.970 | 20.4 | 0.889 | 0.622 | 35.0 | 1.085 |
| 249320.4 | 843843.7 | 39.8 | 14.410 | 9.085 | 32.2 | 17.035 | 23.3 | 13.556 | 0.375 | 0.892 | 67.2 | 0.968 | 20.7 | 0.897 | 0.632 | 35.2 | 1.097 |
| 249319.7 | 843842.9 | 39.8 | 14.372 | 9.062 | 32.2 | 16.990 | 23.3 | 13.520 | 0.374 | 0.890 | 67.2 | 0.966 | 21.0 | 0.905 | 0.641 | 35.3 | 1.109 |
| 249319.0 | 843842.2 | 39.8 | 14.333 | 9.038 | 32.2 | 16.945 | 23.3 | 13.484 | 0.373 | 0.888 | 67.2 | 0.963 | 21.2 | 0.913 | 0.651 | 35.5 | 1.121 |
| 249318.3 | 843841.5 | 39.9 | 14.292 | 9.013 | 32.2 | 16.897 | 23.3 | 13.446 | 0.372 | 0.886 | 67.2 | 0.961 | 21.5 | 0.921 | 0.659 | 35.6 | 1.132 |
| 249317.6 | 843840.8 | 39.9 | 14.246 | 8.985 | 32.2 | 16.843 | 23.3 | 13.403 | 0.371 | 0.884 | 67.2 | 0.958 | 21.6 | 0.927 | 0.664 | 35.6 | 1.141 |
| 249316.9 | 843840.1 | 39.9 | 14.180 | 8.945 | 32.2 | 16.766 | 23.4 | 13.342 | 0.369 | 0.881 | 67.3 | 0.955 | 21.5 | 0.929 | 0.657 | 35.3 | 1.138 |
| 249316.2 | 843839.3 | 39.9 | 14.097 | 8.893 | 32.2 | 16.668 | 23.4 | 13.264 | 0.366 | 0.878 | 67.4 | 0.951 | 21.1 | 0.928 | 0.639 | 34.6 | 1.126 |
| 249315.5 | 843838.6 | 39.9 | 14.014 | 8.842 | 32.3 | 16.570 | 23.4 | 13.186 | 0.363 | 0.875 | 67.5 | 0.947 | 20.7 | 0.926 | 0.621 | 33.9 | 1.115 |
| 249314.8 | 843837.9 | 39.9 | 13.945 | 8.800 | 32.3 | 16.489 | 23.4 | 13.122 | 0.361 | 0.872 | 67.5 | 0.944 | 20.6 | 0.927 | 0.613 | 33.4 | 1.111 |
| 249314.1 | 843837.2 | 39.9 | 13.875 | 8.757 | 32.3 | 16.407 | 23.5 | 13.056 | 0.358 | 0.869 | 67.6 | 0.940 | 20.4 | 0.929 | 0.604 | 33.0 | 1.108 |
| 249313.4 | 843836.5 | 39.9 | 13.805 | 8.714 | 32.3 | 16.325 | 23.5 | 12.991 | 0.356 | 0.866 | 67.7 | 0.937 | 20.2 | 0.931 | 0.595 | 32.6 | 1.105 |
| 249312.7 | 843835.8 | 39.9 | 13.734 | 8.671 | 32.3 | 16.242 | 23.5 | 12.925 | 0.354 | 0.864 | 67.7 | 0.933 | 20.0 | 0.933 | 0.585 | 32.1 | 1.101 |
| 249312.0 | 843835.0 | 39.9 | 13.669 | 8.631 | 32.3 | 16.166 | 23.6 | 12.865 | 0.352 | 0.861 | 67.8 | 0.930 | 19.9 | 0.936 | 0.579 | 31.8 | 1.101 |
| 249311.3 | 843834.3 | 39.9 | 13.618 | 8.599 | 32.3 | 16.106 | 23.6 | 12.817 | 0.350 | 0.858 | 67.8 | 0.927 | 20.0 | 0.943 | 0.582 | 31.7 | 1.108 |
| 249310.6 | 843833.6 | 40.0 | 13.566 | 8.567 | 32.3 | 16.045 | 23.6 | 12.768 | 0.349 | 0.855 | 67.8 | 0.924 | 20.0 | 0.950 | 0.585 | 31.6 | 1.116 |
| 249309.9 | 843832.9 | 40.0 | 13.514 | 8.535 | 32.3 | 15.983 | 23.6 | 12.719 | 0.348 | 0.852 | 67.8 | 0.921 | 20.1 | 0.957 | 0.587 | 31.5 | 1.122 |
| 249309.2 | 843832.2 | 40.0 | 13.461 | 8.502 | 32.3 | 15.921 | 23.6 | 12.670 | 0.346 | 0.850 | 67.8 | 0.917 | 20.1 | 0.964 | 0.588 | 31.4 | 1.129 |
| 249308.5 | 843831.4 | 40.0 | 13.407 | 8.469 | 32.3 | 15.858 | 23.7 | 12.620 | 0.344 | 0.847 | 67.9 | 0.914 | 20.1 | 0.971 | 0.588 | 31.2 | 1.135 |
| 249307.8 | 843830.7 | 40.0 | 13.353 | 8.436 | 32.3 | 15.795 | 23.7 | 12.569 | 0.343 | 0.844 | 67.9 | 0.911 | 20.1 | 0.978 | 0.587 | 31.0 | 1.141 |
| 249307.2 | 843830.0 | 40.1 | 13.299 | 8.402 | 32.3 | 15.730 | 23.7 | 12.518 | 0.341 | 0.842 | 68.0 | 0.908 | 20.0 | 0.986 | 0.585 | 30.7 | 1.146 |
| 249306.5 | 843829.3 | 40.1 | 13.228 | 8.358 | 32.3 | 15.647 | 23.7 | 12.452 | 0.338 | 0.839 | 68.1 | 0.904 | 19.7 | 0.989 | 0.571 | 30.0 | 1.142 |
| 249305.8 | 843828.6 | 40.1 | 13.180 | 8.329 | 32.3 | 15.591 | 23.7 | 12.407 | 0.336 | 0.836 | 68.1 | 0.901 | 19.7 | 0.999 | 0.572 | 29.8 | 1.151 |
| 249305.1 | 843827.9 | 40.1 | 13.114 | 8.288 | 32.3 | 15.514 | 23.8 | 12.345 | 0.333 | 0.834 | 68.2 | 0.898 | 19.4 | 1.004 | 0.559 | 29.1 | 1.149 |

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| 249304.4 | 843827.1 | 40.1 | 13.048 | 8.247 | 32.3 | 15.436 | 23.8 | 12.283 | 0.330 | 0.831 | 68.3 | 0.894 | 19.0 | 1.009 | 0.544 | 28.3 | 1.147 |
| 249303.7 | 843826.4 | 40.1 | 12.981 | 8.206 | 32.3 | 15.357 | 23.8 | 12.221 | 0.327 | 0.829 | 68.5 | 0.891 | 18.6 | 1.015 | 0.528 | 27.5 | 1.144 |
| 249303.0 | 843825.7 | 40.2 | 12.914 | 8.164 | 32.3 | 15.278 | 23.8 | 12.158 | 0.323 | 0.827 | 68.6 | 0.887 | 18.2 | 1.020 | 0.510 | 26.5 | 1.140 |
| 249302.3 | 843825.0 | 40.2 | 12.846 | 8.122 | 32.3 | 15.199 | 23.9 | 12.095 | 0.319 | 0.824 | 68.8 | 0.884 | 17.7 | 1.026 | 0.489 | 25.5 | 1.136 |
| 249301.6 | 843824.3 | 40.1 | 12.737 | 8.054 | 32.3 | 15.069 | 23.9 | 11.992 | 0.313 | 0.822 | 69.1 | 0.880 | 16.5 | 1.021 | 0.437 | 23.2 | 1.111 |
| 249300.9 | 843823.5 | 40.1 | 12.606 | 7.973 | 32.3 | 14.916 | 24.0 | 11.869 | 0.306 | 0.820 | 69.5 | 0.875 | 14.9 | 1.011 | 0.368 | 20.0 | 1.076 |
| 249300.2 | 843822.8 | 40.1 | 12.482 | 7.896 | 32.3 | 14.769 | 24.0 | 11.753 | 0.299 | 0.817 | 69.9 | 0.871 | 13.3 | 1.002 | 0.300 | 16.7 | 1.046 |
| 249299.5 | 843822.1 | 40.3 | 12.639 | 7.993 | 32.3 | 14.954 | 23.9 | 11.900 | 0.305 | 0.818 | 69.5 | 0.873 | 16.2 | 1.061 | 0.427 | 21.9 | 1.144 |
| 249298.8 | 843821.4 | 40.7 | 13.012 | 8.225 | 32.3 | 15.394 | 23.8 | 12.250 | 0.325 | 0.823 | 68.4 | 0.885 | 22.3 | 1.166 | 0.695 | 30.8 | 1.358 |
| 249298.1 | 843820.7 | 40.6 | 12.875 | 8.140 | 32.3 | 15.232 | 23.8 | 12.121 | 0.315 | 0.821 | 69.0 | 0.879 | 20.4 | 1.152 | 0.613 | 28.0 | 1.305 |
| 249297.4 | 843820.0 | 40.4 | 12.514 | 7.916 | 32.3 | 14.808 | 24.0 | 11.784 | 0.293 | 0.817 | 70.3 | 0.868 | 14.8 | 1.087 | 0.372 | 18.9 | 1.149 |
| 249296.7 | 843819.2 | 40.3 | 12.270 | 7.764 | 32.3 | 14.520 | 24.1 | 11.555 | 0.280 | 0.816 | 71.0 | 0.862 | 10.9 | 1.046 | 0.203 | 11.0 | 1.065 |
| 249296.0 | 843818.5 | 40.2 | 12.108 | 7.664 | 32.3 | 14.330 | 24.2 | 11.403 | 0.272 | 0.815 | 71.6 | 0.859 | 8.1 | 1.022 | 0.086 | 4.8 | 1.026 |
| 249295.3 | 843817.8 | 40.0 | 11.794 | 7.468 | 32.3 | 13.960 | 24.3 | 11.109 | 0.262 | 0.815 | 72.2 | 0.856 | 2.5 | 0.960 | -0.150 | -8.9 | 0.972 |
| 249294.6 | 843817.1 | 40.0 | 11.719 | 7.421 | 32.3 | 13.872 | 24.3 | 11.039 | 0.258 | 0.817 | 72.5 | 0.857 | 0.9 | 0.952 | -0.215 | -12.8 | 0.976 |
| 249293.9 | 843816.4 | 40.3 | 11.960 | 7.571 | 32.3 | 14.155 | 24.2 | 11.264 | 0.259 | 0.821 | 72.5 | 0.861 | 4.5 | 1.013 | -0.049 | -2.8 | 1.014 |
| 249293.2 | 843815.6 | 40.3 | 11.900 | 7.534 | 32.3 | 14.085 | 24.2 | 11.208 | 0.255 | 0.823 | 72.8 | 0.862 | 2.9 | 1.000 | -0.111 | -6.4 | 1.006 |
| 249292.5 | 843814.9 | 40.3 | 11.843 | 7.498 | 32.3 | 14.017 | 24.2 | 11.154 | 0.253 | 0.827 | 73.0 | 0.865 | 1.4 | 0.983 | -0.177 | -10.2 | 0.999 |
| 249291.8 | 843814.2 | 40.4 | 11.804 | 7.473 | 32.3 | 13.971 | 24.3 | 11.118 | 0.251 | 0.831 | 73.2 | 0.868 | 1.3 | 0.965 | -0.234 | -13.6 | 0.993 |
| 249291.1 | 843813.5 | 40.5 | 11.869 | 7.514 | 32.3 | 14.047 | 24.2 | 11.179 | 0.251 | 0.836 | 73.3 | 0.873 | 1.8 | 0.964 | -0.218 | -12.7 | 0.989 |
| 249290.4 | 843812.8 | 40.7 | 11.977 | 7.581 | 32.3 | 14.175 | 24.2 | 11.280 | 0.252 | 0.841 | 73.3 | 0.878 | 2.3 | 0.966 | -0.175 | -10.3 | 0.982 |
| 249289.8 | 843812.1 | 40.9 | 12.085 | 7.648 | 32.3 | 14.302 | 24.1 | 11.381 | 0.254 | 0.847 | 73.3 | 0.884 | 2.9 | 0.960 | -0.137 | -8.1 | 0.970 |
| 249289.1 | 843811.3 | 40.9 | 12.047 | 7.624 | 32.3 | 14.257 | 24.1 | 11.345 | 0.256 | 0.853 | 73.3 | 0.890 | 4.0 | 0.916 | -0.213 | -13.1 | 0.940 |
| 249288.4 | 843810.6 | 40.9 | 11.976 | 7.580 | 32.3 | 14.173 | 24.1 | 11.279 | 0.260 | 0.859 | 73.1 | 0.898 | 6.6 | 0.857 | -0.317 | -20.3 | 0.914 |
| 249287.7 | 843809.9 | 41.0 | 12.008 | 7.600 | 32.3 | 14.211 | 24.1 | 11.309 | 0.266 | 0.866 | 72.9 | 0.906 | 8.2 | 0.812 | -0.350 | -23.3 | 0.884 |
| 249287.0 | 843809.2 | 41.4 | 12.309 | 7.787 | 32.3 | 14.565 | 24.0 | 11.590 | 0.270 | 0.873 | 72.8 | 0.914 | 6.8 | 0.816 | -0.189 | -13.0 | 0.837 |
| 249286.3 | 843808.5 | 41.7 | 12.561 | 7.943 | 32.3 | 14.862 | 23.9 | 11.827 | 0.276 | 0.880 | 72.6 | 0.922 | 6.6 | 0.800 | -0.071 | -5.1 | 0.803 |
| 249285.6 | 843807.8 | 41.9 | 12.703 | 8.031 | 32.3 | 15.029 | 23.8 | 11.959 | 0.284 | 0.888 | 72.3 | 0.932 | 7.3 | 0.754 | -0.039 | -3.0 | 0.755 |
| 249284.9 | 843807.0 | 42.1 | 12.850 | 8.122 | 32.3 | 15.202 | 23.7 | 12.097 | 0.292 | 0.895 | 71.9 | 0.942 | 8.1 | 0.701 | -0.009 | -0.7 | 0.701 |
| 249284.2 | 843806.3 | 42.4 | 13.117 | 8.287 | 32.3 | 15.515 | 23.6 | 12.347 | 0.301 | 0.903 | 71.5 | 0.951 | 8.2 | 0.666 | 0.098 | 8.4 | 0.673 |
| 249283.5 | 843805.6 | 42.8 | 13.423 | 8.477 | 32.3 | 15.875 | 23.4 | 12.633 | 0.311 | 0.910 | 71.1 | 0.962 | 8.3 | 0.633 | 0.224 | 19.5 | 0.672 |
| 249282.8 | 843804.9 | 43.1 | 13.788 | 8.702 | 32.3 | 16.304 | 23.3 | 12.975 | 0.322 | 0.918 | 70.7 | 0.973 | 8.8 | 0.607 | 0.379 | 32.0 | 0.716 |
| 249282.1 | 843804.2 | 43.5 | 14.192 | 8.952 | 32.2 | 16.780 | 23.1 | 13.353 | 0.335 | 0.927 | 70.1 | 0.985 | 9.7 | 0.585 | 0.547 | 43.1 | 0.801 |
| 249281.4 | 843803.4 | 43.9 | 14.629 | 9.222 | 32.2 | 17.293 | 22.9 | 13.761 | 0.349 | 0.936 | 69.5 | 0.999 | 11.1 | 0.565 | 0.722 | 51.9 | 0.917 |
| 249280.7 | 843802.7 | 44.2 | 14.877 | 9.375 | 32.2 | 17.585 | 22.7 | 13.994 | 0.359 | 0.944 | 69.2 | 1.010 | 10.8 | 0.503 | 0.770 | 56.9 | 0.920 |
| 249280.0 | 843802.0 | 44.4 | 15.058 | 9.486 | 32.2 | 17.797 | 22.6 | 14.163 | 0.367 | 0.952 | 68.9 | 1.020 | 9.8 | 0.423 | 0.769 | 61.2 | 0.878 |
| 249279.3 | 843801.3 | 44.6 | 15.188 | 9.566 | 32.2 | 17.949 | 22.6 | 14.283 | 0.375 | 0.960 | 68.6 | 1.031 | 8.5 | 0.331 | 0.728 | 65.6 | 0.800 |
| 249278.6 | 843800.6 | 44.9 | 15.503 | 9.760 | 32.2 | 18.319 | 22.4 | 14.578 | 0.386 | 0.970 | 68.3 | 1.044 | 8.0 | 0.278 | 0.787 | 70.6 | 0.835 |
| 249277.9 | 843799.9 | 45.2 | 15.888 | 9.996 | 32.2 | 18.771 | 22.2 | 14.937 | 0.396 | 0.981 | 68.0 | 1.057 | 7.7 | 0.240 | 0.873 | 74.6 | 0.906 |
| 249277.2 | 843799.1 | 45.6 | 16.336 | 10.272 | 32.2 | 19.297 | 22.0 | 15.356 | 0.406 | 0.993 | 67.8 | 1.073 | 7.8 | 0.218 | 0.981 | 77.5 | 1.005 |
| 249276.5 | 843798.4 | 46.1 | 16.947 | 10.646 | 32.1 | 20.014 | 21.7 | 15.926 | 0.419 | 1.007 | 67.4 | 1.091 | 9.5 | 0.232 | 1.160 | 78.7 | 1.183 |
| 249275.8 | 843797.7 | 46.5 | 17.473 | 10.968 | 32.1 | 20.630 | 21.5 | 16.416 | 0.430 | 1.022 | 67.2 | 1.109 | 10.6 | 0.230 | 1.275 | 79.8 | 1.296 |
| 249275.1 | 843797.0 | 46.8 | 17.920 | 11.241 | 32.1 | 21.154 | 21.3 | 16.834 | 0.438 | 1.038 | 67.1 | 1.126 | 10.7 | 0.213 | 1.334 | 80.9 | 1.351 |
| 249274.4 | 843796.3 | 47.3 | 18.597 | 11.654 | 32.1 | 21.947 | 21.0 | 17.465 | 0.453 | 1.056 | 66.8 | 1.149 | 13.5 | 0.246 | 1.493 | 80.6 | 1.514 |
| 249273.7 | 843795.5 | 47.6 | 19.116 | 11.970 | 32.1 | 22.555 | 20.7 | 17.948 | 0.462 | 1.074 | 66.7 | 1.169 | 14.2 | 0.249 | 1.558 | 80.9 | 1.578 |
| 249273.0 | 843794.8 | 48.0 | 19.605 | 12.268 | 32.0 | 23.127 | 20.5 | 18.404 | 0.469 | 1.092 | 66.8 | 1.189 | 14.5 | 0.248 | 1.594 | 81.1 | 1.613 |
| 249272.4 | 843794.1 | 48.4 | 20.338 | 12.714 | 32.0 | 23.985 | 20.1 | 19.087 | 0.485 | 1.114 | 66.5 | 1.215 | 17.4 | 0.299 | 1.733 | 80.2 | 1.758 |
| 249271.7 | 843793.4 | 48.8 | 20.853 | 13.026 | 32.0 | 24.587 | 19.9 | 19.566 | 0.492 | 1.134 | 66.6 | 1.236 | 17.7 | 0.309 | 1.755 | 80.0 | 1.782 |
| 249271.0 | 843792.7 | 49.0 | 21.196 | 13.234 | 32.0 | 24.988 | 19.7 | 19.885 | 0.490 | 1.151 | 66.9 | 1.251 | 15.9 | 0.290 | 1.689 | 80.3 | 1.713 |
| 249270.3 | 843792.0 | 49.5 | 22.031 | 13.740 | 32.0 | 25.964 | 19.3 | 20.662 | 0.509 | 1.176 | 66.6 | 1.281 | 19.6 | 0.366 | 1.834 | 78.7 | 1.870 |
| 249269.6 | 843791.2 | 49.8 | 22.664 | 14.123 | 31.9 | 26.704 | 19.0 | 21.250 | 0.519 | 1.198 | 66.6 | 1.306 | 20.9 | 0.406 | 1.877 | 77.8 | 1.921 |
| 249268.9 | 843790.5 | 50.2 | 23.318 | 14.518 | 31.9 | 27.468 | 18.7 | 21.858 | 0.530 | 1.220 | 66.5 | 1.331 | 22.2 | 0.452 | 1.920 | 76.8 | 1.972 |
| 249268.2 | 843789.8 | 50.5 | 23.959 | 14.905 | 31.9 | 28.217 | 18.4 | 22.454 | 0.540 | 1.243 | 66.5 | 1.355 | 23.4 | 0.497 | 1.948 | 75.7 | 2.010 |
| 249267.5 | 843789.1 | 50.7 | 24.139 | 15.013 | 31.9 | 28.426 | 18.4 | 22.621 | 0.524 | 1.259 | 67.4 | 1.363 | 19.6 | 0.467 | 1.774 | 75.3 | 1.834 |
| 249266.8 | 843788.4 | 51.0 | 24.738 | 15.374 | 31.9 | 29.127 | 18.1 | 23.178 | 0.530 | 1.280 | 67.5 | 1.385 | 20.3 | 0.510 | 1.773 | 73.9 | 1.845 |
| 249266.1 | 843787.6 | 51.5 | 25.610 | 15.899 | 31.8 | 30.144 | 17.7 | 23.988 | 0.551 | 1.305 | 67.1 | 1.416 | 23.6 | 0.599 | 1.879 | 72.3 | 1.972 |
| 249265.4 | 843786.9 | 51.9 | 26.553 | 16.465 | 31.8 | 31.243 | 17.3 | 24.863 | 0.580 | 1.330 | 66.5 | 1.451 | 27.5 | 0.697 | 2.006 | 70.8 | 2.123 |
| 249264.7 | 843786.2 | 52.2 | 27.096 | 16.791 | 31.8 | 31.877 | 17.0 | 25.367 | 0.583 | 1.350 | 66.7 | 1.470 | 27.5 | 0.734 | 1.968 | 69.6 | 2.100 |
| 249264.0 | 843785.5 | 52.5 | 27.629 | 17.110 | 31.8 | 32.498 | 16.8 | 25.861 | 0.585 | 1.368 | 66.9 | 1.488 | 27.4 | 0.770 | 1.925 | 68.2 | 2.073 |
| 249263.3 | 843784.8 | 52.8 | 28.355 | 17.545 | 31.7 | 33.345 | 16.4 | 26.535 | 0.601 | 1.389 | 66.6 | 1.513 | 29.1 | 0.835 | 1.957 | 66.9 | 2.128 |
| 249262.6 | 843784.1 | 53.2 | 29.291 | 18.105 | 31.7 | 34.434 | 16.0 | 27.402 | 0.635 | 1.412 | 65.8 | 1.548 | 32.9 | 0.928 | 2.069 | 65.8 | 2.268 |
| 249261.9 | 843783.3 | 53.5 | 30.009 | 18.535 | 31.7 | 35.271 | 15.7 | 28.068 | 0.653 | 1.430 | 65.5 | 1.572 | 34.6 | 0.990 | 2.098 | 64.7 | 2.319 |
| 249261.2 | 843782.6 | 53.8 | 30.453 | 18.800 | 31.7 | 35.789 | 15.5 | 28.480 | 0.650 | 1.444 | 65.8 | 1.583 | 33.9 | 1.016 | 2.026 | 63.4 | 2.266 |
| 249260.5 | 843781.9 | 54.1 | 31.413 | 19.373 | 31.7 | 36.906 | 15.1 | 29.369 | 0.691 | 1.464 | 64.7 | 1.619 | 37.9 | 1.106 | 2.149 | 62.8 | 2.417 |
| 249259.8 | 843781.2 | 54.4 | 31.995 | 19.721 | 31.6 | 37.584 | 14.8 | 29.909 | 0.702 | 1.478 | 64.6 | 1.636 | 38.7 | 1.149 | 2.136 | 61.7 | 2.426 |
| 249259.1 | 843780.5 | 54.7 | 32.544 | 20.048 | 31.6 | 38.224 | 14.6 | 30.418 | 0.711 | 1.490 | 64.5 | 1.651 | 39.3 | 1.187 | 2.117 | 60.7 | 2.427 |
| 249258.4 | 843779.7 | 54.9 | 33.025 | 20.335 | 31.6 | 38.783 | 14.4 | 30.863 | 0.714 | 1.501 | 64.6 | 1.662 | 39.3 | 1.217 | 2.078 | 59.6 | 2.408 |
| 249257.7 | 843779.0 | 55.0 | 32.974 | 20.305 | 31.6 | 38.725 | 14.4 | 30.816 | 0.671 | 1.503 | 65.9 | 1.646 | 34.9 | 1.186 | 1.854 | 57.4 | 2.201 |
| 249257.0 | 843778.3 | 55.1 | 32.837 | 20.224 | 31.6 | 38.565 | 14.4 | 30.689 | 0.624 | 1.504 | 67.5 | 1.629 | 29.7 | 1.147 | 1.604 | 54.4 | 1.972 |
| 249256.3 | 843777.6 | 55.2 | 32.727 | 20.158 | 31.6 | 38.437 | 14.5 | 30.587 | 0.583 | 1.507 | 68.9 | 1.615 | 24.7 | 1.112 | 1.369 | 50.9 | 1.764 |
| 249255.6 | 843776.9 | 55.3 | 32.694 | 20.139 | 31.6 | 38.400 | 14.5 | 30.557 | 0.551 | 1.510 | 69.9 | 1.607 | 20.6 | 1.087 | 1.169 | 47.1 | 1.596 |
| 249255.0 | 843776.2 | 55.5 | 33.053 | 20.353 | 31.6 | 38.817 | 14.3 | 30.889 | 0.548 | 1.517 | 70.1 | 1.613 | 20.2 | 1.108 | 1.120 | 45.3 | 1.576 |
| 249254.3 | 843775.4 | 55.8 | 33.888 | 20.851 | 31.6 | 39.789 | 14.0 | 31.663 | 0.580 | 1.527 | 69.2 | 1.634 | 24.4 | 1.184 | 1.254 | 46.6 | 1.725 |
| 249253.6 | 843774.7 | 56.3 | 35.296 | 21.689 | 31.6 | 41.427 | 13.3 | 32.967 | 0.666 | 1.545 | 66.7 | 1.682 | 33.7 | 1.319 | 1.592 | 50.4 | 2.067 |
| 249252.9 | 843774.0 | 56.6 | 36.046 | 22.136 | 31.6 | 42.301 | 13.0 | 33.662 | 0.702 | 1.555 | 65.7 | 1.706 | 37.2 | 1.380 | 1.695 | 50.8 | 2.186 |
| 249252.2 | 843773.3 | 56.8 | 36.381 | 22.336 | 31.5 | 42.690 | 12.9 | 33.972 | 0.701 | 1.560 | 65.8 | 1.711 | 37.1 | 1.399 | 1.659 | 49.9 | 2.170 |
| 249251.5 | 843772.6 | 57.0 | 36.767 | 22.566 | 31.5 | 43.140 | 12.7 | 34.330 | 0.707 | 1.566 | 65.7 | 1.718 | 37.6 | 1.422 | 1.648 | 49.2 | 2.177 |
| 249250.8 | 843771.8 | 57.2 | 37.079 | 22.752 | 31.5 | 43.502 | 12.5 | 34.618 | 0.707 | 1.570 | 65.8 | 1.722 | 37.6 | 1.439 | 1.617 | 48.3 | 2.164 |
| 249250.1 | 843771.1 | 57.5 | 37.871 | 23.223 | 31.5 | 44.424 | 12.2 | 35.351 | 0.756 | 1.580 | 64.4 | 1.752 | 41.9 | 1.501 | 1.754 | 49.5 | 2.309 |
| 249249.4 | 843770.4 | 57.5 | 37.660 | 23.098 | 31.5 | 44.179 | 12.3 | 35.157 | 0.708 | 1.577 | 65.8 | 1.728 | 37.8 | 1.467 | 1.561 | 46.8 | 2.142 |
| 249248.7 | 843769.7 | 57.6 | 37.564 | 23.042 | 31.5 | 44.068 | 12.3 | 35.068 | 0.675 | 1.575 | 66.8 | 1.714 | 34.7 | 1.444 | 1.413 | 44.4 | 2.020 |
| 249248.0 | 843769.0 | 57.8 | 37.923 | 23.256 | 31.5 | 44.486 | 12.2 | 35.401 | 0.686 | 1.579 | 66.5 | 1.722 | 35.8 | 1.464 | 1.426 | 44.3 | 2.044 |
| 249247.3 | 843768.3 | 58.0 | 38.006 | 23.305 | 31.5 | 44.582 | 12.1 | 35.477 | 0.674 | 1.579 | 66.9 | 1.717 | 34.7 | 1.458 | 1.353 | 42.9 | 1.988 |
| 249246.6 | 843767.5 | 58.1 | 38.197 | 23.419 | 31.5 | 44.805 | 12.0 | 35.654 | 0.673 | 1.581 | 66.9 | 1.718 | 34.6 | 1.461 | 1.323 | 42.2 | 1.971 |
| 249245.9 | 843766.8 | 58.3 | 38.345 | 23.508 | 31.5 | 44.978 | 12.0 | 35.792 | 0.671 | 1.582 | 67.0 | 1.718 | 34.4 | 1.461 | 1.287 | 41.4 | 1.947 |
| 249245.2 | 843766.1 | 58.5 | 38.491 | 23.595 | 31.5 | 45.148 | 11.9 | 35.928 | 0.670 | 1.583 | 67.1 | 1.719 | 34.4 | 1.461 | 1.256 | 40.7 | 1.927 |
| 249244.5 | 843765.4 | 58.6 | 38.762 | 23.757 | 31.5 | 45.463 | 11.8 | 36.178 | 0.683 | 1.586 | 66.7 | 1.727 | 35.7 | 1.473 | 1.276 | 40.9 | 1.948 |

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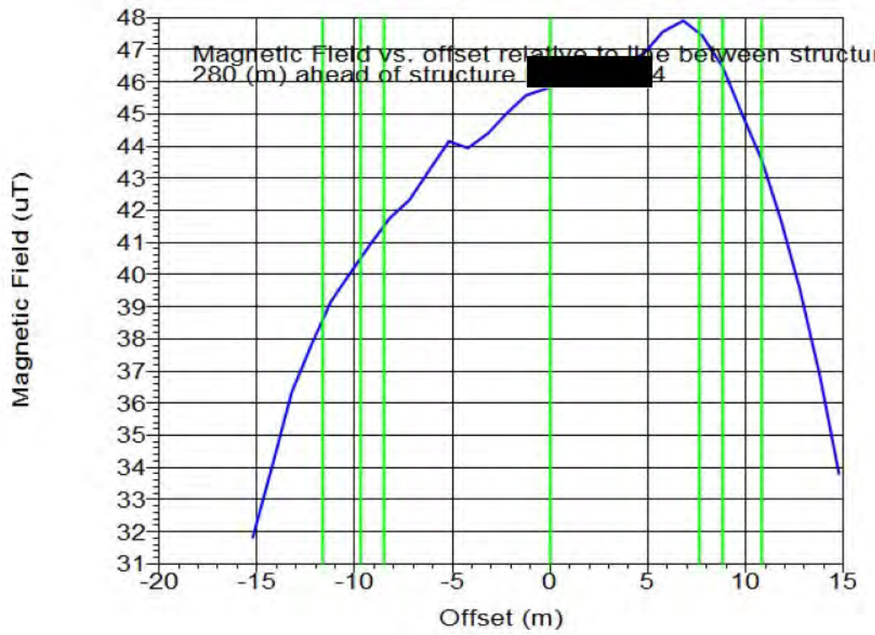
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249243.8 | 843764.7 | 58.8 | 39.068 | 23.939 | 31.5 | 45.819 | 11.6 | 36.461 | 0.702 | 1.589 | 66.1 | 1.737 | 37.5 | 1.488 | 1.314 | 41.5 | 1.985 |
| 249243.1 | 843764.0 | 59.0 | 39.092 | 23.954 | 31.5 | 45.847 | 11.6 | 36.484 | 0.696 | 1.588 | 66.3 | 1.734 | 37.0 | 1.478 | 1.266 | 40.6 | 1.946 |
| 249242.4 | 843763.2 | 59.1 | 38.877 | 23.827 | 31.5 | 45.598 | 11.7 | 36.286 | 0.668 | 1.586 | 67.1 | 1.721 | 34.5 | 1.448 | 1.144 | 38.3 | 1.846 |
| 249241.7 | 843762.5 | 59.1 | 38.682 | 23.711 | 31.5 | 45.371 | 11.8 | 36.105 | 0.645 | 1.583 | 67.8 | 1.710 | 32.4 | 1.421 | 1.036 | 36.1 | 1.758 |
| 249241.0 | 843761.8 | 59.3 | 38.649 | 23.692 | 31.5 | 45.333 | 11.8 | 36.075 | 0.639 | 1.583 | 68.0 | 1.707 | 32.0 | 1.409 | 0.991 | 35.1 | 1.722 |
| 249240.3 | 843761.1 | 59.4 | 38.667 | 23.703 | 31.5 | 45.354 | 11.8 | 36.092 | 0.641 | 1.583 | 68.0 | 1.708 | 32.2 | 1.403 | 0.971 | 34.7 | 1.706 |
| 249239.6 | 843760.4 | 59.5 | 38.495 | 23.601 | 31.5 | 45.154 | 11.9 | 35.933 | 0.626 | 1.581 | 68.4 | 1.701 | 31.0 | 1.380 | 0.895 | 33.0 | 1.645 |
| 249238.9 | 843759.6 | 59.5 | 38.211 | 23.432 | 31.5 | 44.824 | 12.0 | 35.670 | 0.603 | 1.579 | 69.1 | 1.690 | 28.9 | 1.348 | 0.787 | 30.3 | 1.561 |
| 249238.2 | 843758.9 | 59.7 | 38.147 | 23.394 | 31.5 | 44.749 | 12.0 | 35.610 | 0.603 | 1.578 | 69.1 | 1.689 | 29.0 | 1.335 | 0.766 | 29.9 | 1.539 |
| 249237.6 | 843758.2 | 59.9 | 38.413 | 23.553 | 31.5 | 45.059 | 11.9 | 35.857 | 0.636 | 1.579 | 68.0 | 1.702 | 32.3 | 1.351 | 0.872 | 32.8 | 1.608 |
| 249236.9 | 843757.5 | 60.1 | 38.768 | 23.765 | 31.5 | 45.472 | 11.7 | 36.186 | 0.682 | 1.581 | 66.7 | 1.722 | 36.6 | 1.373 | 1.018 | 36.6 | 1.710 |
| 249236.2 | 843756.8 | 60.2 | 38.775 | 23.769 | 31.5 | 45.480 | 11.7 | 36.192 | 0.697 | 1.580 | 66.2 | 1.726 | 37.9 | 1.362 | 1.055 | 37.8 | 1.723 |
| 249235.5 | 843756.1 | 60.3 | 38.779 | 23.772 | 31.5 | 45.485 | 11.7 | 36.196 | 0.713 | 1.578 | 65.7 | 1.731 | 39.5 | 1.349 | 1.103 | 39.3 | 1.742 |
| 249234.8 | 843755.3 | 60.4 | 38.528 | 23.622 | 31.5 | 45.193 | 11.8 | 35.963 | 0.706 | 1.572 | 65.8 | 1.724 | 39.0 | 1.309 | 1.073 | 39.3 | 1.693 |
| 249234.1 | 843754.6 | 60.5 | 38.214 | 23.436 | 31.5 | 44.828 | 12.0 | 35.673 | 0.695 | 1.566 | 66.1 | 1.713 | 38.1 | 1.261 | 1.033 | 39.3 | 1.630 |
| 249233.4 | 843753.9 | 60.5 | 37.844 | 23.215 | 31.5 | 44.397 | 12.1 | 35.330 | 0.680 | 1.558 | 66.4 | 1.700 | 36.9 | 1.202 | 0.985 | 39.3 | 1.554 |
| 249232.7 | 843753.2 | 60.6 | 37.693 | 23.126 | 31.5 | 44.222 | 12.2 | 35.191 | 0.690 | 1.552 | 66.0 | 1.699 | 37.8 | 1.159 | 1.027 | 41.5 | 1.549 |
| 249232.0 | 843752.5 | 60.8 | 37.687 | 23.122 | 31.5 | 44.215 | 12.2 | 35.185 | 0.715 | 1.547 | 65.2 | 1.705 | 40.2 | 1.124 | 1.133 | 45.2 | 1.596 |
| 249231.3 | 843751.7 | 60.9 | 37.496 | 23.008 | 31.5 | 43.992 | 12.3 | 35.008 | 0.724 | 1.540 | 64.8 | 1.702 | 41.0 | 1.067 | 1.184 | 48.0 | 1.594 |
| 249230.6 | 843751.0 | 60.9 | 37.174 | 22.816 | 31.5 | 43.618 | 12.4 | 34.710 | 0.722 | 1.530 | 64.8 | 1.692 | 40.9 | 0.993 | 1.199 | 50.4 | 1.557 |
| 249229.9 | 843750.3 | 61.0 | 36.824 | 22.608 | 31.5 | 43.210 | 12.6 | 34.386 | 0.718 | 1.520 | 64.7 | 1.681 | 40.6 | 0.912 | 1.215 | 53.1 | 1.519 |
| 249229.2 | 843749.6 | 61.0 | 36.212 | 22.242 | 31.6 | 42.498 | 12.8 | 33.818 | 0.690 | 1.507 | 65.4 | 1.657 | 38.0 | 0.800 | 1.144 | 55.0 | 1.396 |
| 249228.5 | 843748.9 | 61.0 | 35.722 | 21.949 | 31.6 | 41.926 | 13.0 | 33.364 | 0.675 | 1.495 | 65.7 | 1.640 | 36.6 | 0.694 | 1.125 | 58.3 | 1.322 |
| 249227.8 | 843748.2 | 61.0 | 35.278 | 21.684 | 31.6 | 41.409 | 13.2 | 32.952 | 0.667 | 1.482 | 65.8 | 1.625 | 35.7 | 0.589 | 1.131 | 62.5 | 1.275 |
| 249227.1 | 843747.4 | 61.1 | 34.878 | 21.445 | 31.6 | 40.944 | 13.4 | 32.582 | 0.663 | 1.470 | 65.7 | 1.612 | 35.2 | 0.484 | 1.161 | 67.4 | 1.258 |
| 249226.4 | 843746.7 | 61.1 | 34.487 | 21.212 | 31.6 | 40.489 | 13.6 | 32.220 | 0.661 | 1.457 | 65.6 | 1.600 | 34.9 | 0.376 | 1.202 | 72.6 | 1.259 |
| 249225.7 | 843746.0 | 61.2 | 34.382 | 21.149 | 31.6 | 40.366 | 13.6 | 32.122 | 0.684 | 1.447 | 64.7 | 1.601 | 37.3 | 0.298 | 1.356 | 77.6 | 1.388 |
| 249225.0 | 843745.3 | 61.4 | 34.380 | 21.147 | 31.6 | 40.363 | 13.6 | 32.120 | 0.717 | 1.439 | 63.5 | 1.608 | 40.7 | 0.231 | 1.553 | 81.5 | 1.570 |
| 249224.3 | 843744.6 | 61.4 | 34.101 | 20.980 | 31.6 | 40.038 | 13.7 | 31.861 | 0.726 | 1.427 | 63.0 | 1.601 | 41.6 | 0.134 | 1.650 | 85.4 | 1.656 |
| 249223.6 | 843743.8 | 61.5 | 33.597 | 20.679 | 31.6 | 39.451 | 13.9 | 31.394 | 0.714 | 1.412 | 63.2 | 1.582 | 40.4 | 0.009 | 1.667 | 89.7 | 1.667 |
| 249222.9 | 843743.1 | 61.5 | 33.109 | 20.386 | 31.6 | 38.882 | 14.1 | 30.941 | 0.704 | 1.397 | 63.3 | 1.564 | 39.4 | -0.114 | 1.690 | -86.2 | 1.694 |
| 249222.2 | 843742.4 | 61.5 | 32.704 | 20.143 | 31.6 | 38.410 | 14.3 | 30.565 | 0.701 | 1.383 | 63.1 | 1.551 | 39.1 | -0.226 | 1.746 | -82.6 | 1.761 |
| 249221.5 | 843741.7 | 61.6 | 32.477 | 20.007 | 31.6 | 38.146 | 14.4 | 30.355 | 0.714 | 1.372 | 62.5 | 1.546 | 40.5 | -0.314 | 1.870 | -80.5 | 1.897 |
| 249220.8 | 843741.0 | 61.7 | 32.247 | 19.869 | 31.6 | 37.877 | 14.5 | 30.141 | 0.725 | 1.360 | 61.9 | 1.542 | 42.0 | -0.399 | 1.992 | -78.7 | 2.032 |
| 249220.1 | 843740.3 | 61.8 | 32.151 | 19.811 | 31.6 | 37.765 | 14.5 | 30.052 | 0.748 | 1.351 | 61.0 | 1.544 | 44.7 | -0.463 | 2.163 | -77.9 | 2.212 |
| 249219.5 | 843739.5 | 61.8 | 31.666 | 19.520 | 31.7 | 37.199 | 14.8 | 29.602 | 0.736 | 1.336 | 61.1 | 1.526 | 43.6 | -0.576 | 2.184 | -75.2 | 2.259 |
| 249218.8 | 843738.8 | 61.7 | 30.905 | 19.063 | 31.7 | 36.311 | 15.1 | 28.895 | 0.702 | 1.317 | 61.9 | 1.492 | 39.7 | -0.726 | 2.096 | -70.9 | 2.218 |
| 249218.1 | 843738.1 | 61.7 | 30.283 | 18.701 | 31.7 | 35.592 | 15.4 | 28.323 | 0.680 | 1.302 | 62.4 | 1.469 | 36.8 | -0.831 | 1.965 | -67.1 | 2.134 |
| 249217.4 | 843737.4 | 61.7 | 29.876 | 18.456 | 31.7 | 35.117 | 15.5 | 27.945 | 0.674 | 1.289 | 62.4 | 1.454 | 36.2 | -0.926 | 1.999 | -65.2 | 2.203 |
| 249216.7 | 843736.7 | 61.7 | 29.233 | 18.070 | 31.7 | 34.367 | 15.8 | 27.349 | 0.650 | 1.272 | 62.9 | 1.429 | 33.1 | -1.054 | 1.933 | -61.4 | 2.201 |
| 249216.0 | 843735.9 | 61.6 | 28.407 | 17.572 | 31.7 | 33.403 | 16.2 | 26.581 | 0.616 | 1.253 | 63.8 | 1.396 | 27.8 | -1.210 | 1.782 | -55.8 | 2.154 |
| 249215.3 | 843735.2 | 61.5 | 27.758 | 17.181 | 31.8 | 32.646 | 16.5 | 25.979 | 0.595 | 1.238 | 64.3 | 1.373 | 24.1 | -1.337 | 1.691 | -51.7 | 2.156 |
| 249214.6 | 843734.5 | 61.5 | 27.271 | 16.887 | 31.8 | 32.076 | 16.7 | 25.525 | 0.583 | 1.226 | 64.6 | 1.357 | 22.0 | -1.437 | 1.655 | -49.0 | 2.191 |
| 249213.9 | 843733.8 | 61.6 | 26.930 | 16.681 | 31.8 | 31.677 | 16.8 | 25.208 | 0.578 | 1.216 | 64.6 | 1.347 | 21.3 | -1.509 | 1.668 | -47.9 | 2.249 |
| 249213.2 | 843733.1 | 61.6 | 26.626 | 16.498 | 31.8 | 31.323 | 17.0 | 24.926 | 0.574 | 1.208 | 64.6 | 1.338 | 20.9 | -1.573 | 1.685 | -47.0 | 2.305 |
| 249212.5 | 843732.4 | 61.6 | 26.204 | 16.242 | 31.8 | 30.830 | 17.1 | 24.533 | 0.564 | 1.200 | 64.8 | 1.326 | 18.8 | -1.657 | 1.640 | -44.7 | 2.332 |
| 249211.8 | 843731.6 | 61.6 | 25.717 | 15.948 | 31.8 | 30.260 | 17.3 | 24.081 | 0.552 | 1.191 | 65.2 | 1.313 | 15.9 | -1.753 | 1.553 | -41.5 | 2.342 |
| 249211.1 | 843730.9 | 61.6 | 25.239 | 15.659 | 31.8 | 29.702 | 17.6 | 23.636 | 0.541 | 1.184 | 65.5 | 1.302 | 12.7 | -1.849 | 1.455 | -38.2 | 2.353 |
| 249210.4 | 843730.2 | 61.6 | 24.925 | 15.468 | 31.8 | 29.335 | 17.7 | 23.344 | 0.535 | 1.181 | 65.6 | 1.296 | 11.2 | -1.917 | 1.414 | -36.4 | 2.382 |
| 249209.7 | 843729.5 | 61.7 | 24.702 | 15.333 | 31.8 | 29.073 | 17.8 | 23.136 | 0.532 | 1.179 | 65.7 | 1.294 | 10.5 | -1.970 | 1.398 | -35.4 | 2.416 |
| 249209.0 | 843728.8 | 61.8 | 24.495 | 15.207 | 31.8 | 28.832 | 17.9 | 22.943 | 0.529 | 1.179 | 65.8 | 1.292 | 9.6 | -2.023 | 1.376 | -34.2 | 2.446 |
| 249208.3 | 843728.0 | 61.9 | 24.457 | 15.183 | 31.8 | 28.787 | 17.9 | 22.908 | 0.529 | 1.182 | 65.9 | 1.295 | 10.2 | -2.047 | 1.416 | -34.7 | 2.489 |
| 249207.6 | 843727.3 | 62.1 | 24.507 | 15.213 | 31.8 | 28.845 | 17.9 | 22.954 | 0.531 | 1.186 | 65.9 | 1.300 | 11.3 | -2.059 | 1.481 | -35.7 | 2.537 |
| 249206.9 | 843726.6 | 62.3 | 24.555 | 15.241 | 31.8 | 28.901 | 17.8 | 22.998 | 0.533 | 1.192 | 65.9 | 1.306 | 12.1 | -2.077 | 1.534 | -36.4 | 2.582 |
| 249206.2 | 843725.9 | 62.5 | 24.601 | 15.268 | 31.8 | 28.954 | 17.8 | 23.041 | 0.535 | 1.199 | 65.9 | 1.313 | 12.6 | -2.100 | 1.573 | -36.8 | 2.624 |
| 249205.5 | 843725.2 | 62.7 | 24.682 | 15.316 | 31.8 | 29.048 | 17.8 | 23.115 | 0.538 | 1.206 | 66.0 | 1.321 | 13.2 | -2.122 | 1.617 | -37.3 | 2.668 |
| 249204.8 | 843724.5 | 62.8 | 24.682 | 15.315 | 31.8 | 29.047 | 17.8 | 23.115 | 0.539 | 1.213 | 66.1 | 1.328 | 12.7 | -2.165 | 1.615 | -36.7 | 2.701 |
| 249204.1 | 843723.7 | 63.1 | 25.059 | 15.542 | 31.8 | 29.487 | 17.6 | 23.465 | 0.552 | 1.225 | 65.7 | 1.344 | 15.9 | -2.145 | 1.770 | -39.5 | 2.781 |
| 249203.4 | 843723.0 | 63.4 | 25.362 | 15.724 | 31.8 | 29.841 | 17.5 | 23.747 | 0.564 | 1.236 | 65.5 | 1.359 | 18.2 | -2.145 | 1.885 | -41.3 | 2.855 |
| 249202.7 | 843722.3 | 63.6 | 25.494 | 15.803 | 31.8 | 29.995 | 17.4 | 23.869 | 0.570 | 1.246 | 65.4 | 1.370 | 18.6 | -2.181 | 1.918 | -41.3 | 2.904 |
| 249202.1 | 843721.6 | 63.8 | 25.553 | 15.838 | 31.8 | 30.064 | 17.4 | 23.924 | 0.572 | 1.254 | 65.5 | 1.378 | 18.1 | -2.235 | 1.916 | -40.6 | 2.944 |
| 249201.4 | 843720.9 | 64.0 | 25.750 | 15.956 | 31.8 | 30.293 | 17.3 | 24.106 | 0.580 | 1.264 | 65.3 | 1.391 | 18.9 | -2.269 | 1.969 | -41.0 | 3.005 |
| 249200.7 | 843720.1 | 64.4 | 26.176 | 16.212 | 31.8 | 30.790 | 17.1 | 24.502 | 0.600 | 1.276 | 64.8 | 1.410 | 22.0 | -2.267 | 2.119 | -43.1 | 3.103 |
| 249200.0 | 843719.4 | 64.7 | 26.608 | 16.472 | 31.8 | 31.294 | 16.9 | 24.903 | 0.623 | 1.288 | 64.2 | 1.430 | 25.2 | -2.266 | 2.268 | -45.0 | 3.206 |
| 249199.3 | 843718.7 | 65.0 | 27.050 | 16.738 | 31.7 | 31.810 | 16.7 | 25.314 | 0.647 | 1.299 | 63.5 | 1.452 | 28.4 | -2.266 | 2.420 | -46.9 | 3.315 |
| 249198.6 | 843718.0 | 65.3 | 27.474 | 16.993 | 31.7 | 32.305 | 16.5 | 25.707 | 0.672 | 1.310 | 62.8 | 1.473 | 31.5 | -2.269 | 2.565 | -48.5 | 3.425 |
| 249197.9 | 843717.3 | 65.5 | 27.682 | 17.117 | 31.7 | 32.547 | 16.4 | 25.900 | 0.684 | 1.318 | 62.6 | 1.485 | 32.5 | -2.310 | 2.624 | -48.6 | 3.496 |
| 249197.2 | 843716.6 | 65.8 | 27.883 | 17.237 | 31.7 | 32.780 | 16.3 | 26.086 | 0.696 | 1.324 | 62.3 | 1.496 | 33.5 | -2.350 | 2.684 | -48.8 | 3.567 |
| 249196.5 | 843715.8 | 66.0 | 28.082 | 17.356 | 31.7 | 33.012 | 16.2 | 26.270 | 0.708 | 1.330 | 62.0 | 1.507 | 34.6 | -2.387 | 2.748 | -49.0 | 3.640 |
| 249195.8 | 843715.1 | 66.2 | 28.280 | 17.474 | 31.7 | 33.243 | 16.1 | 26.454 | 0.721 | 1.335 | 61.6 | 1.517 | 35.9 | -2.420 | 2.818 | -49.3 | 3.714 |
| 249195.1 | 843714.4 | 66.5 | 28.534 | 17.626 | 31.7 | 33.539 | 16.0 | 26.690 | 0.738 | 1.340 | 61.1 | 1.530 | 37.9 | -2.438 | 2.916 | -50.1 | 3.801 |
| 249194.4 | 843713.7 | 66.7 | 28.768 | 17.766 | 31.7 | 33.811 | 15.9 | 26.906 | 0.755 | 1.344 | 60.7 | 1.542 | 39.9 | -2.454 | 3.014 | -50.9 | 3.887 |
| 249193.7 | 843713.0 | 67.0 | 29.010 | 17.911 | 31.7 | 34.094 | 15.8 | 27.131 | 0.775 | 1.347 | 60.1 | 1.554 | 42.2 | -2.460 | 3.123 | -51.8 | 3.976 |
| 249193.0 | 843712.3 | 67.2 | 29.307 | 18.089 | 31.7 | 34.440 | 15.7 | 27.407 | 0.800 | 1.350 | 59.4 | 1.570 | 45.3 | -2.450 | 3.262 | -53.1 | 4.079 |
| 249192.3 | 843711.5 | 67.4 | 29.377 | 18.130 | 31.7 | 34.521 | 15.6 | 27.471 | 0.809 | 1.349 | 59.1 | 1.573 | 46.4 | -2.471 | 3.320 | -53.3 | 4.139 |
| 249191.6 | 843710.8 | 67.6 | 29.451 | 18.173 | 31.7 | 34.607 | 15.6 | 27.539 | 0.819 | 1.347 | 58.7 | 1.576 | 47.8 | -2.484 | 3.390 | -53.8 | 4.202 |
| 249190.9 | 843710.1 | 67.9 | 29.853 | 18.414 | 31.7 | 35.075 | 15.4 | 27.912 | 0.858 | 1.351 | 57.6 | 1.600 | 52.5 | -2.429 | 3.594 | -55.9 | 4.338 |
| 249190.2 | 843709.4 | 68.2 | 30.085 | 18.552 | 31.7 | 35.346 | 15.3 | 28.127 | 0.885 | 1.350 | 56.8 | 1.614 | 55.9 | -2.397 | 3.740 | -57.3 | 4.442 |
| 249189.5 | 843708.7 | 68.3 | 30.064 | 18.539 | 31.7 | 35.321 | 15.3 | 28.107 | 0.892 | 1.345 | 56.5 | 1.613 | 57.1 | -2.401 | 3.800 | -57.7 | 4.494 |
| 249188.8 | 843707.9 | 68.5 | 29.974 | 18.484 | 31.7 | 35.215 | 15.4 | 28.023 | 0.894 | 1.337 | 56.2 | 1.608 | 57.9 | -2.409 | 3.842 | -57.9 | 4.535 |
| 249188.1 | 843707.2 | 68.5 | 29.375 | 18.123 | 31.7 | 34.516 | 15.6 | 27.467 | 0.855 | 1.318 | 57.0 | 1.571 | 54.1 | -2.501 | 3.702 | -56.0 | 4.468 |
| 249187.4 | 843706.5 | 68.6 | 29.018 | 17.906 | 31.7 | 34.098 | 15.8 | 27.134 | 0.838 | 1.303 | 57.2 | 1.549 | 52.7 | -2.544 | 3.659 | -55.2 | 4.456 |
| 249186.7 | 843705.8 | 68.7 | 28.863 | 17.812 | 31.7 | 33.917 | 15.8 | 26.990 | 0.839 | 1.292 | 57.0 | 1.541 | 53.5 | -2.543 | 3.699 | -55.5 | 4.489 |
| 249186.0 | 843705.1 | 68.8 | 28.635 | 17.674 | 31.7 | 33.651 | 15.9 | 26.778 | 0.835 | 1.280 | 56.9 | 1.528 | 53.7 | -2.548 | 3.718 | -55.6 | 4.507 |
| 249185.3 | 843704.4 | 68.9 | 28.416 | 17.541 | 31.7 | 33.394 | 16.0 | 26.574 | 0.832 | 1.267 | 56.7 | 1.516 | 54.1 | -2.546 | 3.744 | -55.8 | 4.528 |
| 249184.7 | 843703.6 | 69.0 | 28.110 | 17.356 | 31.7 | 33.037 | 16.2 | 26.290 | 0.823 | 1.253 | 56.7 | 1.499 | 53.8 | -2.556 | 3.741 | -55.7 | 4.531 |
| 249184.0 | 843702.9 | 69.0 | 27.565 | 17.027 | 31.7 | 32.400 | 16.4 | 25.783 | 0.795 | 1.233 | 57.2 | 1.467 | 51.2 | -2.607 | 3.648 | -54.5 | 4.484 |

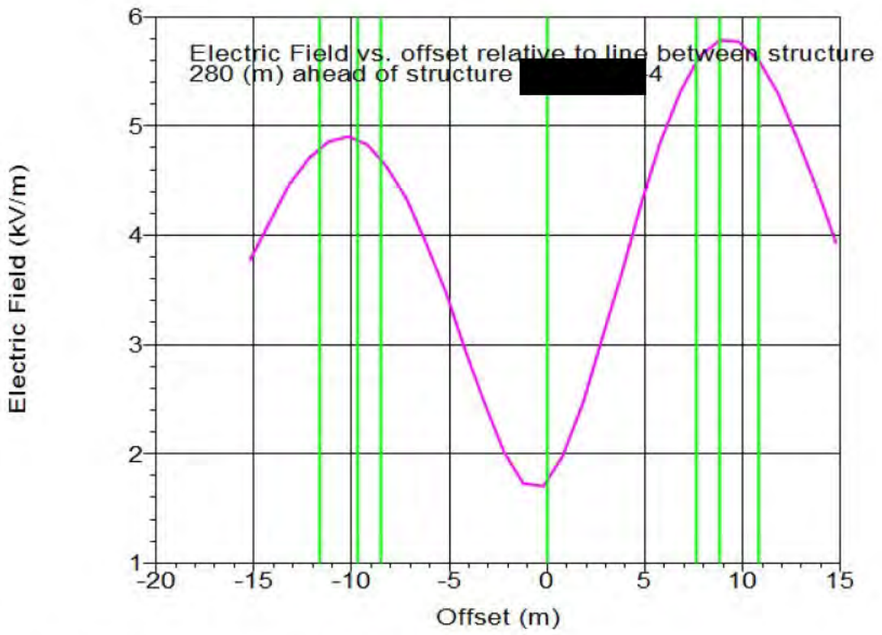
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249183.3 | 843702.2 | 69.0 | 27.080 | 16.734 | 31.7 | 31.833 | 16.6 | 25.332 | 0.773 | 1.215 | 57.5 | 1.440 | 49.2 | -2.643 | 3.580 | -53.6 | 4.450 |
| 249182.6 | 843701.5 | 69.1 | 26.643 | 16.469 | 31.7 | 31.323 | 16.8 | 24.926 | 0.756 | 1.198 | 57.7 | 1.416 | 47.7 | -2.667 | 3.529 | -52.9 | 4.424 |
| 249181.9 | 843700.8 | 69.1 | 26.159 | 16.176 | 31.7 | 30.757 | 17.0 | 24.475 | 0.735 | 1.180 | 58.1 | 1.390 | 45.6 | -2.698 | 3.459 | -52.0 | 4.387 |
| 249181.2 | 843700.0 | 69.0 | 25.468 | 15.758 | 31.7 | 29.949 | 17.3 | 23.832 | 0.701 | 1.158 | 58.8 | 1.354 | 41.3 | -2.771 | 3.302 | -50.0 | 4.311 |
| 249180.5 | 843699.3 | 68.9 | 24.654 | 15.265 | 31.8 | 28.997 | 17.7 | 23.075 | 0.661 | 1.135 | 59.8 | 1.313 | 35.6 | -2.872 | 3.087 | -47.1 | 4.216 |
| 249179.8 | 843698.6 | 68.8 | 24.018 | 14.879 | 31.8 | 28.254 | 17.9 | 22.484 | 0.635 | 1.116 | 60.3 | 1.284 | 31.6 | -2.935 | 2.939 | -45.0 | 4.154 |
| 249179.1 | 843697.9 | 68.9 | 23.555 | 14.598 | 31.8 | 27.711 | 18.1 | 22.052 | 0.621 | 1.101 | 60.6 | 1.264 | 29.6 | -2.960 | 2.858 | -44.0 | 4.115 |
| 249178.4 | 843697.2 | 68.8 | 23.039 | 14.284 | 31.8 | 27.108 | 18.4 | 21.572 | 0.605 | 1.085 | 60.9 | 1.242 | 26.8 | -2.998 | 2.747 | -42.5 | 4.066 |
| 249177.7 | 843696.5 | 68.9 | 22.697 | 14.076 | 31.8 | 26.707 | 18.5 | 21.253 | 0.597 | 1.074 | 60.9 | 1.228 | 25.9 | -2.994 | 2.707 | -42.1 | 4.036 |
| 249177.0 | 843695.7 | 69.0 | 22.430 | 13.913 | 31.8 | 26.395 | 18.6 | 21.004 | 0.593 | 1.064 | 60.9 | 1.218 | 25.8 | -2.971 | 2.694 | -42.2 | 4.011 |
| 249176.3 | 843695.0 | 69.0 | 22.164 | 13.751 | 31.8 | 26.084 | 18.7 | 20.757 | 0.588 | 1.055 | 60.9 | 1.208 | 25.7 | -2.948 | 2.674 | -42.2 | 3.980 |
| 249175.6 | 843694.3 | 69.1 | 21.797 | 13.527 | 31.8 | 25.653 | 18.9 | 20.414 | 0.580 | 1.046 | 61.0 | 1.196 | 24.3 | -2.948 | 2.601 | -41.4 | 3.931 |
| 249174.9 | 843693.6 | 69.1 | 21.434 | 13.306 | 31.8 | 25.228 | 19.1 | 20.076 | 0.571 | 1.037 | 61.2 | 1.184 | 22.9 | -2.947 | 2.521 | -40.5 | 3.878 |
| 249174.2 | 843692.9 | 69.1 | 21.120 | 13.114 | 31.8 | 24.860 | 19.2 | 19.783 | 0.564 | 1.030 | 61.3 | 1.174 | 22.0 | -2.934 | 2.456 | -39.9 | 3.826 |
| 249173.5 | 843692.1 | 69.2 | 20.721 | 12.871 | 31.8 | 24.393 | 19.4 | 19.411 | 0.555 | 1.022 | 61.5 | 1.163 | 20.1 | -2.941 | 2.341 | -38.5 | 3.760 |
| 249172.8 | 843691.4 | 69.2 | 20.482 | 12.724 | 31.9 | 24.113 | 19.5 | 19.188 | 0.551 | 1.018 | 61.6 | 1.157 | 19.9 | -2.907 | 2.294 | -38.3 | 3.704 |
| 249172.1 | 843690.7 | 69.4 | 20.360 | 12.649 | 31.9 | 23.969 | 19.5 | 19.074 | 0.549 | 1.015 | 61.6 | 1.154 | 20.7 | -2.841 | 2.296 | -38.9 | 3.653 |
| 249171.4 | 843690.0 | 69.5 | 20.313 | 12.620 | 31.9 | 23.914 | 19.5 | 19.030 | 0.550 | 1.015 | 61.5 | 1.154 | 22.2 | -2.754 | 2.327 | -40.2 | 3.605 |
| 249170.7 | 843689.3 | 69.7 | 20.268 | 12.591 | 31.8 | 23.861 | 19.6 | 18.988 | 0.551 | 1.015 | 61.5 | 1.155 | 23.6 | -2.665 | 2.352 | -41.4 | 3.555 |
| 249170.0 | 843688.6 | 69.8 | 19.949 | 12.396 | 31.9 | 23.487 | 19.7 | 18.690 | 0.542 | 1.011 | 61.8 | 1.147 | 22.2 | -2.645 | 2.239 | -40.2 | 3.466 |
| 249169.3 | 843687.8 | 69.8 | 19.655 | 12.216 | 31.9 | 23.142 | 19.8 | 18.416 | 0.533 | 1.008 | 62.1 | 1.141 | 20.9 | -2.618 | 2.131 | -39.1 | 3.376 |
| 249168.6 | 843687.1 | 70.0 | 19.634 | 12.202 | 31.9 | 23.117 | 19.8 | 18.396 | 0.533 | 1.010 | 62.2 | 1.142 | 22.3 | -2.518 | 2.151 | -40.5 | 3.311 |
| 249167.9 | 843686.4 | 70.2 | 19.611 | 12.187 | 31.9 | 23.089 | 19.8 | 18.374 | 0.533 | 1.011 | 62.2 | 1.143 | 23.6 | -2.416 | 2.166 | -41.9 | 3.245 |
| 249167.3 | 843685.7 | 70.3 | 19.567 | 12.159 | 31.9 | 23.037 | 19.9 | 18.332 | 0.532 | 1.013 | 62.3 | 1.144 | 24.7 | -2.319 | 2.166 | -43.0 | 3.173 |
| 249166.6 | 843685.0 | 70.6 | 19.658 | 12.214 | 31.9 | 23.143 | 19.8 | 18.417 | 0.537 | 1.016 | 62.2 | 1.149 | 27.1 | -2.186 | 2.229 | -45.6 | 3.122 |
| 249165.9 | 843684.2 | 70.9 | 19.815 | 12.309 | 31.8 | 23.327 | 19.7 | 18.563 | 0.546 | 1.021 | 61.9 | 1.158 | 30.2 | -2.036 | 2.322 | -48.8 | 3.088 |
| 249165.2 | 843683.5 | 71.1 | 19.973 | 12.404 | 31.8 | 23.511 | 19.7 | 18.710 | 0.557 | 1.026 | 61.5 | 1.168 | 33.4 | -1.887 | 2.412 | -52.0 | 3.062 |
| 249164.5 | 843682.8 | 71.3 | 19.910 | 12.364 | 31.8 | 23.436 | 19.7 | 18.650 | 0.556 | 1.028 | 61.6 | 1.168 | 34.1 | -1.792 | 2.392 | -53.2 | 2.989 |
| 249163.8 | 843682.1 | 71.4 | 19.636 | 12.196 | 31.8 | 23.115 | 19.8 | 18.394 | 0.542 | 1.026 | 62.1 | 1.160 | 32.3 | -1.746 | 2.268 | -52.4 | 2.862 |
| 249163.1 | 843681.4 | 71.4 | 19.256 | 11.964 | 31.9 | 22.670 | 20.0 | 18.040 | 0.522 | 1.022 | 62.9 | 1.148 | 29.3 | -1.726 | 2.087 | -50.4 | 2.708 |
| 249162.4 | 843680.7 | 71.5 | 19.022 | 11.821 | 31.9 | 22.396 | 20.1 | 17.822 | 0.511 | 1.021 | 63.4 | 1.141 | 28.0 | -1.669 | 1.976 | -49.8 | 2.587 |
| 249161.7 | 843679.9 | 71.6 | 18.927 | 11.762 | 31.9 | 22.284 | 20.1 | 17.733 | 0.506 | 1.022 | 63.6 | 1.140 | 28.1 | -1.578 | 1.936 | -50.8 | 2.497 |
| 249161.0 | 843679.2 | 71.8 | 18.792 | 11.679 | 31.9 | 22.126 | 20.2 | 17.607 | 0.499 | 1.021 | 64.0 | 1.137 | 27.8 | -1.497 | 1.875 | -51.4 | 2.399 |
| 249160.3 | 843678.5 | 71.9 | 18.759 | 11.658 | 31.9 | 22.086 | 20.2 | 17.575 | 0.498 | 1.022 | 64.0 | 1.137 | 28.6 | -1.391 | 1.868 | -53.3 | 2.329 |
| 249159.6 | 843677.8 | 72.1 | 18.724 | 11.636 | 31.9 | 22.045 | 20.2 | 17.543 | 0.497 | 1.023 | 64.1 | 1.137 | 29.4 | -1.286 | 1.862 | -55.4 | 2.263 |
| 249158.9 | 843677.1 | 72.3 | 18.690 | 11.614 | 31.9 | 22.005 | 20.2 | 17.511 | 0.496 | 1.023 | 64.1 | 1.137 | 30.2 | -1.182 | 1.859 | -57.5 | 2.203 |
| 249158.2 | 843676.3 | 72.5 | 18.655 | 11.592 | 31.9 | 21.963 | 20.2 | 17.478 | 0.495 | 1.023 | 64.2 | 1.137 | 31.0 | -1.080 | 1.857 | -59.8 | 2.149 |
| 249157.5 | 843675.6 | 72.7 | 18.619 | 11.569 | 31.9 | 21.920 | 20.2 | 17.443 | 0.495 | 1.022 | 64.2 | 1.136 | 31.8 | -0.979 | 1.859 | -62.2 | 2.101 |
| 249156.8 | 843674.9 | 73.0 | 18.870 | 11.721 | 31.8 | 22.214 | 20.1 | 17.677 | 0.516 | 1.025 | 63.3 | 1.148 | 36.1 | -0.818 | 2.016 | -67.9 | 2.175 |
| 249156.1 | 843674.2 | 73.2 | 18.874 | 11.722 | 31.8 | 22.218 | 20.1 | 17.680 | 0.520 | 1.025 | 63.1 | 1.149 | 37.5 | -0.714 | 2.046 | -70.8 | 2.167 |
| 249155.4 | 843673.5 | 73.5 | 18.861 | 11.714 | 31.8 | 22.203 | 20.1 | 17.668 | 0.524 | 1.023 | 62.9 | 1.150 | 38.8 | -0.617 | 2.071 | -73.4 | 2.161 |
| 249154.7 | 843672.8 | 73.6 | 18.718 | 11.625 | 31.8 | 22.034 | 20.2 | 17.534 | 0.518 | 1.019 | 63.0 | 1.143 | 38.6 | -0.549 | 2.032 | -74.9 | 2.105 |
| 249154.0 | 843672.0 | 73.7 | 18.544 | 11.519 | 31.8 | 21.830 | 20.3 | 17.372 | 0.510 | 1.015 | 63.3 | 1.136 | 38.0 | -0.491 | 1.982 | -76.1 | 2.041 |
| 249153.3 | 843671.3 | 73.8 | 18.374 | 11.414 | 31.8 | 21.630 | 20.3 | 17.213 | 0.503 | 1.009 | 63.5 | 1.128 | 37.6 | -0.434 | 1.936 | -77.4 | 1.985 |
| 249152.6 | 843670.6 | 73.9 | 18.084 | 11.237 | 31.9 | 21.291 | 20.5 | 16.943 | 0.487 | 1.002 | 64.1 | 1.114 | 35.7 | -0.405 | 1.831 | -77.5 | 1.875 |
| 249151.9 | 843669.9 | 73.9 | 17.791 | 11.058 | 31.9 | 20.947 | 20.6 | 16.669 | 0.470 | 0.995 | 64.7 | 1.101 | 33.8 | -0.380 | 1.726 | -77.6 | 1.767 |
| 249151.2 | 843669.2 | 74.0 | 17.562 | 10.917 | 31.9 | 20.679 | 20.7 | 16.456 | 0.460 | 0.988 | 65.0 | 1.090 | 32.7 | -0.345 | 1.659 | -78.3 | 1.694 |
| 249150.5 | 843668.5 | 74.2 | 17.433 | 10.838 | 31.9 | 20.527 | 20.8 | 16.335 | 0.457 | 0.982 | 65.0 | 1.083 | 32.8 | -0.292 | 1.652 | -80.0 | 1.678 |
| 249149.9 | 843667.7 | 74.3 | 17.334 | 10.777 | 31.9 | 20.411 | 20.8 | 16.243 | 0.457 | 0.976 | 64.9 | 1.077 | 33.5 | -0.236 | 1.668 | -81.9 | 1.685 |
| 249149.2 | 843667.0 | 74.4 | 17.081 | 10.622 | 31.9 | 20.114 | 20.9 | 16.006 | 0.446 | 0.967 | 65.3 | 1.065 | 32.2 | -0.216 | 1.600 | -82.3 | 1.614 |
| 249148.5 | 843666.3 | 74.4 | 16.786 | 10.441 | 31.9 | 19.768 | 21.1 | 15.731 | 0.432 | 0.958 | 65.7 | 1.051 | 30.4 | -0.208 | 1.511 | -82.1 | 1.525 |
| 249147.8 | 843665.6 | 74.5 | 16.497 | 10.264 | 31.9 | 19.430 | 21.2 | 15.462 | 0.419 | 0.949 | 66.2 | 1.037 | 28.6 | -0.203 | 1.428 | -81.9 | 1.442 |
| 249147.1 | 843664.9 | 74.5 | 16.237 | 10.105 | 31.9 | 19.125 | 21.3 | 15.219 | 0.408 | 0.939 | 66.5 | 1.024 | 27.2 | -0.196 | 1.364 | -81.8 | 1.378 |
| 249146.4 | 843664.1 | 74.6 | 16.035 | 9.981 | 31.9 | 18.887 | 21.4 | 15.030 | 0.402 | 0.930 | 66.6 | 1.014 | 26.7 | -0.180 | 1.338 | -82.4 | 1.350 |
| 249145.7 | 843663.4 | 74.8 | 15.994 | 9.956 | 31.9 | 18.839 | 21.4 | 14.992 | 0.409 | 0.923 | 66.1 | 1.009 | 28.4 | -0.131 | 1.414 | -84.7 | 1.420 |
| 249145.0 | 843662.7 | 75.0 | 15.909 | 9.903 | 31.9 | 18.739 | 21.5 | 14.912 | 0.412 | 0.914 | 65.7 | 1.003 | 29.6 | -0.096 | 1.466 | -86.2 | 1.469 |
| 249144.3 | 843662.0 | 75.1 | 15.812 | 9.844 | 31.9 | 18.626 | 21.5 | 14.822 | 0.415 | 0.906 | 65.4 | 0.996 | 30.7 | -0.067 | 1.514 | -87.5 | 1.516 |
| 249143.6 | 843661.3 | 75.2 | 15.614 | 9.723 | 31.9 | 18.394 | 21.6 | 14.637 | 0.411 | 0.895 | 65.4 | 0.985 | 30.4 | -0.062 | 1.505 | -87.6 | 1.506 |
| 249142.9 | 843660.6 | 75.2 | 15.303 | 9.533 | 31.9 | 18.030 | 21.7 | 14.347 | 0.398 | 0.884 | 65.7 | 0.970 | 28.4 | -0.086 | 1.429 | -86.6 | 1.432 |
| 249142.2 | 843659.8 | 75.3 | 15.104 | 9.411 | 31.9 | 17.796 | 21.8 | 14.162 | 0.394 | 0.874 | 65.7 | 0.958 | 28.1 | -0.088 | 1.423 | -86.5 | 1.426 |
| 249141.5 | 843659.1 | 75.4 | 14.889 | 9.280 | 31.9 | 17.544 | 21.9 | 13.961 | 0.390 | 0.863 | 65.7 | 0.947 | 27.5 | -0.097 | 1.410 | -86.1 | 1.413 |
| 249140.8 | 843658.4 | 75.5 | 14.690 | 9.158 | 31.9 | 17.310 | 22.0 | 13.775 | 0.386 | 0.852 | 65.6 | 0.935 | 27.2 | -0.105 | 1.407 | -85.7 | 1.411 |
| 249140.1 | 843657.7 | 75.5 | 14.402 | 8.982 | 31.9 | 16.973 | 22.2 | 13.507 | 0.377 | 0.840 | 65.8 | 0.921 | 25.6 | -0.137 | 1.350 | -84.2 | 1.357 |
| 249139.4 | 843657.0 | 75.5 | 14.182 | 8.847 | 32.0 | 16.716 | 22.3 | 13.302 | 0.372 | 0.829 | 65.8 | 0.909 | 24.9 | -0.156 | 1.336 | -83.4 | 1.345 |
| 249138.7 | 843656.2 | 75.6 | 13.955 | 8.708 | 32.0 | 16.449 | 22.4 | 13.090 | 0.368 | 0.818 | 65.8 | 0.897 | 24.1 | -0.179 | 1.317 | -82.2 | 1.330 |
| 249138.0 | 843655.5 | 75.6 | 13.706 | 8.556 | 32.0 | 16.158 | 22.5 | 12.858 | 0.362 | 0.806 | 65.8 | 0.884 | 22.9 | -0.211 | 1.286 | -80.7 | 1.303 |
| 249137.3 | 843654.8 | 75.6 | 13.454 | 8.402 | 32.0 | 15.863 | 22.6 | 12.623 | 0.356 | 0.794 | 65.8 | 0.871 | 21.6 | -0.246 | 1.250 | -78.9 | 1.274 |
| 249136.6 | 843654.1 | 75.7 | 13.208 | 8.252 | 32.0 | 15.573 | 22.8 | 12.393 | 0.351 | 0.783 | 65.8 | 0.858 | 20.4 | -0.283 | 1.218 | -76.9 | 1.250 |
| 249135.9 | 843653.4 | 75.7 | 13.008 | 8.130 | 32.0 | 15.339 | 22.9 | 12.207 | 0.349 | 0.772 | 65.7 | 0.847 | 19.9 | -0.310 | 1.215 | -75.7 | 1.254 |
| 249135.2 | 843652.7 | 75.9 | 12.890 | 8.058 | 32.0 | 15.202 | 22.9 | 12.097 | 0.351 | 0.762 | 65.3 | 0.839 | 20.7 | -0.316 | 1.266 | -76.0 | 1.305 |
| 249134.5 | 843651.9 | 75.9 | 12.691 | 7.937 | 32.0 | 14.968 | 23.0 | 11.911 | 0.348 | 0.752 | 65.1 | 0.828 | 20.1 | -0.347 | 1.260 | -74.6 | 1.307 |
| 249133.8 | 843651.2 | 75.9 | 12.440 | 7.784 | 32.0 | 14.675 | 23.2 | 11.678 | 0.344 | 0.741 | 65.1 | 0.816 | 18.6 | -0.393 | 1.219 | -72.1 | 1.280 |
| 249133.1 | 843650.5 | 75.9 | 12.196 | 7.635 | 32.0 | 14.389 | 23.3 | 11.450 | 0.339 | 0.730 | 65.1 | 0.805 | 17.0 | -0.440 | 1.178 | -69.5 | 1.257 |
| 249132.5 | 843649.8 | 75.9 | 11.958 | 7.490 | 32.1 | 14.110 | 23.4 | 11.228 | 0.335 | 0.720 | 65.0 | 0.794 | 15.5 | -0.487 | 1.138 | -66.8 | 1.238 |
| 249131.8 | 843649.1 | 76.0 | 11.797 | 7.393 | 32.1 | 13.922 | 23.5 | 11.079 | 0.335 | 0.710 | 64.8 | 0.785 | 15.3 | -0.513 | 1.149 | -65.9 | 1.258 |
| 249131.1 | 843648.3 | 76.1 | 11.645 | 7.302 | 32.1 | 13.745 | 23.6 | 10.938 | 0.334 | 0.701 | 64.5 | 0.777 | 15.2 | -0.536 | 1.163 | -65.2 | 1.280 |
| 249130.4 | 843647.6 | 76.2 | 11.497 | 7.212 | 32.1 | 13.571 | 23.7 | 10.800 | 0.333 | 0.693 | 64.3 | 0.769 | 15.2 | -0.560 | 1.176 | -64.5 | 1.302 |
| 249129.7 | 843646.9 | 76.3 | 11.351 | 7.124 | 32.1 | 13.401 | 23.8 | 10.664 | 0.333 | 0.685 | 64.1 | 0.761 | 15.0 | -0.583 | 1.187 | -63.9 | 1.322 |
| 249129.0 | 843646.2 | 76.4 | 11.223 | 7.048 | 32.1 | 13.253 | 23.9 | 10.546 | 0.332 | 0.677 | 63.9 | 0.754 | 15.2 | -0.600 | 1.208 | -63.6 | 1.349 |
| 249128.3 | 843645.5 | 76.4 | 11.049 | 6.943 | 32.1 | 13.049 | 24.0 | 10.384 | 0.330 | 0.669 | 63.8 | 0.746 | 14.4 | -0.633 | 1.191 | -62.0 | 1.349 |
| 249127.6 | 843644.8 | 76.5 | 10.878 | 6.840 | 32.2 | 12.850 | 24.1 | 10.226 | 0.327 | 0.662 | 63.7 | 0.739 | 13.5 | -0.667 | 1.172 | -60.4 | 1.348 |
| 249126.9 | 843644.0 | 76.5 | 10.712 | 6.740 | 32.2 | 12.656 | 24.2 | 10.071 | 0.325 | 0.655 | 63.6 | 0.731 | 12.7 | -0.699 | 1.152 | -58.8 | 1.347 |
| 249126.2 | 843643.3 | 76.6 | 10.585 | 6.664 | 32.2 | 12.508 | 24.3 | 9.953 | 0.324 | 0.649 | 63.5 | 0.725 | 12.5 | -0.718 | 1.156 | -58.1 | 1.361 |
| 249125.5 | 843642.6 | 76.7 | 10.467 | 6.594 | 32.2 | 12.371 | 24.4 | 9.844 | 0.322 | 0.643 | 63.4 | 0.719 | 12.4 | -0.735 | 1.162 | -57.7 | 1.375 |
| 249124.8 | 843641.9 | 76.8 | 10.353 | 6.527 | 32.2 | 12.239 | 24.5 | 9.739 | 0.321 | 0.638 | 63.3 | 0.714 | 12.4 | -0.751 | 1.167 | -57.2 | 1.387 |
| 249124.1 | 843641.2 | 76.9 | 10.257 | 6.471 | 32.2 | 12.127 | 24.6 | 9.651 | 0.319 | 0.634 | 63.3 | 0.709 | 12.5 | -0.761 | 1.179 | -57.2 | 1.403 |
| 249123.4 | 843640.4 | 77.0 | 10.156 | 6.412 | 32.3 | 12.011 | 24.7 | 9.558 | 0.317 | 0.629 | 63.3 | 0.705 | 12.5 | -0.773 | 1.184 | -56.9 | 1.414 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249122.7 | 843639.7 | 77.1 | 10.077 | 6.366 | 32.3 | 11.919 | 24.7 | 9.485 | 0.316 | 0.626 | 63.2 | 0.701 | 12.8 | -0.778 | 1.199 | -57.0 | 1.430 |
| 249122.0 | 843639.0 | 77.2 | 10.029 | 6.339 | 32.3 | 11.865 | 24.8 | 9.442 | 0.315 | 0.623 | 63.2 | 0.698 | 13.6 | -0.773 | 1.233 | -57.9 | 1.456 |
| 249121.3 | 843638.3 | 77.4 | 9.977 | 6.310 | 32.3 | 11.805 | 24.8 | 9.394 | 0.313 | 0.620 | 63.2 | 0.695 | 14.2 | -0.771 | 1.259 | -58.5 | 1.477 |
| 249120.6 | 843637.6 | 77.5 | 9.911 | 6.272 | 32.3 | 11.729 | 24.9 | 9.333 | 0.311 | 0.618 | 63.3 | 0.692 | 14.4 | -0.775 | 1.269 | -58.6 | 1.487 |
| 249119.9 | 843636.9 | 77.6 | 9.863 | 6.245 | 32.3 | 11.674 | 25.0 | 9.290 | 0.309 | 0.617 | 63.4 | 0.690 | 14.7 | -0.775 | 1.287 | -58.9 | 1.502 |
| 249119.2 | 843636.1 | 77.8 | 9.890 | 6.264 | 32.3 | 11.706 | 25.0 | 9.316 | 0.309 | 0.616 | 63.3 | 0.690 | 16.5 | -0.749 | 1.356 | -61.1 | 1.550 |
| 249118.5 | 843635.4 | 78.0 | 9.920 | 6.285 | 32.4 | 11.743 | 25.0 | 9.345 | 0.310 | 0.616 | 63.3 | 0.690 | 18.2 | -0.725 | 1.423 | -63.0 | 1.597 |
| 249117.8 | 843634.7 | 78.1 | 9.892 | 6.270 | 32.4 | 11.712 | 25.0 | 9.320 | 0.308 | 0.616 | 63.5 | 0.689 | 18.5 | -0.724 | 1.440 | -63.3 | 1.611 |
| 249117.1 | 843634.0 | 78.3 | 9.868 | 6.256 | 32.4 | 11.684 | 25.0 | 9.298 | 0.305 | 0.617 | 63.7 | 0.688 | 18.7 | -0.725 | 1.453 | -63.5 | 1.623 |
| 249116.4 | 843633.3 | 78.4 | 9.849 | 6.244 | 32.4 | 11.661 | 25.0 | 9.280 | 0.303 | 0.617 | 63.9 | 0.688 | 18.8 | -0.727 | 1.463 | -63.6 | 1.634 |
| 249115.7 | 843632.5 | 78.6 | 9.899 | 6.275 | 32.4 | 11.720 | 24.9 | 9.327 | 0.303 | 0.619 | 64.0 | 0.689 | 20.2 | -0.708 | 1.521 | -65.0 | 1.677 |
| 249115.1 | 843631.8 | 78.7 | 9.959 | 6.312 | 32.4 | 11.791 | 24.9 | 9.383 | 0.303 | 0.622 | 64.0 | 0.692 | 21.5 | -0.690 | 1.580 | -66.4 | 1.724 |
| 249114.4 | 843631.1 | 78.9 | 10.045 | 6.364 | 32.4 | 11.891 | 24.8 | 9.463 | 0.304 | 0.625 | 64.1 | 0.695 | 23.2 | -0.667 | 1.652 | -68.0 | 1.781 |

Max BF along centerline is 45.847 (uT) at 280.000 (m) from structure [redacted]-4

Cross section results at max BF along centerline between structures [redacted]-4 and [redacted]-5






3D EMF Point Results Span from [redacted]-4 to [redacted]-5:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 249254.0 | 843753.4 | 59.4 | 28.721 | 13.651 | 25.4 | 31.801 | 30.4 | 25.306 | 3.601 | 1.079 | 16.7 | 3.759 | 6.2 | 5.834 | -1.629 | -15.6 | 6.057 |
| 249253.3 | 843754.1 | 59.4 | 30.975 | 14.340 | 24.8 | 34.134 | 28.6 | 27.163 | 3.991 | 1.046 | 14.7 | 4.126 | 5.5 | 6.430 | -1.569 | -13.7 | 6.618 |
| 249252.6 | 843754.8 | 59.4 | 33.096 | 15.000 | 24.4 | 36.337 | 26.7 | 28.916 | 4.341 | 0.995 | 12.9 | 4.454 | 4.9 | 6.864 | -1.459 | -12.0 | 7.018 |
| 249251.9 | 843755.5 | 59.3 | 34.569 | 15.504 | 24.2 | 37.887 | 24.8 | 30.149 | 4.609 | 0.926 | 11.4 | 4.701 | 4.0 | 6.691 | -1.227 | -10.4 | 6.803 |
| 249251.2 | 843756.2 | 59.2 | 35.757 | 15.984 | 24.1 | 39.167 | 23.0 | 31.168 | 4.784 | 0.840 | 10.0 | 4.857 | 3.3 | 6.321 | -0.992 | -8.9 | 6.398 |
| 249250.4 | 843756.9 | 59.0 | 36.592 | 16.436 | 24.2 | 40.113 | 21.3 | 31.921 | 4.846 | 0.738 | 8.7 | 4.901 | 2.8 | 5.741 | -0.760 | -7.5 | 5.792 |
| 249249.7 | 843757.5 | 58.9 | 37.283 | 16.924 | 24.4 | 40.945 | 19.8 | 32.583 | 4.788 | 0.622 | 7.4 | 4.828 | 2.5 | 5.191 | -0.566 | -6.2 | 5.221 |
| 249249.0 | 843758.2 | 58.8 | 37.902 | 17.476 | 24.8 | 41.737 | 18.3 | 33.213 | 4.610 | 0.492 | 6.1 | 4.637 | 2.4 | 4.750 | -0.410 | -4.9 | 4.768 |
| 249248.3 | 843758.9 | 58.8 | 38.285 | 18.042 | 25.2 | 42.323 | 16.9 | 33.680 | 4.317 | 0.348 | 4.6 | 4.331 | 2.6 | 4.277 | -0.263 | -3.5 | 4.285 |
| 249247.6 | 843759.6 | 58.8 | 38.917 | 18.784 | 25.8 | 43.213 | 15.6 | 34.388 | 3.933 | 0.210 | 3.1 | 3.939 | 3.4 | 4.135 | -0.140 | -1.9 | 4.137 |
| 249246.9 | 843760.3 | 58.9 | 39.551 | 19.635 | 26.4 | 44.156 | 14.3 | 35.138 | 3.475 | 0.181 | 3.0 | 3.480 | 5.2 | 4.041 | 0.011 | 0.2 | 4.041 |
| 249246.1 | 843761.0 | 58.8 | 39.039 | 20.146 | 27.3 | 43.931 | 13.6 | 34.959 | 2.940 | 0.315 | 6.1 | 2.957 | 6.8 | 3.267 | 0.164 | 2.9 | 3.271 |
| 249245.4 | 843761.7 | 58.8 | 39.132 | 20.967 | 28.2 | 44.395 | 12.8 | 35.328 | 2.386 | 0.554 | 13.1 | 2.449 | 11.6 | 2.917 | 0.354 | 6.9 | 2.938 |
| 249244.7 | 843762.4 | 58.9 | 39.341 | 21.930 | 29.1 | 45.041 | 12.1 | 35.842 | 1.826 | 0.838 | 24.6 | 2.009 | 21.2 | 2.586 | 0.614 | 13.4 | 2.658 |
| 249244.0 | 843763.1 | 59.0 | 39.390 | 22.902 | 30.2 | 45.564 | 11.7 | 36.258 | 1.278 | 1.158 | 42.2 | 1.724 | 35.3 | 2.134 | 0.920 | 23.3 | 2.324 |
| 249243.3 | 843763.8 | 59.0 | 39.144 | 23.777 | 31.3 | 45.800 | 11.6 | 36.446 | 0.777 | 1.513 | 62.8 | 1.701 | 38.6 | 1.587 | 1.206 | 37.2 | 1.993 |
| 249242.5 | 843764.5 | 59.0 | 38.829 | 24.639 | 32.4 | 45.987 | 11.8 | 36.595 | 0.528 | 1.903 | 74.5 | 1.975 | 26.9 | 1.049 | 1.493 | 54.9 | 1.825 |
| 249241.8 | 843765.2 | 59.0 | 38.606 | 25.576 | 33.5 | 46.309 | 12.1 | 36.852 | 0.805 | 2.326 | 70.9 | 2.461 | 16.8 | 0.522 | 1.846 | 74.2 | 1.919 |
| 249241.1 | 843765.9 | 59.0 | 38.244 | 26.417 | 34.6 | 46.481 | 12.8 | 36.988 | 1.274 | 2.767 | 65.3 | 3.046 | 10.4 | 0.025 | 2.163 | 89.3 | 2.164 |
| 249240.4 | 843766.6 | 59.0 | 37.811 | 27.184 | 35.7 | 46.569 | 13.6 | 37.058 | 1.768 | 3.211 | 61.2 | 3.666 | 6.8 | -0.436 | 2.472 | -80.0 | 2.510 |
| 249239.7 | 843767.3 | 59.0 | 37.561 | 28.078 | 36.8 | 46.896 | 14.6 | 37.318 | 2.248 | 3.640 | 58.3 | 4.278 | 5.0 | -0.992 | 2.981 | -71.6 | 3.142 |
| 249239.0 | 843768.0 | 59.2 | 37.551 | 29.180 | 37.9 | 47.556 | 15.6 | 37.844 | 2.690 | 4.030 | 56.3 | 4.845 | 4.2 | -1.765 | 3.815 | -65.2 | 4.203 |
| 249238.2 | 843768.7 | 59.3 | 37.285 | 30.042 | 38.9 | 47.882 | 16.9 | 38.103 | 3.062 | 4.342 | 54.8 | 5.313 | 3.7 | -2.535 | 4.605 | -61.2 | 5.256 |
| 249237.5 | 843769.4 | 59.4 | 36.480 | 30.330 | 39.7 | 47.442 | 18.5 | 37.753 | 3.343 | 4.535 | 53.6 | 5.634 | 3.4 | -3.090 | 5.067 | -58.6 | 5.935 |
| 249236.8 | 843770.1 | 59.4 | 35.320 | 30.167 | 40.5 | 46.449 | 20.2 | 36.963 | 3.527 | 4.590 | 52.5 | 5.789 | 3.4 | -3.501 | 5.315 | -56.6 | 6.365 |
| 249236.1 | 843770.8 | 59.4 | 33.905 | 29.624 | 41.1 | 45.024 | 22.1 | 35.829 | 3.611 | 4.501 | 51.3 | 5.771 | 3.7 | -3.811 | 5.408 | -54.8 | 6.616 |
| 249235.4 | 843771.5 | 59.5 | 32.505 | 28.989 | 41.7 | 43.554 | 24.1 | 34.659 | 3.607 | 4.289 | 49.9 | 5.604 | 4.3 | -4.218 | 5.578 | -52.9 | 6.993 |
| 249234.6 | 843772.2 | 59.7 | 30.901 | 28.000 | 42.2 | 41.700 | 26.2 | 33.184 | 3.518 | 3.965 | 48.4 | 5.300 | 5.0 | -4.508 | 5.556 | -50.9 | 7.155 |
| 249233.9 | 843772.9 | 59.8 | 29.156 | 26.718 | 42.5 | 39.547 | 28.3 | 31.470 | 3.362 | 3.562 | 46.7 | 4.898 | 6.0 | -4.681 | 5.355 | -48.8 | 7.112 |
| 249233.2 | 843773.6 | 59.8 | 27.091 | 24.908 | 42.6 | 36.801 | 30.4 | 29.285 | 3.152 | 3.105 | 44.6 | 4.425 | 6.8 | -4.478 | 4.752 | -46.7 | 6.529 |
| 249232.5 | 843774.3 | 59.7 | 24.918 | 22.834 | 42.5 | 33.798 | 32.4 | 26.895 | 2.913 | 2.636 | 42.1 | 3.928 | 7.5 | -4.032 | 3.955 | -44.4 | 5.648 |

Centerline results between structures [redacted]-5 and [redacted]-6

3D EMF Point Results Centerline from [redacted]-5 to [redacted]-6:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 249114.8 | 843631.6 | 78.8 | 9.982 | 6.326 | 32.4 | 11.818 | 24.8 | 9.404 | 0.303 | 0.623 | 64.1 | 0.693 | 22.0 | -0.684 | 1.600 | -66.9 | 1.740 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249114.1 | 843630.9 | 79.0 | 10.078 | 6.385 | 32.4 | 11.931 | 24.7 | 9.494 | 0.305 | 0.626 | 64.1 | 0.696 | 23.8 | -0.659 | 1.678 | -68.6 | 1.803 |
| 249113.4 | 843630.2 | 79.2 | 10.131 | 6.415 | 32.3 | 11.992 | 24.6 | 9.543 | 0.304 | 0.630 | 64.3 | 0.699 | 24.5 | -0.653 | 1.716 | -69.2 | 1.837 |
| 249112.7 | 843629.4 | 79.3 | 10.162 | 6.431 | 32.3 | 12.026 | 24.5 | 9.570 | 0.301 | 0.633 | 64.6 | 0.701 | 24.6 | -0.659 | 1.732 | -69.2 | 1.853 |
| 249112.0 | 843628.7 | 79.4 | 10.201 | 6.451 | 32.3 | 12.069 | 24.4 | 9.604 | 0.298 | 0.637 | 64.9 | 0.703 | 24.6 | -0.665 | 1.747 | -69.1 | 1.869 |
| 249111.3 | 843628.0 | 79.5 | 10.250 | 6.476 | 32.3 | 12.125 | 24.3 | 9.649 | 0.295 | 0.641 | 65.3 | 0.705 | 24.7 | -0.672 | 1.764 | -69.1 | 1.888 |
| 249110.6 | 843627.3 | 79.6 | 10.297 | 6.499 | 32.3 | 12.176 | 24.2 | 9.690 | 0.291 | 0.645 | 65.7 | 0.708 | 24.5 | -0.684 | 1.774 | -68.9 | 1.901 |
| 249109.9 | 843626.6 | 79.6 | 10.330 | 6.513 | 32.2 | 12.212 | 24.0 | 9.718 | 0.286 | 0.650 | 66.3 | 0.710 | 23.9 | -0.702 | 1.768 | -68.3 | 1.902 |
| 249109.3 | 843625.8 | 79.7 | 10.374 | 6.533 | 32.2 | 12.260 | 23.8 | 9.756 | 0.281 | 0.654 | 66.8 | 0.712 | 23.3 | -0.720 | 1.765 | -67.8 | 1.906 |
| 249108.6 | 843625.1 | 79.7 | 10.417 | 6.552 | 32.2 | 12.307 | 23.7 | 9.793 | 0.275 | 0.659 | 67.4 | 0.715 | 22.6 | -0.741 | 1.757 | -67.1 | 1.907 |
| 249107.9 | 843624.4 | 79.8 | 10.464 | 6.573 | 32.1 | 12.357 | 23.5 | 9.833 | 0.269 | 0.665 | 68.0 | 0.717 | 21.8 | -0.764 | 1.747 | -66.4 | 1.907 |
| 249107.2 | 843623.7 | 79.8 | 10.501 | 6.587 | 32.1 | 12.396 | 23.3 | 9.864 | 0.262 | 0.670 | 68.6 | 0.719 | 20.7 | -0.790 | 1.727 | -65.4 | 1.899 |
| 249106.5 | 843623.0 | 79.8 | 10.523 | 6.592 | 32.1 | 12.417 | 23.1 | 9.882 | 0.254 | 0.675 | 69.4 | 0.721 | 19.3 | -0.822 | 1.692 | -64.1 | 1.881 |
| 249105.8 | 843622.3 | 79.8 | 10.558 | 6.605 | 32.0 | 12.454 | 22.9 | 9.910 | 0.246 | 0.681 | 70.1 | 0.724 | 18.0 | -0.852 | 1.663 | -62.9 | 1.868 |
| 249105.1 | 843621.5 | 79.8 | 10.598 | 6.621 | 32.0 | 12.496 | 22.8 | 9.944 | 0.238 | 0.686 | 70.9 | 0.726 | 16.7 | -0.881 | 1.635 | -61.7 | 1.857 |
| 249104.4 | 843620.8 | 79.8 | 10.642 | 6.639 | 32.0 | 12.544 | 22.6 | 9.982 | 0.230 | 0.692 | 71.6 | 0.729 | 15.4 | -0.910 | 1.608 | -60.5 | 1.848 |
| 249103.7 | 843620.1 | 79.8 | 10.691 | 6.661 | 31.9 | 12.596 | 22.4 | 10.023 | 0.222 | 0.698 | 72.4 | 0.733 | 14.2 | -0.939 | 1.582 | -59.3 | 1.840 |
| 249103.0 | 843619.4 | 79.9 | 10.789 | 6.713 | 31.9 | 12.707 | 22.2 | 10.112 | 0.216 | 0.705 | 73.0 | 0.737 | 13.8 | -0.956 | 1.593 | -59.0 | 1.858 |
| 249102.3 | 843618.7 | 79.9 | 10.905 | 6.777 | 31.9 | 12.839 | 21.9 | 10.217 | 0.210 | 0.712 | 73.5 | 0.742 | 13.7 | -0.971 | 1.615 | -59.0 | 1.885 |
| 249101.6 | 843617.9 | 80.0 | 11.014 | 6.837 | 31.8 | 12.964 | 21.7 | 10.316 | 0.204 | 0.718 | 74.1 | 0.747 | 13.5 | -0.988 | 1.631 | -58.8 | 1.907 |
| 249100.9 | 843617.2 | 80.0 | 11.076 | 6.868 | 31.8 | 13.033 | 21.5 | 10.371 | 0.196 | 0.725 | 74.9 | 0.751 | 12.4 | -1.014 | 1.609 | -57.8 | 1.902 |
| 249100.2 | 843616.5 | 80.0 | 11.133 | 6.896 | 31.8 | 13.096 | 21.4 | 10.421 | 0.186 | 0.731 | 75.7 | 0.755 | 11.1 | -1.040 | 1.582 | -56.7 | 1.893 |
| 249099.5 | 843615.8 | 80.0 | 11.192 | 6.924 | 31.7 | 13.161 | 21.2 | 10.473 | 0.177 | 0.738 | 76.5 | 0.759 | 9.9 | -1.064 | 1.555 | -55.6 | 1.884 |
| 249098.8 | 843615.1 | 80.0 | 11.277 | 6.971 | 31.7 | 13.258 | 21.0 | 10.550 | 0.169 | 0.745 | 77.2 | 0.763 | 9.2 | -1.083 | 1.548 | -55.0 | 1.889 |
| 249098.1 | 843614.4 | 80.1 | 11.397 | 7.039 | 31.7 | 13.396 | 20.8 | 10.660 | 0.161 | 0.752 | 77.9 | 0.769 | 9.0 | -1.096 | 1.566 | -55.0 | 1.911 |
| 249097.4 | 843613.6 | 80.2 | 11.521 | 7.110 | 31.7 | 13.538 | 20.6 | 10.773 | 0.154 | 0.759 | 78.5 | 0.775 | 9.0 | -1.107 | 1.586 | -55.1 | 1.934 |
| 249096.7 | 843612.9 | 80.2 | 11.645 | 7.181 | 31.7 | 13.681 | 20.4 | 10.887 | 0.147 | 0.766 | 79.2 | 0.780 | 8.9 | -1.118 | 1.606 | -55.1 | 1.957 |
| 249096.0 | 843612.2 | 80.3 | 11.771 | 7.254 | 31.6 | 13.827 | 20.2 | 11.003 | 0.139 | 0.774 | 79.8 | 0.786 | 8.9 | -1.128 | 1.626 | -55.2 | 1.979 |
| 249095.3 | 843611.5 | 80.4 | 11.898 | 7.328 | 31.6 | 13.974 | 20.0 | 11.120 | 0.132 | 0.782 | 80.4 | 0.793 | 8.9 | -1.137 | 1.646 | -55.4 | 2.000 |
| 249094.6 | 843610.8 | 80.4 | 11.994 | 7.383 | 31.6 | 14.084 | 19.8 | 11.208 | 0.122 | 0.789 | 81.2 | 0.798 | 8.4 | -1.148 | 1.641 | -55.0 | 2.003 |
| 249093.9 | 843610.0 | 80.4 | 12.054 | 7.416 | 31.6 | 14.152 | 19.6 | 11.262 | 0.111 | 0.796 | 82.1 | 0.804 | 7.4 | -1.161 | 1.609 | -54.2 | 1.984 |
| 249093.2 | 843609.3 | 80.4 | 12.133 | 7.461 | 31.6 | 14.244 | 19.5 | 11.335 | 0.100 | 0.804 | 82.9 | 0.810 | 6.7 | -1.170 | 1.591 | -53.7 | 1.975 |
| 249092.5 | 843608.6 | 80.5 | 12.294 | 7.558 | 31.6 | 14.431 | 19.3 | 11.484 | 0.094 | 0.812 | 83.4 | 0.817 | 7.2 | -1.172 | 1.634 | -54.4 | 2.011 |
| 249091.9 | 843607.9 | 80.7 | 12.520 | 7.696 | 31.6 | 14.696 | 19.0 | 11.695 | 0.094 | 0.820 | 83.4 | 0.826 | 8.6 | -1.169 | 1.727 | -55.9 | 2.085 |
| 249091.2 | 843607.2 | 80.8 | 12.681 | 7.794 | 31.6 | 14.885 | 18.8 | 11.845 | 0.091 | 0.829 | 83.7 | 0.834 | 9.1 | -1.171 | 1.770 | -56.5 | 2.122 |
| 249090.5 | 843606.5 | 80.8 | 12.841 | 7.892 | 31.6 | 15.072 | 18.6 | 11.994 | 0.089 | 0.837 | 83.9 | 0.842 | 9.6 | -1.173 | 1.811 | -57.1 | 2.158 |
| 249089.8 | 843605.7 | 80.9 | 12.954 | 7.960 | 31.6 | 15.204 | 18.5 | 12.099 | 0.084 | 0.845 | 84.3 | 0.849 | 9.4 | -1.177 | 1.816 | -57.1 | 2.164 |
| 249089.1 | 843605.0 | 81.1 | 13.206 | 8.117 | 31.6 | 15.501 | 18.2 | 12.335 | 0.095 | 0.854 | 83.6 | 0.859 | 11.0 | -1.177 | 1.925 | -58.6 | 2.256 |
| 249088.4 | 843604.3 | 81.0 | 13.203 | 8.113 | 31.6 | 15.497 | 18.1 | 12.332 | 0.080 | 0.861 | 84.7 | 0.865 | 9.3 | -1.181 | 1.844 | -57.4 | 2.190 |
| 249087.7 | 843603.6 | 80.9 | 13.087 | 8.036 | 31.6 | 15.358 | 18.1 | 12.221 | 0.055 | 0.867 | 86.3 | 0.869 | 6.4 | -1.182 | 1.675 | -54.8 | 2.050 |
| 249087.0 | 843602.9 | 80.9 | 13.182 | 8.094 | 31.6 | 15.469 | 17.9 | 12.310 | 0.055 | 0.875 | 86.4 | 0.877 | 6.1 | -1.181 | 1.666 | -54.7 | 2.042 |
| 249086.3 | 843602.2 | 80.9 | 13.282 | 8.156 | 31.6 | 15.586 | 17.8 | 12.403 | 0.058 | 0.883 | 86.2 | 0.885 | 5.8 | -1.179 | 1.660 | -54.6 | 2.036 |
| 249085.6 | 843601.4 | 81.0 | 13.381 | 8.217 | 31.6 | 15.702 | 17.6 | 12.496 | 0.063 | 0.891 | 85.9 | 0.893 | 5.6 | -1.176 | 1.654 | -54.6 | 2.030 |
| 249084.9 | 843600.7 | 81.1 | 13.595 | 8.352 | 31.6 | 15.956 | 17.4 | 12.697 | 0.078 | 0.900 | 85.0 | 0.903 | 6.4 | -1.179 | 1.737 | -55.8 | 2.099 |
| 249084.2 | 843600.0 | 81.1 | 13.677 | 8.404 | 31.6 | 16.053 | 17.3 | 12.774 | 0.084 | 0.908 | 84.7 | 0.911 | 6.0 | -1.176 | 1.718 | -55.6 | 2.082 |
| 249083.5 | 843599.3 | 81.2 | 13.829 | 8.500 | 31.6 | 16.232 | 17.1 | 12.917 | 0.096 | 0.916 | 84.0 | 0.921 | 6.2 | -1.177 | 1.753 | -56.1 | 2.112 |
| 249082.8 | 843598.6 | 81.3 | 13.990 | 8.603 | 31.6 | 16.423 | 16.9 | 13.069 | 0.109 | 0.924 | 83.3 | 0.930 | 6.6 | -1.180 | 1.795 | -56.7 | 2.149 |
| 249082.1 | 843597.8 | 81.3 | 14.042 | 8.635 | 31.6 | 16.485 | 16.8 | 13.118 | 0.115 | 0.932 | 82.9 | 0.939 | 5.8 | -1.176 | 1.754 | -56.2 | 2.111 |
| 249081.4 | 843597.1 | 81.3 | 14.094 | 8.668 | 31.6 | 16.546 | 16.7 | 13.167 | 0.123 | 0.939 | 82.5 | 0.947 | 5.1 | -1.170 | 1.713 | -55.7 | 2.074 |
| 249080.7 | 843596.4 | 81.4 | 14.205 | 8.739 | 31.6 | 16.678 | 16.5 | 13.272 | 0.134 | 0.947 | 81.9 | 0.957 | 5.0 | -1.169 | 1.717 | -55.7 | 2.077 |
| 249080.0 | 843595.7 | 81.5 | 14.361 | 8.840 | 31.6 | 16.864 | 16.3 | 13.420 | 0.147 | 0.955 | 81.2 | 0.967 | 5.2 | -1.174 | 1.756 | -56.2 | 2.112 |
| 249079.3 | 843595.0 | 81.6 | 14.526 | 8.948 | 31.6 | 17.061 | 16.2 | 13.577 | 0.161 | 0.964 | 80.5 | 0.977 | 5.6 | -1.181 | 1.802 | -56.8 | 2.155 |
| 249078.6 | 843594.3 | 81.6 | 14.600 | 8.996 | 31.6 | 17.149 | 16.0 | 13.647 | 0.171 | 0.971 | 80.0 | 0.986 | 5.1 | -1.178 | 1.778 | -56.5 | 2.133 |
| 249077.9 | 843593.5 | 81.6 | 14.647 | 9.027 | 31.6 | 17.205 | 15.9 | 13.691 | 0.181 | 0.979 | 79.5 | 0.995 | 4.4 | -1.170 | 1.733 | -56.0 | 2.091 |
| 249077.2 | 843592.8 | 81.6 | 14.688 | 9.054 | 31.7 | 17.254 | 15.8 | 13.731 | 0.192 | 0.986 | 79.0 | 1.005 | 3.8 | -1.161 | 1.683 | -55.4 | 2.045 |
| 249076.5 | 843592.1 | 81.6 | 14.728 | 9.081 | 31.7 | 17.303 | 15.7 | 13.769 | 0.203 | 0.994 | 78.5 | 1.014 | 3.3 | -1.150 | 1.632 | -54.8 | 1.996 |
| 249075.8 | 843591.4 | 81.6 | 14.769 | 9.108 | 31.7 | 17.352 | 15.6 | 13.808 | 0.215 | 1.001 | 77.9 | 1.024 | 2.9 | -1.139 | 1.580 | -54.2 | 1.948 |
| 249075.1 | 843590.7 | 81.6 | 14.811 | 9.137 | 31.7 | 17.402 | 15.5 | 13.848 | 0.227 | 1.009 | 77.3 | 1.034 | 2.8 | -1.126 | 1.529 | -53.6 | 1.899 |
| 249074.5 | 843589.9 | 81.7 | 14.946 | 9.227 | 31.7 | 17.565 | 15.3 | 13.978 | 0.240 | 1.017 | 76.7 | 1.045 | 2.7 | -1.130 | 1.552 | -53.9 | 1.920 |
| 249073.8 | 843589.2 | 81.7 | 15.080 | 9.316 | 31.7 | 17.726 | 15.2 | 14.106 | 0.253 | 1.025 | 76.1 | 1.056 | 2.7 | -1.135 | 1.573 | -54.2 | 1.940 |
| 249073.1 | 843588.5 | 81.8 | 15.194 | 9.393 | 31.7 | 17.863 | 15.1 | 14.215 | 0.266 | 1.033 | 75.6 | 1.067 | 2.6 | -1.135 | 1.578 | -54.3 | 1.944 |
| 249072.4 | 843587.8 | 81.9 | 15.310 | 9.471 | 31.7 | 18.002 | 14.9 | 14.326 | 0.279 | 1.042 | 75.0 | 1.079 | 2.5 | -1.136 | 1.584 | -54.3 | 1.950 |
| 249071.7 | 843587.1 | 82.0 | 15.482 | 9.587 | 31.8 | 18.210 | 14.7 | 14.491 | 0.293 | 1.051 | 74.4 | 1.091 | 2.6 | -1.150 | 1.635 | -54.9 | 1.999 |
| 249071.0 | 843586.4 | 82.1 | 15.653 | 9.703 | 31.8 | 18.416 | 14.6 | 14.655 | 0.307 | 1.059 | 73.9 | 1.103 | 2.8 | -1.165 | 1.683 | -55.3 | 2.047 |
| 249070.3 | 843585.6 | 82.2 | 15.824 | 9.819 | 31.8 | 18.623 | 14.4 | 14.820 | 0.321 | 1.068 | 73.3 | 1.116 | 3.1 | -1.181 | 1.731 | -55.7 | 2.095 |
| 249069.6 | 843584.9 | 82.2 | 15.889 | 9.865 | 31.8 | 18.703 | 14.3 | 14.883 | 0.334 | 1.077 | 72.8 | 1.127 | 2.7 | -1.171 | 1.694 | -55.4 | 2.060 |
| 249068.9 | 843584.2 | 82.2 | 15.947 | 9.907 | 31.8 | 18.774 | 14.2 | 14.940 | 0.347 | 1.085 | 72.3 | 1.139 | 2.4 | -1.159 | 1.651 | -54.9 | 2.017 |
| 249068.2 | 843583.5 | 82.3 | 16.080 | 9.999 | 31.9 | 18.935 | 14.0 | 15.068 | 0.361 | 1.094 | 71.8 | 1.152 | 2.4 | -1.166 | 1.666 | -55.0 | 2.034 |
| 249067.5 | 843582.8 | 82.4 | 16.247 | 10.114 | 31.9 | 19.138 | 13.9 | 15.229 | 0.375 | 1.104 | 71.2 | 1.166 | 2.6 | -1.182 | 1.708 | -55.3 | 2.077 |
| 249066.8 | 843582.0 | 82.5 | 16.340 | 10.180 | 31.9 | 19.252 | 13.8 | 15.320 | 0.389 | 1.113 | 70.7 | 1.179 | 2.4 | -1.179 | 1.691 | -55.1 | 2.061 |
| 249066.1 | 843581.3 | 82.5 | 16.431 | 10.245 | 31.9 | 19.363 | 13.6 | 15.409 | 0.403 | 1.122 | 70.3 | 1.192 | 2.2 | -1.175 | 1.670 | -54.9 | 2.042 |
| 249065.4 | 843580.6 | 82.5 | 16.520 | 10.309 | 32.0 | 19.473 | 13.5 | 15.496 | 0.416 | 1.131 | 69.8 | 1.205 | 2.1 | -1.171 | 1.648 | -54.6 | 2.021 |
| 249064.7 | 843579.9 | 82.6 | 16.587 | 10.358 | 32.0 | 19.555 | 13.4 | 15.562 | 0.430 | 1.140 | 69.3 | 1.219 | 1.8 | -1.159 | 1.606 | -54.2 | 1.981 |
| 249064.0 | 843579.2 | 82.6 | 16.657 | 10.409 | 32.0 | 19.642 | 13.3 | 15.630 | 0.444 | 1.150 | 68.9 | 1.232 | 1.6 | -1.147 | 1.566 | -53.8 | 1.941 |
| 249063.3 | 843578.5 | 82.7 | 16.752 | 10.479 | 32.0 | 19.760 | 13.2 | 15.724 | 0.458 | 1.159 | 68.4 | 1.247 | 1.5 | -1.144 | 1.546 | -53.5 | 1.924 |
| 249062.6 | 843577.7 | 82.7 | 16.841 | 10.543 | 32.0 | 19.869 | 13.0 | 15.811 | 0.473 | 1.169 | 68.0 | 1.261 | 1.4 | -1.138 | 1.520 | -53.2 | 1.899 |
| 249061.9 | 843577.0 | 82.8 | 16.905 | 10.592 | 32.1 | 19.949 | 12.9 | 15.875 | 0.487 | 1.178 | 67.5 | 1.275 | 1.3 | -1.124 | 1.472 | -52.6 | 1.852 |
| 249061.2 | 843576.3 | 82.9 | 17.091 | 10.724 | 32.1 | 20.176 | 12.8 | 16.056 | 0.501 | 1.188 | 67.1 | 1.290 | 1.2 | -1.152 | 1.524 | -52.9 | 1.911 |
| 249060.5 | 843575.6 | 83.0 | 17.310 | 10.880 | 32.2 | 20.446 | 12.6 | 16.270 | 0.516 | 1.199 | 66.7 | 1.305 | 1.4 | -1.194 | 1.603 | -53.3 | 1.999 |
| 249059.8 | 843574.9 | 83.1 | 17.421 | 10.962 | 32.2 | 20.583 | 12.5 | 16.379 | 0.531 | 1.209 | 66.3 | 1.320 | 1.3 | -1.197 | 1.592 | -53.1 | 1.992 |
| 249059.1 | 843574.1 | 83.1 | 17.507 | 11.027 | 32.2 | 20.690 | 12.3 | 16.465 | 0.545 | 1.218 | 65.9 | 1.335 | 1.1 | -1.192 | 1.560 | -52.6 | 1.963 |
| 249058.4 | 843573.4 | 83.2 | 17.603 | 11.099 | 32.2 | 20.810 | 12.2 | 16.560 | 0.559 | 1.228 | 65.5 | 1.349 | 1.0 | -1.190 | 1.536 | -52.2 | 1.943 |
| 249057.7 | 843572.7 | 83.3 | 17.739 | 11.200 | 32.3 | 20.979 | 12.1 | 16.695 | 0.574 | 1.238 | 65.1 | 1.365 | 0.9 | -1.203 | 1.543 | -52.1 | 1.957 |
| 249057.1 | 843572.0 | 83.4 | 17.933 | 11.341 | 32.3 | 21.218 | 11.9 | 16.884 | 0.589 | 1.249 | 64.7 | 1.381 | 1.1 | -1.239 | 1.597 | -52.2 | 2.022 |
| 249056.4 | 843571.3 | 83.5 | 18.146 | 11.497 | 32.4 | 21.482 | 11.7 | 17.095 | 0.604 | 1.260 | 64.4 | 1.397 | 1.4 | -1.285 | 1.667 | -52.4 | 2.104 |
| 249055.7 | 843570.6 | 83.7 | 18.361 | 11.655 | 32.4 | 21.748 | 11.6 | 17.306 | 0.620 | 1.271 | 64.0 | 1.414 | 1.7 | -1.331 | 1.735 | -52.5 | 2.187 |
| 249055.0 | 843569.8 | 83.8 | 18.576 | 11.814 | 32.5 | 22.015 | 11.4 | 17.519 | 0.636 | 1.282 | 63.6 | 1.431 | 2.0 | -1.378 | 1.804 | -52.6 | 2.270 |
| 249054.3 | 843569.1 | 83.9 | 18.749 | 11.944 | 32.5 | 22.230 | 11.2 | 17.690 | 0.652 | 1.293 | 63.3 | 1.448 | 2.1 | -1.409 | 1.835 | -52.5 | 2.314 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249053.6 | 843568.4 | 83.9 | 18.765 | 11.962 | 32.5 | 22.253 | 11.1 | 17.708 | 0.665 | 1.303 | 62.9 | 1.463 | 1.6 | -1.373 | 1.738 | -51.7 | 2.214 |
| 249052.9 | 843567.7 | 84.0 | 18.803 | 11.997 | 32.5 | 22.304 | 11.1 | 17.749 | 0.680 | 1.313 | 62.6 | 1.478 | 1.2 | -1.344 | 1.656 | -50.9 | 2.133 |
| 249052.2 | 843567.0 | 84.1 | 18.969 | 12.122 | 32.6 | 22.511 | 10.9 | 17.914 | 0.696 | 1.324 | 62.3 | 1.496 | 1.2 | -1.368 | 1.677 | -50.8 | 2.164 |
| 249051.5 | 843566.2 | 84.2 | 19.099 | 12.224 | 32.6 | 22.676 | 10.8 | 18.045 | 0.712 | 1.336 | 62.0 | 1.513 | 1.2 | -1.376 | 1.666 | -50.4 | 2.161 |
| 249050.8 | 843565.5 | 84.2 | 19.224 | 12.322 | 32.7 | 22.834 | 10.6 | 18.171 | 0.728 | 1.347 | 61.6 | 1.531 | 1.1 | -1.381 | 1.650 | -50.1 | 2.152 |
| 249050.1 | 843564.8 | 84.3 | 19.341 | 12.414 | 32.7 | 22.982 | 10.5 | 18.289 | 0.744 | 1.359 | 61.3 | 1.549 | 1.0 | -1.380 | 1.623 | -49.6 | 2.131 |
| 249049.4 | 843564.1 | 84.4 | 19.406 | 12.469 | 32.7 | 23.067 | 10.4 | 18.356 | 0.760 | 1.371 | 61.0 | 1.568 | 0.7 | -1.353 | 1.551 | -48.9 | 2.058 |
| 249048.7 | 843563.4 | 84.4 | 19.478 | 12.530 | 32.8 | 23.160 | 10.3 | 18.430 | 0.776 | 1.383 | 60.7 | 1.586 | 0.5 | -1.326 | 1.482 | -48.2 | 1.989 |
| 249048.0 | 843562.7 | 84.6 | 19.715 | 12.712 | 32.8 | 23.458 | 10.1 | 18.668 | 0.794 | 1.397 | 60.4 | 1.607 | 0.8 | -1.377 | 1.548 | -48.4 | 2.072 |
| 249047.3 | 843561.9 | 84.7 | 19.918 | 12.869 | 32.9 | 23.713 | 10.0 | 18.871 | 0.811 | 1.411 | 60.1 | 1.628 | 0.9 | -1.410 | 1.583 | -48.3 | 2.120 |
| 249046.6 | 843561.2 | 84.8 | 20.117 | 13.025 | 32.9 | 23.965 | 9.8 | 19.071 | 0.829 | 1.425 | 59.8 | 1.649 | 1.1 | -1.440 | 1.612 | -48.2 | 2.162 |
| 249045.9 | 843560.5 | 85.0 | 20.328 | 13.190 | 33.0 | 24.232 | 9.6 | 19.283 | 0.847 | 1.439 | 59.5 | 1.670 | 1.3 | -1.475 | 1.648 | -48.2 | 2.212 |
| 249045.2 | 843559.8 | 85.1 | 20.509 | 13.334 | 33.0 | 24.463 | 9.5 | 19.467 | 0.866 | 1.454 | 59.2 | 1.692 | 1.3 | -1.495 | 1.658 | -48.0 | 2.232 |
| 249044.5 | 843559.1 | 85.2 | 20.646 | 13.446 | 33.1 | 24.638 | 9.3 | 19.606 | 0.884 | 1.468 | 59.0 | 1.713 | 1.3 | -1.490 | 1.628 | -47.5 | 2.206 |
| 249043.8 | 843558.4 | 85.3 | 20.831 | 13.595 | 33.1 | 24.875 | 9.2 | 19.795 | 0.902 | 1.483 | 58.7 | 1.736 | 1.3 | -1.508 | 1.636 | -47.3 | 2.225 |
| 249043.1 | 843557.6 | 85.5 | 21.072 | 13.786 | 33.2 | 25.181 | 9.0 | 20.038 | 0.922 | 1.498 | 58.4 | 1.759 | 1.5 | -1.554 | 1.688 | -47.4 | 2.294 |
| 249042.4 | 843556.9 | 85.6 | 21.281 | 13.954 | 33.3 | 25.448 | 8.8 | 20.251 | 0.941 | 1.513 | 58.1 | 1.782 | 1.6 | -1.583 | 1.712 | -47.2 | 2.331 |
| 249041.7 | 843556.2 | 85.7 | 21.492 | 14.126 | 33.3 | 25.719 | 8.6 | 20.467 | 0.960 | 1.529 | 57.9 | 1.805 | 1.7 | -1.612 | 1.736 | -47.1 | 2.369 |
| 249041.0 | 843555.5 | 85.9 | 21.709 | 14.302 | 33.4 | 25.996 | 8.5 | 20.687 | 0.979 | 1.544 | 57.6 | 1.829 | 1.8 | -1.643 | 1.761 | -47.0 | 2.408 |
| 249040.3 | 843554.8 | 86.0 | 21.860 | 14.430 | 33.4 | 26.193 | 8.3 | 20.844 | 0.998 | 1.559 | 57.4 | 1.852 | 1.8 | -1.637 | 1.731 | -46.6 | 2.383 |
| 249039.7 | 843554.0 | 86.1 | 22.012 | 14.557 | 33.5 | 26.390 | 8.2 | 21.000 | 1.017 | 1.575 | 57.1 | 1.875 | 1.7 | -1.630 | 1.698 | -46.2 | 2.354 |
| 249039.0 | 843553.3 | 86.2 | 22.199 | 14.714 | 33.5 | 26.633 | 8.0 | 21.194 | 1.037 | 1.590 | 56.9 | 1.899 | 1.8 | -1.642 | 1.693 | -45.9 | 2.358 |
| 249038.3 | 843552.6 | 86.4 | 22.420 | 14.897 | 33.6 | 26.917 | 7.8 | 21.420 | 1.057 | 1.607 | 56.7 | 1.923 | 1.9 | -1.670 | 1.714 | -45.8 | 2.393 |
| 249037.6 | 843551.9 | 86.5 | 22.650 | 15.088 | 33.7 | 27.215 | 7.7 | 21.657 | 1.077 | 1.623 | 56.4 | 1.948 | 1.9 | -1.703 | 1.742 | -45.6 | 2.436 |
| 249036.9 | 843551.2 | 86.6 | 22.850 | 15.258 | 33.7 | 27.476 | 7.5 | 21.865 | 1.098 | 1.640 | 56.2 | 1.973 | 2.0 | -1.718 | 1.742 | -45.4 | 2.447 |
| 249036.2 | 843550.5 | 86.8 | 23.053 | 15.430 | 33.8 | 27.740 | 7.3 | 22.075 | 1.118 | 1.656 | 56.0 | 1.998 | 2.0 | -1.734 | 1.742 | -45.1 | 2.458 |
| 249035.5 | 843549.7 | 86.9 | 23.290 | 15.630 | 33.9 | 28.049 | 7.2 | 22.320 | 1.139 | 1.674 | 55.8 | 2.024 | 2.1 | -1.769 | 1.769 | -45.0 | 2.502 |
| 249034.8 | 843549.0 | 87.1 | 23.550 | 15.850 | 33.9 | 28.388 | 7.0 | 22.590 | 1.160 | 1.691 | 55.6 | 2.051 | 2.2 | -1.816 | 1.815 | -45.0 | 2.567 |
| 249034.1 | 843548.3 | 87.2 | 23.810 | 16.071 | 34.0 | 28.726 | 6.8 | 22.860 | 1.182 | 1.709 | 55.3 | 2.078 | 2.3 | -1.863 | 1.858 | -44.9 | 2.631 |
| 249033.4 | 843547.6 | 87.4 | 24.071 | 16.294 | 34.1 | 29.067 | 6.6 | 23.131 | 1.203 | 1.727 | 55.1 | 2.105 | 2.4 | -1.910 | 1.900 | -44.8 | 2.694 |
| 249032.7 | 843546.9 | 87.6 | 24.391 | 16.566 | 34.2 | 29.485 | 6.3 | 23.463 | 1.226 | 1.746 | 54.9 | 2.134 | 2.5 | -1.993 | 1.992 | -45.0 | 2.818 |
| 249032.0 | 843546.1 | 87.8 | 24.722 | 16.849 | 34.3 | 29.917 | 6.1 | 23.807 | 1.249 | 1.766 | 54.7 | 2.163 | 2.7 | -2.083 | 2.092 | -45.1 | 2.952 |
| 249031.3 | 843545.4 | 88.0 | 25.064 | 17.143 | 34.4 | 30.366 | 5.9 | 24.165 | 1.272 | 1.785 | 54.5 | 2.192 | 2.8 | -2.181 | 2.203 | -45.3 | 3.100 |
| 249030.6 | 843544.7 | 88.2 | 25.412 | 17.444 | 34.5 | 30.823 | 5.6 | 24.528 | 1.296 | 1.804 | 54.3 | 2.221 | 2.9 | -2.284 | 2.318 | -45.4 | 3.254 |
| 249029.9 | 843544.0 | 88.4 | 25.787 | 17.769 | 34.6 | 31.316 | 5.4 | 24.920 | 1.320 | 1.824 | 54.1 | 2.251 | 3.1 | -2.404 | 2.457 | -45.6 | 3.437 |
| 249029.2 | 843543.3 | 88.6 | 26.165 | 18.099 | 34.7 | 31.814 | 5.1 | 25.317 | 1.344 | 1.843 | 53.9 | 2.281 | 3.2 | -2.529 | 2.600 | -45.8 | 3.627 |
| 249028.5 | 843542.6 | 88.8 | 26.487 | 18.385 | 34.8 | 32.243 | 4.9 | 25.658 | 1.366 | 1.862 | 53.7 | 2.309 | 3.3 | -2.623 | 2.700 | -45.8 | 3.764 |
| 249027.8 | 843541.8 | 89.0 | 26.742 | 18.617 | 34.8 | 32.584 | 4.7 | 25.930 | 1.387 | 1.879 | 53.6 | 2.335 | 3.3 | -2.678 | 2.748 | -45.7 | 3.837 |
| 249027.1 | 843541.1 | 89.1 | 26.911 | 18.778 | 34.9 | 32.815 | 4.6 | 26.113 | 1.406 | 1.894 | 53.4 | 2.359 | 3.2 | -2.684 | 2.729 | -45.5 | 3.827 |
| 249026.4 | 843540.4 | 89.2 | 27.029 | 18.897 | 35.0 | 32.980 | 4.4 | 26.244 | 1.423 | 1.908 | 53.3 | 2.380 | 3.1 | -2.660 | 2.672 | -45.1 | 3.770 |
| 249025.7 | 843539.7 | 89.4 | 27.393 | 19.224 | 35.1 | 33.465 | 4.2 | 26.631 | 1.446 | 1.924 | 53.1 | 2.407 | 3.1 | -2.792 | 2.825 | -45.3 | 3.972 |
| 249025.0 | 843539.0 | 89.5 | 27.652 | 19.464 | 35.1 | 33.815 | 4.0 | 26.909 | 1.465 | 1.939 | 52.9 | 2.430 | 3.1 | -2.862 | 2.897 | -45.3 | 4.072 |
| 249024.3 | 843538.2 | 89.6 | 27.798 | 19.610 | 35.2 | 34.019 | 3.9 | 27.071 | 1.482 | 1.951 | 52.8 | 2.450 | 3.0 | -2.867 | 2.882 | -45.1 | 4.065 |
| 249023.6 | 843537.5 | 89.7 | 27.951 | 19.762 | 35.3 | 34.231 | 3.7 | 27.241 | 1.498 | 1.963 | 52.6 | 2.470 | 2.9 | -2.879 | 2.879 | -45.0 | 4.071 |
| 249022.9 | 843536.8 | 89.8 | 28.106 | 19.916 | 35.3 | 34.447 | 3.6 | 27.412 | 1.514 | 1.974 | 52.5 | 2.488 | 2.8 | -2.896 | 2.885 | -44.9 | 4.088 |
| 249022.3 | 843536.1 | 89.9 | 28.260 | 20.071 | 35.4 | 34.662 | 3.5 | 27.583 | 1.530 | 1.985 | 52.4 | 2.506 | 2.7 | -2.917 | 2.897 | -44.8 | 4.111 |
| 249021.6 | 843535.4 | 90.1 | 28.413 | 20.224 | 35.4 | 34.876 | 3.3 | 27.754 | 1.545 | 1.995 | 52.2 | 2.523 | 2.7 | -2.942 | 2.917 | -44.8 | 4.143 |
| 249020.9 | 843534.7 | 90.2 | 28.563 | 20.376 | 35.5 | 35.086 | 3.2 | 27.920 | 1.560 | 2.004 | 52.1 | 2.539 | 2.6 | -2.969 | 2.941 | -44.7 | 4.179 |
| 249020.2 | 843533.9 | 90.3 | 28.681 | 20.500 | 35.6 | 35.254 | 3.1 | 28.054 | 1.573 | 2.011 | 52.0 | 2.554 | 2.5 | -2.980 | 2.948 | -44.7 | 4.192 |
| 249019.5 | 843533.2 | 90.4 | 28.857 | 20.677 | 35.6 | 35.500 | 3.0 | 28.250 | 1.587 | 2.019 | 51.8 | 2.568 | 2.4 | -3.035 | 3.012 | -44.8 | 4.276 |
| 249018.8 | 843532.5 | 90.4 | 28.905 | 20.741 | 35.7 | 35.576 | 2.9 | 28.311 | 1.598 | 2.025 | 51.7 | 2.580 | 2.3 | -3.009 | 2.976 | -44.7 | 4.232 |
| 249018.1 | 843531.8 | 90.5 | 29.012 | 20.857 | 35.7 | 35.731 | 2.8 | 28.434 | 1.610 | 2.031 | 51.6 | 2.591 | 2.2 | -3.028 | 2.998 | -44.7 | 4.261 |
| 249017.4 | 843531.1 | 90.6 | 29.052 | 20.915 | 35.8 | 35.797 | 2.7 | 28.486 | 1.620 | 2.035 | 51.5 | 2.600 | 2.1 | -3.007 | 2.973 | -44.7 | 4.228 |
| 249016.7 | 843530.3 | 90.7 | 29.090 | 20.971 | 35.8 | 35.860 | 2.6 | 28.537 | 1.629 | 2.038 | 51.4 | 2.609 | 1.9 | -2.988 | 2.953 | -44.7 | 4.201 |
| 249016.0 | 843529.6 | 90.7 | 29.126 | 21.025 | 35.8 | 35.922 | 2.6 | 28.586 | 1.638 | 2.041 | 51.2 | 2.617 | 1.8 | -2.973 | 2.940 | -44.7 | 4.181 |
| 249015.3 | 843528.9 | 90.8 | 29.161 | 21.078 | 35.9 | 35.981 | 2.5 | 28.633 | 1.646 | 2.043 | 51.1 | 2.624 | 1.7 | -2.961 | 2.934 | -44.7 | 4.168 |
| 249014.6 | 843528.2 | 90.9 | 29.222 | 21.155 | 35.9 | 36.076 | 2.4 | 28.709 | 1.655 | 2.045 | 51.0 | 2.631 | 1.6 | -2.971 | 2.957 | -44.9 | 4.192 |
| 249013.9 | 843527.5 | 90.9 | 29.192 | 21.151 | 35.9 | 36.049 | 2.4 | 28.687 | 1.661 | 2.045 | 50.9 | 2.635 | 1.5 | -2.921 | 2.909 | -44.9 | 4.122 |
| 249013.2 | 843526.8 | 90.9 | 29.195 | 21.176 | 36.0 | 36.066 | 2.3 | 28.700 | 1.668 | 2.046 | 50.8 | 2.640 | 1.4 | -2.897 | 2.894 | -45.0 | 4.095 |
| 249012.5 | 843526.0 | 91.0 | 29.244 | 21.242 | 36.0 | 36.145 | 2.3 | 28.763 | 1.676 | 2.047 | 50.7 | 2.646 | 1.3 | -2.909 | 2.926 | -45.2 | 4.126 |
| 249011.8 | 843525.3 | 91.1 | 29.292 | 21.307 | 36.0 | 36.222 | 2.2 | 28.824 | 1.683 | 2.049 | 50.6 | 2.651 | 1.2 | -2.923 | 2.960 | -45.4 | 4.160 |
| 249011.1 | 843524.6 | 91.1 | 29.293 | 21.330 | 36.1 | 36.236 | 2.2 | 28.836 | 1.689 | 2.049 | 50.5 | 2.656 | 1.1 | -2.906 | 2.958 | -45.5 | 4.146 |
| 249010.4 | 843523.9 | 91.2 | 29.272 | 21.334 | 36.1 | 36.221 | 2.1 | 28.824 | 1.696 | 2.048 | 50.4 | 2.659 | 1.0 | -2.906 | 2.912 | -45.1 | 4.114 |
| 249009.7 | 843523.2 | 91.2 | 29.260 | 21.346 | 36.1 | 36.219 | 2.1 | 28.822 | 1.702 | 2.048 | 50.3 | 2.663 | 0.9 | -2.883 | 2.905 | -45.2 | 4.092 |
| 249009.0 | 843522.4 | 91.3 | 29.260 | 21.367 | 36.1 | 36.231 | 2.0 | 28.832 | 1.708 | 2.049 | 50.2 | 2.667 | 0.8 | -2.869 | 2.909 | -45.4 | 4.085 |
| 249008.3 | 843521.7 | 91.3 | 29.205 | 21.340 | 36.2 | 36.171 | 2.0 | 28.784 | 1.713 | 2.049 | 50.1 | 2.670 | 0.7 | -2.816 | 2.867 | -45.5 | 4.018 |
| 249007.6 | 843521.0 | 91.3 | 29.070 | 21.240 | 36.2 | 36.002 | 2.0 | 28.650 | 1.717 | 2.048 | 50.0 | 2.672 | 0.7 | -2.703 | 2.755 | -45.5 | 3.860 |
| 249006.9 | 843520.3 | 91.3 | 28.941 | 21.145 | 36.2 | 35.843 | 2.1 | 28.523 | 1.721 | 2.047 | 50.0 | 2.674 | 0.6 | -2.595 | 2.648 | -45.6 | 3.707 |
| 249006.2 | 843519.6 | 91.3 | 28.812 | 21.050 | 36.2 | 35.682 | 2.1 | 28.395 | 1.725 | 2.047 | 49.9 | 2.677 | 0.5 | -2.484 | 2.539 | -45.6 | 3.552 |
| 249005.5 | 843518.9 | 91.3 | 28.682 | 20.954 | 36.2 | 35.520 | 2.1 | 28.266 | 1.729 | 2.047 | 49.8 | 2.680 | 0.5 | -2.372 | 2.427 | -45.7 | 3.393 |
| 249004.9 | 843518.1 | 91.3 | 28.586 | 20.888 | 36.2 | 35.404 | 2.2 | 28.174 | 1.734 | 2.049 | 49.8 | 2.684 | 0.5 | -2.283 | 2.343 | -45.7 | 3.271 |
| 249004.2 | 843517.4 | 91.4 | 28.581 | 20.905 | 36.2 | 35.411 | 2.1 | 28.179 | 1.741 | 2.052 | 49.7 | 2.690 | 0.5 | -2.263 | 2.339 | -45.9 | 3.255 |
| 249003.5 | 843516.7 | 91.4 | 28.416 | 20.776 | 36.2 | 35.201 | 2.2 | 28.012 | 1.745 | 2.053 | 49.6 | 2.694 | 0.5 | -2.118 | 2.188 | -45.9 | 3.045 |
| 249002.8 | 843516.0 | 91.3 | 28.115 | 20.525 | 36.1 | 34.810 | 2.3 | 27.701 | 1.748 | 2.053 | 49.6 | 2.696 | 0.4 | -1.864 | 1.907 | -45.7 | 2.667 |
| 249002.1 | 843515.3 | 91.2 | 27.816 | 20.276 | 36.1 | 34.422 | 2.4 | 27.392 | 1.752 | 2.053 | 49.5 | 2.699 | 0.4 | -1.607 | 1.622 | -45.3 | 2.283 |
| 249001.4 | 843514.6 | 91.2 | 27.666 | 20.161 | 36.1 | 34.233 | 2.5 | 27.241 | 1.757 | 2.056 | 49.5 | 2.705 | 0.4 | -1.465 | 1.472 | -45.1 | 2.076 |
| 249000.7 | 843513.8 | 91.2 | 27.587 | 20.108 | 36.1 | 34.138 | 2.5 | 27.166 | 1.763 | 2.060 | 49.4 | 2.712 | 0.5 | -1.378 | 1.385 | -45.1 | 1.954 |
| 249000.0 | 843513.1 | 91.2 | 27.510 | 20.058 | 36.1 | 34.046 | 2.5 | 27.093 | 1.769 | 2.064 | 49.4 | 2.719 | 0.5 | -1.293 | 1.298 | -45.1 | 1.832 |
| 248999.3 | 843512.4 | 91.3 | 27.432 | 20.006 | 36.1 | 33.952 | 2.5 | 27.018 | 1.775 | 2.068 | 49.4 | 2.725 | 0.5 | -1.207 | 1.208 | -45.0 | 1.708 |
| 248998.6 | 843511.7 | 91.3 | 27.368 | 19.967 | 36.1 | 33.877 | 2.5 | 26.959 | 1.781 | 2.072 | 49.3 | 2.732 | 0.6 | -1.132 | 1.131 | -45.0 | 1.601 |
| 248997.9 | 843511.0 | 91.4 | 27.378 | 19.996 | 36.1 | 33.903 | 2.4 | 26.979 | 1.787 | 2.076 | 49.3 | 2.739 | 0.6 | -1.121 | 1.126 | -45.1 | 1.589 |
| 248997.2 | 843510.2 | 91.5 | 27.468 | 20.095 | 36.2 | 34.034 | 2.3 | 27.083 | 1.793 | 2.081 | 49.3 | 2.747 | 0.7 | -1.179 | 1.198 | -45.5 | 1.681 |
| 248996.5 | 843509.5 | 91.6 | 27.557 | 20.194 | 36.2 | 34.164 | 2.3 | 27.187 | 1.799 | 2.086 | 49.2 | 2.755 | 0.8 | -1.237 | 1.269 | -45.7 | 1.772 |
| 248995.8 | 843508.8 | 91.7 | 27.624 | 20.274 | 36.3 | 34.265 | 2.2 | 27.268 | 1.804 | 2.091 | 49.2 | 2.762 | 0.8 | -1.280 | 1.321 | -45.9 | 1.840 |
| 248995.1 | 843508.1 | 91.7 | 27.600 | 20.271 | 36.3 | 34.245 | 2.2 | 27.251 | 1.809 | 2.095 | 49.2 | 2.768 | 0.9 | -1.250 | 1.285 | -45.8 | 1.793 |
| 248994.4 | 843507.4 | 91.9 | 27.871 | 20.536 | 36.4 | 34.620 | 2.0 | 27.550 | 1.815 | 2.101 | 49.2 | 2.776 | 1.0 | -1.469 | 1.537 | -46.3 | 2.126 |
| 248993.7 | 843506.7 | 92.0 | 27.834 | 20.521 | 36.4 | 34.580 | 2.0 | 27.518 | 1.819 | 2.105 | 49.2 | 2.782 | 1.0 | -1.434 | 1.492 | -46.1 | 2.069 |

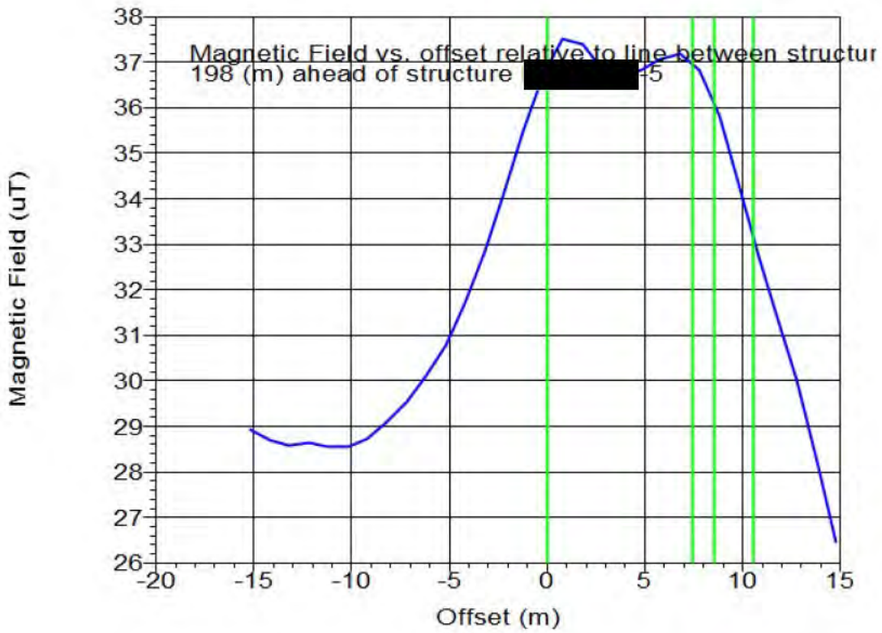
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248993.0 | 843505.9 | 92.0 | 27.793 | 20.502 | 36.4 | 34.537 | 2.0 | 27.483 | 1.822 | 2.108 | 49.2 | 2.786 | 1.1 | -1.398 | 1.445 | -45.9 | 2.011 |
| 248992.3 | 843505.2 | 92.1 | 27.831 | 20.555 | 36.4 | 34.599 | 1.9 | 27.533 | 1.826 | 2.112 | 49.1 | 2.792 | 1.1 | -1.433 | 1.478 | -45.9 | 2.059 |
| 248991.6 | 843504.5 | 92.2 | 27.947 | 20.680 | 36.5 | 34.766 | 1.8 | 27.666 | 1.830 | 2.116 | 49.1 | 2.797 | 1.2 | -1.538 | 1.591 | -46.0 | 2.213 |
| 248990.9 | 843503.8 | 92.3 | 28.061 | 20.804 | 36.6 | 34.932 | 1.7 | 27.798 | 1.834 | 2.119 | 49.1 | 2.802 | 1.2 | -1.646 | 1.707 | -46.0 | 2.371 |
| 248990.2 | 843503.1 | 92.5 | 28.150 | 20.904 | 36.6 | 35.063 | 1.6 | 27.902 | 1.837 | 2.122 | 49.1 | 2.807 | 1.3 | -1.736 | 1.801 | -46.1 | 2.501 |
| 248989.5 | 843502.3 | 92.5 | 28.164 | 20.936 | 36.6 | 35.093 | 1.6 | 27.926 | 1.839 | 2.124 | 49.1 | 2.809 | 1.3 | -1.768 | 1.828 | -46.0 | 2.543 |
| 248988.8 | 843501.6 | 92.6 | 28.189 | 20.977 | 36.7 | 35.138 | 1.5 | 27.962 | 1.840 | 2.125 | 49.1 | 2.811 | 1.3 | -1.815 | 1.872 | -45.9 | 2.607 |
| 248988.1 | 843500.9 | 92.7 | 28.217 | 21.022 | 36.7 | 35.187 | 1.5 | 28.001 | 1.841 | 2.126 | 49.1 | 2.812 | 1.3 | -1.869 | 1.925 | -45.8 | 2.682 |
| 248987.5 | 843500.2 | 92.8 | 28.243 | 21.065 | 36.7 | 35.234 | 1.4 | 28.038 | 1.842 | 2.126 | 49.1 | 2.813 | 1.4 | -1.926 | 1.982 | -45.8 | 2.764 |
| 248986.8 | 843499.5 | 92.9 | 28.268 | 21.107 | 36.7 | 35.279 | 1.4 | 28.074 | 1.842 | 2.126 | 49.1 | 2.813 | 1.4 | -1.988 | 2.045 | -45.8 | 2.852 |
| 248986.1 | 843498.8 | 93.0 | 28.292 | 21.148 | 36.8 | 35.323 | 1.4 | 28.109 | 1.842 | 2.124 | 49.1 | 2.812 | 1.4 | -2.053 | 2.113 | -45.8 | 2.946 |
| 248985.4 | 843498.0 | 93.1 | 28.390 | 21.257 | 36.8 | 35.467 | 1.3 | 28.223 | 1.842 | 2.124 | 49.1 | 2.811 | 1.4 | -2.184 | 2.259 | -46.0 | 3.142 |
| 248984.7 | 843497.3 | 93.2 | 28.549 | 21.423 | 36.9 | 35.693 | 1.2 | 28.403 | 1.843 | 2.123 | 49.0 | 2.812 | 1.4 | -2.369 | 2.468 | -46.2 | 3.421 |
| 248984.0 | 843496.6 | 93.4 | 28.706 | 21.589 | 36.9 | 35.919 | 1.0 | 28.583 | 1.844 | 2.123 | 49.0 | 2.812 | 1.4 | -2.557 | 2.681 | -46.4 | 3.705 |
| 248983.3 | 843495.9 | 93.4 | 28.675 | 21.578 | 37.0 | 35.886 | 1.0 | 28.557 | 1.842 | 2.119 | 49.0 | 2.808 | 1.3 | -2.592 | 2.718 | -46.4 | 3.756 |
| 248982.6 | 843495.2 | 93.6 | 28.874 | 21.783 | 37.0 | 36.169 | 0.9 | 28.783 | 1.844 | 2.119 | 49.0 | 2.809 | 1.3 | -2.819 | 2.979 | -46.6 | 4.101 |
| 248981.9 | 843494.4 | 93.8 | 29.101 | 22.016 | 37.1 | 36.491 | 0.7 | 29.038 | 1.846 | 2.120 | 49.0 | 2.812 | 1.4 | -3.069 | 3.267 | -46.8 | 4.482 |
| 248981.2 | 843493.7 | 93.9 | 29.252 | 22.177 | 37.2 | 36.708 | 0.6 | 29.212 | 1.848 | 2.121 | 48.9 | 2.813 | 1.4 | -3.259 | 3.485 | -46.9 | 4.772 |
| 248980.5 | 843493.0 | 94.0 | 29.242 | 22.186 | 37.2 | 36.705 | 0.6 | 29.209 | 1.846 | 2.118 | 48.9 | 2.809 | 1.4 | -3.320 | 3.557 | -47.0 | 4.866 |
| 248979.8 | 843492.3 | 94.1 | 29.232 | 22.195 | 37.2 | 36.704 | 0.6 | 29.208 | 1.845 | 2.115 | 48.9 | 2.806 | 1.4 | -3.384 | 3.633 | -47.0 | 4.965 |
| 248979.1 | 843491.6 | 94.2 | 29.307 | 22.284 | 37.2 | 36.817 | 0.5 | 29.298 | 1.845 | 2.114 | 48.9 | 2.806 | 1.4 | -3.516 | 3.787 | -47.1 | 5.168 |
| 248978.4 | 843490.9 | 94.3 | 29.283 | 22.280 | 37.3 | 36.796 | 0.5 | 29.281 | 1.843 | 2.111 | 48.9 | 2.803 | 1.4 | -3.571 | 3.853 | -47.2 | 5.253 |
| 248977.7 | 843490.1 | 94.4 | 29.389 | 22.399 | 37.3 | 36.951 | 0.4 | 29.405 | 1.845 | 2.112 | 48.9 | 2.804 | 1.4 | -3.728 | 4.036 | -47.3 | 5.494 |
| 248977.0 | 843489.4 | 94.5 | 29.392 | 22.420 | 37.3 | 36.967 | 0.4 | 29.417 | 1.844 | 2.110 | 48.8 | 2.802 | 1.5 | -3.804 | 4.127 | -47.3 | 5.613 |
| 248976.3 | 843488.7 | 94.5 | 29.338 | 22.387 | 37.3 | 36.904 | 0.4 | 29.367 | 1.842 | 2.107 | 48.8 | 2.798 | 1.5 | -3.836 | 4.167 | -47.4 | 5.664 |
| 248975.6 | 843488.0 | 94.5 | 29.152 | 22.228 | 37.3 | 36.659 | 0.5 | 29.173 | 1.837 | 2.101 | 48.8 | 2.791 | 1.5 | -3.764 | 4.087 | -47.4 | 5.556 |
| 248974.9 | 843487.3 | 94.5 | 28.936 | 22.041 | 37.3 | 36.375 | 0.5 | 28.946 | 1.832 | 2.094 | 48.8 | 2.782 | 1.4 | -3.667 | 3.979 | -47.3 | 5.411 |
| 248974.2 | 843486.5 | 94.5 | 28.720 | 21.853 | 37.3 | 36.089 | 0.6 | 28.718 | 1.826 | 2.088 | 48.8 | 2.774 | 1.4 | -3.568 | 3.869 | -47.3 | 5.263 |
| 248973.5 | 843485.8 | 94.6 | 28.782 | 21.930 | 37.3 | 36.184 | 0.6 | 28.794 | 1.827 | 2.088 | 48.8 | 2.775 | 1.5 | -3.691 | 4.011 | -47.4 | 5.451 |
| 248972.8 | 843485.1 | 94.7 | 28.745 | 21.913 | 37.3 | 36.145 | 0.6 | 28.763 | 1.826 | 2.086 | 48.8 | 2.773 | 1.5 | -3.735 | 4.062 | -47.4 | 5.518 |
| 248972.1 | 843484.4 | 94.5 | 28.240 | 21.450 | 37.2 | 35.463 | 0.8 | 28.220 | 1.814 | 2.074 | 48.8 | 2.755 | 1.5 | -3.399 | 3.679 | -47.3 | 5.009 |
| 248971.4 | 843483.7 | 94.5 | 28.071 | 21.308 | 37.2 | 35.242 | 0.9 | 28.045 | 1.810 | 2.069 | 48.8 | 2.749 | 1.5 | -3.334 | 3.602 | -47.2 | 4.908 |
| 248970.7 | 843483.0 | 94.6 | 27.923 | 21.184 | 37.2 | 35.050 | 0.9 | 27.892 | 1.807 | 2.065 | 48.8 | 2.744 | 1.5 | -3.283 | 3.541 | -47.2 | 4.829 |
| 248970.0 | 843482.2 | 94.5 | 27.705 | 20.994 | 37.2 | 34.760 | 1.0 | 27.661 | 1.802 | 2.060 | 48.8 | 2.737 | 1.5 | -3.172 | 3.410 | -47.1 | 4.657 |
| 248969.4 | 843481.5 | 94.5 | 27.521 | 20.836 | 37.1 | 34.519 | 1.1 | 27.469 | 1.798 | 2.056 | 48.8 | 2.731 | 1.5 | -3.088 | 3.307 | -47.0 | 4.525 |
| 248968.7 | 843480.8 | 94.6 | 27.377 | 20.717 | 37.1 | 34.332 | 1.2 | 27.320 | 1.795 | 2.054 | 48.8 | 2.727 | 1.6 | -3.036 | 3.238 | -46.8 | 4.439 |
| 248968.0 | 843480.1 | 94.6 | 27.286 | 20.646 | 37.1 | 34.217 | 1.2 | 27.229 | 1.793 | 2.052 | 48.9 | 2.725 | 1.6 | -3.026 | 3.216 | -46.7 | 4.416 |
| 248967.3 | 843479.4 | 94.5 | 26.894 | 20.293 | 37.0 | 33.691 | 1.4 | 26.811 | 1.785 | 2.045 | 48.9 | 2.715 | 1.6 | -2.759 | 2.897 | -46.4 | 4.001 |
| 248966.6 | 843478.6 | 94.4 | 26.484 | 19.923 | 37.0 | 33.141 | 1.6 | 26.373 | 1.778 | 2.038 | 48.9 | 2.705 | 1.6 | -2.469 | 2.550 | -45.9 | 3.550 |
| 248965.9 | 843477.9 | 94.3 | 26.217 | 19.688 | 36.9 | 32.787 | 1.7 | 26.091 | 1.773 | 2.035 | 48.9 | 2.699 | 1.7 | -2.299 | 2.337 | -45.5 | 3.278 |
| 248965.2 | 843477.2 | 94.3 | 25.994 | 19.494 | 36.9 | 32.492 | 1.8 | 25.857 | 1.770 | 2.033 | 49.0 | 2.695 | 1.7 | -2.164 | 2.161 | -45.0 | 3.059 |
| 248964.5 | 843476.5 | 94.4 | 25.944 | 19.461 | 36.9 | 32.432 | 1.8 | 25.808 | 1.769 | 2.034 | 49.0 | 2.696 | 1.8 | -2.181 | 2.158 | -44.7 | 3.068 |
| 248963.8 | 843475.8 | 94.5 | 26.059 | 19.583 | 36.9 | 32.597 | 1.7 | 25.940 | 1.771 | 2.039 | 49.0 | 2.701 | 1.8 | -2.344 | 2.320 | -44.7 | 3.298 |
| 248963.1 | 843475.1 | 94.7 | 26.133 | 19.667 | 37.0 | 32.707 | 1.6 | 26.027 | 1.772 | 2.043 | 49.1 | 2.705 | 1.9 | -2.469 | 2.438 | -44.6 | 3.470 |
| 248962.4 | 843474.3 | 94.8 | 26.136 | 19.684 | 37.0 | 32.719 | 1.6 | 26.037 | 1.773 | 2.046 | 49.1 | 2.707 | 1.9 | -2.531 | 2.482 | -44.4 | 3.545 |
| 248961.7 | 843473.6 | 94.8 | 26.108 | 19.672 | 37.0 | 32.689 | 1.6 | 26.013 | 1.773 | 2.048 | 49.1 | 2.709 | 2.0 | -2.565 | 2.492 | -44.2 | 3.576 |
| 248961.0 | 843472.9 | 94.9 | 26.065 | 19.645 | 37.0 | 32.639 | 1.6 | 25.973 | 1.772 | 2.051 | 49.2 | 2.710 | 2.0 | -2.586 | 2.486 | -43.9 | 3.587 |
| 248960.3 | 843472.2 | 95.0 | 26.020 | 19.618 | 37.0 | 32.587 | 1.6 | 25.932 | 1.772 | 2.053 | 49.2 | 2.712 | 2.0 | -2.607 | 2.478 | -43.5 | 3.597 |
| 248959.6 | 843471.5 | 95.1 | 25.975 | 19.589 | 37.0 | 32.534 | 1.6 | 25.889 | 1.771 | 2.054 | 49.2 | 2.713 | 2.1 | -2.627 | 2.469 | -43.2 | 3.605 |
| 248958.9 | 843470.8 | 95.2 | 26.014 | 19.640 | 37.1 | 32.596 | 1.6 | 25.939 | 1.772 | 2.057 | 49.3 | 2.715 | 2.1 | -2.723 | 2.549 | -43.1 | 3.730 |
| 248958.2 | 843470.0 | 95.4 | 26.205 | 19.834 | 37.1 | 32.865 | 1.4 | 26.153 | 1.776 | 2.063 | 49.3 | 2.722 | 2.1 | -2.955 | 2.786 | -43.3 | 4.061 |
| 248957.5 | 843469.3 | 95.4 | 26.039 | 19.690 | 37.1 | 32.645 | 1.5 | 25.978 | 1.772 | 2.061 | 49.3 | 2.718 | 2.1 | -2.873 | 2.660 | -42.8 | 3.915 |
| 248956.8 | 843468.6 | 95.5 | 26.093 | 19.755 | 37.1 | 32.728 | 1.5 | 26.044 | 1.773 | 2.063 | 49.3 | 2.720 | 2.1 | -2.989 | 2.763 | -42.8 | 4.070 |
| 248956.1 | 843467.9 | 95.5 | 25.953 | 19.637 | 37.1 | 32.545 | 1.5 | 25.899 | 1.770 | 2.061 | 49.3 | 2.716 | 2.1 | -2.935 | 2.671 | -42.3 | 3.968 |
| 248955.4 | 843467.2 | 95.6 | 25.953 | 19.651 | 37.1 | 32.553 | 1.5 | 25.905 | 1.768 | 2.060 | 49.4 | 2.715 | 2.1 | -3.008 | 2.727 | -42.2 | 4.060 |
| 248954.7 | 843466.4 | 95.7 | 25.901 | 19.615 | 37.1 | 32.490 | 1.5 | 25.855 | 1.766 | 2.058 | 49.4 | 2.712 | 2.1 | -3.039 | 2.734 | -42.0 | 4.088 |
| 248954.0 | 843465.7 | 95.8 | 25.853 | 19.583 | 37.1 | 32.433 | 1.5 | 25.809 | 1.763 | 2.056 | 49.4 | 2.708 | 2.1 | -3.076 | 2.751 | -41.8 | 4.127 |
| 248953.3 | 843465.0 | 95.8 | 25.740 | 19.490 | 37.1 | 32.286 | 1.5 | 25.693 | 1.759 | 2.052 | 49.4 | 2.703 | 2.1 | -3.058 | 2.705 | -41.5 | 4.083 |
| 248952.6 | 843464.3 | 95.9 | 25.668 | 19.435 | 37.1 | 32.196 | 1.5 | 25.621 | 1.755 | 2.048 | 49.4 | 2.697 | 2.1 | -3.081 | 2.707 | -41.3 | 4.101 |
| 248952.0 | 843463.6 | 96.0 | 25.648 | 19.429 | 37.1 | 32.176 | 1.5 | 25.605 | 1.752 | 2.044 | 49.4 | 2.692 | 2.1 | -3.152 | 2.769 | -41.3 | 4.196 |
| 248951.3 | 843462.9 | 96.1 | 25.573 | 19.371 | 37.1 | 32.081 | 1.6 | 25.529 | 1.748 | 2.039 | 49.4 | 2.686 | 2.1 | -3.178 | 2.778 | -41.2 | 4.221 |
| 248950.6 | 843462.1 | 96.0 | 25.367 | 19.189 | 37.1 | 31.807 | 1.6 | 25.311 | 1.741 | 2.032 | 49.4 | 2.676 | 2.2 | -3.090 | 2.653 | -40.7 | 4.073 |
| 248949.9 | 843461.4 | 96.0 | 25.149 | 18.997 | 37.1 | 31.518 | 1.7 | 25.081 | 1.734 | 2.024 | 49.4 | 2.665 | 2.2 | -2.992 | 2.520 | -40.1 | 3.912 |
| 248949.2 | 843460.7 | 96.1 | 25.121 | 18.983 | 37.1 | 31.486 | 1.7 | 25.056 | 1.730 | 2.019 | 49.4 | 2.658 | 2.2 | -3.069 | 2.591 | -40.2 | 4.017 |
| 248948.5 | 843460.0 | 96.2 | 25.057 | 18.935 | 37.1 | 31.407 | 1.7 | 24.993 | 1.725 | 2.013 | 49.4 | 2.651 | 2.2 | -3.116 | 2.630 | -40.2 | 4.077 |
| 248947.8 | 843459.3 | 96.2 | 24.769 | 18.677 | 37.0 | 31.021 | 1.9 | 24.686 | 1.716 | 2.003 | 49.4 | 2.638 | 2.2 | -2.960 | 2.430 | -39.4 | 3.830 |
| 248947.1 | 843458.5 | 96.2 | 24.604 | 18.534 | 37.0 | 30.804 | 1.9 | 24.513 | 1.709 | 1.995 | 49.4 | 2.627 | 2.2 | -2.918 | 2.365 | -39.0 | 3.756 |
| 248946.4 | 843457.8 | 96.2 | 24.410 | 18.363 | 37.0 | 30.546 | 2.0 | 24.308 | 1.702 | 1.987 | 49.4 | 2.616 | 2.2 | -2.851 | 2.270 | -38.5 | 3.644 |
| 248945.7 | 843457.1 | 96.2 | 24.283 | 18.256 | 36.9 | 30.380 | 2.1 | 24.176 | 1.696 | 1.979 | 49.4 | 2.607 | 2.2 | -2.846 | 2.251 | -38.3 | 3.628 |
| 248945.0 | 843456.4 | 96.3 | 24.228 | 18.216 | 36.9 | 30.313 | 2.1 | 24.122 | 1.691 | 1.973 | 49.4 | 2.599 | 2.2 | -2.910 | 2.312 | -38.5 | 3.717 |
| 248944.3 | 843455.7 | 96.3 | 24.008 | 18.021 | 36.9 | 30.019 | 2.2 | 23.888 | 1.683 | 1.964 | 49.4 | 2.586 | 2.3 | -2.820 | 2.194 | -37.9 | 3.573 |
| 248943.6 | 843455.0 | 96.3 | 23.808 | 17.846 | 36.9 | 29.754 | 2.3 | 23.678 | 1.675 | 1.955 | 49.4 | 2.575 | 2.3 | -2.750 | 2.099 | -37.3 | 3.460 |
| 248942.9 | 843454.2 | 96.3 | 23.711 | 17.766 | 36.8 | 29.628 | 2.3 | 23.577 | 1.669 | 1.948 | 49.4 | 2.565 | 2.3 | -2.777 | 2.118 | -37.3 | 3.492 |
| 248942.2 | 843453.5 | 96.3 | 23.473 | 17.555 | 36.8 | 29.312 | 2.4 | 23.325 | 1.660 | 1.939 | 49.4 | 2.553 | 2.3 | -2.671 | 1.981 | -36.6 | 3.325 |
| 248941.5 | 843452.8 | 96.3 | 23.210 | 17.315 | 36.7 | 28.957 | 2.6 | 23.044 | 1.644 | 1.926 | 49.5 | 2.532 | 2.4 | -2.741 | 1.915 | -34.9 | 3.344 |
| 248940.8 | 843452.1 | 96.4 | 23.249 | 17.362 | 36.8 | 29.016 | 2.5 | 23.090 | 1.640 | 1.921 | 49.5 | 2.526 | 2.4 | -2.900 | 2.091 | -35.8 | 3.575 |
| 248940.1 | 843451.4 | 96.6 | 23.325 | 17.443 | 36.8 | 29.126 | 2.5 | 23.178 | 1.637 | 1.917 | 49.5 | 2.521 | 2.4 | -3.094 | 2.308 | -36.7 | 3.860 |
| 248939.4 | 843450.6 | 96.6 | 23.236 | 17.371 | 36.8 | 29.011 | 2.5 | 23.086 | 1.632 | 1.910 | 49.5 | 2.512 | 2.4 | -3.131 | 2.340 | -36.8 | 3.908 |
| 248938.7 | 843449.9 | 96.7 | 23.090 | 17.246 | 36.8 | 28.820 | 2.6 | 22.934 | 1.625 | 1.902 | 49.5 | 2.501 | 2.4 | -3.115 | 2.309 | -36.5 | 3.878 |
| 248938.0 | 843449.2 | 96.7 | 22.938 | 17.115 | 36.7 | 28.620 | 2.6 | 22.775 | 1.617 | 1.894 | 49.5 | 2.491 | 2.4 | -3.092 | 2.270 | -36.3 | 3.836 |
| 248937.3 | 843448.5 | 96.7 | 22.692 | 16.895 | 36.7 | 28.291 | 2.7 | 22.513 | 1.608 | 1.884 | 49.5 | 2.478 | 2.5 | -2.978 | 2.124 | -35.5 | 3.657 |
| 248936.6 | 843447.8 | 96.6 | 22.422 | 16.655 | 36.6 | 27.930 | 2.9 | 22.226 | 1.599 | 1.874 | 49.5 | 2.464 | 2.5 | -2.838 | 1.947 | -34.5 | 3.442 |
| 248935.9 | 843447.1 | 96.7 | 22.319 | 16.569 | 36.6 | 27.797 | 2.9 | 22.120 | 1.593 | 1.867 | 49.5 | 2.454 | 2.5 | -2.859 | 1.961 | -34.4 | 3.468 |
| 248935.2 | 843446.3 | 96.7 | 22.272 | 16.536 | 36.6 | 27.739 | 2.9 | 22.074 | 1.587 | 1.861 | 49.5 | 2.446 | 2.5 | -2.934 | 2.039 | -34.8 | 3.573 |
| 248934.6 | 843445.6 | 96.8 | 22.195 | 16.474 | 36.6 | 27.641 | 2.9 | 21.996 | 1.582 | 1.855 | 49.5 | 2.437 | 2.5 | -2.978 | 2.081 | -34.9 | 3.633 |
| 248933.9 | 843444.9 | 96.9 | 22.121 | 16.416 | 36.6 | 27.547 | 2.9 | 21.921 | 1.576 | 1.848 | 49.5 | 2.429 | 2.5 | -3.024 | 2.126 | -35.1 | 3.697 |
| 248933.2 | 843444.2 | 96.9 | 21.996 | 16.309 | 36.6 | 27.383 | 3.0 | 21.791 | 1.569 | 1.841 | 49.5 | 2.419 | 2.6 | -3.019 | 2.110 | -34.9 | 3.684 |

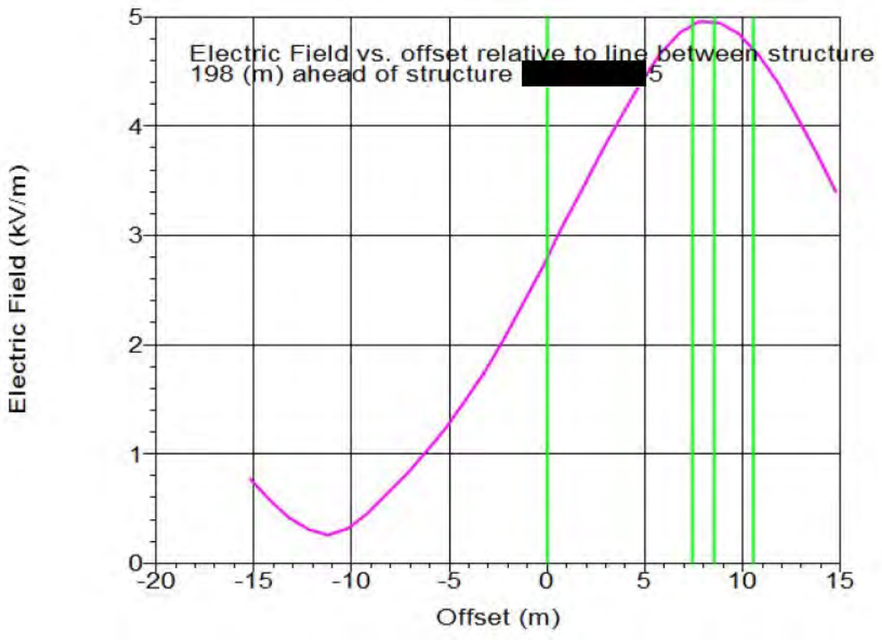
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248932.5 | 843443.5 | 97.0 | 21.867 | 16.200 | 36.5 | 27.214 | 3.0 | 21.656 | 1.563 | 1.833 | 49.6 | 2.409 | 2.6 | -3.009 | 2.089 | -34.8 | 3.663 |
| 248931.8 | 843442.7 | 97.0 | 21.738 | 16.090 | 36.5 | 27.045 | 3.1 | 21.522 | 1.556 | 1.826 | 49.6 | 2.399 | 2.6 | -2.997 | 2.066 | -34.6 | 3.640 |
| 248931.1 | 843442.0 | 97.1 | 21.609 | 15.980 | 36.5 | 26.876 | 3.1 | 21.388 | 1.549 | 1.818 | 49.6 | 2.389 | 2.6 | -2.984 | 2.040 | -34.4 | 3.615 |
| 248930.4 | 843441.3 | 97.1 | 21.499 | 15.888 | 36.5 | 26.733 | 3.2 | 21.274 | 1.543 | 1.811 | 49.6 | 2.379 | 2.6 | -2.986 | 2.035 | -34.3 | 3.614 |
| 248929.7 | 843440.6 | 97.2 | 21.429 | 15.832 | 36.5 | 26.643 | 3.2 | 21.202 | 1.537 | 1.805 | 49.6 | 2.371 | 2.6 | -3.025 | 2.073 | -34.4 | 3.667 |
| 248929.0 | 843439.9 | 97.3 | 21.400 | 15.814 | 36.5 | 26.609 | 3.2 | 21.175 | 1.533 | 1.800 | 49.6 | 2.364 | 2.6 | -3.103 | 2.158 | -34.8 | 3.780 |
| 248928.3 | 843439.2 | 97.3 | 21.284 | 15.717 | 36.4 | 26.458 | 3.2 | 21.055 | 1.526 | 1.793 | 49.6 | 2.355 | 2.6 | -3.093 | 2.140 | -34.7 | 3.761 |
| 248927.6 | 843438.4 | 97.5 | 21.274 | 15.716 | 36.5 | 26.450 | 3.2 | 21.048 | 1.523 | 1.788 | 49.6 | 2.349 | 2.6 | -3.184 | 2.242 | -35.1 | 3.894 |
| 248926.9 | 843437.7 | 97.5 | 21.213 | 15.669 | 36.5 | 26.372 | 3.3 | 20.986 | 1.518 | 1.783 | 49.6 | 2.341 | 2.6 | -3.223 | 2.281 | -35.3 | 3.948 |
| 248926.2 | 843437.0 | 97.6 | 21.124 | 15.595 | 36.4 | 26.257 | 3.3 | 20.894 | 1.512 | 1.777 | 49.6 | 2.333 | 2.6 | -3.230 | 2.285 | -35.3 | 3.957 |
| 248925.5 | 843436.3 | 97.7 | 21.066 | 15.551 | 36.4 | 26.184 | 3.3 | 20.836 | 1.508 | 1.771 | 49.6 | 2.326 | 2.6 | -3.265 | 2.322 | -35.4 | 4.007 |
| 248924.8 | 843435.6 | 97.8 | 20.962 | 15.464 | 36.4 | 26.049 | 3.3 | 20.729 | 1.503 | 1.765 | 49.6 | 2.318 | 2.6 | -3.252 | 2.303 | -35.3 | 3.985 |
| 248924.1 | 843434.8 | 97.9 | 20.943 | 15.455 | 36.4 | 26.029 | 3.3 | 20.713 | 1.499 | 1.761 | 49.6 | 2.313 | 2.6 | -3.318 | 2.378 | -35.6 | 4.082 |
| 248923.4 | 843434.1 | 98.0 | 20.897 | 15.421 | 36.4 | 25.970 | 3.3 | 20.667 | 1.496 | 1.757 | 49.6 | 2.308 | 2.6 | -3.353 | 2.417 | -35.8 | 4.133 |
| 248922.7 | 843433.4 | 98.1 | 20.837 | 15.374 | 36.4 | 25.895 | 3.4 | 20.606 | 1.492 | 1.753 | 49.6 | 2.302 | 2.6 | -3.371 | 2.437 | -35.9 | 4.159 |
| 248922.0 | 843432.7 | 98.2 | 20.829 | 15.375 | 36.4 | 25.888 | 3.3 | 20.601 | 1.490 | 1.750 | 49.6 | 2.298 | 2.5 | -3.435 | 2.512 | -36.2 | 4.255 |
| 248921.3 | 843432.0 | 98.3 | 20.841 | 15.395 | 36.5 | 25.910 | 3.3 | 20.619 | 1.489 | 1.748 | 49.6 | 2.296 | 2.5 | -3.514 | 2.606 | -36.6 | 4.375 |
| 248920.6 | 843431.3 | 98.5 | 20.853 | 15.414 | 36.5 | 25.931 | 3.3 | 20.635 | 1.488 | 1.746 | 49.6 | 2.294 | 2.5 | -3.588 | 2.693 | -36.9 | 4.486 |
| 248919.9 | 843430.5 | 98.6 | 20.883 | 15.450 | 36.5 | 25.976 | 3.3 | 20.671 | 1.488 | 1.745 | 49.6 | 2.293 | 2.5 | -3.675 | 2.796 | -37.3 | 4.618 |
| 248919.2 | 843429.8 | 98.7 | 20.809 | 15.390 | 36.5 | 25.882 | 3.3 | 20.596 | 1.485 | 1.742 | 49.6 | 2.289 | 2.5 | -3.657 | 2.774 | -37.2 | 4.590 |
| 248918.5 | 843429.1 | 98.8 | 20.726 | 15.322 | 36.5 | 25.775 | 3.3 | 20.511 | 1.482 | 1.740 | 49.6 | 2.286 | 2.5 | -3.626 | 2.737 | -37.0 | 4.543 |
| 248917.8 | 843428.4 | 98.9 | 20.643 | 15.253 | 36.5 | 25.667 | 3.4 | 20.425 | 1.480 | 1.737 | 49.6 | 2.282 | 2.4 | -3.589 | 2.693 | -36.9 | 4.487 |
| 248917.2 | 843427.7 | 98.9 | 20.551 | 15.177 | 36.4 | 25.547 | 3.4 | 20.330 | 1.478 | 1.735 | 49.6 | 2.279 | 2.4 | -3.538 | 2.632 | -36.6 | 4.410 |
| 248916.5 | 843427.0 | 99.0 | 20.454 | 15.096 | 36.4 | 25.421 | 3.4 | 20.230 | 1.476 | 1.733 | 49.6 | 2.277 | 2.4 | -3.478 | 2.560 | -36.4 | 4.318 |
| 248915.8 | 843426.2 | 99.2 | 20.513 | 15.158 | 36.5 | 25.506 | 3.4 | 20.297 | 1.479 | 1.736 | 49.6 | 2.280 | 2.4 | -3.564 | 2.661 | -36.7 | 4.448 |
| 248915.1 | 843425.5 | 99.3 | 20.450 | 15.107 | 36.5 | 25.425 | 3.4 | 20.232 | 1.478 | 1.736 | 49.6 | 2.280 | 2.4 | -3.526 | 2.614 | -36.6 | 4.390 |
| 248914.4 | 843424.8 | 99.4 | 20.394 | 15.064 | 36.5 | 25.355 | 3.4 | 20.177 | 1.479 | 1.737 | 49.6 | 2.281 | 2.4 | -3.492 | 2.571 | -36.4 | 4.336 |
| 248913.7 | 843424.1 | 99.5 | 20.330 | 15.013 | 36.4 | 25.272 | 3.4 | 20.111 | 1.479 | 1.738 | 49.6 | 2.282 | 2.4 | -3.444 | 2.510 | -36.1 | 4.261 |
| 248913.0 | 843423.4 | 99.6 | 20.261 | 14.957 | 36.4 | 25.184 | 3.5 | 20.041 | 1.479 | 1.739 | 49.6 | 2.283 | 2.5 | -3.387 | 2.438 | -35.8 | 4.173 |
| 248912.3 | 843422.6 | 99.6 | 20.192 | 14.901 | 36.4 | 25.095 | 3.5 | 19.970 | 1.480 | 1.741 | 49.6 | 2.285 | 2.5 | -3.325 | 2.360 | -35.4 | 4.078 |
| 248911.6 | 843421.9 | 99.8 | 20.281 | 14.991 | 36.5 | 25.219 | 3.4 | 20.069 | 1.485 | 1.747 | 49.6 | 2.293 | 2.5 | -3.417 | 2.463 | -35.8 | 4.212 |
| 248910.9 | 843421.2 | 100.1 | 20.377 | 15.088 | 36.5 | 25.355 | 3.4 | 20.177 | 1.490 | 1.754 | 49.7 | 2.302 | 2.5 | -3.513 | 2.570 | -36.2 | 4.353 |
| 248910.2 | 843420.5 | 100.3 | 20.474 | 15.185 | 36.6 | 25.491 | 3.3 | 20.285 | 1.495 | 1.761 | 49.7 | 2.310 | 2.5 | -3.606 | 2.673 | -36.6 | 4.488 |
| 248909.5 | 843419.8 | 100.5 | 20.570 | 15.282 | 36.6 | 25.626 | 3.2 | 20.392 | 1.500 | 1.768 | 49.7 | 2.319 | 2.5 | -3.696 | 2.772 | -36.9 | 4.620 |
| 248908.8 | 843419.1 | 100.7 | 20.661 | 15.375 | 36.7 | 25.754 | 3.2 | 20.495 | 1.506 | 1.774 | 49.7 | 2.327 | 2.5 | -3.779 | 2.863 | -37.2 | 4.741 |
| 248908.1 | 843418.3 | 100.9 | 20.735 | 15.451 | 36.7 | 25.858 | 3.1 | 20.577 | 1.510 | 1.781 | 49.7 | 2.335 | 2.5 | -3.843 | 2.931 | -37.3 | 4.833 |
| 248907.4 | 843417.6 | 101.1 | 20.807 | 15.526 | 36.7 | 25.961 | 3.1 | 20.659 | 1.514 | 1.786 | 49.7 | 2.342 | 2.6 | -3.906 | 2.997 | -37.5 | 4.924 |
| 248906.7 | 843416.9 | 101.2 | 20.752 | 15.483 | 36.7 | 25.892 | 3.1 | 20.604 | 1.515 | 1.789 | 49.7 | 2.345 | 2.6 | -3.845 | 2.916 | -37.2 | 4.826 |
| 248906.0 | 843416.2 | 101.2 | 20.626 | 15.372 | 36.7 | 25.724 | 3.1 | 20.470 | 1.515 | 1.789 | 49.8 | 2.344 | 2.6 | -3.714 | 2.750 | -36.5 | 4.621 |
| 248905.3 | 843415.5 | 101.3 | 20.572 | 15.330 | 36.7 | 25.656 | 3.2 | 20.416 | 1.515 | 1.791 | 49.8 | 2.346 | 2.7 | -3.654 | 2.669 | -36.2 | 4.525 |
| 248904.6 | 843414.7 | 101.5 | 20.649 | 15.409 | 36.7 | 25.764 | 3.1 | 20.503 | 1.519 | 1.796 | 49.8 | 2.352 | 2.7 | -3.722 | 2.742 | -36.4 | 4.623 |
| 248903.9 | 843414.0 | 101.7 | 20.724 | 15.487 | 36.8 | 25.872 | 3.1 | 20.588 | 1.522 | 1.801 | 49.8 | 2.358 | 2.7 | -3.791 | 2.815 | -36.6 | 4.722 |
| 248903.2 | 843413.3 | 101.9 | 20.800 | 15.565 | 36.8 | 25.979 | 3.0 | 20.673 | 1.526 | 1.805 | 49.8 | 2.363 | 2.7 | -3.860 | 2.889 | -36.8 | 4.822 |
| 248902.5 | 843412.6 | 102.1 | 20.803 | 15.576 | 36.8 | 25.988 | 3.0 | 20.681 | 1.527 | 1.807 | 49.8 | 2.366 | 2.7 | -3.861 | 2.881 | -36.7 | 4.817 |
| 248901.8 | 843411.9 | 102.2 | 20.800 | 15.581 | 36.8 | 25.989 | 3.0 | 20.682 | 1.528 | 1.809 | 49.8 | 2.368 | 2.7 | -3.856 | 2.868 | -36.6 | 4.806 |
| 248901.1 | 843411.2 | 102.4 | 20.797 | 15.585 | 36.8 | 25.989 | 3.0 | 20.681 | 1.529 | 1.810 | 49.8 | 2.369 | 2.7 | -3.853 | 2.856 | -36.5 | 4.796 |
| 248900.4 | 843410.4 | 102.5 | 20.791 | 15.587 | 36.9 | 25.985 | 3.0 | 20.678 | 1.529 | 1.811 | 49.8 | 2.370 | 2.8 | -3.849 | 2.843 | -36.4 | 4.785 |
| 248899.8 | 843409.7 | 102.7 | 20.835 | 15.636 | 36.9 | 26.050 | 2.9 | 20.730 | 1.530 | 1.813 | 49.8 | 2.373 | 2.8 | -3.896 | 2.890 | -36.6 | 4.851 |
| 248899.1 | 843409.0 | 102.9 | 20.948 | 15.750 | 36.9 | 26.208 | 2.9 | 20.856 | 1.534 | 1.817 | 49.8 | 2.377 | 2.8 | -4.011 | 3.021 | -37.0 | 5.021 |
| 248898.4 | 843408.3 | 103.1 | 20.970 | 15.778 | 37.0 | 26.243 | 2.9 | 20.884 | 1.534 | 1.818 | 49.8 | 2.379 | 2.8 | -4.039 | 3.047 | -37.0 | 5.060 |
| 248897.7 | 843407.6 | 103.2 | 20.935 | 15.752 | 37.0 | 26.199 | 2.9 | 20.848 | 1.533 | 1.817 | 49.8 | 2.378 | 2.8 | -4.013 | 3.008 | -36.9 | 5.015 |
| 248897.0 | 843406.8 | 103.3 | 20.855 | 15.685 | 36.9 | 26.094 | 2.9 | 20.765 | 1.531 | 1.815 | 49.9 | 2.375 | 2.8 | -3.945 | 2.919 | -36.5 | 4.907 |
| 248896.3 | 843406.1 | 103.4 | 20.733 | 15.578 | 36.9 | 25.933 | 2.9 | 20.637 | 1.528 | 1.813 | 49.9 | 2.370 | 2.9 | -3.837 | 2.782 | -35.9 | 4.739 |
| 248895.6 | 843405.4 | 103.5 | 20.611 | 15.471 | 36.9 | 25.772 | 3.0 | 20.509 | 1.524 | 1.810 | 49.9 | 2.366 | 2.9 | -3.730 | 2.645 | -35.3 | 4.572 |
| 248894.9 | 843404.7 | 103.6 | 20.602 | 15.470 | 36.9 | 25.763 | 3.0 | 20.502 | 1.524 | 1.809 | 49.9 | 2.365 | 2.9 | -3.734 | 2.642 | -35.3 | 4.574 |
| 248894.2 | 843404.0 | 103.7 | 20.549 | 15.428 | 36.9 | 25.696 | 3.0 | 20.448 | 1.522 | 1.808 | 49.9 | 2.363 | 3.0 | -3.696 | 2.590 | -35.0 | 4.513 |
| 248893.5 | 843403.3 | 103.9 | 20.571 | 15.456 | 36.9 | 25.730 | 3.0 | 20.475 | 1.522 | 1.808 | 49.9 | 2.363 | 3.0 | -3.733 | 2.627 | -35.1 | 4.565 |
| 248892.8 | 843402.5 | 104.2 | 20.702 | 15.586 | 37.0 | 25.913 | 2.9 | 20.621 | 1.525 | 1.811 | 49.9 | 2.368 | 3.0 | -3.878 | 2.794 | -35.8 | 4.780 |
| 248892.1 | 843401.8 | 104.4 | 20.845 | 15.726 | 37.0 | 26.112 | 2.8 | 20.779 | 1.529 | 1.815 | 49.9 | 2.373 | 3.0 | -4.033 | 2.973 | -36.4 | 5.010 |
| 248891.4 | 843401.1 | 104.7 | 20.961 | 15.843 | 37.1 | 26.275 | 2.8 | 20.909 | 1.532 | 1.818 | 49.9 | 2.377 | 3.0 | -4.162 | 3.121 | -36.9 | 5.202 |
| 248890.7 | 843400.4 | 104.9 | 21.013 | 15.899 | 37.1 | 26.350 | 2.7 | 20.969 | 1.533 | 1.820 | 49.9 | 2.379 | 3.0 | -4.228 | 3.193 | -37.1 | 5.298 |
| 248890.0 | 843399.7 | 105.1 | 21.156 | 15.992 | 37.1 | 26.520 | 2.7 | 21.104 | 1.545 | 1.830 | 49.8 | 2.395 | 3.0 | -4.144 | 3.147 | -37.2 | 5.204 |
| 248889.3 | 843398.9 | 105.3 | 21.285 | 16.121 | 37.1 | 26.701 | 2.6 | 21.248 | 1.549 | 1.834 | 49.8 | 2.401 | 3.0 | -4.282 | 3.306 | -37.7 | 5.410 |
| 248888.6 | 843398.2 | 105.5 | 21.306 | 16.147 | 37.2 | 26.734 | 2.6 | 21.274 | 1.550 | 1.836 | 49.8 | 2.402 | 3.0 | -4.316 | 3.339 | -37.7 | 5.457 |
| 248887.9 | 843397.5 | 105.5 | 21.076 | 15.937 | 37.1 | 26.424 | 2.7 | 21.027 | 1.543 | 1.830 | 49.9 | 2.394 | 3.1 | -4.109 | 3.084 | -36.9 | 5.138 |
| 248887.2 | 843396.8 | 105.5 | 20.849 | 15.729 | 37.0 | 26.117 | 2.8 | 20.783 | 1.537 | 1.825 | 49.9 | 2.386 | 3.1 | -3.902 | 2.827 | -35.9 | 4.818 |
| 248886.5 | 843396.1 | 105.5 | 20.621 | 15.521 | 37.0 | 25.810 | 2.9 | 20.539 | 1.531 | 1.820 | 49.9 | 2.378 | 3.2 | -3.690 | 2.564 | -34.8 | 4.493 |
| 248885.8 | 843395.4 | 105.7 | 20.692 | 15.595 | 37.0 | 25.911 | 2.9 | 20.619 | 1.534 | 1.823 | 49.9 | 2.382 | 3.2 | -3.772 | 2.655 | -35.1 | 4.613 |
| 248885.1 | 843394.6 | 106.0 | 20.871 | 15.769 | 37.1 | 26.158 | 2.8 | 20.816 | 1.540 | 1.829 | 49.9 | 2.391 | 3.2 | -3.957 | 2.871 | -36.0 | 4.889 |
| 248884.4 | 843393.9 | 106.3 | 20.994 | 15.891 | 37.1 | 26.331 | 2.7 | 20.953 | 1.544 | 1.834 | 49.9 | 2.398 | 3.2 | -4.087 | 3.021 | -36.5 | 5.082 |
| 248883.7 | 843393.2 | 106.4 | 20.999 | 15.902 | 37.1 | 26.341 | 2.7 | 20.962 | 1.545 | 1.836 | 49.9 | 2.400 | 3.2 | -4.101 | 3.031 | -36.5 | 5.099 |
| 248883.0 | 843392.5 | 106.6 | 21.018 | 15.926 | 37.2 | 26.371 | 2.7 | 20.985 | 1.547 | 1.838 | 49.9 | 2.402 | 3.3 | -4.127 | 3.057 | -36.5 | 5.136 |
| 248882.4 | 843391.8 | 106.9 | 21.151 | 16.058 | 37.2 | 26.556 | 2.6 | 21.133 | 1.552 | 1.843 | 49.9 | 2.410 | 3.3 | -4.262 | 3.214 | -37.0 | 5.338 |
| 248881.7 | 843391.0 | 107.1 | 21.270 | 16.176 | 37.3 | 26.722 | 2.6 | 21.265 | 1.557 | 1.848 | 49.9 | 2.417 | 3.3 | -4.382 | 3.353 | -37.4 | 5.518 |
| 248881.0 | 843390.3 | 107.4 | 21.406 | 16.312 | 37.3 | 26.913 | 2.5 | 21.416 | 1.562 | 1.854 | 49.9 | 2.425 | 3.3 | -4.517 | 3.512 | -37.9 | 5.721 |
| 248880.3 | 843389.6 | 107.6 | 21.465 | 16.373 | 37.3 | 26.997 | 2.4 | 21.483 | 1.565 | 1.857 | 49.9 | 2.429 | 3.3 | -4.577 | 3.581 | -38.0 | 5.811 |
| 248879.6 | 843388.9 | 107.7 | 21.416 | 16.334 | 37.3 | 26.934 | 2.5 | 21.434 | 1.565 | 1.858 | 49.9 | 2.429 | 3.3 | -4.536 | 3.530 | -37.9 | 5.748 |
| 248878.9 | 843388.2 | 108.1 | 21.701 | 16.610 | 37.4 | 27.328 | 2.3 | 21.747 | 1.575 | 1.868 | 49.9 | 2.443 | 3.3 | -4.805 | 3.853 | -38.7 | 6.160 |
| 248878.2 | 843387.5 | 108.3 | 21.836 | 16.744 | 37.5 | 27.517 | 2.2 | 21.897 | 1.581 | 1.873 | 49.8 | 2.451 | 3.2 | -4.932 | 4.006 | -39.1 | 6.355 |
| 248877.5 | 843386.7 | 108.4 | 21.747 | 16.665 | 37.5 | 27.398 | 2.3 | 21.803 | 1.580 | 1.872 | 49.8 | 2.449 | 3.3 | -4.853 | 3.912 | -38.9 | 6.233 |
| 248876.8 | 843386.0 | 108.5 | 21.615 | 16.546 | 37.4 | 27.221 | 2.3 | 21.662 | 1.577 | 1.869 | 49.8 | 2.446 | 3.3 | -4.733 | 3.768 | -38.5 | 6.050 |
| 248876.1 | 843385.3 | 108.6 | 21.452 | 16.397 | 37.4 | 27.001 | 2.4 | 21.486 | 1.574 | 1.866 | 49.9 | 2.441 | 3.3 | -4.582 | 3.588 | -38.1 | 5.819 |
| 248875.4 | 843384.6 | 108.8 | 21.444 | 16.395 | 37.4 | 26.993 | 2.4 | 21.481 | 1.575 | 1.867 | 49.9 | 2.443 | 3.3 | -4.575 | 3.583 | -38.1 | 5.811 |
| 248874.7 | 843383.9 | 109.3 | 22.008 | 16.938 | 37.6 | 27.771 | 2.1 | 22.099 | 1.595 | 1.885 | 49.8 | 2.469 | 3.2 | -5.096 | 4.218 | -39.6 | 6.615 |
| 248874.0 | 843383.2 | 109.6 | 22.257 | 17.181 | 37.7 | 28.117 | 2.0 | 22.375 | 1.605 | 1.895 | 49.7 | 2.483 | 3.2 | -5.320 | 4.494 | -40.2 | 6.964 |
| 248873.3 | 843382.4 | 109.8 | 22.261 | 17.191 | 37.7 | 28.126 | 2.0 | 22.382 | 1.606 | 1.896 | 49.7 | 2.485 | 3.2 | -5.323 | 4.504 | -40.2 | 6.972 |
| 248872.6 | 843381.7 | 110.0 | 22.263 | 17.199 | 37.7 | 28.133 | 2.0 | 22.387 | 1.608 | 1.898 | 49.7 | 2.488 | 3.2 | -5.324 | 4.513 | -40.3 | 6.979 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248871.9 | 843381.0 | 110.2 | 22.412 | 17.346 | 37.7 | 28.340 | 1.9 | 22.553 | 1.615 | 1.904 | 49.7 | 2.497 | 3.1 | -5.455 | 4.680 | -40.6 | 7.187 |
| 248871.2 | 843380.3 | 110.3 | 22.244 | 17.192 | 37.7 | 28.113 | 2.0 | 22.372 | 1.612 | 1.900 | 49.7 | 2.491 | 3.1 | -5.304 | 4.507 | -40.4 | 6.960 |
| 248870.5 | 843379.6 | 110.5 | 22.215 | 17.169 | 37.7 | 28.076 | 2.0 | 22.342 | 1.613 | 1.900 | 49.7 | 2.492 | 3.1 | -5.276 | 4.483 | -40.4 | 6.923 |
| 248869.8 | 843378.8 | 110.7 | 22.258 | 17.215 | 37.7 | 28.139 | 2.0 | 22.392 | 1.616 | 1.903 | 49.7 | 2.497 | 3.1 | -5.313 | 4.538 | -40.5 | 6.987 |
| 248869.1 | 843378.1 | 110.9 | 22.290 | 17.251 | 37.7 | 28.186 | 2.0 | 22.430 | 1.619 | 1.905 | 49.6 | 2.500 | 3.1 | -5.341 | 4.583 | -40.6 | 7.038 |
| 248868.4 | 843377.4 | 111.0 | 22.202 | 17.172 | 37.7 | 28.068 | 2.0 | 22.335 | 1.618 | 1.904 | 49.6 | 2.498 | 3.1 | -5.261 | 4.499 | -40.5 | 6.923 |
| 248867.7 | 843376.7 | 111.1 | 22.093 | 17.074 | 37.7 | 27.922 | 2.0 | 22.219 | 1.617 | 1.901 | 49.6 | 2.496 | 3.1 | -5.163 | 4.394 | -40.4 | 6.780 |
| 248867.0 | 843376.0 | 111.2 | 21.956 | 16.947 | 37.7 | 27.735 | 2.1 | 22.071 | 1.614 | 1.898 | 49.6 | 2.492 | 3.1 | -5.038 | 4.257 | -40.2 | 6.596 |
| 248866.3 | 843375.3 | 111.4 | 21.985 | 16.980 | 37.7 | 27.779 | 2.1 | 22.106 | 1.617 | 1.900 | 49.6 | 2.495 | 3.1 | -5.069 | 4.308 | -40.4 | 6.652 |
| 248865.6 | 843374.5 | 111.6 | 22.058 | 17.054 | 37.7 | 27.882 | 2.1 | 22.188 | 1.620 | 1.902 | 49.6 | 2.499 | 3.1 | -5.141 | 4.409 | -40.6 | 6.772 |
| 248865.0 | 843373.8 | 111.7 | 21.897 | 16.905 | 37.7 | 27.663 | 2.1 | 22.014 | 1.617 | 1.898 | 49.6 | 2.493 | 3.1 | -5.000 | 4.254 | -40.4 | 6.564 |
| 248864.3 | 843373.1 | 111.9 | 21.856 | 16.871 | 37.7 | 27.610 | 2.1 | 21.972 | 1.617 | 1.897 | 49.6 | 2.492 | 3.1 | -4.972 | 4.235 | -40.4 | 6.531 |
| 248863.6 | 843372.4 | 112.0 | 21.769 | 16.792 | 37.6 | 27.493 | 2.2 | 21.878 | 1.615 | 1.894 | 49.5 | 2.489 | 3.1 | -4.903 | 4.168 | -40.4 | 6.435 |
| 248862.9 | 843371.7 | 112.2 | 21.743 | 16.771 | 37.6 | 27.460 | 2.2 | 21.852 | 1.615 | 1.892 | 49.5 | 2.488 | 3.1 | -4.894 | 4.174 | -40.5 | 6.432 |
| 248862.2 | 843370.9 | 112.3 | 21.695 | 16.730 | 37.6 | 27.397 | 2.2 | 21.801 | 1.614 | 1.890 | 49.5 | 2.485 | 3.1 | -4.869 | 4.160 | -40.5 | 6.404 |
| 248861.5 | 843370.2 | 112.4 | 21.499 | 16.547 | 37.6 | 27.129 | 2.3 | 21.588 | 1.608 | 1.882 | 49.5 | 2.476 | 3.1 | -4.705 | 3.981 | -40.2 | 6.163 |
| 248860.8 | 843369.5 | 112.4 | 21.304 | 16.365 | 37.5 | 26.864 | 2.4 | 21.377 | 1.602 | 1.875 | 49.5 | 2.466 | 3.1 | -4.544 | 3.806 | -39.9 | 5.927 |
| 248860.1 | 843368.8 | 112.6 | 21.229 | 16.297 | 37.5 | 26.763 | 2.4 | 21.298 | 1.600 | 1.870 | 49.5 | 2.461 | 3.1 | -4.503 | 3.775 | -40.0 | 5.876 |
| 248859.4 | 843368.1 | 112.7 | 21.196 | 16.269 | 37.5 | 26.720 | 2.5 | 21.263 | 1.597 | 1.866 | 49.4 | 2.456 | 3.1 | -4.507 | 3.798 | -40.1 | 5.894 |
| 248858.7 | 843367.4 | 112.9 | 21.154 | 16.233 | 37.5 | 26.664 | 2.5 | 21.219 | 1.595 | 1.861 | 49.4 | 2.451 | 3.1 | -4.507 | 3.816 | -40.3 | 5.906 |
| 248858.0 | 843366.6 | 112.9 | 20.955 | 16.047 | 37.4 | 26.394 | 2.6 | 21.004 | 1.588 | 1.852 | 49.4 | 2.439 | 3.1 | -4.357 | 3.656 | -40.0 | 5.688 |
| 248857.3 | 843365.9 | 113.0 | 20.713 | 15.821 | 37.4 | 26.064 | 2.7 | 20.741 | 1.579 | 1.841 | 49.4 | 2.425 | 3.1 | -4.166 | 3.447 | -39.6 | 5.407 |
| 248856.6 | 843365.2 | 113.0 | 20.466 | 15.589 | 37.3 | 25.727 | 2.8 | 20.473 | 1.570 | 1.830 | 49.4 | 2.411 | 3.1 | -3.971 | 3.233 | -39.2 | 5.121 |
| 248855.9 | 843364.5 | 113.0 | 20.220 | 15.359 | 37.2 | 25.392 | 3.0 | 20.206 | 1.561 | 1.818 | 49.4 | 2.396 | 3.2 | -3.777 | 3.022 | -38.7 | 4.838 |
| 248855.2 | 843363.8 | 113.1 | 20.052 | 15.203 | 37.2 | 25.164 | 3.0 | 20.025 | 1.553 | 1.808 | 49.3 | 2.383 | 3.2 | -3.669 | 2.913 | -38.4 | 4.685 |
| 248854.5 | 843363.0 | 113.2 | 19.928 | 15.088 | 37.1 | 24.995 | 3.1 | 19.890 | 1.546 | 1.798 | 49.3 | 2.371 | 3.1 | -3.610 | 2.862 | -38.4 | 4.607 |
| 248853.8 | 843362.3 | 113.2 | 19.764 | 14.936 | 37.1 | 24.773 | 3.2 | 19.713 | 1.538 | 1.787 | 49.3 | 2.357 | 3.1 | -3.514 | 2.766 | -38.2 | 4.472 |
| 248853.1 | 843361.6 | 113.3 | 19.560 | 14.746 | 37.0 | 24.496 | 3.3 | 19.493 | 1.529 | 1.774 | 49.3 | 2.342 | 3.2 | -3.377 | 2.622 | -37.8 | 4.276 |
| 248852.4 | 843360.9 | 113.3 | 19.341 | 14.542 | 36.9 | 24.198 | 3.4 | 19.256 | 1.519 | 1.762 | 49.2 | 2.326 | 3.2 | -3.226 | 2.460 | -37.3 | 4.057 |
| 248851.7 | 843360.2 | 113.3 | 19.166 | 14.379 | 36.9 | 23.960 | 3.5 | 19.067 | 1.509 | 1.749 | 49.2 | 2.310 | 3.2 | -3.126 | 2.358 | -37.0 | 3.916 |
| 248851.0 | 843359.5 | 113.4 | 18.998 | 14.223 | 36.8 | 23.732 | 3.6 | 18.886 | 1.500 | 1.737 | 49.2 | 2.295 | 3.2 | -3.038 | 2.269 | -36.8 | 3.791 |
| 248850.3 | 843358.7 | 113.5 | 18.837 | 14.073 | 36.8 | 23.514 | 3.7 | 18.712 | 1.490 | 1.724 | 49.2 | 2.279 | 3.2 | -2.959 | 2.190 | -36.5 | 3.682 |
| 248849.6 | 843358.0 | 113.5 | 18.696 | 13.942 | 36.7 | 23.322 | 3.8 | 18.559 | 1.481 | 1.712 | 49.1 | 2.263 | 3.2 | -2.906 | 2.141 | -36.4 | 3.609 |
| 248848.9 | 843357.3 | 113.6 | 18.555 | 13.811 | 36.7 | 23.131 | 3.9 | 18.407 | 1.471 | 1.699 | 49.1 | 2.247 | 3.1 | -2.856 | 2.093 | -36.2 | 3.540 |
| 248848.2 | 843356.6 | 113.7 | 18.393 | 13.660 | 36.6 | 22.910 | 4.0 | 18.232 | 1.461 | 1.686 | 49.1 | 2.231 | 3.1 | -2.782 | 2.017 | -35.9 | 3.437 |
| 248847.6 | 843355.9 | 113.7 | 18.235 | 13.513 | 36.5 | 22.696 | 4.1 | 18.061 | 1.451 | 1.672 | 49.1 | 2.214 | 3.1 | -2.716 | 1.948 | -35.6 | 3.342 |
| 248846.9 | 843355.1 | 113.7 | 18.065 | 13.355 | 36.5 | 22.466 | 4.2 | 17.878 | 1.440 | 1.659 | 49.0 | 2.197 | 3.2 | -2.637 | 1.862 | -35.2 | 3.228 |
| 248846.2 | 843354.4 | 113.8 | 17.873 | 13.177 | 36.4 | 22.206 | 4.4 | 17.671 | 1.429 | 1.645 | 49.0 | 2.179 | 3.2 | -2.531 | 1.744 | -34.6 | 3.074 |
| 248845.5 | 843353.7 | 113.8 | 17.688 | 13.006 | 36.3 | 21.955 | 4.5 | 17.471 | 1.418 | 1.632 | 49.0 | 2.161 | 3.2 | -2.433 | 1.634 | -33.9 | 2.931 |
| 248844.8 | 843353.0 | 113.8 | 17.518 | 12.849 | 36.3 | 21.725 | 4.6 | 17.289 | 1.407 | 1.618 | 49.0 | 2.145 | 3.2 | -2.353 | 1.543 | -33.2 | 2.814 |
| 248844.1 | 843352.3 | 113.9 | 17.432 | 12.769 | 36.2 | 21.609 | 4.7 | 17.196 | 1.398 | 1.607 | 49.0 | 2.130 | 3.2 | -2.374 | 1.568 | -33.4 | 2.845 |
| 248843.4 | 843351.6 | 113.9 | 17.291 | 12.640 | 36.2 | 21.419 | 4.8 | 17.044 | 1.388 | 1.594 | 49.0 | 2.114 | 3.2 | -2.327 | 1.512 | -33.0 | 2.775 |
| 248842.7 | 843350.8 | 113.9 | 17.113 | 12.477 | 36.1 | 21.179 | 4.9 | 16.853 | 1.377 | 1.582 | 49.0 | 2.098 | 3.2 | -2.232 | 1.398 | -32.1 | 2.633 |
| 248842.0 | 843350.1 | 113.9 | 16.970 | 12.346 | 36.0 | 20.986 | 5.0 | 16.700 | 1.368 | 1.571 | 49.0 | 2.083 | 3.2 | -2.176 | 1.330 | -31.4 | 2.550 |
| 248841.3 | 843349.4 | 114.0 | 16.899 | 12.282 | 36.0 | 20.890 | 5.1 | 16.624 | 1.360 | 1.562 | 49.0 | 2.071 | 3.2 | -2.207 | 1.361 | -31.7 | 2.593 |
| 248840.6 | 843348.7 | 114.1 | 16.802 | 12.195 | 36.0 | 20.761 | 5.1 | 16.521 | 1.352 | 1.552 | 49.0 | 2.058 | 3.2 | -2.203 | 1.349 | -31.5 | 2.583 |
| 248839.9 | 843348.0 | 114.1 | 16.703 | 12.107 | 35.9 | 20.630 | 5.2 | 16.416 | 1.344 | 1.544 | 49.0 | 2.047 | 3.2 | -2.192 | 1.328 | -31.2 | 2.563 |
| 248839.2 | 843347.2 | 114.3 | 16.735 | 12.137 | 36.0 | 20.673 | 5.2 | 16.451 | 1.339 | 1.538 | 49.0 | 2.039 | 3.2 | -2.340 | 1.489 | -32.5 | 2.773 |
| 248838.5 | 843346.5 | 114.3 | 16.626 | 12.042 | 35.9 | 20.529 | 5.3 | 16.337 | 1.332 | 1.532 | 49.0 | 2.030 | 3.2 | -2.306 | 1.439 | -32.0 | 2.719 |
| 248837.8 | 843345.8 | 114.3 | 16.514 | 11.944 | 35.9 | 20.381 | 5.3 | 16.218 | 1.326 | 1.526 | 49.0 | 2.022 | 3.2 | -2.262 | 1.376 | -31.3 | 2.648 |

Max BF along centerline is 36.967 (uT) at 198.000 (m) from structure [redacted]-5

Cross section results at max BF along centerline between structures [redacted]-5 and [redacted]-6




3D EMF Point Results Span from [redacted]-5 to [redacted]-6:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248987.9 | 843478.8 | 95.4 | 25.640 | 13.429 | 27.6 | 28.944 | 6.3 | 23.033 | 0.737 | 0.249 | 18.7 | 0.778 | 6.0 | 0.124 | 0.125 | 45.3 | 0.176 |
| 248987.2 | 843479.5 | 95.4 | 25.274 | 13.620 | 28.3 | 28.710 | 6.4 | 22.847 | 0.553 | 0.176 | 17.6 | 0.580 | 9.8 | 0.164 | 0.162 | 44.5 | 0.230 |
| 248986.5 | 843480.2 | 95.5 | 25.008 | 13.855 | 29.0 | 28.590 | 6.3 | 22.751 | 0.396 | 0.124 | 17.4 | 0.415 | 18.8 | 0.142 | 0.230 | 58.4 | 0.270 |
| 248985.8 | 843480.9 | 95.6 | 24.898 | 14.172 | 29.6 | 28.649 | 6.3 | 22.798 | 0.277 | 0.134 | 25.8 | 0.308 | 40.6 | 0.072 | 0.334 | 77.9 | 0.341 |
| 248985.1 | 843481.6 | 95.4 | 24.665 | 14.392 | 30.3 | 28.556 | 5.9 | 22.725 | 0.186 | 0.183 | 44.6 | 0.261 | 62.0 | -0.098 | 0.462 | -78.0 | 0.472 |
| 248984.3 | 843482.3 | 95.2 | 24.517 | 14.648 | 30.9 | 28.559 | 5.5 | 22.727 | 0.189 | 0.266 | 54.6 | 0.326 | 29.3 | -0.269 | 0.588 | -65.4 | 0.647 |
| 248983.6 | 843483.0 | 95.0 | 24.522 | 14.999 | 31.5 | 28.745 | 5.1 | 22.875 | 0.281 | 0.368 | 52.6 | 0.463 | 13.9 | -0.445 | 0.732 | -58.7 | 0.856 |
| 248982.9 | 843483.7 | 94.9 | 24.650 | 15.432 | 32.0 | 29.082 | 4.7 | 23.143 | 0.404 | 0.484 | 50.1 | 0.631 | 8.0 | -0.643 | 0.899 | -54.4 | 1.105 |
| 248982.2 | 843484.4 | 94.8 | 24.871 | 15.934 | 32.6 | 29.537 | 4.2 | 23.505 | 0.539 | 0.613 | 48.7 | 0.816 | 5.2 | -0.861 | 1.088 | -51.6 | 1.388 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248981.5 | 843485.1 | 94.7 | 25.177 | 16.504 | 33.2 | 30.104 | 3.7 | 23.956 | 0.683 | 0.757 | 48.0 | 1.019 | 3.7 | -1.101 | 1.301 | -49.8 | 1.705 |
| 248980.7 | 843485.8 | 94.6 | 25.568 | 17.152 | 33.9 | 30.788 | 3.1 | 24.500 | 0.836 | 0.918 | 47.7 | 1.242 | 2.7 | -1.367 | 1.546 | -48.5 | 2.064 |
| 248980.0 | 843486.5 | 94.5 | 26.133 | 17.958 | 34.5 | 31.708 | 2.6 | 25.233 | 1.002 | 1.098 | 47.6 | 1.487 | 2.1 | -1.725 | 1.897 | -47.7 | 2.564 |
| 248979.3 | 843487.2 | 94.6 | 26.863 | 18.927 | 35.2 | 32.861 | 2.1 | 26.150 | 1.181 | 1.301 | 47.8 | 1.758 | 1.7 | -2.187 | 2.372 | -47.3 | 3.226 |
| 248978.6 | 843487.9 | 94.6 | 27.681 | 20.005 | 35.9 | 34.153 | 1.5 | 27.178 | 1.375 | 1.529 | 48.0 | 2.056 | 1.5 | -2.713 | 2.927 | -47.2 | 3.991 |
| 248977.9 | 843488.6 | 94.6 | 28.515 | 21.134 | 36.5 | 35.493 | 0.7 | 28.244 | 1.582 | 1.780 | 48.4 | 2.381 | 1.4 | -3.250 | 3.511 | -47.2 | 4.784 |
| 248977.2 | 843489.3 | 94.5 | 29.252 | 22.208 | 37.2 | 36.727 | 0.2 | 29.226 | 1.799 | 2.053 | 48.8 | 2.730 | 1.5 | -3.716 | 4.028 | -47.3 | 5.480 |
| 248976.4 | 843490.0 | 94.3 | 29.652 | 22.989 | 37.8 | 37.520 | 1.4 | 29.857 | 2.019 | 2.336 | 49.2 | 3.088 | 1.4 | -3.921 | 4.255 | -47.3 | 5.786 |
| 248975.7 | 843490.7 | 93.8 | 29.388 | 23.124 | 38.2 | 37.394 | 2.9 | 29.758 | 2.230 | 2.611 | 49.5 | 3.434 | 1.3 | -3.574 | 3.836 | -47.0 | 5.243 |
| 248975.0 | 843491.4 | 93.4 | 28.832 | 22.951 | 38.5 | 36.852 | 4.6 | 29.326 | 2.435 | 2.877 | 49.8 | 3.769 | 1.2 | -2.952 | 3.073 | -46.2 | 4.261 |
| 248974.3 | 843492.1 | 93.1 | 28.541 | 23.026 | 38.9 | 36.671 | 6.1 | 29.182 | 2.638 | 3.136 | 49.9 | 4.098 | 1.1 | -2.579 | 2.585 | -45.1 | 3.651 |
| 248973.6 | 843492.8 | 93.0 | 28.494 | 23.343 | 39.3 | 36.835 | 7.6 | 29.312 | 2.830 | 3.376 | 50.0 | 4.405 | 1.2 | -2.506 | 2.442 | -44.3 | 3.499 |
| 248972.8 | 843493.5 | 92.9 | 28.491 | 23.706 | 39.8 | 37.064 | 9.1 | 29.495 | 2.998 | 3.575 | 50.0 | 4.665 | 1.3 | -2.587 | 2.470 | -43.7 | 3.576 |
| 248972.1 | 843494.2 | 92.9 | 28.405 | 23.979 | 40.2 | 37.173 | 10.6 | 29.581 | 3.131 | 3.714 | 49.9 | 4.858 | 1.4 | -2.719 | 2.543 | -43.1 | 3.723 |
| 248971.4 | 843494.8 | 92.8 | 28.013 | 23.914 | 40.5 | 36.833 | 12.2 | 29.311 | 3.216 | 3.773 | 49.6 | 4.958 | 1.6 | -2.686 | 2.404 | -41.8 | 3.605 |
| 248970.7 | 843495.5 | 92.7 | 27.179 | 23.341 | 40.7 | 35.826 | 14.0 | 28.509 | 3.245 | 3.739 | 49.0 | 4.951 | 1.7 | -2.323 | 1.868 | -38.8 | 2.981 |
| 248970.0 | 843496.2 | 92.5 | 26.035 | 22.392 | 40.7 | 34.339 | 15.7 | 27.326 | 3.221 | 3.618 | 48.3 | 4.844 | 1.6 | -1.735 | 1.083 | -32.0 | 2.045 |
| 248969.3 | 843496.9 | 92.3 | 24.817 | 21.328 | 40.7 | 32.723 | 17.4 | 26.040 | 3.150 | 3.426 | 47.4 | 4.654 | 1.5 | -1.161 | 0.340 | -16.3 | 1.210 |
| 248968.5 | 843497.6 | 92.3 | 23.773 | 20.430 | 40.7 | 31.345 | 19.1 | 24.944 | 3.042 | 3.178 | 46.3 | 4.399 | 1.4 | -0.900 | -0.033 | 2.1 | 0.901 |
| 248967.8 | 843498.3 | 92.2 | 22.763 | 19.544 | 40.6 | 30.002 | 20.7 | 23.875 | 2.900 | 2.888 | 44.9 | 4.092 | 1.5 | -0.776 | -0.246 | 17.6 | 0.814 |
| 248967.1 | 843499.0 | 92.1 | 21.473 | 18.311 | 40.5 | 28.221 | 22.3 | 22.457 | 2.730 | 2.568 | 43.3 | 3.748 | 1.1 | -0.329 | -0.751 | 66.4 | 0.820 |
| 248966.4 | 843499.7 | 92.0 | 20.201 | 17.076 | 40.2 | 26.451 | 23.8 | 21.049 | 2.544 | 2.241 | 41.4 | 3.390 | 0.6 | 0.081 | -1.168 | -86.0 | 1.171 |

Centerline results between structures [redacted]-6 and [redacted]-7

**3D EMF Point Results Centerline from [redacted]-6 to [redacted]-7:**

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248838.1 | 843346.1 | 114.3 | 16.558 | 11.982 | 35.9 | 20.438 | 5.3 | 16.264 | 1.329 | 1.528 | 49.0 | 2.025 | 3.2 | -2.275 | 1.396 | -31.5 | 2.669 |
| 248837.4 | 843345.4 | 114.3 | 16.461 | 11.899 | 35.9 | 20.311 | 5.4 | 16.163 | 1.323 | 1.523 | 49.0 | 2.018 | 3.2 | -2.248 | 1.352 | -31.0 | 2.623 |
| 248836.7 | 843344.7 | 114.3 | 16.373 | 11.825 | 35.8 | 20.197 | 5.4 | 16.072 | 1.318 | 1.520 | 49.1 | 2.012 | 3.2 | -2.226 | 1.311 | -30.5 | 2.583 |
| 248836.0 | 843344.0 | 114.3 | 16.294 | 11.759 | 35.8 | 20.094 | 5.4 | 15.990 | 1.314 | 1.517 | 49.1 | 2.007 | 3.2 | -2.208 | 1.276 | -30.0 | 2.550 |
| 248835.3 | 843343.3 | 114.3 | 16.210 | 11.691 | 35.8 | 19.986 | 5.5 | 15.904 | 1.310 | 1.515 | 49.1 | 2.003 | 3.2 | -2.179 | 1.225 | -29.3 | 2.499 |
| 248834.6 | 843342.5 | 114.3 | 16.151 | 11.645 | 35.8 | 19.912 | 5.5 | 15.845 | 1.307 | 1.514 | 49.2 | 2.000 | 3.2 | -2.174 | 1.202 | -28.9 | 2.485 |
| 248833.9 | 843341.8 | 114.3 | 16.115 | 11.620 | 35.8 | 19.868 | 5.5 | 15.810 | 1.305 | 1.514 | 49.2 | 1.998 | 3.2 | -2.192 | 1.204 | -28.8 | 2.501 |
| 248833.2 | 843341.1 | 114.4 | 16.086 | 11.602 | 35.8 | 19.833 | 5.4 | 15.783 | 1.303 | 1.514 | 49.3 | 1.998 | 3.2 | -2.212 | 1.208 | -28.6 | 2.521 |
| 248832.5 | 843340.4 | 114.4 | 16.076 | 11.601 | 35.8 | 19.825 | 5.4 | 15.776 | 1.302 | 1.516 | 49.3 | 1.998 | 3.2 | -2.250 | 1.232 | -28.7 | 2.565 |
| 248831.9 | 843339.7 | 114.5 | 16.138 | 11.666 | 35.9 | 19.913 | 5.4 | 15.847 | 1.303 | 1.519 | 49.4 | 2.001 | 3.2 | -2.371 | 1.353 | -29.7 | 2.730 |
| 248831.2 | 843338.9 | 114.6 | 16.207 | 11.737 | 35.9 | 20.011 | 5.3 | 15.924 | 1.304 | 1.522 | 49.4 | 2.005 | 3.2 | -2.492 | 1.474 | -30.6 | 2.895 |
| 248830.5 | 843338.2 | 114.7 | 16.282 | 11.814 | 36.0 | 20.117 | 5.2 | 16.008 | 1.306 | 1.527 | 49.5 | 2.009 | 3.2 | -2.614 | 1.594 | -31.4 | 3.061 |
| 248829.8 | 843337.5 | 114.9 | 16.363 | 11.896 | 36.0 | 20.231 | 5.2 | 16.099 | 1.308 | 1.531 | 49.5 | 2.014 | 3.2 | -2.734 | 1.712 | -32.1 | 3.226 |
| 248829.1 | 843336.8 | 114.9 | 16.430 | 11.965 | 36.1 | 20.325 | 5.1 | 16.174 | 1.310 | 1.536 | 49.5 | 2.019 | 3.2 | -2.830 | 1.801 | -32.5 | 3.355 |
| 248828.4 | 843336.1 | 115.0 | 16.485 | 12.024 | 36.1 | 20.404 | 5.1 | 16.237 | 1.312 | 1.541 | 49.6 | 2.024 | 3.2 | -2.905 | 1.865 | -32.7 | 3.452 |
| 248827.7 | 843335.4 | 115.1 | 16.538 | 12.080 | 36.1 | 20.480 | 5.0 | 16.298 | 1.315 | 1.547 | 49.6 | 2.030 | 3.2 | -2.971 | 1.917 | -32.8 | 3.535 |
| 248827.0 | 843334.6 | 115.2 | 16.595 | 12.140 | 36.2 | 20.562 | 4.9 | 16.362 | 1.317 | 1.553 | 49.7 | 2.036 | 3.2 | -3.033 | 1.964 | -32.9 | 3.614 |
| 248826.3 | 843333.9 | 115.2 | 16.655 | 12.203 | 36.2 | 20.647 | 4.9 | 16.430 | 1.320 | 1.559 | 49.7 | 2.043 | 3.2 | -3.092 | 2.006 | -33.0 | 3.686 |
| 248825.6 | 843333.2 | 115.3 | 16.684 | 12.236 | 36.3 | 20.690 | 4.9 | 16.465 | 1.323 | 1.565 | 49.8 | 2.049 | 3.2 | -3.108 | 1.997 | -32.7 | 3.694 |
| 248824.9 | 843332.5 | 115.3 | 16.744 | 12.298 | 36.3 | 20.774 | 4.8 | 16.532 | 1.327 | 1.572 | 49.8 | 2.057 | 3.2 | -3.151 | 2.018 | -32.6 | 3.742 |
| 248824.2 | 843331.8 | 115.4 | 16.770 | 12.329 | 36.3 | 20.814 | 4.8 | 16.563 | 1.330 | 1.580 | 49.9 | 2.065 | 3.2 | -3.149 | 1.984 | -32.2 | 3.722 |
| 248823.5 | 843331.1 | 115.4 | 16.769 | 12.334 | 36.3 | 20.816 | 4.8 | 16.565 | 1.333 | 1.587 | 50.0 | 2.073 | 3.2 | -3.108 | 1.902 | -31.5 | 3.644 |
| 248822.8 | 843330.3 | 115.4 | 16.801 | 12.369 | 36.4 | 20.863 | 4.8 | 16.602 | 1.338 | 1.596 | 50.0 | 2.082 | 3.3 | -3.096 | 1.853 | -30.9 | 3.608 |
| 248822.1 | 843329.6 | 115.5 | 16.849 | 12.419 | 36.4 | 20.932 | 4.7 | 16.657 | 1.343 | 1.606 | 50.1 | 2.094 | 3.3 | -3.094 | 1.815 | -30.4 | 3.587 |
| 248821.4 | 843328.9 | 115.5 | 16.883 | 12.455 | 36.4 | 20.980 | 4.7 | 16.695 | 1.349 | 1.617 | 50.2 | 2.106 | 3.3 | -3.066 | 1.745 | -29.6 | 3.528 |
| 248820.7 | 843328.2 | 115.6 | 17.045 | 12.608 | 36.5 | 21.201 | 4.6 | 16.872 | 1.359 | 1.632 | 50.2 | 2.124 | 3.4 | -3.170 | 1.833 | -30.0 | 3.662 |
| 248820.0 | 843327.5 | 116.0 | 17.406 | 12.944 | 36.6 | 21.691 | 4.4 | 17.262 | 1.375 | 1.654 | 50.3 | 2.150 | 3.4 | -3.478 | 2.167 | -31.9 | 4.098 |
| 248819.3 | 843326.7 | 116.3 | 17.793 | 13.305 | 36.8 | 22.217 | 4.2 | 17.680 | 1.392 | 1.677 | 50.3 | 2.180 | 3.5 | -3.795 | 2.514 | -33.5 | 4.552 |
| 248818.6 | 843326.0 | 116.6 | 18.150 | 13.639 | 36.9 | 22.704 | 4.1 | 18.067 | 1.410 | 1.700 | 50.3 | 2.209 | 3.5 | -4.065 | 2.806 | -34.6 | 4.939 |
| 248817.9 | 843325.3 | 116.7 | 18.349 | 13.827 | 37.0 | 22.976 | 4.0 | 18.284 | 1.423 | 1.720 | 50.4 | 2.232 | 3.5 | -4.163 | 2.889 | -34.8 | 5.068 |
| 248817.2 | 843324.6 | 116.8 | 18.516 | 13.985 | 37.1 | 23.204 | 3.9 | 18.465 | 1.435 | 1.738 | 50.5 | 2.254 | 3.6 | -4.221 | 2.924 | -34.7 | 5.135 |
| 248816.5 | 843323.9 | 117.1 | 18.822 | 14.273 | 37.2 | 23.622 | 3.7 | 18.798 | 1.452 | 1.761 | 50.5 | 2.283 | 3.6 | -4.410 | 3.121 | -35.3 | 5.402 |
| 248815.8 | 843323.2 | 117.2 | 18.961 | 14.406 | 37.2 | 23.813 | 3.7 | 18.950 | 1.464 | 1.780 | 50.6 | 2.305 | 3.6 | -4.428 | 3.109 | -35.1 | 5.410 |
| 248815.1 | 843322.4 | 117.4 | 19.226 | 14.656 | 37.3 | 24.175 | 3.5 | 19.238 | 1.480 | 1.801 | 50.6 | 2.331 | 3.6 | -4.562 | 3.244 | -35.4 | 5.598 |
| 248814.5 | 843321.7 | 117.6 | 19.513 | 14.927 | 37.4 | 24.568 | 3.4 | 19.551 | 1.496 | 1.823 | 50.6 | 2.359 | 3.6 | -4.713 | 3.402 | -35.8 | 5.812 |
| 248813.8 | 843321.0 | 117.7 | 19.755 | 15.156 | 37.5 | 24.899 | 3.3 | 19.814 | 1.511 | 1.843 | 50.6 | 2.383 | 3.6 | -4.816 | 3.504 | -36.0 | 5.956 |
| 248813.1 | 843320.3 | 117.9 | 20.024 | 15.410 | 37.6 | 25.267 | 3.1 | 20.107 | 1.527 | 1.863 | 50.7 | 2.408 | 3.6 | -4.941 | 3.637 | -36.4 | 6.136 |
| 248812.4 | 843319.6 | 118.1 | 20.310 | 15.680 | 37.7 | 25.658 | 3.0 | 20.418 | 1.542 | 1.882 | 50.7 | 2.433 | 3.5 | -5.080 | 3.792 | -36.7 | 6.339 |
| 248811.7 | 843318.8 | 118.3 | 20.547 | 15.905 | 37.7 | 25.984 | 2.9 | 20.677 | 1.556 | 1.899 | 50.7 | 2.455 | 3.5 | -5.173 | 3.894 | -37.0 | 6.475 |
| 248811.0 | 843318.1 | 118.4 | 20.783 | 16.129 | 37.8 | 26.307 | 2.8 | 20.934 | 1.569 | 1.915 | 50.7 | 2.475 | 3.4 | -5.265 | 3.999 | -37.2 | 6.612 |
| 248810.3 | 843317.4 | 118.5 | 20.924 | 16.263 | 37.9 | 26.501 | 2.7 | 21.089 | 1.579 | 1.927 | 50.7 | 2.491 | 3.4 | -5.273 | 4.004 | -37.2 | 6.621 |
| 248809.6 | 843316.7 | 118.6 | 21.002 | 16.338 | 37.9 | 26.608 | 2.7 | 21.174 | 1.586 | 1.936 | 50.7 | 2.503 | 3.4 | -5.228 | 3.946 | -37.0 | 6.550 |
| 248808.9 | 843316.0 | 118.6 | 21.032 | 16.367 | 37.9 | 26.650 | 2.7 | 21.208 | 1.592 | 1.943 | 50.7 | 2.512 | 3.3 | -5.143 | 3.843 | -36.8 | 6.420 |
| 248808.2 | 843315.3 | 118.6 | 21.001 | 16.337 | 37.9 | 26.607 | 2.7 | 21.173 | 1.595 | 1.948 | 50.7 | 2.517 | 3.3 | -5.007 | 3.680 | -36.3 | 6.213 |
| 248807.5 | 843314.5 | 118.5 | 20.972 | 16.311 | 37.9 | 26.568 | 2.7 | 21.142 | 1.598 | 1.951 | 50.7 | 2.522 | 3.3 | -4.877 | 3.530 | -35.9 | 6.021 |
| 248806.8 | 843313.8 | 118.5 | 20.883 | 16.226 | 37.8 | 26.446 | 2.8 | 21.045 | 1.599 | 1.953 | 50.7 | 2.524 | 3.3 | -4.697 | 3.321 | -35.3 | 5.752 |
| 248806.1 | 843313.1 | 118.4 | 20.727 | 16.079 | 37.8 | 26.233 | 2.9 | 20.876 | 1.598 | 1.952 | 50.7 | 2.523 | 3.2 | -4.458 | 3.044 | -34.3 | 5.399 |
| 248805.4 | 843312.4 | 118.3 | 20.545 | 15.908 | 37.8 | 25.984 | 3.0 | 20.678 | 1.596 | 1.950 | 50.7 | 2.520 | 3.2 | -4.198 | 2.745 | -33.2 | 5.016 |
| 248804.7 | 843311.7 | 118.2 | 20.356 | 15.730 | 37.7 | 25.726 | 3.1 | 20.472 | 1.594 | 1.948 | 50.7 | 2.517 | 3.2 | -3.935 | 2.445 | -31.9 | 4.633 |
| 248804.0 | 843310.9 | 118.2 | 20.344 | 15.718 | 37.7 | 25.709 | 3.1 | 20.459 | 1.595 | 1.947 | 50.7 | 2.517 | 3.2 | -3.849 | 2.372 | -31.6 | 4.521 |
| 248803.3 | 843310.2 | 118.2 | 20.343 | 15.717 | 37.7 | 25.708 | 3.1 | 20.458 | 1.596 | 1.945 | 50.6 | 2.516 | 3.1 | -3.781 | 2.325 | -31.6 | 4.439 |
| 248802.6 | 843309.5 | 118.2 | 20.360 | 15.733 | 37.7 | 25.730 | 3.1 | 20.476 | 1.597 | 1.943 | 50.6 | 2.515 | 3.1 | -3.737 | 2.312 | -31.7 | 4.394 |
| 248801.9 | 843308.8 | 118.2 | 20.309 | 15.684 | 37.7 | 25.660 | 3.1 | 20.420 | 1.596 | 1.940 | 50.6 | 2.512 | 3.0 | -3.634 | 2.227 | -31.5 | 4.262 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248801.2 | 843308.1 | 118.1 | 20.191 | 15.572 | 37.6 | 25.498 | 3.2 | 20.291 | 1.593 | 1.935 | 50.5 | 2.506 | 3.0 | -3.470 | 2.069 | -30.8 | 4.040 |
| 248800.5 | 843307.4 | 118.1 | 20.214 | 15.593 | 37.6 | 25.530 | 3.2 | 20.316 | 1.593 | 1.931 | 50.5 | 2.504 | 2.9 | -3.454 | 2.097 | -31.3 | 4.041 |
| 248799.8 | 843306.6 | 118.2 | 20.241 | 15.617 | 37.7 | 25.565 | 3.2 | 20.344 | 1.593 | 1.927 | 50.4 | 2.500 | 2.9 | -3.447 | 2.138 | -31.8 | 4.056 |
| 248799.1 | 843305.9 | 118.2 | 20.213 | 15.590 | 37.6 | 25.526 | 3.2 | 20.313 | 1.591 | 1.922 | 50.4 | 2.495 | 2.8 | -3.393 | 2.122 | -32.0 | 4.002 |
| 248798.4 | 843305.2 | 118.1 | 20.056 | 15.442 | 37.6 | 25.312 | 3.3 | 20.143 | 1.587 | 1.915 | 50.4 | 2.487 | 2.8 | -3.217 | 1.956 | -31.3 | 3.765 |
| 248797.7 | 843304.5 | 118.0 | 19.947 | 15.339 | 37.6 | 25.163 | 3.4 | 20.024 | 1.583 | 1.908 | 50.3 | 2.479 | 2.7 | -3.094 | 1.856 | -31.0 | 3.608 |
| 248797.1 | 843303.8 | 118.0 | 19.904 | 15.297 | 37.5 | 25.103 | 3.4 | 19.976 | 1.580 | 1.902 | 50.3 | 2.472 | 2.7 | -3.042 | 1.846 | -31.2 | 3.559 |
| 248796.4 | 843303.0 | 118.0 | 19.909 | 15.300 | 37.5 | 25.109 | 3.4 | 19.981 | 1.577 | 1.896 | 50.2 | 2.466 | 2.6 | -3.046 | 1.903 | -32.0 | 3.592 |
| 248795.7 | 843302.3 | 118.1 | 19.988 | 15.372 | 37.6 | 25.215 | 3.4 | 20.066 | 1.576 | 1.890 | 50.2 | 2.461 | 2.5 | -3.131 | 2.058 | -33.3 | 3.747 |
| 248795.0 | 843301.6 | 118.2 | 20.206 | 15.574 | 37.6 | 25.512 | 3.3 | 20.301 | 1.577 | 1.887 | 50.1 | 2.459 | 2.3 | -3.359 | 2.387 | -35.4 | 4.121 |
| 248794.3 | 843300.9 | 118.1 | 19.989 | 15.370 | 37.6 | 25.215 | 3.4 | 20.065 | 1.570 | 1.877 | 50.1 | 2.447 | 2.3 | -3.159 | 2.193 | -34.8 | 3.845 |
| 248793.6 | 843300.2 | 117.9 | 19.640 | 15.042 | 37.4 | 24.739 | 3.6 | 19.687 | 1.560 | 1.865 | 50.1 | 2.431 | 2.3 | -2.826 | 1.839 | -33.0 | 3.372 |
| 248792.9 | 843299.5 | 117.9 | 19.729 | 15.123 | 37.5 | 24.859 | 3.5 | 19.782 | 1.557 | 1.858 | 50.0 | 2.425 | 2.2 | -2.945 | 2.031 | -34.6 | 3.577 |
| 248792.2 | 843298.7 | 117.9 | 19.664 | 15.060 | 37.4 | 24.769 | 3.6 | 19.710 | 1.552 | 1.850 | 50.0 | 2.415 | 2.1 | -2.910 | 2.037 | -35.0 | 3.552 |
| 248791.5 | 843298.0 | 117.8 | 19.518 | 14.922 | 37.4 | 24.568 | 3.7 | 19.551 | 1.545 | 1.840 | 50.0 | 2.403 | 2.1 | -2.797 | 1.947 | -34.8 | 3.408 |
| 248790.8 | 843297.3 | 117.8 | 19.372 | 14.784 | 37.4 | 24.369 | 3.8 | 19.392 | 1.538 | 1.830 | 50.0 | 2.390 | 2.0 | -2.688 | 1.861 | -34.7 | 3.269 |
| 248790.1 | 843296.6 | 117.7 | 19.273 | 14.690 | 37.3 | 24.233 | 3.8 | 19.284 | 1.531 | 1.821 | 49.9 | 2.379 | 2.0 | -2.632 | 1.837 | -34.9 | 3.209 |
| 248789.4 | 843295.9 | 117.7 | 19.195 | 14.615 | 37.3 | 24.126 | 3.9 | 19.199 | 1.525 | 1.811 | 49.9 | 2.368 | 1.9 | -2.601 | 1.842 | -35.3 | 3.187 |
| 248788.7 | 843295.1 | 117.6 | 19.117 | 14.541 | 37.3 | 24.018 | 3.9 | 19.113 | 1.518 | 1.802 | 49.9 | 2.356 | 1.8 | -2.573 | 1.850 | -35.7 | 3.169 |
| 248788.0 | 843294.4 | 117.6 | 19.040 | 14.467 | 37.2 | 23.913 | 4.0 | 19.029 | 1.511 | 1.792 | 49.9 | 2.345 | 1.8 | -2.550 | 1.863 | -36.1 | 3.158 |
| 248787.3 | 843293.7 | 117.6 | 18.974 | 14.403 | 37.2 | 23.821 | 4.0 | 18.956 | 1.505 | 1.783 | 49.8 | 2.333 | 1.7 | -2.540 | 1.889 | -36.6 | 3.165 |
| 248786.6 | 843293.0 | 117.5 | 18.906 | 14.338 | 37.2 | 23.728 | 4.1 | 18.882 | 1.498 | 1.774 | 49.8 | 2.322 | 1.6 | -2.532 | 1.917 | -37.1 | 3.175 |
| 248785.9 | 843292.3 | 117.5 | 18.798 | 14.235 | 37.1 | 23.579 | 4.1 | 18.764 | 1.490 | 1.764 | 49.8 | 2.309 | 1.6 | -2.482 | 1.893 | -37.3 | 3.121 |
| 248785.2 | 843291.6 | 117.4 | 18.684 | 14.127 | 37.1 | 23.424 | 4.2 | 18.640 | 1.483 | 1.754 | 49.8 | 2.297 | 1.5 | -2.428 | 1.864 | -37.5 | 3.061 |
| 248784.5 | 843290.8 | 117.3 | 18.572 | 14.021 | 37.1 | 23.271 | 4.3 | 18.518 | 1.475 | 1.744 | 49.8 | 2.284 | 1.5 | -2.378 | 1.836 | -37.7 | 3.004 |
| 248783.8 | 843290.1 | 117.3 | 18.461 | 13.916 | 37.0 | 23.118 | 4.3 | 18.397 | 1.468 | 1.735 | 49.8 | 2.272 | 1.4 | -2.328 | 1.809 | -37.9 | 2.948 |
| 248783.1 | 843289.4 | 117.2 | 18.379 | 13.837 | 37.0 | 23.006 | 4.4 | 18.307 | 1.461 | 1.726 | 49.7 | 2.261 | 1.4 | -2.310 | 1.819 | -38.2 | 2.940 |
| 248782.4 | 843288.7 | 117.2 | 18.311 | 13.772 | 36.9 | 22.912 | 4.4 | 18.233 | 1.454 | 1.717 | 49.7 | 2.250 | 1.3 | -2.307 | 1.845 | -38.6 | 2.954 |
| 248781.7 | 843288.0 | 117.2 | 18.242 | 13.706 | 36.9 | 22.817 | 4.5 | 18.157 | 1.448 | 1.709 | 49.7 | 2.240 | 1.3 | -2.303 | 1.869 | -39.1 | 2.966 |
| 248781.0 | 843287.3 | 117.2 | 18.174 | 13.639 | 36.9 | 22.723 | 4.5 | 18.082 | 1.442 | 1.701 | 49.7 | 2.230 | 1.2 | -2.298 | 1.891 | -39.4 | 2.976 |
| 248780.3 | 843286.5 | 117.1 | 18.105 | 13.573 | 36.9 | 22.627 | 4.6 | 18.006 | 1.436 | 1.693 | 49.7 | 2.220 | 1.2 | -2.292 | 1.910 | -39.8 | 2.984 |
| 248779.7 | 843285.8 | 117.1 | 18.035 | 13.506 | 36.8 | 22.532 | 4.6 | 17.930 | 1.430 | 1.686 | 49.7 | 2.210 | 1.1 | -2.285 | 1.928 | -40.1 | 2.990 |
| 248779.0 | 843285.1 | 117.1 | 17.966 | 13.439 | 36.8 | 22.436 | 4.7 | 17.854 | 1.424 | 1.678 | 49.7 | 2.201 | 1.1 | -2.277 | 1.942 | -40.5 | 2.992 |
| 248778.3 | 843284.4 | 117.0 | 17.895 | 13.370 | 36.8 | 22.338 | 4.7 | 17.776 | 1.418 | 1.671 | 49.7 | 2.192 | 1.0 | -2.265 | 1.952 | -40.8 | 2.991 |
| 248777.6 | 843283.7 | 117.0 | 17.808 | 13.288 | 36.7 | 22.219 | 4.8 | 17.681 | 1.412 | 1.664 | 49.7 | 2.183 | 1.0 | -2.236 | 1.940 | -40.9 | 2.960 |
| 248776.9 | 843282.9 | 117.0 | 17.721 | 13.205 | 36.7 | 22.100 | 4.8 | 17.587 | 1.407 | 1.658 | 49.7 | 2.174 | 1.0 | -2.204 | 1.924 | -41.1 | 2.926 |
| 248776.2 | 843282.2 | 116.9 | 17.634 | 13.122 | 36.7 | 21.981 | 4.9 | 17.492 | 1.401 | 1.651 | 49.7 | 2.166 | 0.9 | -2.170 | 1.906 | -41.3 | 2.888 |
| 248775.5 | 843281.5 | 116.9 | 17.551 | 13.042 | 36.6 | 21.866 | 4.9 | 17.400 | 1.396 | 1.645 | 49.7 | 2.157 | 0.9 | -2.138 | 1.888 | -41.5 | 2.852 |
| 248774.8 | 843280.8 | 116.9 | 17.489 | 12.983 | 36.6 | 21.781 | 5.0 | 17.333 | 1.392 | 1.639 | 49.7 | 2.150 | 0.9 | -2.128 | 1.897 | -41.7 | 2.851 |
| 248774.1 | 843280.1 | 116.8 | 17.435 | 12.929 | 36.6 | 21.706 | 5.0 | 17.273 | 1.387 | 1.633 | 49.7 | 2.143 | 0.8 | -2.125 | 1.912 | -42.0 | 2.859 |
| 248773.4 | 843279.4 | 116.8 | 17.389 | 12.883 | 36.5 | 21.641 | 5.0 | 17.221 | 1.383 | 1.628 | 49.7 | 2.136 | 0.8 | -2.127 | 1.935 | -42.3 | 2.875 |
| 248772.7 | 843278.6 | 116.8 | 17.342 | 12.836 | 36.5 | 21.576 | 5.1 | 17.169 | 1.379 | 1.623 | 49.7 | 2.130 | 0.8 | -2.127 | 1.954 | -42.6 | 2.888 |
| 248772.0 | 843277.9 | 116.8 | 17.294 | 12.789 | 36.5 | 21.509 | 5.1 | 17.117 | 1.375 | 1.618 | 49.7 | 2.123 | 0.7 | -2.125 | 1.969 | -42.8 | 2.897 |
| 248771.3 | 843277.2 | 116.8 | 17.243 | 12.739 | 36.5 | 21.439 | 5.2 | 17.060 | 1.371 | 1.614 | 49.7 | 2.117 | 0.7 | -2.117 | 1.978 | -43.1 | 2.898 |
| 248770.6 | 843276.5 | 116.8 | 17.183 | 12.681 | 36.4 | 21.356 | 5.2 | 16.994 | 1.367 | 1.609 | 49.7 | 2.111 | 0.7 | -2.098 | 1.973 | -43.2 | 2.879 |
| 248769.9 | 843275.8 | 116.8 | 17.123 | 12.622 | 36.4 | 21.272 | 5.2 | 16.928 | 1.363 | 1.604 | 49.6 | 2.105 | 0.6 | -2.075 | 1.964 | -43.4 | 2.857 |
| 248769.2 | 843275.0 | 116.7 | 17.062 | 12.562 | 36.4 | 21.187 | 5.3 | 16.860 | 1.359 | 1.599 | 49.6 | 2.098 | 0.6 | -2.051 | 1.952 | -43.6 | 2.831 |
| 248768.5 | 843274.3 | 116.7 | 17.000 | 12.503 | 36.3 | 21.103 | 5.3 | 16.793 | 1.355 | 1.594 | 49.6 | 2.092 | 0.6 | -2.025 | 1.937 | -43.7 | 2.802 |
| 248767.8 | 843273.6 | 116.7 | 16.939 | 12.443 | 36.3 | 21.018 | 5.4 | 16.725 | 1.351 | 1.590 | 49.6 | 2.086 | 0.5 | -1.996 | 1.920 | -43.9 | 2.769 |
| 248767.1 | 843272.9 | 116.7 | 16.877 | 12.383 | 36.3 | 20.932 | 5.4 | 16.657 | 1.347 | 1.585 | 49.6 | 2.080 | 0.5 | -1.965 | 1.900 | -44.0 | 2.733 |
| 248766.4 | 843272.2 | 116.7 | 16.815 | 12.323 | 36.2 | 20.846 | 5.5 | 16.589 | 1.343 | 1.581 | 49.6 | 2.074 | 0.5 | -1.932 | 1.877 | -44.2 | 2.694 |
| 248765.7 | 843271.5 | 116.7 | 16.758 | 12.267 | 36.2 | 20.768 | 5.5 | 16.527 | 1.339 | 1.576 | 49.6 | 2.068 | 0.4 | -1.904 | 1.860 | -44.3 | 2.661 |
| 248765.0 | 843270.7 | 116.6 | 16.701 | 12.212 | 36.2 | 20.689 | 5.6 | 16.464 | 1.336 | 1.572 | 49.6 | 2.063 | 0.4 | -1.873 | 1.839 | -44.5 | 2.625 |
| 248764.3 | 843270.0 | 116.6 | 16.644 | 12.156 | 36.1 | 20.610 | 5.6 | 16.401 | 1.332 | 1.568 | 49.6 | 2.057 | 0.4 | -1.840 | 1.816 | -44.6 | 2.585 |
| 248763.6 | 843269.3 | 116.6 | 16.589 | 12.102 | 36.1 | 20.534 | 5.6 | 16.341 | 1.328 | 1.563 | 49.6 | 2.052 | 0.3 | -1.808 | 1.794 | -44.8 | 2.547 |
| 248762.9 | 843268.6 | 116.6 | 16.547 | 12.060 | 36.1 | 20.475 | 5.7 | 16.294 | 1.325 | 1.559 | 49.6 | 2.046 | 0.3 | -1.788 | 1.786 | -45.0 | 2.527 |
| 248762.3 | 843267.9 | 116.6 | 16.504 | 12.017 | 36.1 | 20.416 | 5.7 | 16.246 | 1.322 | 1.556 | 49.6 | 2.041 | 0.3 | -1.766 | 1.775 | -45.1 | 2.504 |
| 248761.6 | 843267.1 | 116.6 | 16.461 | 11.974 | 36.0 | 20.355 | 5.8 | 16.198 | 1.318 | 1.552 | 49.6 | 2.036 | 0.2 | -1.741 | 1.760 | -45.3 | 2.476 |
| 248760.9 | 843266.4 | 116.6 | 16.417 | 11.930 | 36.0 | 20.294 | 5.8 | 16.150 | 1.315 | 1.548 | 49.7 | 2.031 | 0.2 | -1.714 | 1.743 | -45.5 | 2.444 |
| 248760.2 | 843265.7 | 116.6 | 16.356 | 11.870 | 36.0 | 20.209 | 5.8 | 16.082 | 1.312 | 1.544 | 49.7 | 2.026 | 0.2 | -1.665 | 1.699 | -45.6 | 2.379 |
| 248759.5 | 843265.0 | 116.6 | 16.293 | 11.810 | 35.9 | 20.123 | 5.9 | 16.013 | 1.308 | 1.541 | 49.7 | 2.021 | 0.2 | -1.612 | 1.650 | -45.7 | 2.307 |
| 248758.8 | 843264.3 | 116.6 | 16.230 | 11.749 | 35.9 | 20.036 | 5.9 | 15.944 | 1.305 | 1.537 | 49.7 | 2.016 | 0.2 | -1.556 | 1.598 | -45.8 | 2.231 |
| 248758.1 | 843263.6 | 116.6 | 16.166 | 11.687 | 35.9 | 19.948 | 6.0 | 15.874 | 1.302 | 1.534 | 49.7 | 2.012 | 0.2 | -1.498 | 1.542 | -45.8 | 2.150 |
| 248757.4 | 843262.8 | 116.5 | 16.110 | 11.633 | 35.8 | 19.871 | 6.0 | 15.813 | 1.299 | 1.531 | 49.7 | 2.008 | 0.2 | -1.447 | 1.494 | -45.9 | 2.080 |
| 248756.7 | 843262.1 | 116.5 | 16.058 | 11.582 | 35.8 | 19.799 | 6.1 | 15.756 | 1.296 | 1.528 | 49.7 | 2.004 | 0.2 | -1.396 | 1.447 | -46.0 | 2.010 |
| 248756.0 | 843261.4 | 116.5 | 16.014 | 11.538 | 35.8 | 19.738 | 6.1 | 15.707 | 1.294 | 1.526 | 49.7 | 2.001 | 0.2 | -1.353 | 1.407 | -46.1 | 1.952 |
| 248755.3 | 843260.7 | 116.6 | 16.003 | 11.523 | 35.8 | 19.719 | 6.1 | 15.692 | 1.292 | 1.524 | 49.7 | 1.998 | 0.2 | -1.344 | 1.408 | -46.3 | 1.947 |
| 248754.6 | 843260.0 | 116.6 | 15.990 | 11.507 | 35.7 | 19.700 | 6.2 | 15.677 | 1.290 | 1.523 | 49.7 | 1.996 | 0.2 | -1.332 | 1.404 | -46.5 | 1.936 |
| 248753.9 | 843259.2 | 116.6 | 15.977 | 11.490 | 35.7 | 19.680 | 6.2 | 15.661 | 1.288 | 1.522 | 49.8 | 1.994 | 0.3 | -1.317 | 1.397 | -46.7 | 1.919 |
| 248753.2 | 843258.5 | 116.7 | 15.962 | 11.471 | 35.7 | 19.656 | 6.2 | 15.642 | 1.286 | 1.521 | 49.8 | 1.992 | 0.3 | -1.296 | 1.382 | -46.8 | 1.894 |
| 248752.5 | 843257.8 | 116.7 | 15.934 | 11.441 | 35.7 | 19.616 | 6.2 | 15.610 | 1.285 | 1.520 | 49.8 | 1.990 | 0.3 | -1.258 | 1.347 | -46.9 | 1.843 |
| 248751.8 | 843257.1 | 116.7 | 15.913 | 11.417 | 35.7 | 19.585 | 6.3 | 15.585 | 1.283 | 1.519 | 49.8 | 1.989 | 0.3 | -1.227 | 1.318 | -47.1 | 1.801 |
| 248751.1 | 843256.4 | 116.7 | 15.901 | 11.402 | 35.6 | 19.566 | 6.3 | 15.570 | 1.282 | 1.519 | 49.8 | 1.987 | 0.3 | -1.203 | 1.299 | -47.2 | 1.770 |
| 248750.4 | 843255.7 | 116.8 | 15.911 | 11.405 | 35.6 | 19.576 | 6.3 | 15.578 | 1.281 | 1.519 | 49.9 | 1.987 | 0.3 | -1.201 | 1.305 | -47.4 | 1.774 |
| 248749.7 | 843254.9 | 116.8 | 15.921 | 11.408 | 35.6 | 19.586 | 6.3 | 15.586 | 1.280 | 1.520 | 49.9 | 1.987 | 0.3 | -1.197 | 1.308 | -47.5 | 1.773 |
| 248749.0 | 843254.2 | 116.9 | 15.932 | 11.412 | 35.6 | 19.597 | 6.3 | 15.595 | 1.279 | 1.520 | 49.9 | 1.987 | 0.3 | -1.192 | 1.310 | -47.7 | 1.771 |
| 248748.3 | 843253.5 | 117.0 | 15.943 | 11.415 | 35.6 | 19.608 | 6.3 | 15.604 | 1.278 | 1.521 | 50.0 | 1.987 | 0.3 | -1.184 | 1.308 | -47.9 | 1.764 |
| 248747.6 | 843252.8 | 117.0 | 15.952 | 11.418 | 35.6 | 19.618 | 6.4 | 15.611 | 1.277 | 1.522 | 50.0 | 1.987 | 0.4 | -1.173 | 1.303 | -48.0 | 1.753 |
| 248746.9 | 843252.1 | 117.1 | 15.962 | 11.421 | 35.6 | 19.627 | 6.4 | 15.619 | 1.277 | 1.522 | 50.0 | 1.987 | 0.4 | -1.159 | 1.294 | -48.2 | 1.737 |
| 248746.2 | 843251.3 | 117.1 | 15.970 | 11.422 | 35.6 | 19.635 | 6.4 | 15.625 | 1.276 | 1.523 | 50.0 | 1.987 | 0.4 | -1.143 | 1.282 | -48.3 | 1.717 |
| 248745.5 | 843250.6 | 117.2 | 15.978 | 11.424 | 35.6 | 19.642 | 6.4 | 15.631 | 1.275 | 1.524 | 50.1 | 1.988 | 0.4 | -1.123 | 1.267 | -48.4 | 1.693 |
| 248744.9 | 843249.9 | 117.2 | 15.986 | 11.424 | 35.6 | 19.648 | 6.4 | 15.636 | 1.275 | 1.526 | 50.1 | 1.988 | 0.4 | -1.101 | 1.248 | -48.6 | 1.664 |
| 248744.2 | 843249.2 | 117.3 | 16.015 | 11.444 | 35.5 | 19.684 | 6.4 | 15.664 | 1.275 | 1.527 | 50.1 | 1.989 | 0.4 | -1.101 | 1.257 | -48.8 | 1.671 |
| 248743.5 | 843248.5 | 117.4 | 16.047 | 11.466 | 35.5 | 19.722 | 6.4 | 15.695 | 1.274 | 1.528 | 50.2 | 1.990 | 0.3 | -1.103 | 1.267 | -49.0 | 1.679 |
| 248742.8 | 843247.8 | 117.5 | 16.079 | 11.487 | 35.5 | 19.760 | 6.4 | 15.725 | 1.274 | 1.530 | 50.2 | 1.991 | 0.3 | -1.101 | 1.274 | -49.2 | 1.684 |
| 248742.1 | 843247.0 | 117.6 | 16.110 | 11.507 | 35.5 | 19.797 | 6.4 | 15.754 | 1.274 | 1.531 | 50.2 | 1.992 | 0.3 | -1.097 | 1.278 | -49.4 | 1.684 |
| 248741.4 | 843246.3 | 117.6 | 16.140 | 11.528 | 35.5 | 19.834 | 6.4 | 15.783 | 1.274 | 1.533 | 50.3 | 1.993 | 0.3 | -1.090 | 1.279 | -49.6 | 1.681 |

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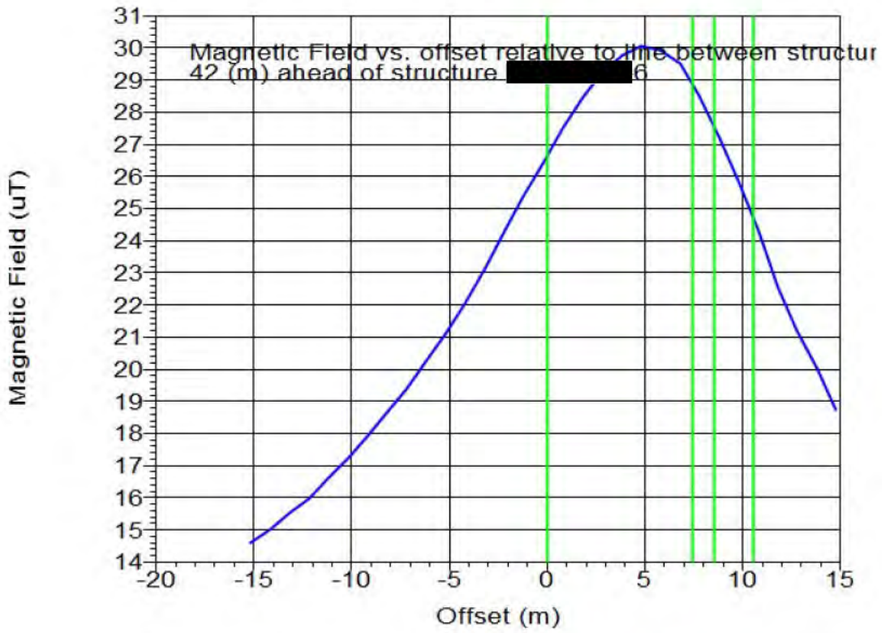
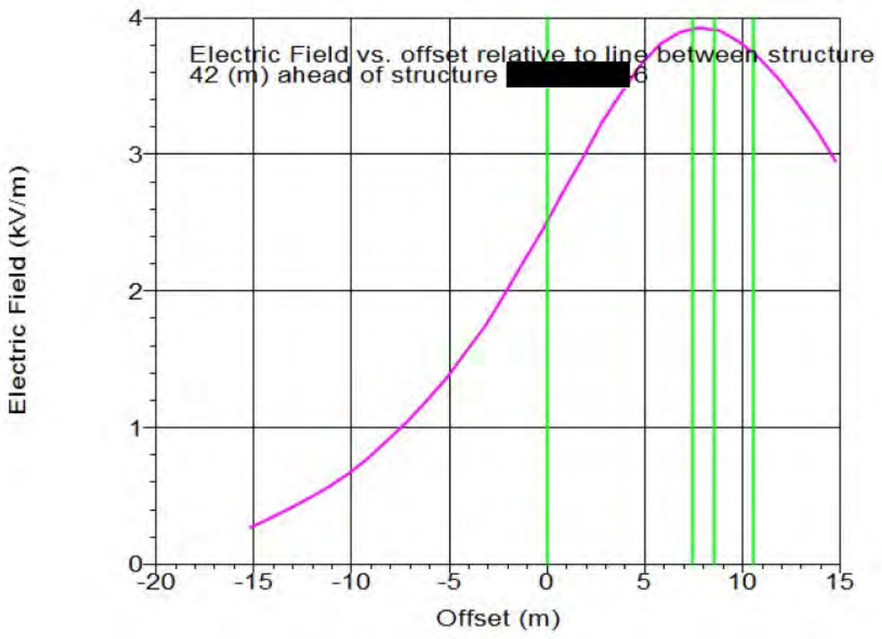
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248740.7 | 843245.6 | 117.7 | 16.175 | 11.552 | 35.5 | 19.877 | 6.4 | 15.817 | 1.273 | 1.534 | 50.3 | 1.994 | 0.3 | -1.087 | 1.285 | -49.8 | 1.683 |
| 248740.0 | 843244.9 | 117.8 | 16.217 | 11.582 | 35.5 | 19.929 | 6.4 | 15.859 | 1.273 | 1.536 | 50.3 | 1.995 | 0.3 | -1.089 | 1.298 | -50.0 | 1.695 |
| 248739.3 | 843244.2 | 117.9 | 16.259 | 11.612 | 35.5 | 19.980 | 6.4 | 15.900 | 1.273 | 1.538 | 50.4 | 1.996 | 0.3 | -1.089 | 1.308 | -50.2 | 1.702 |
| 248738.6 | 843243.5 | 118.0 | 16.301 | 11.642 | 35.5 | 20.031 | 6.4 | 15.940 | 1.273 | 1.539 | 50.4 | 1.998 | 0.3 | -1.086 | 1.316 | -50.5 | 1.706 |
| 248737.9 | 843242.7 | 118.1 | 16.341 | 11.671 | 35.5 | 20.081 | 6.4 | 15.980 | 1.273 | 1.541 | 50.4 | 1.999 | 0.3 | -1.080 | 1.320 | -50.7 | 1.706 |
| 248737.2 | 843242.0 | 118.2 | 16.386 | 11.703 | 35.5 | 20.136 | 6.4 | 16.023 | 1.274 | 1.543 | 50.5 | 2.001 | 0.3 | -1.076 | 1.327 | -51.0 | 1.708 |
| 248736.5 | 843241.3 | 118.3 | 16.426 | 11.730 | 35.5 | 20.184 | 6.4 | 16.062 | 1.274 | 1.545 | 50.5 | 2.002 | 0.3 | -1.064 | 1.326 | -51.2 | 1.700 |
| 248735.8 | 843240.6 | 118.4 | 16.465 | 11.758 | 35.5 | 20.232 | 6.4 | 16.100 | 1.274 | 1.547 | 50.5 | 2.004 | 0.3 | -1.050 | 1.321 | -51.5 | 1.687 |
| 248735.1 | 843239.9 | 118.4 | 16.503 | 11.784 | 35.5 | 20.279 | 6.4 | 16.137 | 1.275 | 1.549 | 50.6 | 2.006 | 0.3 | -1.033 | 1.313 | -51.8 | 1.671 |
| 248734.4 | 843239.1 | 118.5 | 16.553 | 11.819 | 35.5 | 20.339 | 6.5 | 16.185 | 1.274 | 1.554 | 50.6 | 2.009 | 0.3 | -1.027 | 1.294 | -51.5 | 1.652 |
| 248733.7 | 843238.4 | 118.6 | 16.627 | 11.884 | 35.6 | 20.438 | 6.4 | 16.264 | 1.284 | 1.561 | 50.5 | 2.021 | 0.3 | -1.151 | 1.361 | -49.8 | 1.782 |
| 248733.0 | 843237.7 | 118.7 | 16.649 | 11.895 | 35.5 | 20.462 | 6.4 | 16.283 | 1.285 | 1.563 | 50.6 | 2.023 | 0.3 | -1.109 | 1.324 | -50.0 | 1.727 |
| 248732.3 | 843237.0 | 118.8 | 16.675 | 11.911 | 35.5 | 20.492 | 6.4 | 16.307 | 1.285 | 1.566 | 50.6 | 2.026 | 0.3 | -1.068 | 1.289 | -50.3 | 1.674 |
| 248731.6 | 843236.3 | 118.9 | 16.723 | 11.945 | 35.5 | 20.551 | 6.4 | 16.354 | 1.286 | 1.569 | 50.7 | 2.029 | 0.3 | -1.048 | 1.280 | -50.7 | 1.654 |
| 248730.9 | 843235.6 | 119.0 | 16.771 | 11.979 | 35.5 | 20.609 | 6.4 | 16.400 | 1.287 | 1.572 | 50.7 | 2.032 | 0.3 | -1.025 | 1.267 | -51.0 | 1.630 |
| 248730.2 | 843234.8 | 119.1 | 16.818 | 12.012 | 35.5 | 20.667 | 6.4 | 16.446 | 1.288 | 1.575 | 50.7 | 2.035 | 0.3 | -0.999 | 1.251 | -51.4 | 1.601 |
| 248729.5 | 843234.1 | 119.2 | 16.875 | 12.054 | 35.5 | 20.738 | 6.4 | 16.502 | 1.290 | 1.579 | 50.8 | 2.039 | 0.3 | -0.980 | 1.244 | -51.8 | 1.584 |
| 248728.8 | 843233.4 | 119.3 | 16.931 | 12.095 | 35.5 | 20.808 | 6.4 | 16.558 | 1.291 | 1.583 | 50.8 | 2.043 | 0.3 | -0.958 | 1.234 | -52.2 | 1.562 |
| 248728.1 | 843232.7 | 119.4 | 16.987 | 12.136 | 35.5 | 20.877 | 6.4 | 16.613 | 1.293 | 1.587 | 50.8 | 2.047 | 0.3 | -0.933 | 1.220 | -52.6 | 1.536 |
| 248727.5 | 843232.0 | 119.5 | 17.049 | 12.181 | 35.5 | 20.954 | 6.4 | 16.675 | 1.295 | 1.591 | 50.9 | 2.051 | 0.3 | -0.911 | 1.210 | -53.0 | 1.515 |
| 248726.8 | 843231.2 | 119.6 | 17.123 | 12.237 | 35.6 | 21.046 | 6.4 | 16.748 | 1.297 | 1.596 | 50.9 | 2.056 | 0.3 | -0.898 | 1.212 | -53.4 | 1.508 |
| 248726.1 | 843230.5 | 119.8 | 17.204 | 12.299 | 35.6 | 21.149 | 6.3 | 16.829 | 1.299 | 1.600 | 50.9 | 2.061 | 0.3 | -0.890 | 1.220 | -53.9 | 1.510 |
| 248725.4 | 843229.8 | 119.9 | 17.288 | 12.363 | 35.6 | 21.254 | 6.3 | 16.913 | 1.302 | 1.605 | 51.0 | 2.067 | 0.3 | -0.881 | 1.227 | -54.3 | 1.511 |
| 248724.7 | 843229.1 | 120.0 | 17.371 | 12.427 | 35.6 | 21.358 | 6.3 | 16.996 | 1.305 | 1.610 | 51.0 | 2.073 | 0.3 | -0.869 | 1.231 | -54.8 | 1.507 |
| 248724.0 | 843228.4 | 120.2 | 17.454 | 12.490 | 35.6 | 21.463 | 6.3 | 17.080 | 1.307 | 1.616 | 51.0 | 2.078 | 0.3 | -0.853 | 1.231 | -55.3 | 1.498 |
| 248723.3 | 843227.7 | 120.3 | 17.529 | 12.546 | 35.6 | 21.556 | 6.3 | 17.154 | 1.310 | 1.621 | 51.1 | 2.084 | 0.3 | -0.827 | 1.218 | -55.8 | 1.472 |
| 248722.6 | 843226.9 | 120.4 | 17.593 | 12.593 | 35.6 | 21.635 | 6.3 | 17.217 | 1.313 | 1.627 | 51.1 | 2.090 | 0.3 | -0.787 | 1.188 | -56.5 | 1.425 |
| 248721.9 | 843226.2 | 120.5 | 17.656 | 12.639 | 35.6 | 21.714 | 6.3 | 17.279 | 1.316 | 1.632 | 51.1 | 2.097 | 0.3 | -0.744 | 1.154 | -57.2 | 1.373 |
| 248721.2 | 843225.5 | 120.7 | 17.719 | 12.685 | 35.6 | 21.792 | 6.3 | 17.341 | 1.319 | 1.638 | 51.2 | 2.103 | 0.4 | -0.698 | 1.117 | -58.0 | 1.317 |
| 248720.5 | 843224.8 | 120.8 | 17.782 | 12.730 | 35.6 | 21.869 | 6.3 | 17.403 | 1.322 | 1.644 | 51.2 | 2.110 | 0.4 | -0.649 | 1.077 | -58.9 | 1.257 |
| 248719.8 | 843224.1 | 120.9 | 17.844 | 12.774 | 35.6 | 21.945 | 6.3 | 17.464 | 1.326 | 1.650 | 51.2 | 2.117 | 0.4 | -0.597 | 1.033 | -60.0 | 1.193 |
| 248719.1 | 843223.3 | 121.0 | 17.906 | 12.819 | 35.6 | 22.021 | 6.3 | 17.524 | 1.329 | 1.656 | 51.3 | 2.124 | 0.4 | -0.542 | 0.985 | -61.2 | 1.125 |
| 248718.4 | 843222.6 | 121.1 | 17.991 | 12.883 | 35.6 | 22.128 | 6.3 | 17.609 | 1.333 | 1.663 | 51.3 | 2.131 | 0.4 | -0.508 | 0.964 | -62.2 | 1.089 |
| 248717.7 | 843221.9 | 121.3 | 18.086 | 12.955 | 35.6 | 22.247 | 6.3 | 17.704 | 1.337 | 1.670 | 51.3 | 2.139 | 0.4 | -0.481 | 0.951 | -63.2 | 1.066 |
| 248717.0 | 843221.2 | 121.4 | 18.187 | 13.033 | 35.6 | 22.375 | 6.2 | 17.806 | 1.341 | 1.677 | 51.4 | 2.147 | 0.5 | -0.459 | 0.944 | -64.1 | 1.050 |
| 248716.3 | 843220.5 | 121.6 | 18.312 | 13.131 | 35.6 | 22.533 | 6.2 | 17.931 | 1.345 | 1.685 | 51.4 | 2.156 | 0.5 | -0.457 | 0.962 | -64.6 | 1.065 |
| 248715.6 | 843219.8 | 121.8 | 18.435 | 13.228 | 35.7 | 22.690 | 6.2 | 18.056 | 1.350 | 1.692 | 51.4 | 2.165 | 0.6 | -0.452 | 0.977 | -65.2 | 1.077 |
| 248714.9 | 843219.0 | 121.9 | 18.544 | 13.311 | 35.7 | 22.827 | 6.1 | 18.165 | 1.354 | 1.700 | 51.5 | 2.173 | 0.6 | -0.431 | 0.973 | -66.1 | 1.064 |
| 248714.2 | 843218.3 | 122.1 | 18.652 | 13.395 | 35.7 | 22.963 | 6.1 | 18.274 | 1.359 | 1.707 | 51.5 | 2.182 | 0.7 | -0.409 | 0.967 | -67.1 | 1.050 |
| 248713.5 | 843217.6 | 122.2 | 18.761 | 13.478 | 35.7 | 23.100 | 6.1 | 18.383 | 1.363 | 1.714 | 51.5 | 2.190 | 0.7 | -0.387 | 0.960 | -68.1 | 1.035 |
| 248712.8 | 843216.9 | 122.4 | 18.869 | 13.561 | 35.7 | 23.237 | 6.1 | 18.491 | 1.367 | 1.722 | 51.6 | 2.198 | 0.8 | -0.364 | 0.954 | -69.1 | 1.021 |
| 248712.1 | 843216.2 | 122.5 | 19.002 | 13.666 | 35.7 | 23.406 | 6.0 | 18.626 | 1.371 | 1.729 | 51.6 | 2.206 | 0.8 | -0.364 | 0.976 | -69.5 | 1.042 |
| 248711.4 | 843215.4 | 122.7 | 19.146 | 13.779 | 35.7 | 23.588 | 6.0 | 18.771 | 1.375 | 1.736 | 51.6 | 2.215 | 0.9 | -0.374 | 1.011 | -69.7 | 1.077 |
| 248710.7 | 843214.7 | 122.9 | 19.290 | 13.892 | 35.8 | 23.772 | 6.0 | 18.917 | 1.379 | 1.742 | 51.6 | 2.222 | 1.0 | -0.384 | 1.047 | -69.9 | 1.115 |
| 248710.1 | 843214.0 | 123.1 | 19.439 | 14.010 | 35.8 | 23.961 | 5.9 | 19.068 | 1.383 | 1.749 | 51.7 | 2.230 | 1.1 | -0.400 | 1.090 | -69.9 | 1.161 |
| 248709.4 | 843213.3 | 123.3 | 19.643 | 14.175 | 35.8 | 24.224 | 5.9 | 19.276 | 1.387 | 1.755 | 51.7 | 2.238 | 1.2 | -0.465 | 1.197 | -68.8 | 1.284 |
| 248708.7 | 843212.6 | 123.5 | 19.764 | 14.268 | 35.8 | 24.376 | 5.8 | 19.398 | 1.390 | 1.761 | 51.7 | 2.244 | 1.3 | -0.458 | 1.211 | -69.3 | 1.295 |
| 248708.0 | 843211.9 | 123.6 | 19.857 | 14.336 | 35.8 | 24.491 | 5.8 | 19.490 | 1.393 | 1.766 | 51.7 | 2.249 | 1.3 | -0.426 | 1.196 | -70.4 | 1.270 |
| 248707.3 | 843211.1 | 123.7 | 19.955 | 14.408 | 35.8 | 24.613 | 5.8 | 19.586 | 1.395 | 1.770 | 51.8 | 2.253 | 1.4 | -0.402 | 1.189 | -71.3 | 1.255 |
| 248706.6 | 843210.4 | 123.9 | 20.061 | 14.487 | 35.8 | 24.745 | 5.8 | 19.691 | 1.396 | 1.774 | 51.8 | 2.258 | 1.4 | -0.386 | 1.195 | -72.1 | 1.256 |
| 248705.9 | 843209.7 | 124.0 | 20.167 | 14.566 | 35.8 | 24.877 | 5.8 | 19.797 | 1.398 | 1.778 | 51.8 | 2.261 | 1.5 | -0.374 | 1.204 | -72.8 | 1.261 |
| 248705.2 | 843209.0 | 124.2 | 20.272 | 14.645 | 35.8 | 25.009 | 5.8 | 19.901 | 1.399 | 1.781 | 51.8 | 2.265 | 1.5 | -0.363 | 1.217 | -73.4 | 1.270 |
| 248704.5 | 843208.3 | 124.3 | 20.319 | 14.706 | 35.9 | 25.083 | 5.7 | 19.960 | 1.389 | 1.775 | 52.0 | 2.254 | 1.6 | -0.249 | 1.157 | -77.8 | 1.184 |
| 248703.8 | 843207.5 | 124.5 | 20.426 | 14.785 | 35.9 | 25.215 | 5.7 | 20.065 | 1.390 | 1.778 | 52.0 | 2.257 | 1.7 | -0.244 | 1.177 | -78.3 | 1.202 |
| 248703.1 | 843206.8 | 124.6 | 20.532 | 14.863 | 35.9 | 25.347 | 5.7 | 20.171 | 1.390 | 1.780 | 52.0 | 2.259 | 1.8 | -0.242 | 1.200 | -78.6 | 1.225 |
| 248702.4 | 843206.1 | 124.8 | 20.639 | 14.941 | 35.9 | 25.479 | 5.7 | 20.276 | 1.390 | 1.782 | 52.0 | 2.260 | 1.8 | -0.243 | 1.228 | -78.8 | 1.252 |
| 248701.7 | 843205.4 | 124.9 | 20.745 | 15.018 | 35.9 | 25.610 | 5.7 | 20.380 | 1.390 | 1.783 | 52.1 | 2.261 | 1.9 | -0.247 | 1.259 | -78.9 | 1.283 |
| 248701.0 | 843204.7 | 125.1 | 20.807 | 15.057 | 35.9 | 25.683 | 5.7 | 20.438 | 1.389 | 1.784 | 52.1 | 2.261 | 1.9 | -0.218 | 1.248 | -80.1 | 1.267 |
| 248700.3 | 843204.0 | 125.2 | 20.856 | 15.085 | 35.9 | 25.739 | 5.7 | 20.483 | 1.387 | 1.784 | 52.1 | 2.259 | 2.0 | -0.182 | 1.227 | -81.6 | 1.241 |
| 248699.6 | 843203.2 | 125.3 | 20.905 | 15.111 | 35.9 | 25.794 | 5.7 | 20.527 | 1.385 | 1.783 | 52.2 | 2.258 | 2.0 | -0.149 | 1.211 | -83.0 | 1.220 |
| 248698.9 | 843202.5 | 125.4 | 20.952 | 15.137 | 35.8 | 25.848 | 5.8 | 20.570 | 1.382 | 1.783 | 52.2 | 2.256 | 2.1 | -0.120 | 1.199 | -84.3 | 1.205 |
| 248698.2 | 843201.8 | 125.5 | 21.000 | 15.162 | 35.8 | 25.901 | 5.8 | 20.612 | 1.379 | 1.781 | 52.3 | 2.253 | 2.1 | -0.095 | 1.191 | -85.5 | 1.195 |
| 248697.5 | 843201.1 | 125.6 | 21.043 | 15.184 | 35.8 | 25.949 | 5.8 | 20.649 | 1.376 | 1.780 | 52.3 | 2.249 | 2.1 | -0.070 | 1.185 | -86.6 | 1.187 |
| 248696.8 | 843200.4 | 125.7 | 21.084 | 15.203 | 35.8 | 25.994 | 5.8 | 20.685 | 1.372 | 1.778 | 52.3 | 2.245 | 2.2 | -0.048 | 1.182 | -87.7 | 1.183 |
| 248696.1 | 843199.7 | 125.8 | 21.124 | 15.222 | 35.8 | 26.038 | 5.9 | 20.720 | 1.367 | 1.775 | 52.4 | 2.241 | 2.2 | -0.030 | 1.183 | -88.5 | 1.183 |
| 248695.4 | 843198.9 | 126.0 | 21.164 | 15.240 | 35.8 | 26.080 | 5.9 | 20.754 | 1.363 | 1.772 | 52.4 | 2.236 | 2.3 | -0.016 | 1.188 | -89.2 | 1.189 |
| 248694.7 | 843198.2 | 126.1 | 21.203 | 15.257 | 35.7 | 26.122 | 5.9 | 20.787 | 1.358 | 1.769 | 52.5 | 2.230 | 2.3 | -0.005 | 1.198 | -89.8 | 1.198 |
| 248694.0 | 843197.5 | 126.2 | 21.212 | 15.249 | 35.7 | 26.125 | 6.0 | 20.789 | 1.352 | 1.765 | 52.5 | 2.224 | 2.4 | 0.026 | 1.182 | 88.8 | 1.183 |
| 248693.3 | 843196.8 | 126.2 | 21.186 | 15.210 | 35.7 | 26.081 | 6.0 | 20.754 | 1.345 | 1.761 | 52.6 | 2.216 | 2.4 | 0.080 | 1.134 | 85.9 | 1.137 |
| 248692.7 | 843196.1 | 126.3 | 21.159 | 15.170 | 35.6 | 26.036 | 6.1 | 20.718 | 1.338 | 1.756 | 52.7 | 2.208 | 2.4 | 0.131 | 1.090 | 83.1 | 1.098 |
| 248692.0 | 843195.3 | 126.4 | 21.131 | 15.130 | 35.6 | 25.989 | 6.2 | 20.682 | 1.331 | 1.751 | 52.8 | 2.199 | 2.4 | 0.179 | 1.049 | 80.3 | 1.064 |
| 248691.3 | 843194.6 | 126.5 | 21.102 | 15.089 | 35.6 | 25.942 | 6.3 | 20.644 | 1.323 | 1.745 | 52.8 | 2.190 | 2.4 | 0.223 | 1.012 | 77.6 | 1.037 |
| 248690.6 | 843193.9 | 126.5 | 21.072 | 15.047 | 35.5 | 25.893 | 6.3 | 20.605 | 1.316 | 1.740 | 52.9 | 2.181 | 2.4 | 0.264 | 0.979 | 74.9 | 1.014 |
| 248689.9 | 843193.2 | 126.6 | 21.071 | 15.029 | 35.5 | 25.881 | 6.4 | 20.596 | 1.308 | 1.734 | 53.0 | 2.172 | 2.5 | 0.279 | 0.979 | 74.1 | 1.018 |
| 248689.2 | 843192.5 | 126.7 | 21.074 | 15.015 | 35.5 | 25.876 | 6.4 | 20.591 | 1.300 | 1.729 | 53.1 | 2.163 | 2.5 | 0.287 | 0.989 | 73.8 | 1.029 |
| 248688.5 | 843191.8 | 126.8 | 21.077 | 15.000 | 35.4 | 25.869 | 6.5 | 20.586 | 1.292 | 1.723 | 53.1 | 2.154 | 2.6 | 0.292 | 1.001 | 73.7 | 1.043 |
| 248687.8 | 843191.0 | 126.9 | 21.078 | 14.984 | 35.4 | 25.862 | 6.6 | 20.580 | 1.284 | 1.717 | 53.2 | 2.144 | 2.7 | 0.295 | 1.016 | 73.8 | 1.058 |
| 248687.1 | 843190.3 | 127.0 | 21.079 | 14.968 | 35.4 | 25.853 | 6.6 | 20.573 | 1.276 | 1.711 | 53.3 | 2.134 | 2.7 | 0.296 | 1.033 | 74.0 | 1.074 |
| 248686.4 | 843189.6 | 127.1 | 21.079 | 14.950 | 35.3 | 25.842 | 6.7 | 20.565 | 1.267 | 1.705 | 53.4 | 2.124 | 2.8 | 0.294 | 1.052 | 74.4 | 1.093 |
| 248685.7 | 843188.9 | 127.2 | 21.074 | 14.929 | 35.3 | 25.826 | 6.7 | 20.551 | 1.258 | 1.699 | 53.5 | 2.114 | 2.9 | 0.293 | 1.070 | 74.7 | 1.110 |
| 248685.0 | 843188.2 | 127.3 | 21.053 | 14.894 | 35.3 | 25.789 | 6.8 | 20.522 | 1.249 | 1.692 | 53.6 | 2.103 | 3.0 | 0.301 | 1.075 | 74.3 | 1.117 |
| 248684.3 | 843187.4 | 127.4 | 21.031 | 14.858 | 35.2 | 25.750 | 6.9 | 20.491 | 1.239 | 1.686 | 53.7 | 2.092 | 3.1 | 0.308 | 1.082 | 74.1 | 1.125 |
| 248683.6 | 843186.7 | 127.4 | 20.994 | 14.810 | 35.2 | 25.692 | 7.0 | 20.445 | 1.229 | 1.679 | 53.8 | 2.081 | 3.1 | 0.323 | 1.077 | 73.3 | 1.125 |
| 248682.9 | 843186.0 | 127.5 | 20.959 | 14.764 | 35.2 | 25.637 | 7.1 | 20.401 | 1.219 | 1.672 | 53.9 | 2.069 | 3.2 | 0.333 | 1.078 | 72.8 | 1.128 |
| 248682.2 | 843185.3 | 127.6 | 20.917 | 14.711 | 35.1 | 25.572 | 7.2 | 20.349 | 1.208 | 1.664 | 54.0 | 2.057 | 3.3 | 0.346 | 1.073 | 72.1 | 1.128 |
| 248681.5 | 843184.6 | 127.7 | 20.857 | 14.644 | 35.1 | 25.485 | 7.3 | 20.280 | 1.197 | 1.657 | 54.1 | 2.044 | 3.3 | 0.369 | 1.055 | 70.7 | 1.118 |
| 248680.8 | 843183.9 | 127.7 | 20.797 | 14.577 | 35.0 | 25.397 | 7.4 | 20.210 | 1.186 | 1.649 | 54.3 | 2.031 | 3.4 | 0.390 | 1.039 | 69.4 | 1.110 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248680.1 | 843183.1 | 127.8 | 20.736 | 14.509 | 35.0 | 25.308 | 7.5 | 20.139 | 1.174 | 1.641 | 54.4 | 2.018 | 3.5 | 0.409 | 1.026 | 68.3 | 1.104 |
| 248679.4 | 843182.4 | 127.8 | 20.673 | 14.441 | 34.9 | 25.218 | 7.6 | 20.068 | 1.162 | 1.633 | 54.6 | 2.004 | 3.5 | 0.425 | 1.014 | 67.3 | 1.100 |
| 248678.7 | 843181.7 | 127.9 | 20.600 | 14.364 | 34.9 | 25.114 | 7.7 | 19.985 | 1.150 | 1.624 | 54.7 | 1.990 | 3.6 | 0.446 | 0.996 | 65.9 | 1.091 |
| 248678.0 | 843181.0 | 128.0 | 20.526 | 14.287 | 34.8 | 25.009 | 7.8 | 19.902 | 1.138 | 1.616 | 54.9 | 1.976 | 3.7 | 0.466 | 0.979 | 64.6 | 1.084 |
| 248677.3 | 843180.3 | 128.0 | 20.451 | 14.209 | 34.8 | 24.903 | 7.9 | 19.817 | 1.125 | 1.607 | 55.0 | 1.961 | 3.7 | 0.483 | 0.964 | 63.4 | 1.079 |
| 248676.6 | 843179.5 | 128.1 | 20.376 | 14.130 | 34.7 | 24.796 | 8.0 | 19.732 | 1.112 | 1.598 | 55.2 | 1.947 | 3.8 | 0.498 | 0.952 | 62.4 | 1.075 |
| 248675.9 | 843178.8 | 128.1 | 20.299 | 14.052 | 34.7 | 24.688 | 8.1 | 19.646 | 1.098 | 1.589 | 55.3 | 1.931 | 3.9 | 0.511 | 0.943 | 61.5 | 1.072 |
| 248675.3 | 843178.1 | 128.2 | 20.221 | 13.972 | 34.6 | 24.579 | 8.3 | 19.559 | 1.085 | 1.579 | 55.5 | 1.916 | 4.0 | 0.522 | 0.935 | 60.8 | 1.071 |
| 248674.6 | 843177.4 | 128.3 | 20.142 | 13.892 | 34.6 | 24.469 | 8.4 | 19.471 | 1.071 | 1.570 | 55.7 | 1.900 | 4.1 | 0.531 | 0.930 | 60.2 | 1.071 |
| 248673.9 | 843176.7 | 128.3 | 20.063 | 13.812 | 34.5 | 24.357 | 8.5 | 19.383 | 1.057 | 1.560 | 55.9 | 1.885 | 4.2 | 0.539 | 0.926 | 59.8 | 1.072 |
| 248673.2 | 843176.0 | 128.4 | 19.979 | 13.729 | 34.5 | 24.241 | 8.6 | 19.291 | 1.043 | 1.550 | 56.1 | 1.868 | 4.3 | 0.546 | 0.923 | 59.4 | 1.072 |
| 248672.5 | 843175.2 | 128.4 | 19.891 | 13.643 | 34.4 | 24.121 | 8.7 | 19.195 | 1.028 | 1.540 | 56.3 | 1.852 | 4.4 | 0.553 | 0.918 | 58.9 | 1.072 |
| 248671.8 | 843174.5 | 128.5 | 19.803 | 13.557 | 34.4 | 23.999 | 8.9 | 19.098 | 1.013 | 1.530 | 56.5 | 1.835 | 4.5 | 0.559 | 0.916 | 58.6 | 1.073 |
| 248671.1 | 843173.8 | 128.5 | 19.714 | 13.470 | 34.3 | 23.876 | 9.0 | 19.000 | 0.998 | 1.519 | 56.7 | 1.818 | 4.6 | 0.562 | 0.916 | 58.5 | 1.075 |
| 248670.4 | 843173.1 | 128.6 | 19.623 | 13.383 | 34.3 | 23.752 | 9.1 | 18.902 | 0.983 | 1.509 | 56.9 | 1.800 | 4.8 | 0.564 | 0.918 | 58.5 | 1.077 |
| 248669.7 | 843172.4 | 128.6 | 19.532 | 13.296 | 34.2 | 23.628 | 9.3 | 18.802 | 0.967 | 1.498 | 57.1 | 1.783 | 4.9 | 0.563 | 0.923 | 58.6 | 1.081 |
| 248669.0 | 843171.6 | 128.7 | 19.444 | 13.212 | 34.2 | 23.508 | 9.4 | 18.707 | 0.951 | 1.486 | 57.4 | 1.765 | 5.1 | 0.559 | 0.934 | 59.1 | 1.088 |
| 248668.3 | 843170.9 | 128.8 | 19.355 | 13.128 | 34.1 | 23.387 | 9.6 | 18.611 | 0.935 | 1.475 | 57.6 | 1.747 | 5.2 | 0.552 | 0.948 | 59.8 | 1.097 |
| 248667.6 | 843170.2 | 128.8 | 19.255 | 13.034 | 34.1 | 23.252 | 9.7 | 18.503 | 0.919 | 1.463 | 57.9 | 1.728 | 5.4 | 0.551 | 0.954 | 60.0 | 1.101 |
| 248666.9 | 843169.5 | 128.8 | 19.145 | 12.935 | 34.0 | 23.105 | 9.8 | 18.387 | 0.902 | 1.451 | 58.1 | 1.709 | 5.5 | 0.552 | 0.954 | 60.0 | 1.102 |
| 248666.2 | 843168.8 | 128.9 | 18.996 | 12.805 | 34.0 | 22.909 | 10.0 | 18.230 | 0.884 | 1.439 | 58.4 | 1.688 | 5.6 | 0.574 | 0.920 | 58.0 | 1.084 |
| 248665.5 | 843168.1 | 128.9 | 18.846 | 12.676 | 33.9 | 22.712 | 10.2 | 18.074 | 0.865 | 1.426 | 58.8 | 1.668 | 5.6 | 0.593 | 0.889 | 56.3 | 1.069 |
| 248664.8 | 843167.3 | 128.9 | 18.696 | 12.548 | 33.9 | 22.517 | 10.4 | 17.918 | 0.846 | 1.413 | 59.1 | 1.647 | 5.7 | 0.610 | 0.861 | 54.7 | 1.055 |
| 248664.1 | 843166.6 | 128.9 | 18.568 | 12.437 | 33.8 | 22.349 | 10.5 | 17.784 | 0.828 | 1.400 | 59.4 | 1.626 | 5.8 | 0.612 | 0.857 | 54.5 | 1.053 |
| 248663.4 | 843165.9 | 129.0 | 18.439 | 12.326 | 33.8 | 22.180 | 10.7 | 17.650 | 0.809 | 1.386 | 59.7 | 1.605 | 6.0 | 0.613 | 0.855 | 54.4 | 1.052 |
| 248662.7 | 843165.2 | 129.0 | 18.309 | 12.215 | 33.7 | 22.010 | 10.9 | 17.515 | 0.791 | 1.373 | 60.1 | 1.584 | 6.1 | 0.612 | 0.855 | 54.4 | 1.051 |
| 248662.0 | 843164.5 | 129.0 | 18.179 | 12.105 | 33.7 | 21.840 | 11.0 | 17.380 | 0.772 | 1.359 | 60.4 | 1.563 | 6.3 | 0.609 | 0.857 | 54.6 | 1.052 |
| 248661.3 | 843163.7 | 129.1 | 18.044 | 11.992 | 33.6 | 21.665 | 11.2 | 17.241 | 0.753 | 1.345 | 60.8 | 1.542 | 6.5 | 0.607 | 0.858 | 54.7 | 1.051 |
| 248660.6 | 843163.0 | 129.1 | 17.914 | 11.883 | 33.6 | 21.497 | 11.4 | 17.107 | 0.734 | 1.332 | 61.1 | 1.520 | 6.7 | 0.601 | 0.866 | 55.2 | 1.054 |
| 248659.9 | 843162.3 | 129.2 | 17.804 | 11.789 | 33.5 | 21.353 | 11.6 | 16.992 | 0.715 | 1.318 | 61.5 | 1.499 | 6.9 | 0.584 | 0.893 | 56.8 | 1.068 |
| 248659.2 | 843161.6 | 129.2 | 17.667 | 11.677 | 33.5 | 21.178 | 11.7 | 16.853 | 0.696 | 1.304 | 61.9 | 1.478 | 7.1 | 0.580 | 0.899 | 57.2 | 1.070 |
| 248658.5 | 843160.9 | 129.2 | 17.517 | 11.556 | 33.4 | 20.985 | 11.9 | 16.699 | 0.677 | 1.290 | 62.3 | 1.456 | 7.3 | 0.581 | 0.893 | 57.0 | 1.065 |
| 248657.9 | 843160.2 | 129.2 | 17.365 | 11.434 | 33.4 | 20.792 | 12.1 | 16.545 | 0.657 | 1.275 | 62.8 | 1.435 | 7.5 | 0.581 | 0.889 | 56.8 | 1.062 |
| 248657.2 | 843159.4 | 129.3 | 17.213 | 11.314 | 33.3 | 20.598 | 12.3 | 16.392 | 0.637 | 1.261 | 63.2 | 1.413 | 7.6 | 0.581 | 0.885 | 56.7 | 1.058 |
| 248656.5 | 843158.7 | 129.3 | 17.061 | 11.193 | 33.3 | 20.405 | 12.5 | 16.238 | 0.617 | 1.247 | 63.7 | 1.391 | 7.8 | 0.580 | 0.882 | 56.7 | 1.056 |
| 248655.8 | 843158.0 | 129.3 | 16.908 | 11.074 | 33.2 | 20.211 | 12.7 | 16.084 | 0.598 | 1.233 | 64.1 | 1.370 | 8.0 | 0.579 | 0.880 | 56.7 | 1.053 |
| 248655.1 | 843157.3 | 129.3 | 16.754 | 10.955 | 33.2 | 20.018 | 12.9 | 15.930 | 0.578 | 1.219 | 64.6 | 1.349 | 8.2 | 0.577 | 0.879 | 56.7 | 1.051 |
| 248654.4 | 843156.6 | 129.4 | 16.601 | 10.836 | 33.1 | 19.824 | 13.1 | 15.776 | 0.558 | 1.205 | 65.1 | 1.328 | 8.5 | 0.576 | 0.878 | 56.8 | 1.050 |
| 248653.7 | 843155.9 | 129.4 | 16.452 | 10.723 | 33.1 | 19.638 | 13.3 | 15.627 | 0.539 | 1.191 | 65.6 | 1.307 | 8.7 | 0.572 | 0.883 | 57.1 | 1.052 |
| 248653.0 | 843155.1 | 129.4 | 16.302 | 10.609 | 33.1 | 19.450 | 13.6 | 15.478 | 0.520 | 1.177 | 66.2 | 1.287 | 9.0 | 0.569 | 0.887 | 57.4 | 1.054 |
| 248652.3 | 843154.4 | 129.4 | 16.152 | 10.496 | 33.0 | 19.263 | 13.8 | 15.329 | 0.501 | 1.163 | 66.7 | 1.266 | 9.3 | 0.566 | 0.892 | 57.6 | 1.056 |
| 248651.6 | 843153.7 | 129.5 | 16.001 | 10.384 | 33.0 | 19.075 | 14.0 | 15.180 | 0.482 | 1.149 | 67.2 | 1.246 | 9.6 | 0.563 | 0.896 | 57.8 | 1.058 |
| 248650.9 | 843153.0 | 129.5 | 15.850 | 10.272 | 32.9 | 18.888 | 14.2 | 15.030 | 0.464 | 1.135 | 67.8 | 1.226 | 9.9 | 0.561 | 0.901 | 58.1 | 1.061 |
| 248650.2 | 843152.3 | 129.5 | 15.704 | 10.165 | 32.9 | 18.707 | 14.4 | 14.886 | 0.446 | 1.122 | 68.3 | 1.207 | 10.3 | 0.559 | 0.910 | 58.4 | 1.067 |
| 248649.5 | 843151.5 | 129.6 | 15.561 | 10.061 | 32.9 | 18.530 | 14.6 | 14.746 | 0.428 | 1.108 | 68.9 | 1.188 | 10.7 | 0.555 | 0.921 | 58.9 | 1.076 |
| 248648.8 | 843150.8 | 129.6 | 15.403 | 9.948 | 32.9 | 18.337 | 14.9 | 14.592 | 0.410 | 1.095 | 69.5 | 1.169 | 11.0 | 0.558 | 0.921 | 58.8 | 1.076 |
| 248648.1 | 843150.1 | 129.6 | 15.223 | 9.821 | 32.8 | 18.115 | 15.1 | 14.416 | 0.391 | 1.081 | 70.1 | 1.149 | 11.2 | 0.567 | 0.899 | 57.8 | 1.063 |
| 248647.4 | 843149.4 | 129.6 | 15.044 | 9.695 | 32.8 | 17.897 | 15.4 | 14.242 | 0.373 | 1.067 | 70.8 | 1.130 | 11.4 | 0.577 | 0.880 | 56.7 | 1.052 |
| 248646.7 | 843148.7 | 129.6 | 14.866 | 9.572 | 32.8 | 17.681 | 15.6 | 14.070 | 0.354 | 1.054 | 71.4 | 1.112 | 11.6 | 0.586 | 0.860 | 55.7 | 1.041 |
| 248646.0 | 843148.0 | 129.6 | 14.689 | 9.450 | 32.8 | 17.466 | 15.9 | 13.899 | 0.336 | 1.040 | 72.1 | 1.093 | 11.7 | 0.596 | 0.841 | 54.7 | 1.031 |
| 248645.3 | 843147.2 | 129.6 | 14.514 | 9.330 | 32.7 | 17.254 | 16.1 | 13.730 | 0.319 | 1.027 | 72.8 | 1.076 | 11.9 | 0.606 | 0.822 | 53.6 | 1.021 |
| 248644.6 | 843146.5 | 129.6 | 14.339 | 9.213 | 32.7 | 17.044 | 16.4 | 13.563 | 0.302 | 1.014 | 73.4 | 1.058 | 12.1 | 0.616 | 0.804 | 52.5 | 1.013 |
| 248643.9 | 843145.8 | 129.6 | 14.167 | 9.097 | 32.7 | 16.836 | 16.7 | 13.398 | 0.285 | 1.001 | 74.1 | 1.041 | 12.4 | 0.626 | 0.785 | 51.4 | 1.004 |
| 248643.2 | 843145.1 | 129.6 | 13.996 | 8.984 | 32.7 | 16.632 | 16.9 | 13.235 | 0.269 | 0.989 | 74.8 | 1.025 | 12.6 | 0.637 | 0.767 | 50.3 | 0.997 |
| 248642.5 | 843144.4 | 129.6 | 13.828 | 8.874 | 32.7 | 16.431 | 17.2 | 13.075 | 0.253 | 0.977 | 75.5 | 1.009 | 12.8 | 0.648 | 0.749 | 49.1 | 0.990 |
| 248641.8 | 843143.6 | 129.6 | 13.663 | 8.767 | 32.7 | 16.234 | 17.5 | 12.918 | 0.238 | 0.965 | 76.1 | 0.994 | 13.0 | 0.659 | 0.731 | 48.0 | 0.985 |
| 248641.1 | 843142.9 | 129.6 | 13.501 | 8.662 | 32.7 | 16.041 | 17.8 | 12.765 | 0.224 | 0.953 | 76.8 | 0.979 | 13.2 | 0.671 | 0.713 | 46.7 | 0.980 |
| 248640.5 | 843142.2 | 129.6 | 13.342 | 8.561 | 32.7 | 15.853 | 18.0 | 12.615 | 0.211 | 0.942 | 77.4 | 0.965 | 13.4 | 0.684 | 0.696 | 45.5 | 0.976 |
| 248639.8 | 843141.5 | 129.7 | 13.188 | 8.464 | 32.7 | 15.670 | 18.3 | 12.470 | 0.199 | 0.931 | 78.0 | 0.952 | 13.6 | 0.697 | 0.678 | 44.2 | 0.972 |
| 248639.1 | 843140.8 | 129.7 | 13.038 | 8.371 | 32.7 | 15.494 | 18.6 | 12.330 | 0.187 | 0.921 | 78.5 | 0.940 | 13.8 | 0.710 | 0.661 | 42.9 | 0.970 |
| 248638.4 | 843140.1 | 129.7 | 12.894 | 8.281 | 32.7 | 15.324 | 18.9 | 12.195 | 0.177 | 0.911 | 79.0 | 0.928 | 14.0 | 0.724 | 0.644 | 41.6 | 0.969 |
| 248637.7 | 843139.3 | 129.7 | 12.749 | 8.192 | 32.7 | 15.154 | 19.1 | 12.059 | 0.167 | 0.902 | 79.5 | 0.917 | 14.1 | 0.740 | 0.622 | 40.1 | 0.966 |
| 248637.0 | 843138.6 | 129.7 | 12.603 | 8.102 | 32.7 | 14.982 | 19.4 | 11.923 | 0.157 | 0.893 | 80.0 | 0.907 | 14.1 | 0.756 | 0.593 | 38.1 | 0.961 |
| 248636.3 | 843137.9 | 129.6 | 12.464 | 8.018 | 32.8 | 14.820 | 19.7 | 11.793 | 0.148 | 0.885 | 80.5 | 0.897 | 14.1 | 0.772 | 0.565 | 36.2 | 0.957 |
| 248635.6 | 843137.2 | 129.7 | 12.353 | 7.952 | 32.8 | 14.691 | 19.9 | 11.691 | 0.143 | 0.878 | 80.7 | 0.889 | 14.4 | 0.788 | 0.554 | 35.1 | 0.963 |
| 248634.9 | 843136.5 | 129.7 | 12.294 | 7.920 | 32.8 | 14.624 | 20.2 | 11.638 | 0.144 | 0.871 | 80.6 | 0.883 | 15.3 | 0.802 | 0.582 | 36.0 | 0.991 |
| 248634.2 | 843135.7 | 129.8 | 12.243 | 7.894 | 32.8 | 14.567 | 20.4 | 11.592 | 0.147 | 0.866 | 80.3 | 0.879 | 16.2 | 0.817 | 0.611 | 36.8 | 1.020 |
| 248633.5 | 843135.0 | 129.8 | 12.208 | 7.877 | 32.8 | 14.528 | 20.6 | 11.561 | 0.152 | 0.861 | 80.0 | 0.875 | 17.1 | 0.833 | 0.644 | 37.7 | 1.053 |
| 248632.8 | 843134.3 | 129.8 | 12.150 | 7.845 | 32.9 | 14.462 | 20.8 | 11.509 | 0.154 | 0.857 | 79.8 | 0.871 | 17.7 | 0.852 | 0.650 | 37.3 | 1.072 |
| 248632.1 | 843133.6 | 129.9 | 12.108 | 7.823 | 32.9 | 14.415 | 20.9 | 11.471 | 0.157 | 0.854 | 79.6 | 0.868 | 18.3 | 0.872 | 0.662 | 37.2 | 1.094 |
| 248631.4 | 843132.9 | 129.9 | 12.071 | 7.803 | 32.9 | 14.373 | 21.1 | 11.438 | 0.160 | 0.852 | 79.3 | 0.867 | 18.8 | 0.892 | 0.669 | 36.9 | 1.115 |

Max BF along centerline is 26.650 (uT) at 42.000 (m) from structure [redacted]-6

Cross section results at max BF along centerline between structures [redacted]-6 and [redacted]-7




3D EMF Point Results Span from [redacted]-6 to [redacted]-7:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248819.8 | 843305.4 | 118.9 | 12.281 | 7.857 | 32.6 | 14.580 | 4.0 | 11.602 | 0.154 | 0.222 | 55.3 | 0.270 | 27.0 | -0.475 | 0.040 | -4.8 | 0.477 |
| 248819.1 | 843306.1 | 118.8 | 12.596 | 8.119 | 32.8 | 14.986 | 3.6 | 11.926 | 0.195 | 0.269 | 54.1 | 0.332 | 22.5 | -0.592 | 0.091 | -8.7 | 0.598 |
| 248818.4 | 843306.8 | 118.8 | 12.992 | 8.450 | 33.0 | 15.498 | 3.3 | 12.333 | 0.243 | 0.321 | 52.9 | 0.403 | 19.5 | -0.743 | 0.190 | -14.3 | 0.767 |
| 248817.6 | 843307.5 | 118.7 | 13.368 | 8.770 | 33.3 | 15.988 | 3.0 | 12.723 | 0.295 | 0.380 | 52.2 | 0.481 | 16.8 | -0.894 | 0.265 | -16.5 | 0.932 |
| 248816.9 | 843308.2 | 118.7 | 13.853 | 9.185 | 33.5 | 16.621 | 2.7 | 13.226 | 0.355 | 0.444 | 51.4 | 0.569 | 14.9 | -1.105 | 0.420 | -20.8 | 1.182 |
| 248816.2 | 843308.9 | 118.7 | 14.321 | 9.595 | 33.8 | 17.239 | 2.4 | 13.718 | 0.421 | 0.518 | 50.9 | 0.667 | 13.0 | -1.314 | 0.556 | -22.9 | 1.427 |
| 248815.5 | 843309.6 | 118.6 | 14.829 | 10.049 | 34.1 | 17.913 | 2.1 | 14.255 | 0.494 | 0.600 | 50.5 | 0.777 | 11.5 | -1.551 | 0.720 | -24.9 | 1.710 |
| 248814.8 | 843310.3 | 118.6 | 15.367 | 10.539 | 34.4 | 18.634 | 1.8 | 14.828 | 0.575 | 0.692 | 50.3 | 0.900 | 10.1 | -1.812 | 0.905 | -26.5 | 2.025 |
| 248814.1 | 843311.0 | 118.6 | 15.942 | 11.075 | 34.8 | 19.411 | 1.4 | 15.447 | 0.664 | 0.796 | 50.2 | 1.037 | 8.8 | -2.101 | 1.121 | -28.1 | 2.381 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248813.3 | 843311.7 | 118.5 | 16.548 | 11.654 | 35.2 | 20.240 | 1.0 | 16.107 | 0.763 | 0.912 | 50.1 | 1.189 | 7.7 | -2.418 | 1.367 | -29.5 | 2.778 |
| 248812.6 | 843312.4 | 118.5 | 17.183 | 12.276 | 35.5 | 21.118 | 0.6 | 16.805 | 0.872 | 1.041 | 50.1 | 1.358 | 6.7 | -2.761 | 1.642 | -30.7 | 3.212 |
| 248811.9 | 843313.0 | 118.5 | 17.855 | 12.950 | 36.0 | 22.057 | 0.3 | 17.552 | 0.990 | 1.185 | 50.1 | 1.544 | 5.9 | -3.138 | 1.960 | -32.0 | 3.700 |
| 248811.2 | 843313.7 | 118.6 | 18.623 | 13.730 | 36.4 | 23.137 | 0.6 | 18.412 | 1.120 | 1.344 | 50.2 | 1.749 | 5.1 | -3.605 | 2.390 | -33.5 | 4.325 |
| 248810.5 | 843314.4 | 118.6 | 19.432 | 14.575 | 36.9 | 24.290 | 1.1 | 19.330 | 1.260 | 1.518 | 50.3 | 1.973 | 4.4 | -4.119 | 2.881 | -35.0 | 5.026 |
| 248809.7 | 843315.1 | 118.6 | 20.193 | 15.405 | 37.3 | 25.398 | 1.7 | 20.211 | 1.408 | 1.705 | 50.5 | 2.211 | 3.9 | -4.605 | 3.341 | -36.0 | 5.689 |
| 248809.0 | 843315.8 | 118.6 | 20.894 | 16.206 | 37.8 | 26.442 | 2.5 | 21.042 | 1.560 | 1.903 | 50.6 | 2.461 | 3.4 | -5.053 | 3.758 | -36.6 | 6.298 |
| 248808.3 | 843316.5 | 118.5 | 21.573 | 17.010 | 38.3 | 27.473 | 3.4 | 21.862 | 1.718 | 2.108 | 50.8 | 2.719 | 3.1 | -5.502 | 4.181 | -37.2 | 6.911 |
| 248807.6 | 843317.2 | 118.5 | 22.209 | 17.798 | 38.7 | 28.461 | 4.3 | 22.649 | 1.876 | 2.315 | 51.0 | 2.979 | 2.8 | -5.940 | 4.593 | -37.7 | 7.509 |
| 248806.9 | 843317.9 | 118.4 | 22.655 | 18.417 | 39.1 | 29.197 | 5.4 | 23.234 | 2.027 | 2.513 | 51.1 | 3.228 | 2.7 | -6.236 | 4.827 | -37.7 | 7.886 |
| 248806.2 | 843318.6 | 118.3 | 22.984 | 18.932 | 39.5 | 29.777 | 6.6 | 23.696 | 2.168 | 2.694 | 51.2 | 3.458 | 2.6 | -6.464 | 4.973 | -37.6 | 8.156 |
| 248805.4 | 843319.3 | 118.2 | 23.100 | 19.236 | 39.8 | 30.060 | 7.9 | 23.921 | 2.291 | 2.847 | 51.2 | 3.655 | 2.6 | -6.537 | 4.921 | -37.0 | 8.182 |
| 248804.7 | 843320.0 | 118.0 | 22.932 | 19.245 | 40.0 | 29.937 | 9.3 | 23.823 | 2.389 | 2.959 | 51.1 | 3.803 | 2.6 | -6.384 | 4.582 | -35.7 | 7.859 |
| 248804.0 | 843320.7 | 117.7 | 22.565 | 19.036 | 40.2 | 29.522 | 10.7 | 23.493 | 2.461 | 3.025 | 50.9 | 3.900 | 2.5 | -6.083 | 4.057 | -33.7 | 7.312 |
| 248803.3 | 843321.4 | 117.4 | 21.770 | 18.358 | 40.1 | 28.477 | 12.2 | 22.661 | 2.496 | 3.033 | 50.5 | 3.929 | 2.4 | -5.368 | 3.031 | -29.4 | 6.165 |
| 248802.6 | 843322.1 | 117.0 | 20.806 | 17.485 | 40.0 | 27.178 | 13.7 | 21.627 | 2.503 | 2.994 | 50.1 | 3.903 | 2.1 | -4.483 | 1.825 | -22.2 | 4.841 |
| 248801.8 | 843322.8 | 116.6 | 19.826 | 16.580 | 39.9 | 25.845 | 15.1 | 20.567 | 2.486 | 2.915 | 49.5 | 3.831 | 1.6 | -3.596 | 0.660 | -10.4 | 3.656 |
| 248801.1 | 843323.5 | 116.2 | 18.679 | 15.485 | 39.7 | 24.263 | 16.5 | 19.308 | 2.443 | 2.797 | 48.9 | 3.713 | 0.9 | -2.498 | -0.691 | 15.5 | 2.591 |
| 248800.4 | 843324.2 | 115.7 | 17.440 | 14.285 | 39.3 | 22.544 | 17.8 | 17.940 | 2.379 | 2.653 | 48.1 | 3.563 | 0.3 | -1.249 | -2.132 | 59.6 | 2.470 |
| 248799.7 | 843324.9 | 115.3 | 16.467 | 13.362 | 39.1 | 21.206 | 19.0 | 16.875 | 2.297 | 2.481 | 47.2 | 3.381 | 1.3 | -0.406 | -3.027 | 82.4 | 3.054 |
| 248799.0 | 843325.6 | 115.0 | 15.607 | 12.554 | 38.8 | 20.030 | 20.2 | 15.939 | 2.196 | 2.286 | 46.1 | 3.170 | 2.4 | 0.220 | -3.611 | -86.5 | 3.618 |
| 248798.3 | 843326.3 | 114.6 | 14.639 | 11.632 | 38.5 | 18.698 | 21.2 | 14.879 | 2.084 | 2.085 | 45.0 | 2.948 | 4.0 | 1.014 | -4.286 | -76.7 | 4.405 |

Centerline results between structures [redacted]-7 and [redacted]-8

**3D EMF Point Results Centerline from [redacted]-7 to [redacted]-8:**

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248630.5 | 843132.0 | 129.9 | 12.042 | 7.789 | 32.9 | 14.341 | 21.3 | 11.412 | 0.165 | 0.850 | 79.0 | 0.865 | 19.5 | 0.918 | 0.681 | 36.6 | 1.143 |
| 248629.8 | 843131.2 | 129.9 | 11.984 | 7.754 | 32.9 | 14.274 | 21.4 | 11.359 | 0.164 | 0.848 | 79.1 | 0.864 | 19.3 | 0.938 | 0.651 | 34.8 | 1.142 |
| 248629.1 | 843130.5 | 129.9 | 11.986 | 7.757 | 32.9 | 14.277 | 21.5 | 11.361 | 0.169 | 0.848 | 78.8 | 0.865 | 19.9 | 0.959 | 0.663 | 34.7 | 1.166 |
| 248628.4 | 843129.8 | 130.0 | 12.026 | 7.783 | 32.9 | 14.325 | 21.6 | 11.399 | 0.177 | 0.849 | 78.2 | 0.868 | 20.8 | 0.980 | 0.700 | 35.5 | 1.204 |
| 248627.7 | 843129.1 | 129.9 | 11.955 | 7.736 | 32.9 | 14.240 | 21.7 | 11.332 | 0.171 | 0.850 | 78.6 | 0.867 | 19.9 | 0.998 | 0.635 | 32.5 | 1.183 |
| 248627.0 | 843128.4 | 129.9 | 12.000 | 7.764 | 32.9 | 14.293 | 21.7 | 11.374 | 0.177 | 0.852 | 78.2 | 0.870 | 20.7 | 1.019 | 0.660 | 32.9 | 1.214 |
| 248626.3 | 843127.7 | 130.0 | 12.067 | 7.806 | 32.9 | 14.372 | 21.7 | 11.437 | 0.186 | 0.854 | 77.7 | 0.874 | 21.6 | 1.040 | 0.698 | 33.9 | 1.253 |
| 248625.6 | 843126.9 | 130.0 | 12.138 | 7.849 | 32.9 | 14.454 | 21.7 | 11.502 | 0.194 | 0.857 | 77.3 | 0.879 | 22.4 | 1.061 | 0.732 | 34.6 | 1.289 |
| 248625.0 | 843126.2 | 129.9 | 12.150 | 7.853 | 32.9 | 14.467 | 21.7 | 11.512 | 0.194 | 0.860 | 77.3 | 0.882 | 22.3 | 1.079 | 0.712 | 33.4 | 1.293 |
| 248624.3 | 843125.5 | 129.9 | 12.169 | 7.861 | 32.9 | 14.487 | 21.7 | 11.529 | 0.194 | 0.863 | 77.4 | 0.885 | 22.1 | 1.096 | 0.694 | 32.3 | 1.297 |
| 248623.6 | 843124.8 | 129.9 | 12.197 | 7.874 | 32.8 | 14.518 | 21.7 | 11.553 | 0.194 | 0.867 | 77.4 | 0.888 | 22.1 | 1.112 | 0.679 | 31.4 | 1.303 |
| 248622.9 | 843124.1 | 129.8 | 12.232 | 7.892 | 32.8 | 14.557 | 21.7 | 11.584 | 0.194 | 0.870 | 77.4 | 0.892 | 22.0 | 1.128 | 0.667 | 30.6 | 1.310 |
| 248622.2 | 843123.3 | 129.8 | 12.275 | 7.913 | 32.8 | 14.604 | 21.6 | 11.622 | 0.195 | 0.874 | 77.4 | 0.895 | 22.0 | 1.143 | 0.658 | 29.9 | 1.319 |
| 248621.5 | 843122.6 | 129.7 | 12.325 | 7.940 | 32.8 | 14.662 | 21.6 | 11.667 | 0.197 | 0.877 | 77.3 | 0.899 | 22.1 | 1.158 | 0.655 | 29.5 | 1.331 |
| 248620.8 | 843121.9 | 129.7 | 12.399 | 7.982 | 32.8 | 14.746 | 21.5 | 11.734 | 0.201 | 0.881 | 77.1 | 0.904 | 22.5 | 1.173 | 0.669 | 29.7 | 1.351 |
| 248620.1 | 843121.2 | 129.7 | 12.485 | 8.032 | 32.8 | 14.845 | 21.5 | 11.814 | 0.207 | 0.885 | 76.9 | 0.909 | 23.0 | 1.188 | 0.694 | 30.3 | 1.376 |
| 248619.4 | 843120.5 | 129.7 | 12.546 | 8.065 | 32.7 | 14.915 | 21.4 | 11.869 | 0.209 | 0.888 | 76.8 | 0.912 | 23.2 | 1.201 | 0.698 | 30.1 | 1.389 |
| 248618.7 | 843119.8 | 129.6 | 12.581 | 8.081 | 32.7 | 14.953 | 21.4 | 11.899 | 0.208 | 0.891 | 76.9 | 0.915 | 23.0 | 1.212 | 0.681 | 29.3 | 1.390 |
| 248618.0 | 843119.0 | 129.5 | 12.618 | 8.100 | 32.7 | 14.994 | 21.3 | 11.932 | 0.208 | 0.894 | 76.9 | 0.918 | 22.9 | 1.222 | 0.668 | 28.7 | 1.392 |
| 248617.3 | 843118.3 | 129.4 | 12.648 | 8.113 | 32.7 | 15.027 | 21.3 | 11.958 | 0.206 | 0.896 | 77.0 | 0.920 | 22.7 | 1.231 | 0.651 | 27.9 | 1.392 |
| 248616.6 | 843117.6 | 129.4 | 12.679 | 8.128 | 32.7 | 15.061 | 21.2 | 11.985 | 0.205 | 0.899 | 77.1 | 0.922 | 22.5 | 1.239 | 0.637 | 27.2 | 1.393 |
| 248615.9 | 843116.9 | 129.3 | 12.711 | 8.144 | 32.6 | 15.096 | 21.2 | 12.013 | 0.205 | 0.901 | 77.2 | 0.924 | 22.4 | 1.247 | 0.625 | 26.6 | 1.395 |
| 248615.2 | 843116.2 | 129.2 | 12.744 | 8.160 | 32.6 | 15.133 | 21.1 | 12.042 | 0.205 | 0.902 | 77.2 | 0.925 | 22.3 | 1.253 | 0.617 | 26.2 | 1.397 |
| 248614.5 | 843115.4 | 129.1 | 12.740 | 8.153 | 32.6 | 15.125 | 21.1 | 12.036 | 0.200 | 0.903 | 77.5 | 0.925 | 21.8 | 1.258 | 0.582 | 24.8 | 1.386 |
| 248613.8 | 843114.7 | 129.0 | 12.735 | 8.146 | 32.6 | 15.117 | 21.1 | 12.030 | 0.196 | 0.904 | 77.8 | 0.925 | 21.3 | 1.262 | 0.549 | 23.5 | 1.376 |
| 248613.1 | 843114.0 | 128.9 | 12.730 | 8.139 | 32.6 | 15.110 | 21.0 | 12.024 | 0.192 | 0.905 | 78.0 | 0.925 | 20.8 | 1.265 | 0.519 | 22.3 | 1.367 |
| 248612.4 | 843113.3 | 128.8 | 12.725 | 8.132 | 32.6 | 15.102 | 21.0 | 12.018 | 0.189 | 0.905 | 78.2 | 0.925 | 20.4 | 1.267 | 0.491 | 21.2 | 1.359 |
| 248611.7 | 843112.6 | 128.6 | 12.720 | 8.125 | 32.6 | 15.094 | 21.0 | 12.011 | 0.185 | 0.905 | 78.4 | 0.924 | 20.0 | 1.269 | 0.466 | 20.2 | 1.352 |
| 248611.0 | 843111.9 | 128.5 | 12.715 | 8.118 | 32.6 | 15.086 | 21.0 | 12.005 | 0.182 | 0.905 | 78.6 | 0.923 | 19.7 | 1.271 | 0.443 | 19.2 | 1.346 |
| 248610.3 | 843111.1 | 128.4 | 12.707 | 8.110 | 32.5 | 15.074 | 21.0 | 11.996 | 0.179 | 0.905 | 78.8 | 0.922 | 19.3 | 1.272 | 0.421 | 18.3 | 1.339 |
| 248609.6 | 843110.4 | 128.3 | 12.697 | 8.101 | 32.5 | 15.061 | 20.9 | 11.985 | 0.177 | 0.904 | 79.0 | 0.921 | 19.0 | 1.272 | 0.399 | 17.4 | 1.333 |
| 248608.9 | 843109.7 | 128.2 | 12.692 | 8.095 | 32.5 | 15.054 | 20.9 | 11.979 | 0.174 | 0.904 | 79.1 | 0.920 | 18.7 | 1.272 | 0.384 | 16.8 | 1.329 |
| 248608.2 | 843109.0 | 128.1 | 12.669 | 8.078 | 32.5 | 15.025 | 20.9 | 11.957 | 0.170 | 0.903 | 79.3 | 0.919 | 18.3 | 1.271 | 0.356 | 15.7 | 1.320 |
| 248607.6 | 843108.3 | 128.0 | 12.665 | 8.073 | 32.5 | 15.020 | 20.9 | 11.952 | 0.169 | 0.902 | 79.4 | 0.918 | 18.1 | 1.271 | 0.346 | 15.2 | 1.317 |
| 248606.9 | 843107.5 | 127.9 | 12.665 | 8.071 | 32.5 | 15.018 | 20.9 | 11.951 | 0.168 | 0.901 | 79.4 | 0.917 | 18.0 | 1.271 | 0.341 | 15.0 | 1.316 |
| 248606.2 | 843106.8 | 127.7 | 12.664 | 8.068 | 32.5 | 15.016 | 20.9 | 11.949 | 0.168 | 0.900 | 79.5 | 0.916 | 17.9 | 1.270 | 0.336 | 14.8 | 1.314 |
| 248605.5 | 843106.1 | 127.6 | 12.662 | 8.065 | 32.5 | 15.012 | 20.9 | 11.946 | 0.167 | 0.899 | 79.5 | 0.915 | 17.9 | 1.270 | 0.332 | 14.7 | 1.312 |
| 248604.8 | 843105.4 | 127.5 | 12.659 | 8.062 | 32.5 | 15.008 | 20.9 | 11.943 | 0.166 | 0.898 | 79.5 | 0.914 | 17.8 | 1.269 | 0.329 | 14.6 | 1.311 |
| 248604.1 | 843104.7 | 127.4 | 12.655 | 8.058 | 32.5 | 15.003 | 20.9 | 11.939 | 0.166 | 0.897 | 79.5 | 0.913 | 17.8 | 1.268 | 0.327 | 14.5 | 1.310 |
| 248603.4 | 843104.0 | 127.3 | 12.651 | 8.054 | 32.5 | 14.997 | 20.8 | 11.934 | 0.165 | 0.896 | 79.5 | 0.911 | 17.8 | 1.267 | 0.325 | 14.4 | 1.308 |
| 248602.7 | 843103.2 | 127.2 | 12.646 | 8.049 | 32.5 | 14.990 | 20.8 | 11.929 | 0.165 | 0.895 | 79.6 | 0.910 | 17.7 | 1.266 | 0.324 | 14.3 | 1.307 |
| 248602.0 | 843102.5 | 127.1 | 12.639 | 8.044 | 32.5 | 14.982 | 20.8 | 11.922 | 0.165 | 0.894 | 79.6 | 0.909 | 17.7 | 1.265 | 0.323 | 14.3 | 1.306 |
| 248601.3 | 843101.8 | 127.0 | 12.632 | 8.038 | 32.5 | 14.973 | 20.8 | 11.915 | 0.164 | 0.893 | 79.6 | 0.908 | 17.7 | 1.264 | 0.322 | 14.3 | 1.305 |
| 248600.6 | 843101.1 | 126.9 | 12.620 | 8.029 | 32.5 | 14.958 | 20.8 | 11.903 | 0.164 | 0.892 | 79.6 | 0.907 | 17.6 | 1.263 | 0.317 | 14.1 | 1.302 |
| 248599.9 | 843100.4 | 126.8 | 12.621 | 8.029 | 32.5 | 14.958 | 20.8 | 11.903 | 0.164 | 0.891 | 79.5 | 0.907 | 17.7 | 1.263 | 0.324 | 14.4 | 1.304 |
| 248599.2 | 843099.6 | 126.7 | 12.608 | 8.020 | 32.5 | 14.943 | 20.8 | 11.891 | 0.164 | 0.890 | 79.6 | 0.905 | 17.7 | 1.261 | 0.321 | 14.3 | 1.302 |
| 248598.5 | 843098.9 | 126.6 | 12.592 | 8.009 | 32.5 | 14.923 | 20.8 | 11.876 | 0.163 | 0.889 | 79.6 | 0.904 | 17.6 | 1.260 | 0.316 | 14.1 | 1.299 |
| 248597.8 | 843098.2 | 126.5 | 12.576 | 7.998 | 32.5 | 14.903 | 20.8 | 11.860 | 0.162 | 0.888 | 79.7 | 0.903 | 17.5 | 1.259 | 0.312 | 13.9 | 1.297 |
| 248597.1 | 843097.5 | 126.4 | 12.558 | 7.986 | 32.5 | 14.883 | 20.8 | 11.843 | 0.161 | 0.887 | 79.7 | 0.902 | 17.4 | 1.257 | 0.307 | 13.7 | 1.294 |
| 248596.4 | 843096.8 | 126.3 | 12.540 | 7.974 | 32.5 | 14.861 | 20.8 | 11.826 | 0.160 | 0.886 | 79.7 | 0.901 | 17.3 | 1.256 | 0.302 | 13.5 | 1.291 |
| 248595.7 | 843096.1 | 126.2 | 12.521 | 7.961 | 32.4 | 14.838 | 20.8 | 11.808 | 0.160 | 0.885 | 79.8 | 0.900 | 17.2 | 1.254 | 0.298 | 13.4 | 1.289 |
| 248595.0 | 843095.3 | 126.0 | 12.500 | 7.947 | 32.4 | 14.813 | 20.8 | 11.788 | 0.159 | 0.884 | 79.8 | 0.898 | 17.1 | 1.252 | 0.292 | 13.1 | 1.285 |
| 248594.3 | 843094.6 | 125.9 | 12.477 | 7.932 | 32.4 | 14.785 | 20.9 | 11.765 | 0.157 | 0.883 | 79.9 | 0.897 | 17.0 | 1.249 | 0.285 | 12.9 | 1.282 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248593.6 | 843093.9 | 125.8 | 12.453 | 7.916 | 32.4 | 14.756 | 20.9 | 11.743 | 0.156 | 0.882 | 80.0 | 0.895 | 16.8 | 1.247 | 0.279 | 12.6 | 1.278 |
| 248592.9 | 843093.2 | 125.7 | 12.429 | 7.900 | 32.4 | 14.727 | 20.9 | 11.719 | 0.155 | 0.881 | 80.0 | 0.894 | 16.7 | 1.244 | 0.272 | 12.3 | 1.274 |
| 248592.2 | 843092.5 | 125.6 | 12.403 | 7.883 | 32.4 | 14.696 | 20.9 | 11.695 | 0.154 | 0.879 | 80.1 | 0.893 | 16.6 | 1.241 | 0.265 | 12.1 | 1.269 |
| 248591.5 | 843091.8 | 125.5 | 12.377 | 7.866 | 32.4 | 14.665 | 20.9 | 11.670 | 0.153 | 0.878 | 80.1 | 0.891 | 16.4 | 1.238 | 0.258 | 11.8 | 1.265 |
| 248590.8 | 843091.0 | 125.4 | 12.350 | 7.849 | 32.4 | 14.633 | 20.9 | 11.645 | 0.151 | 0.877 | 80.2 | 0.889 | 16.3 | 1.235 | 0.251 | 11.5 | 1.260 |
| 248590.2 | 843090.3 | 125.3 | 12.321 | 7.830 | 32.4 | 14.598 | 20.9 | 11.617 | 0.150 | 0.875 | 80.3 | 0.888 | 16.1 | 1.231 | 0.243 | 11.2 | 1.255 |
| 248589.5 | 843089.6 | 125.2 | 12.299 | 7.816 | 32.4 | 14.572 | 20.9 | 11.596 | 0.149 | 0.874 | 80.3 | 0.886 | 16.1 | 1.228 | 0.241 | 11.1 | 1.251 |
| 248588.8 | 843088.9 | 125.0 | 12.276 | 7.801 | 32.4 | 14.545 | 20.9 | 11.575 | 0.149 | 0.872 | 80.3 | 0.885 | 16.0 | 1.224 | 0.238 | 11.0 | 1.247 |
| 248588.1 | 843088.2 | 124.9 | 12.253 | 7.786 | 32.4 | 14.517 | 20.9 | 11.552 | 0.148 | 0.871 | 80.4 | 0.883 | 15.9 | 1.220 | 0.236 | 10.9 | 1.243 |
| 248587.4 | 843087.4 | 124.8 | 12.228 | 7.770 | 32.4 | 14.488 | 21.0 | 11.529 | 0.147 | 0.869 | 80.4 | 0.882 | 15.8 | 1.216 | 0.233 | 10.8 | 1.238 |
| 248586.7 | 843086.7 | 124.7 | 12.203 | 7.754 | 32.4 | 14.458 | 21.0 | 11.506 | 0.146 | 0.868 | 80.4 | 0.880 | 15.7 | 1.212 | 0.230 | 10.7 | 1.234 |
| 248586.0 | 843086.0 | 124.6 | 12.178 | 7.738 | 32.4 | 14.428 | 21.0 | 11.481 | 0.145 | 0.866 | 80.5 | 0.879 | 15.6 | 1.208 | 0.226 | 10.6 | 1.229 |
| 248585.3 | 843085.3 | 124.5 | 12.151 | 7.721 | 32.4 | 14.397 | 21.0 | 11.456 | 0.144 | 0.865 | 80.5 | 0.877 | 15.5 | 1.203 | 0.222 | 10.5 | 1.223 |
| 248584.6 | 843084.6 | 124.4 | 12.124 | 7.703 | 32.4 | 14.364 | 21.0 | 11.431 | 0.143 | 0.863 | 80.6 | 0.875 | 15.4 | 1.198 | 0.218 | 10.3 | 1.218 |
| 248583.9 | 843083.9 | 124.3 | 12.097 | 7.685 | 32.4 | 14.332 | 21.0 | 11.405 | 0.142 | 0.862 | 80.6 | 0.874 | 15.3 | 1.193 | 0.213 | 10.1 | 1.212 |
| 248583.2 | 843083.1 | 124.2 | 12.068 | 7.667 | 32.4 | 14.298 | 21.0 | 11.378 | 0.141 | 0.861 | 80.7 | 0.872 | 15.1 | 1.188 | 0.207 | 9.9 | 1.206 |
| 248582.5 | 843082.4 | 124.1 | 12.039 | 7.649 | 32.4 | 14.263 | 21.0 | 11.350 | 0.140 | 0.859 | 80.7 | 0.870 | 15.0 | 1.183 | 0.201 | 9.7 | 1.200 |
| 248581.8 | 843081.7 | 124.0 | 12.009 | 7.630 | 32.4 | 14.228 | 21.1 | 11.322 | 0.139 | 0.858 | 80.8 | 0.869 | 14.8 | 1.178 | 0.195 | 9.4 | 1.194 |
| 248581.1 | 843081.0 | 123.9 | 11.979 | 7.610 | 32.4 | 14.192 | 21.1 | 11.294 | 0.137 | 0.856 | 80.9 | 0.867 | 14.6 | 1.172 | 0.188 | 9.1 | 1.187 |
| 248580.4 | 843080.3 | 123.8 | 11.948 | 7.591 | 32.4 | 14.155 | 21.1 | 11.264 | 0.136 | 0.855 | 81.0 | 0.865 | 14.4 | 1.167 | 0.180 | 8.8 | 1.181 |
| 248579.7 | 843079.5 | 123.7 | 11.917 | 7.570 | 32.4 | 14.118 | 21.1 | 11.235 | 0.134 | 0.853 | 81.0 | 0.864 | 14.2 | 1.161 | 0.171 | 8.4 | 1.173 |
| 248579.0 | 843078.8 | 123.6 | 11.884 | 7.550 | 32.4 | 14.080 | 21.1 | 11.204 | 0.133 | 0.852 | 81.1 | 0.862 | 14.0 | 1.155 | 0.162 | 8.0 | 1.166 |
| 248578.3 | 843078.1 | 123.5 | 11.852 | 7.529 | 32.4 | 14.041 | 21.1 | 11.173 | 0.131 | 0.850 | 81.2 | 0.860 | 13.8 | 1.148 | 0.152 | 7.5 | 1.158 |
| 248577.6 | 843077.4 | 123.3 | 11.818 | 7.508 | 32.4 | 14.001 | 21.1 | 11.142 | 0.129 | 0.849 | 81.3 | 0.859 | 13.5 | 1.142 | 0.141 | 7.0 | 1.151 |
| 248576.9 | 843076.7 | 123.2 | 11.759 | 7.470 | 32.4 | 13.931 | 21.2 | 11.086 | 0.125 | 0.847 | 81.6 | 0.857 | 12.9 | 1.133 | 0.109 | 5.5 | 1.139 |
| 248576.2 | 843076.0 | 123.2 | 11.782 | 7.485 | 32.4 | 13.959 | 21.2 | 11.108 | 0.129 | 0.847 | 81.4 | 0.856 | 13.5 | 1.130 | 0.144 | 7.2 | 1.139 |
| 248575.5 | 843075.2 | 123.1 | 11.818 | 7.508 | 32.4 | 14.002 | 21.2 | 11.142 | 0.134 | 0.846 | 81.0 | 0.856 | 14.2 | 1.127 | 0.188 | 9.5 | 1.143 |
| 248574.8 | 843074.5 | 123.1 | 11.854 | 7.531 | 32.4 | 14.044 | 21.1 | 11.175 | 0.139 | 0.845 | 80.7 | 0.856 | 14.9 | 1.124 | 0.231 | 11.6 | 1.147 |
| 248574.1 | 843073.8 | 123.1 | 11.903 | 7.562 | 32.4 | 14.102 | 21.1 | 11.222 | 0.146 | 0.845 | 80.2 | 0.857 | 15.8 | 1.121 | 0.285 | 14.3 | 1.157 |
| 248573.4 | 843073.1 | 122.9 | 11.825 | 7.513 | 32.4 | 14.010 | 21.2 | 11.149 | 0.139 | 0.843 | 80.7 | 0.854 | 14.9 | 1.110 | 0.236 | 12.0 | 1.135 |
| 248572.7 | 843072.4 | 122.8 | 11.735 | 7.455 | 32.4 | 13.902 | 21.2 | 11.063 | 0.131 | 0.841 | 81.2 | 0.851 | 13.7 | 1.097 | 0.176 | 9.1 | 1.111 |
| 248572.1 | 843071.6 | 122.6 | 11.645 | 7.398 | 32.4 | 13.796 | 21.2 | 10.979 | 0.123 | 0.839 | 81.7 | 0.848 | 12.6 | 1.084 | 0.115 | 6.1 | 1.090 |
| 248571.4 | 843070.9 | 122.5 | 11.573 | 7.352 | 32.4 | 13.711 | 21.3 | 10.911 | 0.117 | 0.838 | 82.1 | 0.846 | 11.6 | 1.072 | 0.068 | 3.6 | 1.074 |
| 248570.7 | 843070.2 | 122.4 | 11.555 | 7.340 | 32.4 | 13.690 | 21.3 | 10.894 | 0.116 | 0.837 | 82.1 | 0.845 | 11.5 | 1.062 | 0.064 | 3.4 | 1.064 |
| 248570.0 | 843069.5 | 122.3 | 11.537 | 7.329 | 32.4 | 13.668 | 21.3 | 10.876 | 0.115 | 0.836 | 82.2 | 0.844 | 11.3 | 1.052 | 0.059 | 3.2 | 1.054 |
| 248569.3 | 843068.8 | 122.2 | 11.517 | 7.316 | 32.4 | 13.645 | 21.3 | 10.858 | 0.114 | 0.835 | 82.2 | 0.843 | 11.1 | 1.042 | 0.052 | 2.8 | 1.043 |
| 248568.6 | 843068.1 | 122.1 | 11.497 | 7.304 | 32.4 | 13.621 | 21.3 | 10.839 | 0.113 | 0.834 | 82.3 | 0.842 | 10.9 | 1.030 | 0.043 | 2.4 | 1.031 |
| 248567.9 | 843067.3 | 122.1 | 11.486 | 7.297 | 32.4 | 13.608 | 21.3 | 10.829 | 0.112 | 0.834 | 82.3 | 0.841 | 10.7 | 1.019 | 0.041 | 2.3 | 1.020 |
| 248567.2 | 843066.6 | 122.0 | 11.507 | 7.310 | 32.4 | 13.633 | 21.3 | 10.849 | 0.115 | 0.833 | 82.2 | 0.841 | 11.0 | 1.009 | 0.063 | 3.6 | 1.011 |
| 248566.5 | 843065.9 | 122.0 | 11.530 | 7.325 | 32.4 | 13.660 | 21.3 | 10.871 | 0.117 | 0.833 | 82.0 | 0.841 | 11.3 | 0.999 | 0.087 | 4.9 | 1.003 |
| 248565.8 | 843065.2 | 121.9 | 11.553 | 7.340 | 32.4 | 13.687 | 21.3 | 10.892 | 0.119 | 0.833 | 81.9 | 0.842 | 11.6 | 0.989 | 0.108 | 6.2 | 0.994 |
| 248565.1 | 843064.5 | 121.9 | 11.575 | 7.354 | 32.4 | 13.713 | 21.3 | 10.913 | 0.121 | 0.833 | 81.7 | 0.842 | 11.8 | 0.977 | 0.126 | 7.4 | 0.985 |
| 248564.4 | 843063.7 | 121.8 | 11.538 | 7.331 | 32.4 | 13.670 | 21.3 | 10.878 | 0.117 | 0.833 | 82.0 | 0.841 | 11.1 | 0.961 | 0.096 | 5.7 | 0.966 |
| 248563.7 | 843063.0 | 121.7 | 11.491 | 7.301 | 32.4 | 13.614 | 21.3 | 10.834 | 0.113 | 0.832 | 82.3 | 0.840 | 10.2 | 0.943 | 0.054 | 3.3 | 0.945 |
| 248563.0 | 843062.3 | 121.6 | 11.444 | 7.270 | 32.4 | 13.558 | 21.4 | 10.789 | 0.109 | 0.832 | 82.6 | 0.839 | 9.3 | 0.925 | 0.011 | 0.7 | 0.925 |
| 248562.3 | 843061.6 | 121.5 | 11.412 | 7.250 | 32.4 | 13.520 | 21.4 | 10.759 | 0.106 | 0.832 | 82.7 | 0.839 | 8.6 | 0.907 | -0.022 | -1.4 | 0.907 |
| 248561.6 | 843060.9 | 121.5 | 11.439 | 7.268 | 32.4 | 13.552 | 21.4 | 10.784 | 0.107 | 0.833 | 82.7 | 0.840 | 8.7 | 0.893 | -0.008 | -0.5 | 0.893 |
| 248560.9 | 843060.2 | 121.4 | 11.469 | 7.287 | 32.4 | 13.588 | 21.4 | 10.813 | 0.109 | 0.834 | 82.6 | 0.841 | 8.7 | 0.879 | 0.006 | 0.4 | 0.879 |
| 248560.2 | 843059.4 | 121.4 | 11.498 | 7.306 | 32.4 | 13.623 | 21.4 | 10.841 | 0.110 | 0.835 | 82.5 | 0.842 | 8.7 | 0.865 | 0.018 | 1.2 | 0.866 |
| 248559.5 | 843058.7 | 121.4 | 11.529 | 7.326 | 32.4 | 13.660 | 21.3 | 10.870 | 0.111 | 0.836 | 82.4 | 0.844 | 8.7 | 0.852 | 0.028 | 1.9 | 0.852 |
| 248558.8 | 843058.0 | 121.4 | 11.628 | 7.390 | 32.4 | 13.778 | 21.3 | 10.964 | 0.117 | 0.838 | 82.1 | 0.846 | 9.6 | 0.843 | 0.091 | 6.2 | 0.848 |
| 248558.1 | 843057.3 | 121.5 | 11.728 | 7.454 | 32.4 | 13.896 | 21.3 | 11.058 | 0.123 | 0.841 | 81.7 | 0.849 | 10.5 | 0.835 | 0.151 | 10.3 | 0.849 |
| 248557.4 | 843056.6 | 121.5 | 11.828 | 7.518 | 32.4 | 14.015 | 21.2 | 11.153 | 0.128 | 0.843 | 81.3 | 0.853 | 11.4 | 0.828 | 0.209 | 14.1 | 0.854 |
| 248556.7 | 843055.8 | 121.5 | 11.926 | 7.581 | 32.4 | 14.131 | 21.2 | 11.245 | 0.134 | 0.846 | 81.0 | 0.856 | 12.1 | 0.820 | 0.261 | 17.6 | 0.861 |
| 248556.0 | 843055.1 | 121.6 | 11.987 | 7.620 | 32.4 | 14.204 | 21.2 | 11.303 | 0.136 | 0.848 | 80.9 | 0.859 | 12.3 | 0.810 | 0.280 | 19.1 | 0.857 |
| 248555.3 | 843054.4 | 121.5 | 12.020 | 7.642 | 32.4 | 14.244 | 21.2 | 11.335 | 0.135 | 0.851 | 81.0 | 0.862 | 12.0 | 0.798 | 0.275 | 19.0 | 0.844 |
| 248554.7 | 843053.7 | 121.5 | 12.050 | 7.661 | 32.4 | 14.279 | 21.2 | 11.363 | 0.134 | 0.854 | 81.1 | 0.864 | 11.6 | 0.786 | 0.264 | 18.6 | 0.830 |
| 248554.0 | 843053.0 | 121.5 | 12.120 | 7.706 | 32.4 | 14.362 | 21.1 | 11.429 | 0.136 | 0.857 | 81.0 | 0.868 | 11.8 | 0.779 | 0.282 | 19.9 | 0.828 |
| 248553.3 | 843052.3 | 121.6 | 12.213 | 7.765 | 32.5 | 14.472 | 21.1 | 11.517 | 0.139 | 0.861 | 80.8 | 0.872 | 12.2 | 0.774 | 0.313 | 22.0 | 0.835 |
| 248552.6 | 843051.5 | 121.6 | 12.305 | 7.825 | 32.5 | 14.583 | 21.1 | 11.605 | 0.142 | 0.865 | 80.7 | 0.876 | 12.6 | 0.770 | 0.342 | 23.9 | 0.843 |
| 248551.9 | 843050.8 | 121.6 | 12.399 | 7.885 | 32.5 | 14.694 | 21.0 | 11.693 | 0.145 | 0.869 | 80.5 | 0.881 | 12.9 | 0.767 | 0.367 | 25.5 | 0.851 |
| 248551.2 | 843050.1 | 121.7 | 12.496 | 7.948 | 32.5 | 14.810 | 21.0 | 11.785 | 0.148 | 0.873 | 80.4 | 0.886 | 13.3 | 0.766 | 0.392 | 27.1 | 0.860 |
| 248550.5 | 843049.4 | 121.7 | 12.568 | 7.994 | 32.5 | 14.895 | 21.0 | 11.853 | 0.148 | 0.878 | 80.5 | 0.890 | 13.2 | 0.763 | 0.393 | 27.2 | 0.858 |
| 248549.8 | 843048.7 | 121.7 | 12.615 | 8.024 | 32.5 | 14.951 | 20.9 | 11.898 | 0.145 | 0.882 | 80.7 | 0.894 | 12.7 | 0.760 | 0.371 | 26.0 | 0.846 |
| 248549.1 | 843048.0 | 121.7 | 12.653 | 8.049 | 32.5 | 14.996 | 20.9 | 11.934 | 0.142 | 0.887 | 80.9 | 0.898 | 12.0 | 0.757 | 0.340 | 24.2 | 0.829 |
| 248548.4 | 843047.2 | 121.7 | 12.702 | 8.080 | 32.5 | 15.054 | 20.9 | 11.980 | 0.139 | 0.892 | 81.2 | 0.903 | 11.5 | 0.756 | 0.312 | 22.5 | 0.818 |
| 248547.7 | 843046.5 | 121.7 | 12.783 | 8.132 | 32.5 | 15.150 | 20.9 | 12.056 | 0.138 | 0.897 | 81.3 | 0.908 | 11.3 | 0.758 | 0.305 | 21.9 | 0.817 |
| 248547.0 | 843045.8 | 121.7 | 12.863 | 8.184 | 32.5 | 15.246 | 20.9 | 12.132 | 0.137 | 0.903 | 81.4 | 0.914 | 11.1 | 0.762 | 0.294 | 21.1 | 0.817 |
| 248546.3 | 843045.1 | 121.7 | 12.943 | 8.235 | 32.5 | 15.341 | 20.8 | 12.208 | 0.135 | 0.909 | 81.5 | 0.919 | 10.9 | 0.768 | 0.279 | 20.0 | 0.817 |
| 248545.6 | 843044.4 | 121.8 | 13.024 | 8.287 | 32.5 | 15.436 | 20.8 | 12.284 | 0.133 | 0.916 | 81.7 | 0.925 | 10.5 | 0.774 | 0.259 | 18.5 | 0.816 |
| 248544.9 | 843043.6 | 121.8 | 13.104 | 8.338 | 32.5 | 15.532 | 20.8 | 12.360 | 0.131 | 0.923 | 81.9 | 0.932 | 10.1 | 0.782 | 0.235 | 16.7 | 0.817 |
| 248544.2 | 843042.9 | 121.8 | 13.184 | 8.390 | 32.5 | 15.627 | 20.7 | 12.436 | 0.128 | 0.930 | 82.1 | 0.938 | 9.7 | 0.791 | 0.207 | 14.7 | 0.817 |
| 248543.5 | 843042.2 | 121.9 | 13.319 | 8.477 | 32.5 | 15.788 | 20.7 | 12.564 | 0.130 | 0.937 | 82.1 | 0.946 | 10.0 | 0.805 | 0.216 | 15.0 | 0.834 |
| 248542.8 | 843041.5 | 122.0 | 13.460 | 8.567 | 32.5 | 15.956 | 20.6 | 12.697 | 0.131 | 0.946 | 82.1 | 0.955 | 10.3 | 0.821 | 0.224 | 15.3 | 0.851 |
| 248542.1 | 843040.8 | 122.0 | 13.601 | 8.658 | 32.5 | 16.123 | 20.6 | 12.830 | 0.132 | 0.954 | 82.1 | 0.963 | 10.5 | 0.837 | 0.228 | 15.2 | 0.867 |
| 248541.4 | 843040.1 | 122.1 | 13.742 | 8.748 | 32.5 | 16.291 | 20.5 | 12.964 | 0.133 | 0.963 | 82.1 | 0.972 | 10.6 | 0.854 | 0.227 | 14.9 | 0.884 |
| 248540.7 | 843039.3 | 122.2 | 13.885 | 8.840 | 32.5 | 16.460 | 20.5 | 13.099 | 0.133 | 0.972 | 82.2 | 0.981 | 10.7 | 0.872 | 0.222 | 14.3 | 0.900 |
| 248540.0 | 843038.6 | 122.2 | 14.029 | 8.932 | 32.5 | 16.631 | 20.4 | 13.235 | 0.133 | 0.982 | 82.3 | 0.991 | 10.7 | 0.890 | 0.214 | 13.5 | 0.915 |
| 248539.3 | 843037.9 | 122.3 | 14.174 | 9.025 | 32.5 | 16.803 | 20.3 | 13.371 | 0.133 | 0.992 | 82.4 | 1.001 | 10.7 | 0.909 | 0.201 | 12.5 | 0.931 |
| 248538.6 | 843037.2 | 122.4 | 14.319 | 9.119 | 32.5 | 16.976 | 20.3 | 13.509 | 0.132 | 1.002 | 82.5 | 1.011 | 10.6 | 0.928 | 0.185 | 11.3 | 0.946 |
| 248537.9 | 843036.5 | 122.5 | 14.466 | 9.213 | 32.5 | 17.151 | 20.2 | 13.648 | 0.131 | 1.012 | 82.6 | 1.021 | 10.5 | 0.948 | 0.165 | 9.9 | 0.962 |
| 248537.3 | 843035.7 | 122.5 | 14.614 | 9.308 | 32.5 | 17.327 | 20.2 | 13.788 | 0.130 | 1.023 | 82.8 | 1.032 | 10.3 | 0.967 | 0.142 | 8.3 | 0.977 |
| 248536.6 | 843035.0 | 122.6 | 14.764 | 9.404 | 32.5 | 17.504 | 20.1 | 13.929 | 0.128 | 1.034 | 83.0 | 1.042 | 10.1 | 0.987 | 0.115 | 6.6 | 0.993 |
| 248535.9 | 843034.3 | 122.7 | 14.961 | 9.530 | 32.5 | 17.738 | 20.0 | 14.116 | 0.130 | 1.046 | 82.9 | 1.054 | 10.4 | 1.009 | 0.118 | 6.7 | 1.016 |
| 248535.2 | 843033.6 | 122.9 | 15.204 | 9.686 | 32.5 | 18.027 | 19.9 | 14.345 | 0.137 | 1.059 | 82.6 | 1.067 | 11.2 | 1.033 | 0.150 | 8.2 | 1.044 |
| 248534.5 | 843032.9 | 123.0 | 15.451 | 9.844 | 32.5 | 18.321 | 19.8 | 14.579 | 0.144 | 1.071 | 82.3 | 1.081 | 12.0 | 1.057 | 0.180 | 9.7 | 1.072 |
| 248533.8 | 843032.2 | 123.1 | 15.703 | 10.006 | 32.5 | 18.620 | 19.7 | 14.817 | 0.152 | 1.084 | 82.0 | 1.095 | 12.7 | 1.080 | 0.209 | 11.0 | 1.100 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248533.1 | 843031.4 | 123.3 | 15.959 | 10.170 | 32.5 | 18.924 | 19.6 | 15.059 | 0.160 | 1.097 | 81.7 | 1.109 | 13.5 | 1.102 | 0.238 | 12.2 | 1.127 |
| 248532.4 | 843030.7 | 123.4 | 16.219 | 10.336 | 32.5 | 19.233 | 19.5 | 15.305 | 0.168 | 1.110 | 81.4 | 1.123 | 14.2 | 1.123 | 0.266 | 13.3 | 1.154 |
| 248531.7 | 843030.0 | 123.5 | 16.484 | 10.506 | 32.5 | 19.547 | 19.4 | 15.555 | 0.176 | 1.123 | 81.1 | 1.137 | 14.9 | 1.143 | 0.294 | 14.4 | 1.180 |
| 248531.0 | 843029.3 | 123.7 | 16.753 | 10.679 | 32.5 | 19.867 | 19.3 | 15.810 | 0.184 | 1.137 | 80.8 | 1.151 | 15.5 | 1.162 | 0.322 | 15.5 | 1.206 |
| 248530.3 | 843028.6 | 123.8 | 17.024 | 10.852 | 32.5 | 20.188 | 19.1 | 16.065 | 0.193 | 1.150 | 80.5 | 1.166 | 16.2 | 1.180 | 0.348 | 16.4 | 1.230 |
| 248529.6 | 843027.8 | 123.9 | 17.294 | 11.025 | 32.5 | 20.509 | 19.0 | 16.321 | 0.201 | 1.163 | 80.2 | 1.180 | 16.8 | 1.197 | 0.373 | 17.3 | 1.253 |
| 248528.9 | 843027.1 | 124.1 | 17.650 | 11.253 | 32.5 | 20.931 | 18.9 | 16.657 | 0.219 | 1.177 | 79.5 | 1.197 | 18.2 | 1.214 | 0.451 | 20.4 | 1.295 |
| 248528.2 | 843026.4 | 124.2 | 17.896 | 11.411 | 32.5 | 21.225 | 18.8 | 16.890 | 0.224 | 1.190 | 79.3 | 1.211 | 18.5 | 1.227 | 0.457 | 20.4 | 1.309 |
| 248527.5 | 843025.7 | 124.3 | 18.067 | 11.520 | 32.5 | 21.428 | 18.7 | 17.051 | 0.220 | 1.201 | 79.6 | 1.222 | 18.0 | 1.235 | 0.415 | 18.6 | 1.303 |
| 248526.8 | 843025.0 | 124.4 | 18.313 | 11.677 | 32.5 | 21.719 | 18.6 | 17.283 | 0.225 | 1.214 | 79.5 | 1.234 | 18.3 | 1.245 | 0.420 | 18.6 | 1.313 |
| 248526.1 | 843024.3 | 124.6 | 18.656 | 11.881 | 32.5 | 22.118 | 18.4 | 17.601 | 0.242 | 1.224 | 78.8 | 1.247 | 19.6 | 1.258 | 0.491 | 21.3 | 1.350 |
| 248525.4 | 843023.5 | 124.7 | 19.007 | 12.105 | 32.5 | 22.535 | 18.3 | 17.932 | 0.259 | 1.236 | 78.2 | 1.263 | 20.8 | 1.267 | 0.562 | 23.9 | 1.386 |
| 248524.7 | 843022.8 | 124.9 | 19.355 | 12.327 | 32.5 | 22.947 | 18.1 | 18.261 | 0.276 | 1.249 | 77.5 | 1.279 | 22.0 | 1.275 | 0.631 | 26.3 | 1.423 |
| 248524.0 | 843022.1 | 125.0 | 19.709 | 12.554 | 32.5 | 23.367 | 18.0 | 18.595 | 0.293 | 1.261 | 76.9 | 1.294 | 23.2 | 1.281 | 0.704 | 28.8 | 1.462 |
| 248523.3 | 843021.4 | 125.2 | 19.990 | 12.734 | 32.5 | 23.702 | 17.9 | 18.861 | 0.303 | 1.272 | 76.6 | 1.307 | 23.7 | 1.284 | 0.735 | 29.8 | 1.480 |
| 248522.6 | 843020.7 | 125.2 | 20.210 | 12.875 | 32.5 | 23.962 | 17.8 | 19.069 | 0.305 | 1.281 | 76.6 | 1.317 | 23.7 | 1.285 | 0.730 | 29.6 | 1.478 |
| 248521.9 | 843019.9 | 125.3 | 20.432 | 13.017 | 32.5 | 24.227 | 17.7 | 19.279 | 0.307 | 1.291 | 76.6 | 1.327 | 23.8 | 1.284 | 0.730 | 29.6 | 1.477 |
| 248521.2 | 843019.2 | 125.5 | 20.855 | 13.288 | 32.5 | 24.728 | 17.5 | 19.678 | 0.333 | 1.302 | 75.6 | 1.344 | 25.6 | 1.288 | 0.848 | 33.4 | 1.542 |
| 248520.5 | 843018.5 | 125.7 | 21.345 | 13.601 | 32.5 | 25.310 | 17.3 | 20.141 | 0.367 | 1.314 | 74.4 | 1.364 | 27.9 | 1.292 | 1.005 | 37.9 | 1.637 |
| 248519.9 | 843017.8 | 125.8 | 21.643 | 13.792 | 32.5 | 25.664 | 17.2 | 20.423 | 0.379 | 1.323 | 74.0 | 1.376 | 28.6 | 1.292 | 1.053 | 39.2 | 1.666 |
| 248519.2 | 843017.1 | 125.9 | 21.789 | 13.885 | 32.5 | 25.837 | 17.1 | 20.561 | 0.373 | 1.330 | 74.3 | 1.381 | 28.1 | 1.287 | 1.017 | 38.3 | 1.640 |
| 248518.5 | 843016.4 | 125.9 | 21.939 | 13.981 | 32.5 | 26.016 | 17.0 | 20.703 | 0.369 | 1.336 | 74.6 | 1.386 | 27.6 | 1.283 | 0.986 | 37.5 | 1.618 |
| 248517.8 | 843015.6 | 125.9 | 21.950 | 13.988 | 32.5 | 26.028 | 17.0 | 20.712 | 0.348 | 1.341 | 75.5 | 1.385 | 25.9 | 1.276 | 0.879 | 34.6 | 1.549 |
| 248517.1 | 843014.9 | 125.9 | 22.075 | 14.068 | 32.5 | 26.177 | 17.0 | 20.831 | 0.340 | 1.346 | 75.8 | 1.389 | 25.3 | 1.272 | 0.838 | 33.4 | 1.523 |
| 248516.4 | 843014.2 | 126.0 | 22.133 | 14.105 | 32.5 | 26.246 | 17.0 | 20.886 | 0.325 | 1.351 | 76.5 | 1.390 | 24.0 | 1.267 | 0.762 | 31.0 | 1.479 |
| 248515.7 | 843013.5 | 126.0 | 22.193 | 14.143 | 32.5 | 26.316 | 16.9 | 20.942 | 0.310 | 1.356 | 77.1 | 1.391 | 22.8 | 1.263 | 0.688 | 28.6 | 1.439 |
| 248515.0 | 843012.8 | 126.0 | 22.251 | 14.180 | 32.5 | 26.385 | 16.9 | 20.997 | 0.295 | 1.361 | 77.8 | 1.393 | 21.6 | 1.261 | 0.614 | 26.0 | 1.403 |
| 248514.3 | 843012.0 | 125.8 | 21.785 | 13.883 | 32.5 | 25.833 | 17.1 | 20.557 | 0.218 | 1.361 | 80.9 | 1.379 | 15.7 | 1.247 | 0.242 | 11.0 | 1.270 |
| 248513.6 | 843011.3 | 125.9 | 22.068 | 14.064 | 32.5 | 26.169 | 17.0 | 20.824 | 0.230 | 1.368 | 80.5 | 1.387 | 16.5 | 1.254 | 0.300 | 13.4 | 1.289 |
| 248512.9 | 843010.6 | 126.1 | 22.715 | 14.477 | 32.5 | 26.937 | 16.7 | 21.435 | 0.285 | 1.379 | 78.3 | 1.408 | 20.6 | 1.273 | 0.561 | 23.8 | 1.391 |
| 248512.2 | 843009.9 | 126.3 | 23.164 | 14.764 | 32.5 | 27.469 | 16.5 | 21.859 | 0.318 | 1.388 | 77.1 | 1.424 | 22.8 | 1.288 | 0.706 | 28.7 | 1.469 |
| 248511.5 | 843009.2 | 126.5 | 23.642 | 15.069 | 32.5 | 28.036 | 16.3 | 22.311 | 0.353 | 1.398 | 75.8 | 1.442 | 25.3 | 1.306 | 0.863 | 33.5 | 1.565 |
| 248510.8 | 843008.5 | 126.6 | 23.944 | 15.262 | 32.5 | 28.395 | 16.2 | 22.596 | 0.368 | 1.407 | 75.3 | 1.454 | 26.2 | 1.321 | 0.923 | 34.9 | 1.611 |
| 248510.1 | 843007.7 | 126.7 | 24.260 | 15.464 | 32.5 | 28.770 | 16.1 | 22.894 | 0.385 | 1.415 | 74.8 | 1.466 | 27.2 | 1.338 | 0.989 | 36.5 | 1.664 |
| 248509.4 | 843007.0 | 126.8 | 24.502 | 15.619 | 32.5 | 29.057 | 16.0 | 23.122 | 0.394 | 1.422 | 74.5 | 1.476 | 27.7 | 1.355 | 1.016 | 36.9 | 1.693 |
| 248508.7 | 843006.3 | 126.7 | 24.290 | 15.483 | 32.5 | 28.805 | 16.1 | 22.923 | 0.349 | 1.424 | 76.2 | 1.466 | 24.5 | 1.365 | 0.804 | 30.5 | 1.584 |
| 248508.0 | 843005.6 | 126.7 | 24.236 | 15.448 | 32.5 | 28.741 | 16.1 | 22.871 | 0.323 | 1.427 | 77.3 | 1.463 | 22.6 | 1.380 | 0.675 | 26.1 | 1.536 |
| 248507.3 | 843004.9 | 126.7 | 24.307 | 15.493 | 32.5 | 28.824 | 16.1 | 22.938 | 0.311 | 1.432 | 77.7 | 1.466 | 21.7 | 1.398 | 0.612 | 23.6 | 1.526 |
| 248506.6 | 843004.2 | 126.7 | 24.375 | 15.537 | 32.5 | 28.906 | 16.0 | 23.003 | 0.300 | 1.438 | 78.2 | 1.469 | 20.9 | 1.419 | 0.548 | 21.1 | 1.521 |
| 248505.9 | 843003.4 | 126.7 | 24.443 | 15.579 | 32.5 | 28.986 | 16.0 | 23.066 | 0.289 | 1.443 | 78.7 | 1.472 | 20.0 | 1.440 | 0.483 | 18.5 | 1.519 |
| 248505.2 | 843002.7 | 126.8 | 24.808 | 15.812 | 32.5 | 29.419 | 15.8 | 23.411 | 0.314 | 1.451 | 77.8 | 1.485 | 21.6 | 1.468 | 0.576 | 21.4 | 1.577 |
| 248504.5 | 843002.0 | 127.0 | 25.205 | 16.066 | 32.5 | 29.890 | 15.7 | 23.786 | 0.343 | 1.460 | 76.8 | 1.500 | 23.5 | 1.496 | 0.684 | 24.6 | 1.645 |
| 248503.8 | 843001.3 | 127.0 | 25.195 | 16.059 | 32.5 | 29.878 | 15.7 | 23.776 | 0.323 | 1.464 | 77.6 | 1.500 | 22.1 | 1.519 | 0.579 | 20.9 | 1.626 |
| 248503.1 | 843000.6 | 127.0 | 25.324 | 16.141 | 32.5 | 30.030 | 15.6 | 23.897 | 0.320 | 1.470 | 77.7 | 1.505 | 21.8 | 1.545 | 0.546 | 19.5 | 1.639 |
| 248502.5 | 842999.8 | 127.1 | 25.450 | 16.221 | 32.5 | 30.180 | 15.6 | 24.016 | 0.317 | 1.476 | 77.9 | 1.510 | 21.5 | 1.571 | 0.512 | 18.1 | 1.652 |
| 248501.8 | 842999.1 | 127.1 | 25.652 | 16.350 | 32.5 | 30.420 | 15.5 | 24.207 | 0.323 | 1.482 | 77.7 | 1.517 | 21.8 | 1.598 | 0.519 | 18.0 | 1.680 |
| 248501.1 | 842998.4 | 127.2 | 25.873 | 16.491 | 32.5 | 30.681 | 15.4 | 24.415 | 0.332 | 1.489 | 77.4 | 1.525 | 22.2 | 1.625 | 0.534 | 18.2 | 1.710 |
| 248500.4 | 842997.7 | 127.3 | 26.094 | 16.631 | 32.5 | 30.943 | 15.3 | 24.624 | 0.340 | 1.496 | 77.2 | 1.534 | 22.7 | 1.651 | 0.550 | 18.4 | 1.740 |
| 248499.7 | 842997.0 | 127.4 | 26.335 | 16.785 | 32.5 | 31.229 | 15.2 | 24.851 | 0.352 | 1.502 | 76.8 | 1.543 | 23.3 | 1.678 | 0.576 | 19.0 | 1.774 |
| 248499.0 | 842996.3 | 127.5 | 26.580 | 16.941 | 32.5 | 31.520 | 15.1 | 25.083 | 0.363 | 1.509 | 76.5 | 1.552 | 24.0 | 1.704 | 0.605 | 19.5 | 1.808 |
| 248498.3 | 842995.5 | 127.5 | 26.811 | 17.088 | 32.5 | 31.794 | 15.0 | 25.301 | 0.374 | 1.515 | 76.1 | 1.560 | 24.5 | 1.729 | 0.627 | 19.9 | 1.839 |
| 248497.6 | 842994.8 | 127.6 | 26.969 | 17.188 | 32.5 | 31.980 | 14.9 | 25.449 | 0.375 | 1.520 | 76.1 | 1.565 | 24.5 | 1.753 | 0.612 | 19.3 | 1.856 |
| 248496.9 | 842994.1 | 127.6 | 27.125 | 17.288 | 32.5 | 32.166 | 14.9 | 25.597 | 0.376 | 1.525 | 76.2 | 1.570 | 24.5 | 1.776 | 0.598 | 18.6 | 1.874 |
| 248496.2 | 842993.4 | 127.7 | 27.280 | 17.386 | 32.5 | 32.350 | 14.8 | 25.743 | 0.377 | 1.530 | 76.2 | 1.575 | 24.5 | 1.798 | 0.584 | 18.0 | 1.891 |
| 248495.5 | 842992.7 | 127.7 | 27.417 | 17.473 | 32.5 | 32.512 | 14.8 | 25.872 | 0.376 | 1.534 | 76.2 | 1.579 | 24.3 | 1.820 | 0.562 | 17.2 | 1.905 |
| 248494.8 | 842991.9 | 127.8 | 27.546 | 17.555 | 32.5 | 32.664 | 14.7 | 25.993 | 0.374 | 1.538 | 76.4 | 1.583 | 24.1 | 1.841 | 0.537 | 16.2 | 1.918 |
| 248494.1 | 842991.2 | 127.8 | 27.673 | 17.635 | 32.5 | 32.815 | 14.7 | 26.113 | 0.371 | 1.542 | 76.5 | 1.586 | 23.9 | 1.861 | 0.511 | 15.4 | 1.930 |
| 248493.4 | 842990.5 | 127.9 | 27.800 | 17.715 | 32.5 | 32.965 | 14.6 | 26.232 | 0.369 | 1.546 | 76.6 | 1.590 | 23.7 | 1.881 | 0.486 | 14.5 | 1.943 |
| 248492.7 | 842989.8 | 127.9 | 27.925 | 17.795 | 32.5 | 33.113 | 14.6 | 26.350 | 0.366 | 1.550 | 76.7 | 1.593 | 23.4 | 1.900 | 0.460 | 13.6 | 1.955 |
| 248492.0 | 842989.1 | 128.0 | 28.119 | 17.918 | 32.5 | 33.343 | 14.5 | 26.533 | 0.371 | 1.555 | 76.6 | 1.598 | 23.7 | 1.919 | 0.469 | 13.7 | 1.975 |
| 248491.3 | 842988.4 | 128.1 | 28.334 | 18.054 | 32.5 | 33.597 | 14.4 | 26.736 | 0.379 | 1.560 | 76.3 | 1.605 | 24.1 | 1.937 | 0.487 | 14.1 | 1.998 |
| 248490.6 | 842987.6 | 128.1 | 28.461 | 18.135 | 32.5 | 33.748 | 14.3 | 26.856 | 0.376 | 1.563 | 76.5 | 1.608 | 23.9 | 1.955 | 0.463 | 13.3 | 2.009 |
| 248489.9 | 842986.9 | 128.2 | 28.587 | 18.215 | 32.5 | 33.897 | 14.3 | 26.974 | 0.373 | 1.567 | 76.6 | 1.611 | 23.6 | 1.973 | 0.438 | 12.5 | 2.021 |
| 248489.2 | 842986.2 | 128.2 | 28.794 | 18.346 | 32.5 | 34.142 | 14.2 | 27.169 | 0.379 | 1.572 | 76.4 | 1.617 | 23.9 | 1.991 | 0.451 | 12.8 | 2.041 |
| 248488.5 | 842985.5 | 128.3 | 29.004 | 18.479 | 32.5 | 34.390 | 14.1 | 27.367 | 0.386 | 1.577 | 76.2 | 1.623 | 24.2 | 2.008 | 0.465 | 13.0 | 2.062 |
| 248487.8 | 842984.8 | 128.4 | 29.213 | 18.612 | 32.5 | 34.638 | 14.0 | 27.564 | 0.392 | 1.582 | 76.1 | 1.630 | 24.6 | 2.026 | 0.478 | 13.3 | 2.082 |
| 248487.1 | 842984.0 | 128.5 | 29.423 | 18.745 | 32.5 | 34.886 | 13.9 | 27.762 | 0.398 | 1.587 | 75.9 | 1.636 | 24.8 | 2.044 | 0.491 | 13.5 | 2.102 |
| 248486.4 | 842983.3 | 128.5 | 29.632 | 18.877 | 32.5 | 35.134 | 13.9 | 27.959 | 0.404 | 1.592 | 75.7 | 1.642 | 25.1 | 2.062 | 0.502 | 13.7 | 2.122 |
| 248485.7 | 842982.6 | 128.6 | 29.840 | 19.009 | 32.5 | 35.381 | 13.8 | 28.155 | 0.410 | 1.597 | 75.6 | 1.649 | 25.4 | 2.080 | 0.512 | 13.8 | 2.142 |
| 248485.1 | 842981.9 | 128.7 | 30.049 | 19.141 | 32.5 | 35.627 | 13.7 | 28.351 | 0.416 | 1.602 | 75.5 | 1.655 | 25.6 | 2.098 | 0.520 | 13.9 | 2.162 |
| 248484.4 | 842981.2 | 128.8 | 30.256 | 19.273 | 32.5 | 35.873 | 13.6 | 28.547 | 0.421 | 1.607 | 75.3 | 1.661 | 25.8 | 2.117 | 0.528 | 14.0 | 2.182 |
| 248483.7 | 842980.5 | 128.8 | 30.466 | 19.406 | 32.5 | 36.121 | 13.5 | 28.744 | 0.426 | 1.612 | 75.2 | 1.668 | 26.1 | 2.136 | 0.537 | 14.1 | 2.203 |
| 248483.0 | 842979.7 | 128.9 | 30.676 | 19.539 | 32.5 | 36.370 | 13.4 | 28.942 | 0.432 | 1.617 | 75.0 | 1.674 | 26.3 | 2.156 | 0.544 | 14.2 | 2.224 |
| 248482.3 | 842979.0 | 129.0 | 30.914 | 19.689 | 32.5 | 36.652 | 13.3 | 29.167 | 0.441 | 1.623 | 74.8 | 1.682 | 26.7 | 2.176 | 0.565 | 14.5 | 2.248 |
| 248481.6 | 842978.3 | 129.1 | 31.110 | 19.813 | 32.5 | 36.883 | 13.2 | 29.351 | 0.445 | 1.628 | 74.7 | 1.688 | 26.9 | 2.197 | 0.566 | 14.4 | 2.269 |
| 248480.9 | 842977.6 | 129.1 | 31.275 | 19.917 | 32.5 | 37.078 | 13.2 | 29.506 | 0.445 | 1.632 | 74.7 | 1.692 | 26.8 | 2.219 | 0.553 | 14.0 | 2.286 |
| 248480.2 | 842976.9 | 129.2 | 31.438 | 20.020 | 32.5 | 37.272 | 13.1 | 29.660 | 0.446 | 1.636 | 74.8 | 1.696 | 26.8 | 2.240 | 0.541 | 13.6 | 2.305 |
| 248479.5 | 842976.1 | 129.3 | 31.601 | 20.123 | 32.5 | 37.464 | 13.0 | 29.813 | 0.447 | 1.640 | 74.8 | 1.700 | 26.7 | 2.263 | 0.529 | 13.2 | 2.324 |
| 248478.8 | 842975.4 | 129.3 | 31.762 | 20.224 | 32.5 | 37.654 | 13.0 | 29.964 | 0.447 | 1.644 | 74.8 | 1.704 | 26.7 | 2.285 | 0.518 | 12.8 | 2.343 |
| 248478.1 | 842974.7 | 129.4 | 31.921 | 20.325 | 32.5 | 37.843 | 12.9 | 30.114 | 0.449 | 1.648 | 74.8 | 1.708 | 26.7 | 2.308 | 0.508 | 12.4 | 2.363 |
| 248477.4 | 842974.0 | 129.5 | 32.080 | 20.424 | 32.5 | 38.030 | 12.9 | 30.263 | 0.450 | 1.651 | 74.7 | 1.711 | 26.7 | 2.331 | 0.500 | 12.1 | 2.384 |
| 248476.7 | 842973.3 | 129.5 | 32.236 | 20.523 | 32.5 | 38.215 | 12.8 | 30.411 | 0.452 | 1.653 | 74.7 | 1.714 | 26.8 | 2.353 | 0.492 | 11.8 | 2.404 |
| 248476.0 | 842972.6 | 129.6 | 32.392 | 20.621 | 32.5 | 38.399 | 12.7 | 30.557 | 0.454 | 1.656 | 74.7 | 1.717 | 26.9 | 2.376 | 0.487 | 11.6 | 2.426 |
| 248475.3 | 842971.8 | 129.6 | 32.546 | 20.718 | 32.5 | 38.580 | 12.7 | 30.701 | 0.457 | 1.658 | 74.6 | 1.720 | 27.0 | 2.399 | 0.483 | 11.4 | 2.447 |
| 248474.6 | 842971.1 | 129.7 | 32.698 | 20.813 | 32.5 | 38.760 | 12.6 | 30.844 | 0.460 | 1.660 | 74.5 | 1.722 | 27.1 | 2.421 | 0.481 | 11.2 | 2.469 |
| 248473.9 | 842970.4 | 129.8 | 32.849 | 20.908 | 32.5 | 38.938 | 12.5 | 30.986 | 0.463 | 1.661 | 74.4 | 1.725 | 27.3 | 2.444 | 0.480 | 11.1 | 2.490 |
| 248473.2 | 842969.7 | 129.8 | 32.998 | 21.002 | 32.5 | 39.115 | 12.5 | 31.126 | 0.467 | 1.663 | 74.3 | 1.727 | 27.4 | 2.466 | 0.481 | 11.0 | 2.512 |

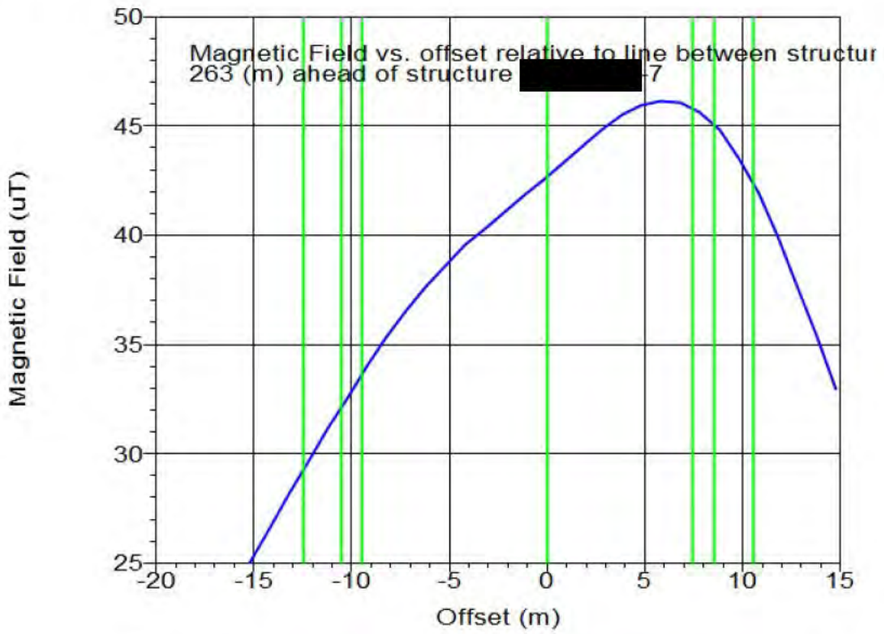
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248472.5 | 842969.0 | 129.9 | 33.093 | 21.061 | 32.5 | 39.226 | 12.5 | 31.215 | 0.465 | 1.663 | 74.4 | 1.727 | 27.3 | 2.488 | 0.460 | 10.5 | 2.530 |
| 248471.8 | 842968.2 | 129.9 | 33.173 | 21.110 | 32.5 | 39.320 | 12.4 | 31.290 | 0.461 | 1.664 | 74.5 | 1.726 | 27.1 | 2.510 | 0.434 | 9.8 | 2.547 |
| 248471.1 | 842967.5 | 130.0 | 33.251 | 21.158 | 32.5 | 39.412 | 12.4 | 31.363 | 0.457 | 1.664 | 74.6 | 1.726 | 26.9 | 2.532 | 0.409 | 9.2 | 2.565 |
| 248470.4 | 842966.8 | 130.0 | 33.339 | 21.213 | 32.5 | 39.516 | 12.4 | 31.446 | 0.455 | 1.664 | 74.7 | 1.726 | 26.8 | 2.554 | 0.390 | 8.7 | 2.584 |
| 248469.7 | 842966.1 | 130.1 | 33.426 | 21.266 | 32.5 | 39.617 | 12.3 | 31.526 | 0.454 | 1.665 | 74.8 | 1.726 | 26.6 | 2.576 | 0.370 | 8.2 | 2.603 |
| 248469.0 | 842965.4 | 130.1 | 33.510 | 21.318 | 32.5 | 39.716 | 12.3 | 31.605 | 0.452 | 1.666 | 74.8 | 1.726 | 26.5 | 2.599 | 0.350 | 7.7 | 2.622 |
| 248468.3 | 842964.7 | 130.2 | 33.592 | 21.369 | 32.5 | 39.812 | 12.3 | 31.682 | 0.450 | 1.666 | 74.9 | 1.726 | 26.4 | 2.621 | 0.330 | 7.2 | 2.642 |
| 248467.7 | 842963.9 | 130.2 | 33.671 | 21.418 | 32.5 | 39.906 | 12.2 | 31.756 | 0.448 | 1.667 | 75.0 | 1.726 | 26.3 | 2.644 | 0.308 | 6.6 | 2.662 |
| 248467.0 | 842963.2 | 130.3 | 33.746 | 21.464 | 32.5 | 39.994 | 12.2 | 31.826 | 0.446 | 1.668 | 75.0 | 1.727 | 26.1 | 2.668 | 0.283 | 6.1 | 2.683 |
| 248466.3 | 842962.5 | 130.3 | 33.815 | 21.506 | 32.5 | 40.075 | 12.2 | 31.891 | 0.443 | 1.669 | 75.1 | 1.727 | 26.0 | 2.692 | 0.256 | 5.4 | 2.704 |
| 248465.6 | 842961.8 | 130.4 | 33.882 | 21.547 | 32.5 | 40.153 | 12.2 | 31.953 | 0.440 | 1.671 | 75.2 | 1.728 | 25.8 | 2.716 | 0.227 | 4.8 | 2.726 |
| 248464.9 | 842961.1 | 130.4 | 33.946 | 21.586 | 32.5 | 40.228 | 12.1 | 32.013 | 0.437 | 1.673 | 75.4 | 1.729 | 25.6 | 2.742 | 0.196 | 4.1 | 2.749 |
| 248464.2 | 842960.4 | 130.5 | 34.008 | 21.624 | 32.4 | 40.301 | 12.1 | 32.070 | 0.434 | 1.675 | 75.5 | 1.730 | 25.3 | 2.767 | 0.164 | 3.4 | 2.772 |
| 248463.5 | 842959.6 | 130.5 | 34.068 | 21.660 | 32.4 | 40.370 | 12.1 | 32.126 | 0.430 | 1.677 | 75.6 | 1.731 | 25.1 | 2.794 | 0.130 | 2.7 | 2.797 |
| 248462.8 | 842958.9 | 130.6 | 34.125 | 21.694 | 32.4 | 40.437 | 12.1 | 32.179 | 0.427 | 1.679 | 75.7 | 1.732 | 24.9 | 2.821 | 0.094 | 1.9 | 2.822 |
| 248462.1 | 842958.2 | 130.6 | 34.180 | 21.727 | 32.4 | 40.502 | 12.1 | 32.230 | 0.423 | 1.681 | 75.9 | 1.733 | 24.7 | 2.848 | 0.058 | 1.2 | 2.848 |
| 248461.4 | 842957.5 | 130.7 | 34.218 | 21.749 | 32.4 | 40.545 | 12.1 | 32.264 | 0.418 | 1.683 | 76.1 | 1.734 | 24.3 | 2.875 | 0.015 | 0.3 | 2.875 |
| 248460.7 | 842956.8 | 130.7 | 34.357 | 21.836 | 32.4 | 40.708 | 12.0 | 32.395 | 0.426 | 1.686 | 75.8 | 1.739 | 24.7 | 2.902 | 0.015 | 0.3 | 2.902 |
| 248460.0 | 842956.0 | 130.8 | 34.496 | 21.922 | 32.4 | 40.873 | 11.9 | 32.525 | 0.434 | 1.689 | 75.6 | 1.744 | 25.1 | 2.928 | 0.017 | 0.3 | 2.929 |
| 248459.3 | 842955.3 | 130.9 | 34.644 | 22.015 | 32.4 | 41.047 | 11.9 | 32.664 | 0.444 | 1.692 | 75.3 | 1.749 | 25.6 | 2.955 | 0.024 | 0.5 | 2.955 |
| 248458.6 | 842954.6 | 130.9 | 34.805 | 22.115 | 32.4 | 41.236 | 11.8 | 32.815 | 0.455 | 1.695 | 75.0 | 1.755 | 26.2 | 2.980 | 0.038 | 0.7 | 2.981 |
| 248457.9 | 842953.9 | 131.0 | 34.929 | 22.192 | 32.4 | 41.382 | 11.8 | 32.931 | 0.463 | 1.697 | 74.7 | 1.759 | 26.6 | 3.006 | 0.039 | 0.7 | 3.006 |
| 248457.2 | 842953.2 | 131.1 | 35.018 | 22.246 | 32.4 | 41.487 | 11.7 | 33.014 | 0.468 | 1.699 | 74.6 | 1.762 | 26.8 | 3.031 | 0.028 | 0.5 | 3.031 |
| 248456.5 | 842952.5 | 131.1 | 35.108 | 22.301 | 32.4 | 41.592 | 11.7 | 33.098 | 0.473 | 1.700 | 74.5 | 1.764 | 27.1 | 3.055 | 0.021 | 0.4 | 3.055 |
| 248455.8 | 842951.7 | 131.2 | 35.259 | 22.395 | 32.4 | 41.770 | 11.6 | 33.239 | 0.486 | 1.702 | 74.1 | 1.770 | 27.8 | 3.077 | 0.042 | 0.8 | 3.078 |
| 248455.1 | 842951.0 | 131.3 | 35.408 | 22.488 | 32.4 | 41.946 | 11.6 | 33.379 | 0.500 | 1.703 | 73.6 | 1.775 | 28.5 | 3.099 | 0.067 | 1.2 | 3.099 |
| 248454.4 | 842950.3 | 131.4 | 35.555 | 22.579 | 32.4 | 42.119 | 11.5 | 33.517 | 0.514 | 1.704 | 73.2 | 1.780 | 29.3 | 3.119 | 0.094 | 1.7 | 3.120 |
| 248453.7 | 842949.6 | 131.4 | 35.661 | 22.644 | 32.4 | 42.243 | 11.5 | 33.616 | 0.524 | 1.705 | 72.9 | 1.784 | 29.8 | 3.138 | 0.109 | 2.0 | 3.140 |
| 248453.0 | 842948.9 | 131.5 | 35.674 | 22.650 | 32.4 | 42.257 | 11.5 | 33.627 | 0.524 | 1.704 | 72.9 | 1.783 | 29.8 | 3.157 | 0.088 | 1.6 | 3.158 |
| 248452.3 | 842948.1 | 131.5 | 35.704 | 22.667 | 32.4 | 42.291 | 11.5 | 33.654 | 0.527 | 1.703 | 72.8 | 1.783 | 30.0 | 3.174 | 0.080 | 1.4 | 3.175 |
| 248451.6 | 842947.4 | 131.6 | 35.754 | 22.696 | 32.4 | 42.350 | 11.5 | 33.701 | 0.532 | 1.703 | 72.6 | 1.784 | 30.3 | 3.189 | 0.085 | 1.5 | 3.191 |
| 248450.9 | 842946.7 | 131.6 | 35.802 | 22.724 | 32.4 | 42.405 | 11.4 | 33.744 | 0.539 | 1.702 | 72.4 | 1.785 | 30.7 | 3.203 | 0.092 | 1.7 | 3.205 |
| 248450.3 | 842946.0 | 131.7 | 35.854 | 22.755 | 32.4 | 42.466 | 11.4 | 33.793 | 0.547 | 1.701 | 72.2 | 1.786 | 31.2 | 3.216 | 0.107 | 1.9 | 3.217 |
| 248449.6 | 842945.3 | 131.8 | 35.907 | 22.787 | 32.4 | 42.527 | 11.4 | 33.842 | 0.555 | 1.699 | 71.9 | 1.788 | 31.7 | 3.226 | 0.126 | 2.2 | 3.229 |
| 248448.9 | 842944.6 | 131.8 | 35.958 | 22.816 | 32.4 | 42.586 | 11.4 | 33.889 | 0.564 | 1.698 | 71.6 | 1.789 | 32.2 | 3.236 | 0.148 | 2.6 | 3.239 |
| 248448.2 | 842943.8 | 131.9 | 36.006 | 22.844 | 32.4 | 42.641 | 11.4 | 33.933 | 0.573 | 1.696 | 71.3 | 1.790 | 32.7 | 3.244 | 0.174 | 3.1 | 3.249 |
| 248447.5 | 842943.1 | 131.9 | 36.051 | 22.871 | 32.4 | 42.694 | 11.4 | 33.975 | 0.583 | 1.694 | 71.0 | 1.792 | 33.3 | 3.251 | 0.202 | 3.6 | 3.257 |
| 248446.8 | 842942.4 | 131.9 | 35.829 | 22.727 | 32.4 | 42.430 | 11.5 | 33.764 | 0.561 | 1.690 | 71.6 | 1.780 | 32.3 | 3.260 | 0.124 | 2.2 | 3.262 |
| 248446.1 | 842941.7 | 131.9 | 35.640 | 22.604 | 32.4 | 42.204 | 11.6 | 33.585 | 0.544 | 1.685 | 72.1 | 1.771 | 31.4 | 3.267 | 0.062 | 1.1 | 3.268 |
| 248445.4 | 842941.0 | 132.0 | 35.559 | 22.551 | 32.4 | 42.107 | 11.6 | 33.508 | 0.540 | 1.682 | 72.2 | 1.767 | 31.3 | 3.273 | 0.049 | 0.9 | 3.273 |
| 248444.7 | 842940.2 | 132.0 | 35.476 | 22.495 | 32.4 | 42.007 | 11.6 | 33.428 | 0.537 | 1.679 | 72.3 | 1.763 | 31.2 | 3.277 | 0.037 | 0.7 | 3.278 |
| 248444.0 | 842939.5 | 132.0 | 35.393 | 22.440 | 32.4 | 41.907 | 11.7 | 33.348 | 0.533 | 1.676 | 72.3 | 1.759 | 31.1 | 3.282 | 0.028 | 0.5 | 3.282 |
| 248443.3 | 842938.8 | 132.0 | 35.322 | 22.393 | 32.4 | 41.822 | 11.7 | 33.281 | 0.532 | 1.673 | 72.3 | 1.756 | 31.1 | 3.285 | 0.026 | 0.5 | 3.285 |
| 248442.6 | 842938.1 | 132.1 | 35.250 | 22.344 | 32.4 | 41.735 | 11.8 | 33.211 | 0.531 | 1.670 | 72.4 | 1.753 | 31.1 | 3.288 | 0.026 | 0.5 | 3.289 |
| 248441.9 | 842937.4 | 132.1 | 35.174 | 22.294 | 32.4 | 41.644 | 11.8 | 33.139 | 0.531 | 1.668 | 72.4 | 1.750 | 31.1 | 3.291 | 0.027 | 0.5 | 3.291 |
| 248441.2 | 842936.7 | 132.1 | 35.097 | 22.242 | 32.4 | 41.551 | 11.8 | 33.065 | 0.530 | 1.665 | 72.3 | 1.748 | 31.2 | 3.294 | 0.029 | 0.5 | 3.294 |
| 248440.5 | 842935.9 | 132.2 | 35.017 | 22.189 | 32.4 | 41.455 | 11.9 | 32.989 | 0.529 | 1.663 | 72.3 | 1.745 | 31.2 | 3.295 | 0.032 | 0.6 | 3.296 |
| 248439.8 | 842935.2 | 132.2 | 34.980 | 22.163 | 32.4 | 41.410 | 11.9 | 32.953 | 0.534 | 1.661 | 72.2 | 1.744 | 31.5 | 3.296 | 0.056 | 1.0 | 3.297 |
| 248439.1 | 842934.5 | 132.3 | 34.943 | 22.137 | 32.4 | 41.365 | 11.9 | 32.917 | 0.540 | 1.658 | 72.0 | 1.744 | 31.9 | 3.296 | 0.081 | 1.4 | 3.297 |
| 248438.4 | 842933.8 | 132.3 | 34.904 | 22.110 | 32.4 | 41.317 | 11.9 | 32.879 | 0.545 | 1.656 | 71.8 | 1.743 | 32.2 | 3.296 | 0.108 | 1.9 | 3.297 |
| 248437.7 | 842933.1 | 132.3 | 34.775 | 22.026 | 32.3 | 41.164 | 12.0 | 32.757 | 0.540 | 1.653 | 71.9 | 1.739 | 32.0 | 3.294 | 0.100 | 1.7 | 3.296 |
| 248437.0 | 842932.3 | 132.4 | 34.642 | 21.939 | 32.3 | 41.005 | 12.1 | 32.630 | 0.535 | 1.649 | 72.0 | 1.734 | 31.8 | 3.292 | 0.092 | 1.6 | 3.293 |
| 248436.3 | 842931.6 | 132.4 | 34.507 | 21.850 | 32.3 | 40.843 | 12.1 | 32.502 | 0.530 | 1.645 | 72.1 | 1.728 | 31.7 | 3.289 | 0.086 | 1.5 | 3.290 |
| 248435.6 | 842930.9 | 132.4 | 34.369 | 21.761 | 32.3 | 40.679 | 12.2 | 32.371 | 0.525 | 1.641 | 72.3 | 1.723 | 31.5 | 3.283 | 0.081 | 1.4 | 3.284 |
| 248434.9 | 842930.2 | 132.4 | 34.230 | 21.670 | 32.3 | 40.512 | 12.3 | 32.239 | 0.521 | 1.637 | 72.4 | 1.718 | 31.3 | 3.277 | 0.078 | 1.4 | 3.278 |
| 248434.2 | 842929.5 | 132.5 | 34.087 | 21.577 | 32.3 | 40.343 | 12.3 | 32.104 | 0.516 | 1.633 | 72.5 | 1.712 | 31.1 | 3.269 | 0.076 | 1.3 | 3.270 |
| 248433.5 | 842928.8 | 132.5 | 33.912 | 21.464 | 32.3 | 40.134 | 12.4 | 31.938 | 0.507 | 1.628 | 72.7 | 1.705 | 30.8 | 3.259 | 0.062 | 1.1 | 3.260 |
| 248432.9 | 842928.0 | 132.5 | 33.713 | 21.335 | 32.3 | 39.897 | 12.5 | 31.749 | 0.496 | 1.623 | 73.0 | 1.697 | 30.2 | 3.248 | 0.039 | 0.7 | 3.248 |
| 248432.2 | 842927.3 | 132.5 | 33.512 | 21.206 | 32.3 | 39.658 | 12.6 | 31.559 | 0.486 | 1.618 | 73.3 | 1.689 | 29.7 | 3.235 | 0.018 | 0.3 | 3.235 |
| 248431.5 | 842926.6 | 132.5 | 33.310 | 21.076 | 32.3 | 39.418 | 12.7 | 31.368 | 0.475 | 1.612 | 73.6 | 1.681 | 29.2 | 3.220 | -0.002 | -0.0 | 3.220 |
| 248430.8 | 842925.9 | 132.5 | 33.107 | 20.945 | 32.3 | 39.177 | 12.8 | 31.176 | 0.464 | 1.607 | 73.9 | 1.672 | 28.7 | 3.204 | -0.021 | -0.4 | 3.204 |
| 248430.1 | 842925.2 | 132.5 | 32.901 | 20.813 | 32.3 | 38.931 | 12.9 | 30.980 | 0.453 | 1.601 | 74.2 | 1.664 | 28.1 | 3.186 | -0.041 | -0.7 | 3.186 |
| 248429.4 | 842924.4 | 132.5 | 32.693 | 20.679 | 32.3 | 38.684 | 13.0 | 30.784 | 0.442 | 1.596 | 74.5 | 1.656 | 27.6 | 3.166 | -0.061 | -1.1 | 3.167 |
| 248428.7 | 842923.7 | 132.5 | 32.484 | 20.545 | 32.3 | 38.435 | 13.1 | 30.586 | 0.431 | 1.590 | 74.8 | 1.648 | 27.0 | 3.146 | -0.082 | -1.5 | 3.147 |
| 248428.0 | 842923.0 | 132.5 | 32.274 | 20.410 | 32.3 | 38.186 | 13.2 | 30.388 | 0.419 | 1.585 | 75.2 | 1.639 | 26.4 | 3.124 | -0.102 | -1.9 | 3.126 |
| 248427.3 | 842922.3 | 132.5 | 32.063 | 20.275 | 32.3 | 37.936 | 13.3 | 30.188 | 0.408 | 1.580 | 75.5 | 1.631 | 25.8 | 3.102 | -0.124 | -2.3 | 3.104 |
| 248426.6 | 842921.6 | 132.6 | 31.882 | 20.157 | 32.3 | 37.719 | 13.4 | 30.016 | 0.400 | 1.575 | 75.8 | 1.625 | 25.4 | 3.079 | -0.133 | -2.5 | 3.082 |
| 248425.9 | 842920.9 | 132.6 | 31.755 | 20.075 | 32.3 | 37.569 | 13.4 | 29.896 | 0.398 | 1.571 | 75.8 | 1.621 | 25.3 | 3.056 | -0.119 | -2.2 | 3.059 |
| 248425.2 | 842920.1 | 132.6 | 31.632 | 19.995 | 32.3 | 37.421 | 13.5 | 29.779 | 0.397 | 1.567 | 75.8 | 1.617 | 25.3 | 3.034 | -0.105 | -2.0 | 3.036 |
| 248424.5 | 842919.4 | 132.7 | 31.506 | 19.914 | 32.3 | 37.272 | 13.5 | 29.660 | 0.395 | 1.564 | 75.8 | 1.613 | 25.2 | 3.011 | -0.094 | -1.8 | 3.013 |
| 248423.8 | 842918.7 | 132.7 | 31.392 | 19.839 | 32.3 | 37.135 | 13.6 | 29.551 | 0.394 | 1.561 | 75.8 | 1.609 | 25.2 | 2.989 | -0.079 | -1.5 | 2.990 |
| 248423.1 | 842918.0 | 132.7 | 31.292 | 19.774 | 32.3 | 37.016 | 13.7 | 29.456 | 0.394 | 1.558 | 75.8 | 1.607 | 25.3 | 2.968 | -0.059 | -1.1 | 2.968 |
| 248422.4 | 842917.3 | 132.8 | 31.190 | 19.707 | 32.3 | 36.894 | 13.7 | 29.359 | 0.395 | 1.555 | 75.8 | 1.604 | 25.4 | 2.947 | -0.041 | -0.8 | 2.947 |
| 248421.7 | 842916.6 | 132.8 | 31.086 | 19.639 | 32.3 | 36.770 | 13.8 | 29.261 | 0.395 | 1.553 | 75.7 | 1.602 | 25.4 | 2.927 | -0.026 | -0.5 | 2.927 |
| 248421.0 | 842915.8 | 132.9 | 30.996 | 19.580 | 32.3 | 36.663 | 13.8 | 29.175 | 0.396 | 1.551 | 75.7 | 1.600 | 25.6 | 2.907 | -0.006 | -0.1 | 2.907 |
| 248420.3 | 842915.1 | 132.9 | 30.932 | 19.537 | 32.3 | 36.586 | 13.8 | 29.114 | 0.401 | 1.549 | 75.5 | 1.600 | 25.9 | 2.889 | 0.024 | 0.5 | 2.889 |
| 248419.6 | 842914.4 | 133.0 | 30.866 | 19.493 | 32.3 | 36.506 | 13.9 | 29.050 | 0.405 | 1.547 | 75.3 | 1.599 | 26.2 | 2.872 | 0.051 | 1.0 | 2.872 |
| 248418.9 | 842913.7 | 133.0 | 30.800 | 19.450 | 32.3 | 36.427 | 13.9 | 28.988 | 0.410 | 1.545 | 75.2 | 1.598 | 26.5 | 2.855 | 0.079 | 1.6 | 2.856 |
| 248418.2 | 842913.0 | 133.1 | 30.734 | 19.405 | 32.3 | 36.347 | 13.9 | 28.924 | 0.414 | 1.543 | 75.0 | 1.598 | 26.8 | 2.839 | 0.105 | 2.1 | 2.841 |
| 248417.5 | 842912.2 | 133.1 | 30.665 | 19.360 | 32.3 | 36.265 | 14.0 | 28.859 | 0.418 | 1.542 | 74.8 | 1.597 | 27.1 | 2.825 | 0.130 | 2.6 | 2.828 |
| 248416.8 | 842911.5 | 133.2 | 30.595 | 19.313 | 32.3 | 36.181 | 14.0 | 28.792 | 0.422 | 1.540 | 74.7 | 1.597 | 27.4 | 2.811 | 0.153 | 3.1 | 2.815 |
| 248416.1 | 842910.8 | 133.3 | 30.523 | 19.265 | 32.3 | 36.094 | 14.0 | 28.723 | 0.426 | 1.538 | 74.5 | 1.596 | 27.7 | 2.797 | 0.176 | 3.6 | 2.803 |
| 248415.5 | 842910.1 | 133.3 | 30.448 | 19.216 | 32.3 | 36.005 | 14.1 | 28.652 | 0.430 | 1.536 | 74.4 | 1.595 | 28.0 | 2.785 | 0.197 | 4.0 | 2.792 |
| 248414.8 | 842909.4 | 133.4 | 30.372 | 19.165 | 32.3 | 35.913 | 14.1 | 28.579 | 0.434 | 1.534 | 74.2 | 1.594 | 28.3 | 2.773 | 0.217 | 4.5 | 2.782 |
| 248414.1 | 842908.7 | 133.4 | 30.293 | 19.113 | 32.3 | 35.819 | 14.2 | 28.504 | 0.437 | 1.532 | 74.1 | 1.593 | 28.5 | 2.762 | 0.237 | 4.9 | 2.773 |
| 248413.4 | 842907.9 | 133.5 | 30.212 | 19.060 | 32.2 | 35.722 | 14.2 | 28.427 | 0.441 | 1.530 | 73.9 | 1.592 | 28.8 | 2.752 | 0.257 | 5.3 | 2.764 |
| 248412.7 | 842907.2 | 133.5 | 30.075 | 18.972 | 32.2 | 35.559 | 14.3 | 28.297 | 0.438 | 1.527 | 74.0 | 1.588 | 28.7 | 2.741 | 0.251 | 5.2 | 2.753 |

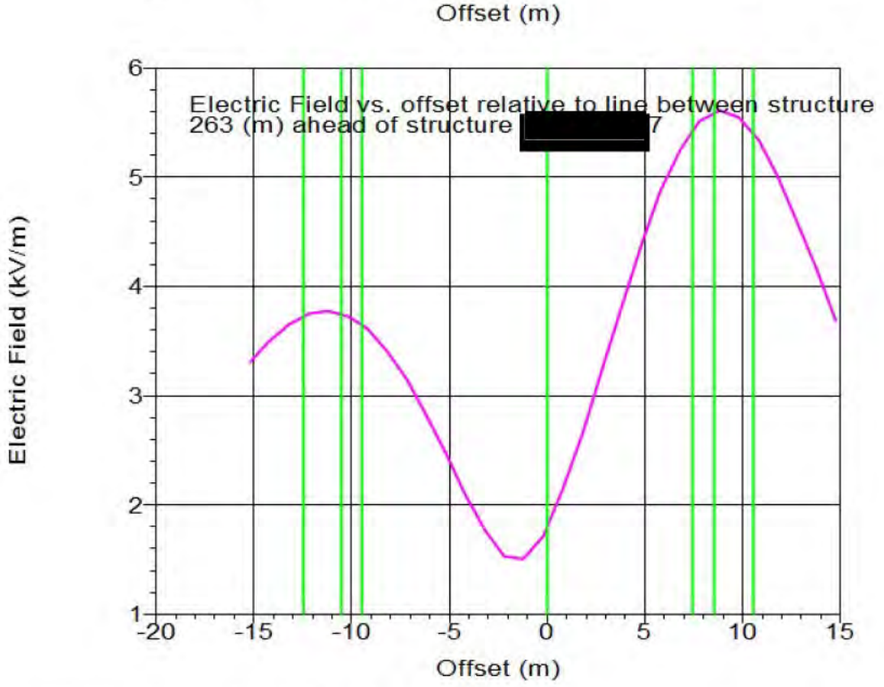
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248412.0 | 842906.5 | 133.5 | 29.925 | 18.875 | 32.2 | 35.380 | 14.3 | 28.154 | 0.434 | 1.524 | 74.1 | 1.584 | 28.5 | 2.731 | 0.240 | 5.0 | 2.741 |
| 248411.3 | 842905.8 | 133.6 | 29.773 | 18.777 | 32.2 | 35.199 | 14.4 | 28.011 | 0.430 | 1.520 | 74.2 | 1.580 | 28.3 | 2.721 | 0.230 | 4.8 | 2.730 |
| 248410.6 | 842905.1 | 133.6 | 29.620 | 18.679 | 32.2 | 35.017 | 14.5 | 27.866 | 0.427 | 1.517 | 74.3 | 1.575 | 28.1 | 2.710 | 0.220 | 4.6 | 2.719 |
| 248409.9 | 842904.3 | 133.7 | 29.465 | 18.580 | 32.2 | 34.834 | 14.6 | 27.720 | 0.423 | 1.513 | 74.4 | 1.571 | 27.9 | 2.700 | 0.210 | 4.4 | 2.708 |
| 248409.2 | 842903.6 | 133.7 | 29.310 | 18.480 | 32.2 | 34.649 | 14.6 | 27.573 | 0.419 | 1.509 | 74.5 | 1.566 | 27.7 | 2.690 | 0.201 | 4.3 | 2.698 |
| 248408.5 | 842902.9 | 133.7 | 29.153 | 18.379 | 32.2 | 34.463 | 14.7 | 27.425 | 0.416 | 1.505 | 74.6 | 1.561 | 27.6 | 2.680 | 0.194 | 4.1 | 2.687 |
| 248407.8 | 842902.2 | 133.8 | 28.995 | 18.277 | 32.2 | 34.275 | 14.8 | 27.275 | 0.413 | 1.500 | 74.6 | 1.556 | 27.4 | 2.669 | 0.187 | 4.0 | 2.676 |
| 248407.1 | 842901.5 | 133.8 | 28.887 | 18.207 | 32.2 | 34.146 | 14.8 | 27.173 | 0.416 | 1.496 | 74.5 | 1.553 | 27.7 | 2.659 | 0.206 | 4.4 | 2.667 |
| 248406.4 | 842900.8 | 133.9 | 28.780 | 18.138 | 32.2 | 34.019 | 14.9 | 27.071 | 0.419 | 1.492 | 74.3 | 1.549 | 28.0 | 2.649 | 0.227 | 4.9 | 2.659 |
| 248405.7 | 842900.0 | 133.9 | 28.672 | 18.068 | 32.2 | 33.890 | 14.9 | 26.969 | 0.422 | 1.487 | 74.2 | 1.546 | 28.3 | 2.638 | 0.249 | 5.4 | 2.650 |
| 248405.0 | 842899.3 | 134.0 | 28.562 | 17.997 | 32.2 | 33.759 | 15.0 | 26.865 | 0.425 | 1.482 | 74.0 | 1.542 | 28.6 | 2.627 | 0.271 | 5.9 | 2.641 |
| 248404.3 | 842898.6 | 134.0 | 28.451 | 17.924 | 32.2 | 33.626 | 15.1 | 26.759 | 0.429 | 1.478 | 73.8 | 1.538 | 28.9 | 2.616 | 0.295 | 6.4 | 2.632 |
| 248403.6 | 842897.9 | 134.0 | 28.260 | 17.803 | 32.2 | 33.400 | 15.1 | 26.579 | 0.423 | 1.472 | 74.0 | 1.531 | 28.6 | 2.602 | 0.283 | 6.2 | 2.617 |
| 248402.9 | 842897.2 | 134.1 | 28.042 | 17.664 | 32.2 | 33.141 | 15.2 | 26.373 | 0.415 | 1.465 | 74.2 | 1.523 | 28.1 | 2.586 | 0.258 | 5.7 | 2.599 |
| 248402.2 | 842896.4 | 134.1 | 27.823 | 17.525 | 32.2 | 32.882 | 15.3 | 26.167 | 0.406 | 1.459 | 74.5 | 1.515 | 27.6 | 2.571 | 0.234 | 5.2 | 2.581 |
| 248401.5 | 842895.7 | 134.1 | 27.605 | 17.386 | 32.2 | 32.623 | 15.4 | 25.961 | 0.398 | 1.453 | 74.7 | 1.506 | 27.1 | 2.555 | 0.210 | 4.7 | 2.563 |
| 248400.8 | 842895.0 | 134.1 | 27.386 | 17.247 | 32.2 | 32.364 | 15.5 | 25.755 | 0.389 | 1.447 | 74.9 | 1.498 | 26.5 | 2.538 | 0.187 | 4.2 | 2.545 |
| 248400.1 | 842894.3 | 134.1 | 27.168 | 17.108 | 32.2 | 32.105 | 15.6 | 25.549 | 0.381 | 1.440 | 75.2 | 1.490 | 26.0 | 2.522 | 0.164 | 3.7 | 2.527 |
| 248399.4 | 842893.6 | 134.2 | 27.008 | 17.006 | 32.2 | 31.916 | 15.7 | 25.398 | 0.379 | 1.435 | 75.2 | 1.484 | 26.0 | 2.507 | 0.170 | 3.9 | 2.513 |
| 248398.7 | 842892.9 | 134.2 | 26.852 | 16.906 | 32.2 | 31.731 | 15.8 | 25.251 | 0.378 | 1.429 | 75.2 | 1.478 | 26.0 | 2.492 | 0.178 | 4.1 | 2.499 |
| 248398.1 | 842892.1 | 134.3 | 26.697 | 16.807 | 32.2 | 31.547 | 15.9 | 25.105 | 0.377 | 1.424 | 75.2 | 1.473 | 26.0 | 2.478 | 0.187 | 4.3 | 2.485 |
| 248397.4 | 842891.4 | 134.3 | 26.552 | 16.714 | 32.2 | 31.375 | 15.9 | 24.967 | 0.378 | 1.418 | 75.1 | 1.468 | 26.1 | 2.464 | 0.200 | 4.6 | 2.472 |
| 248396.7 | 842890.7 | 134.4 | 26.405 | 16.620 | 32.2 | 31.201 | 16.0 | 24.829 | 0.378 | 1.413 | 75.0 | 1.463 | 26.1 | 2.451 | 0.213 | 5.0 | 2.460 |
| 248396.0 | 842890.0 | 134.4 | 26.258 | 16.526 | 32.2 | 31.025 | 16.1 | 24.689 | 0.377 | 1.408 | 75.0 | 1.457 | 26.2 | 2.438 | 0.225 | 5.3 | 2.448 |
| 248395.3 | 842889.3 | 134.4 | 26.109 | 16.431 | 32.2 | 30.849 | 16.2 | 24.549 | 0.377 | 1.402 | 74.9 | 1.452 | 26.2 | 2.425 | 0.238 | 5.6 | 2.436 |
| 248394.6 | 842888.5 | 134.5 | 25.972 | 16.352 | 32.2 | 30.691 | 16.2 | 24.423 | 0.377 | 1.399 | 74.9 | 1.449 | 26.2 | 2.406 | 0.248 | 5.9 | 2.419 |
| 248393.9 | 842887.8 | 134.5 | 25.822 | 16.256 | 32.2 | 30.513 | 16.3 | 24.281 | 0.377 | 1.394 | 74.9 | 1.444 | 26.3 | 2.394 | 0.260 | 6.2 | 2.408 |
| 248393.2 | 842887.1 | 134.6 | 25.708 | 16.183 | 32.2 | 30.378 | 16.4 | 24.174 | 0.381 | 1.389 | 74.7 | 1.440 | 26.7 | 2.384 | 0.290 | 6.9 | 2.401 |
| 248392.5 | 842886.4 | 134.6 | 25.590 | 16.108 | 32.2 | 30.238 | 16.4 | 24.062 | 0.384 | 1.384 | 74.5 | 1.436 | 27.0 | 2.374 | 0.319 | 7.7 | 2.395 |
| 248391.8 | 842885.7 | 134.7 | 25.409 | 15.992 | 32.2 | 30.023 | 16.5 | 23.891 | 0.380 | 1.378 | 74.6 | 1.429 | 26.8 | 2.361 | 0.316 | 7.6 | 2.382 |
| 248391.1 | 842885.0 | 134.7 | 25.227 | 15.877 | 32.2 | 29.808 | 16.6 | 23.720 | 0.377 | 1.371 | 74.6 | 1.422 | 26.6 | 2.349 | 0.313 | 7.6 | 2.370 |
| 248390.4 | 842884.2 | 134.7 | 25.045 | 15.761 | 32.2 | 29.592 | 16.7 | 23.549 | 0.373 | 1.365 | 74.7 | 1.415 | 26.4 | 2.338 | 0.311 | 7.6 | 2.358 |
| 248389.7 | 842883.5 | 134.8 | 24.863 | 15.646 | 32.2 | 29.376 | 16.8 | 23.377 | 0.370 | 1.359 | 74.8 | 1.408 | 26.2 | 2.326 | 0.309 | 7.6 | 2.346 |
| 248389.0 | 842882.8 | 134.8 | 24.681 | 15.530 | 32.2 | 29.160 | 16.8 | 23.205 | 0.367 | 1.353 | 74.8 | 1.401 | 26.1 | 2.315 | 0.306 | 7.5 | 2.335 |
| 248388.3 | 842882.1 | 134.8 | 24.498 | 15.414 | 32.2 | 28.944 | 16.9 | 23.033 | 0.363 | 1.346 | 74.9 | 1.394 | 25.9 | 2.304 | 0.304 | 7.5 | 2.324 |
| 248387.6 | 842881.4 | 134.9 | 24.315 | 15.298 | 32.2 | 28.727 | 17.0 | 22.860 | 0.360 | 1.340 | 74.9 | 1.387 | 25.7 | 2.293 | 0.303 | 7.5 | 2.313 |
| 248386.9 | 842880.6 | 134.9 | 24.132 | 15.182 | 32.2 | 28.510 | 17.1 | 22.688 | 0.357 | 1.333 | 75.0 | 1.380 | 25.6 | 2.283 | 0.302 | 7.5 | 2.303 |
| 248386.2 | 842879.9 | 135.0 | 23.949 | 15.065 | 32.2 | 28.293 | 17.2 | 22.515 | 0.354 | 1.326 | 75.0 | 1.373 | 25.4 | 2.272 | 0.301 | 7.5 | 2.292 |
| 248385.5 | 842879.2 | 135.0 | 23.766 | 14.949 | 32.2 | 28.077 | 17.3 | 22.343 | 0.351 | 1.320 | 75.1 | 1.366 | 25.3 | 2.262 | 0.300 | 7.5 | 2.282 |
| 248384.8 | 842878.5 | 135.0 | 23.583 | 14.833 | 32.2 | 27.860 | 17.4 | 22.170 | 0.349 | 1.313 | 75.1 | 1.358 | 25.1 | 2.252 | 0.299 | 7.6 | 2.272 |
| 248384.1 | 842877.8 | 135.1 | 23.400 | 14.717 | 32.2 | 27.643 | 17.4 | 21.998 | 0.346 | 1.306 | 75.2 | 1.351 | 25.0 | 2.242 | 0.299 | 7.6 | 2.261 |
| 248383.4 | 842877.1 | 135.1 | 23.217 | 14.602 | 32.2 | 27.427 | 17.5 | 21.826 | 0.343 | 1.299 | 75.2 | 1.344 | 24.8 | 2.232 | 0.298 | 7.6 | 2.251 |
| 248382.7 | 842876.3 | 135.1 | 23.034 | 14.486 | 32.2 | 27.210 | 17.6 | 21.653 | 0.341 | 1.292 | 75.2 | 1.336 | 24.7 | 2.221 | 0.298 | 7.6 | 2.241 |
| 248382.0 | 842875.6 | 135.2 | 22.851 | 14.370 | 32.2 | 26.994 | 17.7 | 21.481 | 0.338 | 1.285 | 75.3 | 1.329 | 24.6 | 2.211 | 0.298 | 7.7 | 2.231 |
| 248381.3 | 842874.9 | 135.2 | 22.669 | 14.255 | 32.2 | 26.778 | 17.8 | 21.309 | 0.336 | 1.278 | 75.3 | 1.322 | 24.4 | 2.201 | 0.298 | 7.7 | 2.221 |
| 248380.7 | 842874.2 | 135.2 | 22.498 | 14.146 | 32.2 | 26.576 | 17.9 | 21.148 | 0.335 | 1.271 | 75.3 | 1.315 | 24.4 | 2.191 | 0.305 | 7.9 | 2.212 |
| 248380.0 | 842873.5 | 135.3 | 22.338 | 14.045 | 32.2 | 26.386 | 17.9 | 20.998 | 0.335 | 1.265 | 75.2 | 1.308 | 24.5 | 2.182 | 0.317 | 8.3 | 2.205 |
| 248379.3 | 842872.8 | 135.3 | 22.178 | 13.943 | 32.2 | 26.197 | 18.0 | 20.847 | 0.335 | 1.258 | 75.1 | 1.301 | 24.6 | 2.172 | 0.329 | 8.6 | 2.197 |
| 248378.6 | 842872.0 | 135.4 | 22.018 | 13.842 | 32.2 | 26.007 | 18.1 | 20.696 | 0.335 | 1.251 | 75.0 | 1.295 | 24.7 | 2.163 | 0.342 | 9.0 | 2.190 |
| 248377.9 | 842871.3 | 135.4 | 21.854 | 13.738 | 32.2 | 25.813 | 18.2 | 20.541 | 0.334 | 1.244 | 75.0 | 1.288 | 24.8 | 2.153 | 0.352 | 9.3 | 2.182 |
| 248377.2 | 842870.6 | 135.4 | 21.628 | 13.596 | 32.2 | 25.547 | 18.3 | 20.329 | 0.327 | 1.236 | 75.2 | 1.279 | 24.2 | 2.139 | 0.328 | 8.7 | 2.164 |
| 248376.5 | 842869.9 | 135.4 | 21.405 | 13.455 | 32.2 | 25.282 | 18.4 | 20.119 | 0.321 | 1.228 | 75.4 | 1.270 | 23.6 | 2.124 | 0.305 | 8.2 | 2.146 |
| 248375.8 | 842869.2 | 135.4 | 21.182 | 13.315 | 32.2 | 25.019 | 18.5 | 19.910 | 0.315 | 1.221 | 75.6 | 1.261 | 23.1 | 2.110 | 0.282 | 7.6 | 2.129 |
| 248375.1 | 842868.4 | 135.5 | 20.989 | 13.193 | 32.2 | 24.791 | 18.6 | 19.728 | 0.311 | 1.213 | 75.6 | 1.253 | 22.8 | 2.097 | 0.276 | 7.5 | 2.115 |
| 248374.4 | 842867.7 | 135.5 | 20.815 | 13.083 | 32.2 | 24.585 | 18.7 | 19.564 | 0.310 | 1.206 | 75.6 | 1.245 | 22.8 | 2.085 | 0.279 | 7.6 | 2.104 |
| 248373.7 | 842867.0 | 135.5 | 20.641 | 12.973 | 32.1 | 24.379 | 18.7 | 19.400 | 0.308 | 1.199 | 75.6 | 1.238 | 22.7 | 2.073 | 0.283 | 7.8 | 2.092 |
| 248373.0 | 842866.3 | 135.6 | 20.467 | 12.863 | 32.1 | 24.173 | 18.8 | 19.237 | 0.307 | 1.191 | 75.6 | 1.230 | 22.6 | 2.061 | 0.286 | 7.9 | 2.081 |
| 248372.3 | 842865.6 | 135.6 | 20.294 | 12.753 | 32.1 | 23.968 | 18.9 | 19.073 | 0.306 | 1.184 | 75.5 | 1.223 | 22.6 | 2.049 | 0.290 | 8.1 | 2.070 |
| 248371.6 | 842864.9 | 135.7 | 20.142 | 12.657 | 32.1 | 23.789 | 19.0 | 18.931 | 0.306 | 1.177 | 75.4 | 1.216 | 22.7 | 2.039 | 0.306 | 8.5 | 2.061 |
| 248370.9 | 842864.1 | 135.7 | 19.994 | 12.564 | 32.1 | 23.614 | 19.1 | 18.791 | 0.307 | 1.169 | 75.3 | 1.209 | 22.9 | 2.028 | 0.324 | 9.1 | 2.054 |
| 248370.2 | 842863.4 | 135.8 | 19.846 | 12.470 | 32.1 | 23.439 | 19.1 | 18.652 | 0.308 | 1.162 | 75.1 | 1.202 | 23.1 | 2.018 | 0.341 | 9.6 | 2.047 |
| 248369.5 | 842862.7 | 135.8 | 19.698 | 12.376 | 32.1 | 23.263 | 19.2 | 18.512 | 0.309 | 1.155 | 75.0 | 1.196 | 23.3 | 2.008 | 0.358 | 10.1 | 2.039 |
| 248368.8 | 842862.0 | 135.9 | 19.550 | 12.282 | 32.1 | 23.088 | 19.3 | 18.373 | 0.310 | 1.148 | 74.9 | 1.189 | 23.4 | 1.997 | 0.374 | 10.6 | 2.032 |
| 248368.1 | 842861.3 | 135.9 | 19.380 | 12.175 | 32.1 | 22.887 | 19.4 | 18.213 | 0.308 | 1.140 | 74.9 | 1.181 | 23.4 | 1.985 | 0.378 | 10.8 | 2.021 |
| 248367.4 | 842860.5 | 135.9 | 19.208 | 12.067 | 32.1 | 22.684 | 19.4 | 18.051 | 0.306 | 1.133 | 74.9 | 1.174 | 23.3 | 1.972 | 0.380 | 10.9 | 2.009 |
| 248366.7 | 842859.8 | 136.0 | 19.037 | 11.959 | 32.1 | 22.481 | 19.5 | 17.890 | 0.305 | 1.125 | 74.9 | 1.166 | 23.2 | 1.960 | 0.381 | 11.0 | 1.997 |
| 248366.0 | 842859.1 | 136.0 | 18.867 | 11.851 | 32.1 | 22.280 | 19.6 | 17.730 | 0.303 | 1.118 | 74.8 | 1.158 | 23.0 | 1.948 | 0.383 | 11.1 | 1.985 |
| 248365.3 | 842858.4 | 136.0 | 18.697 | 11.744 | 32.1 | 22.079 | 19.7 | 17.570 | 0.301 | 1.111 | 74.8 | 1.151 | 22.9 | 1.935 | 0.384 | 11.2 | 1.973 |
| 248364.6 | 842857.7 | 136.1 | 18.528 | 11.637 | 32.1 | 21.879 | 19.8 | 17.411 | 0.299 | 1.103 | 74.8 | 1.143 | 22.8 | 1.923 | 0.385 | 11.3 | 1.961 |
| 248363.9 | 842857.0 | 136.1 | 18.360 | 11.531 | 32.1 | 21.681 | 19.8 | 17.253 | 0.297 | 1.096 | 74.8 | 1.135 | 22.7 | 1.911 | 0.387 | 11.4 | 1.950 |
| 248363.3 | 842856.2 | 136.1 | 18.193 | 11.426 | 32.1 | 21.483 | 19.9 | 17.096 | 0.295 | 1.088 | 74.8 | 1.128 | 22.5 | 1.899 | 0.388 | 11.5 | 1.938 |
| 248362.6 | 842855.5 | 136.2 | 18.026 | 11.321 | 32.1 | 21.287 | 20.0 | 16.939 | 0.294 | 1.081 | 74.8 | 1.120 | 22.4 | 1.887 | 0.388 | 11.6 | 1.926 |
| 248361.9 | 842854.8 | 136.2 | 17.861 | 11.217 | 32.1 | 21.091 | 20.1 | 16.783 | 0.292 | 1.074 | 74.8 | 1.112 | 22.3 | 1.874 | 0.389 | 11.7 | 1.914 |
| 248361.2 | 842854.1 | 136.2 | 17.696 | 11.113 | 32.1 | 20.896 | 20.2 | 16.628 | 0.290 | 1.066 | 74.8 | 1.105 | 22.1 | 1.862 | 0.389 | 11.8 | 1.903 |
| 248360.5 | 842853.4 | 136.3 | 17.532 | 11.009 | 32.1 | 20.702 | 20.2 | 16.474 | 0.288 | 1.059 | 74.8 | 1.097 | 22.0 | 1.850 | 0.389 | 11.9 | 1.891 |
| 248359.8 | 842852.6 | 136.3 | 17.368 | 10.906 | 32.1 | 20.509 | 20.3 | 16.320 | 0.286 | 1.051 | 74.8 | 1.090 | 21.8 | 1.838 | 0.389 | 12.0 | 1.879 |
| 248359.1 | 842851.9 | 136.4 | 17.206 | 10.804 | 32.1 | 20.316 | 20.4 | 16.167 | 0.284 | 1.044 | 74.8 | 1.082 | 21.7 | 1.826 | 0.389 | 12.0 | 1.867 |
| 248358.4 | 842851.2 | 136.4 | 17.044 | 10.702 | 32.1 | 20.125 | 20.5 | 16.015 | 0.282 | 1.037 | 74.8 | 1.074 | 21.5 | 1.814 | 0.388 | 12.1 | 1.855 |
| 248357.7 | 842850.5 | 136.4 | 16.883 | 10.601 | 32.1 | 19.935 | 20.5 | 15.864 | 0.280 | 1.029 | 74.8 | 1.067 | 21.4 | 1.802 | 0.387 | 12.1 | 1.843 |
| 248357.0 | 842849.8 | 136.5 | 16.714 | 10.494 | 32.1 | 19.735 | 20.6 | 15.705 | 0.278 | 1.022 | 74.8 | 1.059 | 21.1 | 1.789 | 0.380 | 12.0 | 1.829 |
| 248356.3 | 842849.1 | 136.5 | 16.545 | 10.388 | 32.1 | 19.535 | 20.7 | 15.546 | 0.275 | 1.015 | 74.8 | 1.051 | 20.8 | 1.776 | 0.372 | 11.8 | 1.814 |
| 248355.6 | 842848.3 | 136.5 | 16.377 | 10.282 | 32.1 | 19.337 | 20.8 | 15.388 | 0.272 | 1.007 | 74.9 | 1.043 | 20.5 | 1.762 | 0.364 | 11.7 | 1.800 |
| 248354.9 | 842847.6 | 136.5 | 16.210 | 10.177 | 32.1 | 19.139 | 20.9 | 15.231 | 0.269 | 1.000 | 74.9 | 1.035 | 20.2 | 1.749 | 0.355 | 11.5 | 1.785 |
| 248354.2 | 842846.9 | 136.6 | 16.044 | 10.073 | 32.1 | 18.943 | 20.9 | 15.075 | 0.267 | 0.993 | 75.0 | 1.028 | 19.8 | 1.736 | 0.346 | 11.3 | 1.770 |
| 248353.5 | 842846.2 | 136.6 | 15.879 | 9.969 | 32.1 | 18.749 | 21.0 | 14.920 | 0.264 | 0.985 | 75.0 | 1.020 | 19.5 | 1.722 | 0.337 | 11.1 | 1.755 |
| 248352.8 | 842845.5 | 136.6 | 15.715 | 9.866 | 32.1 | 18.555 | 21.1 | 14.766 | 0.261 | 0.978 | 75.0 | 1.012 | 19.2 | 1.709 | 0.328 | 10.9 | 1.740 |
| 248352.1 | 842844.7 | 136.7 | 15.622 | 9.807 | 32.1 | 18.446 | 21.1 | 14.679 | 0.265 | 0.972 | 74.8 | 1.007 | 19.8 | 1.704 | 0.364 | 12.0 | 1.743 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248351.4 | 842844.0 | 136.8 | 15.548 | 9.760 | 32.1 | 18.358 | 21.2 | 14.609 | 0.269 | 0.965 | 74.4 | 1.002 | 20.6 | 1.702 | 0.411 | 13.6 | 1.751 |
| 248350.7 | 842843.3 | 136.9 | 15.457 | 9.702 | 32.1 | 18.249 | 21.2 | 14.522 | 0.272 | 0.959 | 74.2 | 0.997 | 21.2 | 1.698 | 0.446 | 14.7 | 1.756 |
| 248350.0 | 842842.6 | 136.9 | 15.304 | 9.606 | 32.1 | 18.069 | 21.3 | 14.379 | 0.270 | 0.952 | 74.2 | 0.990 | 21.0 | 1.686 | 0.440 | 14.6 | 1.743 |
| 248349.3 | 842841.9 | 136.9 | 15.118 | 9.489 | 32.1 | 17.849 | 21.4 | 14.203 | 0.265 | 0.945 | 74.3 | 0.981 | 20.3 | 1.669 | 0.411 | 13.8 | 1.719 |
| 248348.6 | 842841.2 | 136.9 | 14.946 | 9.381 | 32.1 | 17.646 | 21.5 | 14.042 | 0.261 | 0.938 | 74.4 | 0.973 | 19.8 | 1.654 | 0.390 | 13.3 | 1.700 |
| 248347.9 | 842840.4 | 137.0 | 14.791 | 9.284 | 32.1 | 17.463 | 21.5 | 13.897 | 0.259 | 0.931 | 74.5 | 0.966 | 19.5 | 1.641 | 0.380 | 13.0 | 1.685 |
| 248347.2 | 842839.7 | 137.0 | 14.638 | 9.187 | 32.1 | 17.282 | 21.6 | 13.753 | 0.257 | 0.924 | 74.5 | 0.959 | 19.1 | 1.628 | 0.369 | 12.8 | 1.669 |
| 248346.5 | 842839.0 | 137.0 | 14.483 | 9.090 | 32.1 | 17.100 | 21.7 | 13.607 | 0.254 | 0.917 | 74.5 | 0.952 | 18.8 | 1.615 | 0.357 | 12.5 | 1.654 |
| 248345.9 | 842838.3 | 137.1 | 14.303 | 8.977 | 32.1 | 16.887 | 21.8 | 13.438 | 0.250 | 0.910 | 74.7 | 0.944 | 18.1 | 1.597 | 0.325 | 11.5 | 1.630 |
| 248345.2 | 842837.6 | 137.1 | 14.125 | 8.865 | 32.1 | 16.677 | 21.9 | 13.271 | 0.245 | 0.903 | 74.8 | 0.936 | 17.4 | 1.580 | 0.294 | 10.6 | 1.607 |
| 248344.5 | 842836.8 | 137.1 | 13.953 | 8.757 | 32.1 | 16.473 | 21.9 | 13.109 | 0.242 | 0.896 | 74.9 | 0.928 | 16.7 | 1.562 | 0.266 | 9.6 | 1.585 |
| 248343.8 | 842836.1 | 137.1 | 13.786 | 8.652 | 32.1 | 16.276 | 22.0 | 12.952 | 0.238 | 0.890 | 75.0 | 0.921 | 16.1 | 1.546 | 0.240 | 8.8 | 1.564 |
| 248343.1 | 842835.4 | 137.1 | 13.623 | 8.550 | 32.1 | 16.083 | 22.1 | 12.799 | 0.235 | 0.883 | 75.1 | 0.914 | 15.5 | 1.529 | 0.215 | 8.0 | 1.544 |
| 248342.4 | 842834.7 | 137.1 | 13.483 | 8.462 | 32.1 | 15.918 | 22.2 | 12.667 | 0.234 | 0.877 | 75.1 | 0.907 | 15.2 | 1.516 | 0.206 | 7.7 | 1.530 |
| 248341.7 | 842834.0 | 137.2 | 13.346 | 8.376 | 32.1 | 15.757 | 22.2 | 12.539 | 0.232 | 0.870 | 75.0 | 0.901 | 15.0 | 1.502 | 0.197 | 7.5 | 1.515 |
| 248341.0 | 842833.3 | 137.3 | 13.263 | 8.323 | 32.1 | 15.658 | 22.3 | 12.460 | 0.235 | 0.864 | 74.8 | 0.896 | 15.6 | 1.497 | 0.226 | 8.6 | 1.514 |
| 248340.3 | 842832.5 | 137.3 | 13.179 | 8.270 | 32.1 | 15.559 | 22.3 | 12.381 | 0.237 | 0.858 | 74.6 | 0.891 | 16.1 | 1.492 | 0.255 | 9.7 | 1.514 |
| 248339.6 | 842831.8 | 137.4 | 13.095 | 8.217 | 32.1 | 15.460 | 22.4 | 12.302 | 0.239 | 0.853 | 74.4 | 0.885 | 16.6 | 1.487 | 0.282 | 10.7 | 1.513 |
| 248338.9 | 842831.1 | 137.5 | 13.011 | 8.164 | 32.1 | 15.360 | 22.4 | 12.223 | 0.241 | 0.847 | 74.1 | 0.880 | 17.1 | 1.481 | 0.309 | 11.8 | 1.513 |
| 248338.2 | 842830.4 | 137.6 | 12.927 | 8.111 | 32.1 | 15.261 | 22.5 | 12.144 | 0.243 | 0.841 | 73.9 | 0.875 | 17.6 | 1.476 | 0.335 | 12.8 | 1.513 |
| 248337.5 | 842829.7 | 137.7 | 12.839 | 8.056 | 32.1 | 15.157 | 22.5 | 12.062 | 0.245 | 0.835 | 73.7 | 0.870 | 18.1 | 1.469 | 0.357 | 13.7 | 1.512 |
| 248336.8 | 842829.0 | 137.7 | 12.712 | 7.976 | 32.1 | 15.007 | 22.6 | 11.943 | 0.243 | 0.829 | 73.6 | 0.864 | 17.9 | 1.456 | 0.351 | 13.6 | 1.498 |
| 248336.1 | 842828.2 | 137.7 | 12.576 | 7.891 | 32.1 | 14.846 | 22.6 | 11.814 | 0.242 | 0.823 | 73.6 | 0.858 | 17.6 | 1.441 | 0.337 | 13.2 | 1.480 |
| 248335.4 | 842827.5 | 137.8 | 12.437 | 7.804 | 32.1 | 14.683 | 22.7 | 11.684 | 0.240 | 0.817 | 73.7 | 0.851 | 17.2 | 1.425 | 0.320 | 12.7 | 1.461 |
| 248334.7 | 842826.8 | 137.8 | 12.300 | 7.717 | 32.1 | 14.520 | 22.8 | 11.555 | 0.238 | 0.811 | 73.7 | 0.845 | 16.8 | 1.410 | 0.304 | 12.2 | 1.442 |
| 248334.0 | 842826.1 | 137.8 | 12.163 | 7.632 | 32.1 | 14.360 | 22.8 | 11.427 | 0.236 | 0.805 | 73.7 | 0.838 | 16.4 | 1.394 | 0.287 | 11.6 | 1.423 |
| 248333.3 | 842825.4 | 137.9 | 12.039 | 7.554 | 32.1 | 14.213 | 22.9 | 11.310 | 0.235 | 0.799 | 73.6 | 0.832 | 16.2 | 1.380 | 0.279 | 11.4 | 1.408 |
| 248332.6 | 842824.6 | 138.0 | 11.990 | 7.523 | 32.1 | 14.154 | 22.9 | 11.264 | 0.238 | 0.793 | 73.3 | 0.828 | 17.2 | 1.380 | 0.326 | 13.3 | 1.418 |
| 248331.9 | 842823.9 | 138.1 | 11.939 | 7.491 | 32.1 | 14.095 | 23.0 | 11.216 | 0.242 | 0.788 | 72.9 | 0.824 | 18.2 | 1.380 | 0.372 | 15.1 | 1.429 |
| 248331.2 | 842823.2 | 138.2 | 11.861 | 7.442 | 32.1 | 14.002 | 23.0 | 11.143 | 0.244 | 0.782 | 72.7 | 0.819 | 18.7 | 1.375 | 0.397 | 16.1 | 1.431 |
| 248330.5 | 842822.5 | 138.2 | 11.726 | 7.357 | 32.1 | 13.843 | 23.1 | 11.016 | 0.241 | 0.776 | 72.7 | 0.813 | 18.3 | 1.359 | 0.378 | 15.6 | 1.411 |
| 248329.8 | 842821.8 | 138.2 | 11.597 | 7.276 | 32.1 | 13.691 | 23.1 | 10.895 | 0.240 | 0.770 | 72.7 | 0.806 | 17.9 | 1.344 | 0.364 | 15.2 | 1.393 |
| 248329.1 | 842821.1 | 138.3 | 11.470 | 7.197 | 32.1 | 13.540 | 23.2 | 10.775 | 0.238 | 0.764 | 72.7 | 0.800 | 17.6 | 1.329 | 0.350 | 14.8 | 1.375 |
| 248328.5 | 842820.3 | 138.3 | 11.343 | 7.118 | 32.1 | 13.391 | 23.3 | 10.656 | 0.236 | 0.758 | 72.7 | 0.794 | 17.3 | 1.315 | 0.336 | 14.3 | 1.357 |
| 248327.8 | 842819.6 | 138.4 | 11.301 | 7.091 | 32.1 | 13.341 | 23.3 | 10.617 | 0.240 | 0.752 | 72.3 | 0.790 | 18.4 | 1.317 | 0.386 | 16.3 | 1.373 |
| 248327.1 | 842818.9 | 138.5 | 11.213 | 7.036 | 32.1 | 13.238 | 23.3 | 10.534 | 0.241 | 0.747 | 72.1 | 0.784 | 18.7 | 1.310 | 0.401 | 17.0 | 1.370 |
| 248326.4 | 842818.2 | 138.6 | 11.125 | 6.981 | 32.1 | 13.134 | 23.4 | 10.452 | 0.241 | 0.741 | 72.0 | 0.779 | 19.1 | 1.304 | 0.415 | 17.6 | 1.368 |
| 248325.7 | 842817.5 | 138.6 | 11.009 | 6.908 | 32.1 | 12.997 | 23.4 | 10.343 | 0.240 | 0.735 | 71.9 | 0.773 | 18.9 | 1.291 | 0.406 | 17.4 | 1.354 |
| 248325.0 | 842816.7 | 138.7 | 10.886 | 6.832 | 32.1 | 12.853 | 23.5 | 10.228 | 0.238 | 0.729 | 71.9 | 0.767 | 18.6 | 1.277 | 0.392 | 17.0 | 1.336 |
| 248324.3 | 842816.0 | 138.7 | 10.765 | 6.756 | 32.1 | 12.710 | 23.6 | 10.114 | 0.236 | 0.723 | 71.9 | 0.761 | 18.3 | 1.264 | 0.377 | 16.6 | 1.319 |
| 248323.6 | 842815.3 | 138.7 | 10.645 | 6.681 | 32.1 | 12.568 | 23.6 | 10.001 | 0.234 | 0.717 | 71.9 | 0.754 | 18.0 | 1.250 | 0.363 | 16.2 | 1.301 |
| 248322.9 | 842814.6 | 138.8 | 10.527 | 6.608 | 32.1 | 12.429 | 23.7 | 9.891 | 0.233 | 0.711 | 71.9 | 0.748 | 17.7 | 1.236 | 0.349 | 15.8 | 1.285 |
| 248322.2 | 842813.9 | 138.6 | 10.267 | 6.446 | 32.1 | 12.123 | 23.8 | 9.647 | 0.223 | 0.704 | 72.5 | 0.739 | 14.8 | 1.190 | 0.220 | 10.5 | 1.210 |
| 248321.5 | 842813.2 | 138.7 | 10.147 | 6.372 | 32.1 | 11.981 | 23.9 | 9.534 | 0.221 | 0.699 | 72.4 | 0.733 | 14.3 | 1.175 | 0.202 | 9.8 | 1.192 |
| 248320.8 | 842812.4 | 138.7 | 10.039 | 6.305 | 32.1 | 11.855 | 24.0 | 9.434 | 0.220 | 0.693 | 72.4 | 0.727 | 14.2 | 1.163 | 0.193 | 9.4 | 1.179 |
| 248320.1 | 842811.7 | 138.8 | 9.933 | 6.239 | 32.1 | 11.730 | 24.0 | 9.334 | 0.219 | 0.688 | 72.3 | 0.722 | 14.0 | 1.150 | 0.183 | 9.1 | 1.165 |
| 248319.4 | 842811.0 | 138.8 | 9.824 | 6.171 | 32.1 | 11.602 | 24.1 | 9.233 | 0.218 | 0.682 | 72.3 | 0.716 | 13.7 | 1.137 | 0.171 | 8.6 | 1.150 |
| 248318.7 | 842810.3 | 138.8 | 9.674 | 6.078 | 32.1 | 11.425 | 24.2 | 9.092 | 0.215 | 0.677 | 72.4 | 0.710 | 12.6 | 1.114 | 0.123 | 6.3 | 1.120 |
| 248318.0 | 842809.6 | 138.8 | 9.563 | 6.009 | 32.1 | 11.294 | 24.2 | 8.987 | 0.213 | 0.672 | 72.4 | 0.705 | 12.2 | 1.099 | 0.105 | 5.5 | 1.104 |
| 248317.3 | 842808.8 | 138.9 | 9.512 | 5.978 | 32.1 | 11.235 | 24.3 | 8.940 | 0.215 | 0.667 | 72.2 | 0.701 | 13.0 | 1.099 | 0.138 | 7.2 | 1.108 |
| 248316.6 | 842808.1 | 139.1 | 9.510 | 5.977 | 32.2 | 11.232 | 24.3 | 8.938 | 0.219 | 0.663 | 71.7 | 0.698 | 14.7 | 1.111 | 0.211 | 10.7 | 1.131 |
| 248315.9 | 842807.4 | 139.2 | 9.432 | 5.930 | 32.2 | 11.141 | 24.4 | 8.866 | 0.219 | 0.658 | 71.6 | 0.694 | 14.9 | 1.104 | 0.219 | 11.2 | 1.126 |
| 248315.2 | 842806.7 | 139.2 | 9.355 | 5.882 | 32.2 | 11.050 | 24.4 | 8.793 | 0.219 | 0.653 | 71.5 | 0.689 | 15.1 | 1.098 | 0.227 | 11.7 | 1.121 |
| 248314.5 | 842806.0 | 139.3 | 9.270 | 5.830 | 32.2 | 10.951 | 24.5 | 8.714 | 0.219 | 0.649 | 71.4 | 0.685 | 15.1 | 1.089 | 0.227 | 11.8 | 1.112 |
| 248313.8 | 842805.3 | 139.4 | 9.185 | 5.778 | 32.2 | 10.852 | 24.6 | 8.636 | 0.218 | 0.644 | 71.3 | 0.680 | 15.1 | 1.080 | 0.227 | 11.9 | 1.103 |
| 248313.1 | 842804.5 | 139.4 | 9.108 | 5.732 | 32.2 | 10.762 | 24.6 | 8.564 | 0.218 | 0.640 | 71.2 | 0.676 | 15.3 | 1.072 | 0.232 | 12.2 | 1.097 |
| 248312.4 | 842803.8 | 139.5 | 9.038 | 5.689 | 32.2 | 10.679 | 24.7 | 8.498 | 0.218 | 0.636 | 71.1 | 0.672 | 15.5 | 1.066 | 0.241 | 12.7 | 1.093 |
| 248311.7 | 842803.1 | 139.6 | 8.978 | 5.652 | 32.2 | 10.609 | 24.7 | 8.442 | 0.219 | 0.631 | 70.9 | 0.668 | 15.9 | 1.063 | 0.259 | 13.7 | 1.094 |
| 248311.1 | 842802.4 | 139.7 | 8.923 | 5.620 | 32.2 | 10.545 | 24.8 | 8.392 | 0.220 | 0.627 | 70.7 | 0.665 | 16.5 | 1.061 | 0.281 | 14.8 | 1.098 |
| 248310.4 | 842801.7 | 139.8 | 8.869 | 5.588 | 32.2 | 10.482 | 24.9 | 8.342 | 0.221 | 0.623 | 70.5 | 0.661 | 17.0 | 1.059 | 0.302 | 15.9 | 1.102 |
| 248309.7 | 842800.9 | 139.9 | 8.815 | 5.556 | 32.2 | 10.420 | 24.9 | 8.292 | 0.222 | 0.619 | 70.3 | 0.658 | 17.5 | 1.058 | 0.323 | 17.0 | 1.106 |
| 248309.0 | 842800.2 | 140.0 | 8.762 | 5.525 | 32.2 | 10.359 | 25.0 | 8.243 | 0.222 | 0.615 | 70.1 | 0.654 | 18.0 | 1.056 | 0.343 | 18.0 | 1.110 |
| 248308.3 | 842799.5 | 140.1 | 8.676 | 5.473 | 32.2 | 10.258 | 25.1 | 8.163 | 0.221 | 0.611 | 70.1 | 0.650 | 17.8 | 1.044 | 0.334 | 17.7 | 1.097 |
| 248307.6 | 842798.8 | 140.1 | 8.590 | 5.421 | 32.3 | 10.158 | 25.2 | 8.083 | 0.220 | 0.607 | 70.1 | 0.646 | 17.6 | 1.033 | 0.323 | 17.4 | 1.082 |
| 248306.9 | 842798.1 | 140.2 | 8.506 | 5.370 | 32.3 | 10.059 | 25.3 | 8.005 | 0.219 | 0.603 | 70.0 | 0.641 | 17.3 | 1.021 | 0.313 | 17.0 | 1.068 |
| 248306.2 | 842797.4 | 140.2 | 8.420 | 5.319 | 32.3 | 9.960 | 25.3 | 7.926 | 0.217 | 0.599 | 70.0 | 0.637 | 17.0 | 1.008 | 0.300 | 16.6 | 1.052 |
| 248305.5 | 842796.6 | 140.3 | 8.335 | 5.268 | 32.3 | 9.860 | 25.4 | 7.847 | 0.216 | 0.595 | 70.0 | 0.633 | 16.7 | 0.995 | 0.285 | 16.0 | 1.035 |
| 248304.8 | 842795.9 | 140.3 | 8.252 | 5.219 | 32.3 | 9.764 | 25.5 | 7.770 | 0.215 | 0.591 | 70.0 | 0.629 | 16.3 | 0.982 | 0.271 | 15.4 | 1.019 |
| 248304.1 | 842795.2 | 140.4 | 8.172 | 5.171 | 32.3 | 9.670 | 25.6 | 7.695 | 0.213 | 0.587 | 70.0 | 0.625 | 16.0 | 0.969 | 0.258 | 14.9 | 1.003 |
| 248303.4 | 842794.5 | 140.4 | 8.098 | 5.127 | 32.3 | 9.584 | 25.7 | 7.627 | 0.212 | 0.584 | 70.0 | 0.621 | 15.7 | 0.957 | 0.248 | 14.5 | 0.989 |
| 248302.7 | 842793.8 | 140.5 | 8.026 | 5.086 | 32.4 | 9.502 | 25.8 | 7.561 | 0.211 | 0.580 | 70.0 | 0.618 | 15.5 | 0.945 | 0.238 | 14.1 | 0.975 |
| 248302.0 | 842793.0 | 140.5 | 7.958 | 5.046 | 32.4 | 9.423 | 25.9 | 7.499 | 0.210 | 0.577 | 70.0 | 0.614 | 15.2 | 0.934 | 0.229 | 13.8 | 0.961 |
| 248301.3 | 842792.3 | 140.6 | 7.900 | 5.012 | 32.4 | 9.356 | 26.0 | 7.445 | 0.209 | 0.574 | 70.0 | 0.611 | 15.1 | 0.924 | 0.227 | 13.8 | 0.952 |
| 248300.6 | 842791.6 | 140.7 | 7.874 | 4.998 | 32.4 | 9.327 | 26.0 | 7.422 | 0.210 | 0.572 | 69.8 | 0.609 | 15.7 | 0.924 | 0.253 | 15.3 | 0.958 |
| 248299.9 | 842790.9 | 140.8 | 7.846 | 4.983 | 32.4 | 9.295 | 26.1 | 7.396 | 0.211 | 0.569 | 69.7 | 0.607 | 16.1 | 0.921 | 0.272 | 16.5 | 0.961 |
| 248299.2 | 842790.2 | 140.9 | 7.824 | 4.972 | 32.4 | 9.270 | 26.2 | 7.377 | 0.212 | 0.567 | 69.5 | 0.605 | 16.6 | 0.920 | 0.295 | 17.8 | 0.966 |
| 248298.5 | 842789.5 | 141.0 | 7.801 | 4.960 | 32.4 | 9.245 | 26.2 | 7.357 | 0.212 | 0.565 | 69.4 | 0.604 | 17.0 | 0.918 | 0.314 | 18.9 | 0.970 |
| 248297.8 | 842788.7 | 141.0 | 7.771 | 4.944 | 32.5 | 9.211 | 26.3 | 7.330 | 0.212 | 0.563 | 69.4 | 0.602 | 17.1 | 0.911 | 0.322 | 19.4 | 0.967 |
| 248297.1 | 842788.0 | 141.1 | 7.747 | 4.930 | 32.5 | 9.183 | 26.4 | 7.307 | 0.212 | 0.562 | 69.3 | 0.600 | 17.2 | 0.905 | 0.330 | 20.0 | 0.964 |
| 248296.4 | 842787.3 | 141.2 | 7.728 | 4.920 | 32.5 | 9.162 | 26.4 | 7.291 | 0.212 | 0.561 | 69.3 | 0.599 | 17.4 | 0.900 | 0.340 | 20.7 | 0.962 |
| 248295.7 | 842786.6 | 141.2 | 7.712 | 4.911 | 32.5 | 9.143 | 26.4 | 7.276 | 0.212 | 0.560 | 69.3 | 0.599 | 17.4 | 0.893 | 0.346 | 21.2 | 0.958 |
| 248295.0 | 842785.9 | 141.4 | 7.750 | 4.936 | 32.5 | 9.189 | 26.5 | 7.312 | 0.214 | 0.560 | 69.1 | 0.600 | 18.6 | 0.903 | 0.400 | 23.9 | 0.988 |
| 248294.3 | 842785.2 | 141.6 | 7.830 | 4.987 | 32.5 | 9.283 | 26.4 | 7.387 | 0.219 | 0.561 | 68.6 | 0.602 | 20.7 | 0.924 | 0.487 | 27.8 | 1.045 |
| 248293.7 | 842784.4 | 141.7 | 7.845 | 4.996 | 32.5 | 9.301 | 26.4 | 7.401 | 0.220 | 0.561 | 68.6 | 0.603 | 21.0 | 0.923 | 0.507 | 28.8 | 1.052 |
| 248293.0 | 842783.7 | 141.7 | 7.852 | 5.000 | 32.5 | 9.308 | 26.4 | 7.407 | 0.219 | 0.562 | 68.7 | 0.604 | 21.0 | 0.916 | 0.511 | 29.2 | 1.049 |
| 248292.3 | 842783.0 | 141.8 | 7.867 | 5.008 | 32.5 | 9.326 | 26.4 | 7.421 | 0.219 | 0.564 | 68.8 | 0.605 | 21.0 | 0.910 | 0.518 | 29.6 | 1.047 |
| 248291.6 | 842782.3 | 141.8 | 7.892 | 5.021 | 32.5 | 9.354 | 26.4 | 7.443 | 0.219 | 0.565 | 68.8 | 0.606 | 21.1 | 0.906 | 0.526 | 30.1 | 1.047 |

Max BF along centerline is 42.694 (uT) at 263.000 (m) from structure BG1/BN1-7

Cross section results at max BF along centerline between structures BG1/BN1-7 and BG1/BN1-8




3D EMF Point Results Span from [redacted]-7 to [redacted]-8:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248458.4 | 842932.5 | 130.4 | 22.264 | 11.406 | 27.1 | 25.015 | 27.0 | 19.907 | 3.201 | 0.836 | 14.6 | 3.309 | 1.3 | 1.687 | -0.982 | -30.2 | 1.952 |
| 248457.7 | 842933.2 | 130.5 | 23.741 | 11.975 | 26.8 | 26.590 | 25.6 | 21.160 | 3.411 | 0.797 | 13.1 | 3.503 | 1.2 | 2.145 | -1.052 | -26.1 | 2.389 |
| 248456.9 | 842933.9 | 130.6 | 25.202 | 12.557 | 26.5 | 28.157 | 24.2 | 22.407 | 3.577 | 0.745 | 11.8 | 3.654 | 1.1 | 2.611 | -1.113 | -23.1 | 2.839 |
| 248456.2 | 842934.6 | 130.7 | 26.617 | 13.150 | 26.3 | 29.688 | 22.8 | 23.625 | 3.687 | 0.680 | 10.4 | 3.749 | 1.0 | 3.067 | -1.163 | -20.8 | 3.281 |
| 248455.5 | 842935.3 | 130.7 | 27.965 | 13.758 | 26.2 | 31.166 | 21.4 | 24.801 | 3.729 | 0.602 | 9.2 | 3.777 | 0.9 | 3.505 | -1.204 | -19.0 | 3.706 |
| 248454.8 | 842936.0 | 130.8 | 29.238 | 14.389 | 26.2 | 32.587 | 20.0 | 25.932 | 3.697 | 0.510 | 7.9 | 3.732 | 0.8 | 3.923 | -1.237 | -17.5 | 4.114 |
| 248454.1 | 842936.7 | 130.9 | 30.503 | 15.078 | 26.3 | 34.026 | 18.6 | 27.077 | 3.588 | 0.403 | 6.4 | 3.611 | 0.8 | 4.383 | -1.267 | -16.1 | 4.562 |
| 248453.4 | 842937.4 | 131.0 | 31.630 | 15.788 | 26.5 | 35.352 | 17.3 | 28.132 | 3.403 | 0.282 | 4.7 | 3.415 | 1.0 | 4.744 | -1.273 | -15.0 | 4.911 |
| 248452.6 | 842938.1 | 131.2 | 32.611 | 16.524 | 26.9 | 36.558 | 16.0 | 29.092 | 3.147 | 0.148 | 2.7 | 3.151 | 1.5 | 4.989 | -1.250 | -14.1 | 5.144 |
| 248451.9 | 842938.8 | 131.3 | 33.444 | 17.291 | 27.3 | 37.650 | 14.9 | 29.961 | 2.829 | 0.078 | 1.6 | 2.830 | 2.7 | 5.111 | -1.194 | -13.2 | 5.249 |
| 248451.2 | 842939.5 | 131.4 | 34.141 | 18.093 | 27.9 | 38.639 | 13.9 | 30.748 | 2.460 | 0.234 | 5.4 | 2.471 | 5.1 | 5.106 | -1.100 | -12.2 | 5.224 |
| 248450.5 | 842940.2 | 131.5 | 34.720 | 18.938 | 28.6 | 39.549 | 13.0 | 31.472 | 2.054 | 0.444 | 12.2 | 2.101 | 9.8 | 4.978 | -0.960 | -10.9 | 5.070 |
| 248449.8 | 842940.9 | 131.6 | 35.139 | 19.799 | 29.4 | 40.333 | 12.3 | 32.096 | 1.623 | 0.687 | 22.9 | 1.762 | 18.6 | 4.708 | -0.777 | -9.4 | 4.772 |
| 248449.0 | 842941.6 | 131.7 | 35.470 | 20.702 | 30.3 | 41.070 | 11.8 | 32.682 | 1.189 | 0.963 | 39.0 | 1.530 | 32.6 | 4.340 | -0.542 | -7.1 | 4.373 |
| 248448.3 | 842942.3 | 131.8 | 35.754 | 21.657 | 31.2 | 41.801 | 11.5 | 33.264 | 0.795 | 1.275 | 58.1 | 1.502 | 43.2 | 3.889 | -0.246 | -3.6 | 3.897 |
| 248447.6 | 842943.0 | 131.9 | 36.004 | 22.663 | 32.2 | 42.543 | 11.4 | 33.855 | 0.581 | 1.621 | 70.3 | 1.722 | 35.8 | 3.364 | 0.120 | 2.0 | 3.366 |
| 248446.9 | 842943.7 | 132.0 | 36.229 | 23.716 | 33.2 | 43.302 | 11.5 | 34.458 | 0.745 | 2.000 | 69.6 | 2.134 | 24.2 | 2.770 | 0.563 | 11.5 | 2.827 |
| 248446.2 | 842944.4 | 132.1 | 36.427 | 24.803 | 34.3 | 44.070 | 11.8 | 35.069 | 1.131 | 2.405 | 64.8 | 2.658 | 16.2 | 2.113 | 1.088 | 27.2 | 2.377 |
| 248445.5 | 842945.1 | 132.2 | 36.581 | 25.900 | 35.3 | 44.822 | 12.3 | 35.668 | 1.574 | 2.826 | 60.9 | 3.235 | 11.2 | 1.400 | 1.693 | 50.4 | 2.197 |
| 248444.7 | 842945.8 | 132.3 | 36.648 | 26.954 | 36.3 | 45.493 | 13.1 | 36.202 | 2.018 | 3.245 | 58.1 | 3.821 | 8.0 | 0.650 | 2.355 | 74.6 | 2.443 |
| 248444.0 | 842946.5 | 132.4 | 36.520 | 27.850 | 37.3 | 45.927 | 14.1 | 36.548 | 2.435 | 3.637 | 56.2 | 4.377 | 6.0 | -0.081 | 2.994 | -88.4 | 2.995 |
| 248443.3 | 842947.2 | 132.4 | 36.229 | 28.584 | 38.3 | 46.148 | 15.3 | 36.723 | 2.808 | 3.976 | 54.8 | 4.868 | 4.8 | -0.799 | 3.628 | -77.6 | 3.715 |
| 248442.6 | 842947.9 | 132.5 | 35.736 | 29.094 | 39.1 | 46.082 | 16.7 | 36.671 | 3.119 | 4.230 | 53.6 | 5.255 | 4.1 | -1.483 | 4.222 | -70.6 | 4.475 |
| 248441.9 | 842948.5 | 132.6 | 35.003 | 29.313 | 39.9 | 45.655 | 18.3 | 36.331 | 3.351 | 4.372 | 52.5 | 5.508 | 3.8 | -2.109 | 4.731 | -66.0 | 5.180 |
| 248441.1 | 842949.2 | 132.7 | 34.009 | 29.191 | 40.6 | 44.819 | 20.1 | 35.666 | 3.494 | 4.384 | 51.4 | 5.606 | 3.8 | -2.652 | 5.112 | -62.6 | 5.759 |
| 248440.4 | 842949.9 | 132.7 | 32.762 | 28.707 | 41.2 | 43.560 | 22.0 | 34.664 | 3.545 | 4.262 | 50.2 | 5.544 | 4.1 | -3.092 | 5.335 | -59.9 | 6.166 |
| 248439.7 | 842950.6 | 132.8 | 31.293 | 27.873 | 41.7 | 41.907 | 23.9 | 33.348 | 3.509 | 4.018 | 48.9 | 5.335 | 4.6 | -3.420 | 5.385 | -57.6 | 6.379 |
| 248439.0 | 842951.3 | 132.9 | 29.657 | 26.734 | 42.0 | 39.928 | 26.0 | 31.774 | 3.398 | 3.677 | 47.3 | 5.007 | 5.3 | -3.634 | 5.270 | -55.4 | 6.402 |
| 248438.3 | 842952.0 | 132.9 | 27.918 | 25.357 | 42.2 | 37.715 | 28.1 | 30.012 | 3.229 | 3.273 | 45.4 | 4.598 | 6.2 | -3.744 | 5.012 | -53.2 | 6.256 |
| 248437.6 | 842952.7 | 133.0 | 26.133 | 23.809 | 42.3 | 35.352 | 30.1 | 28.132 | 3.020 | 2.837 | 43.2 | 4.143 | 7.2 | -3.754 | 4.638 | -51.0 | 5.966 |
| 248436.8 | 842953.4 | 133.1 | 24.358 | 22.168 | 42.3 | 32.935 | 32.2 | 26.209 | 2.788 | 2.399 | 40.7 | 3.678 | 8.4 | -3.684 | 4.188 | -48.7 | 5.577 |

Centerline results between structures [redacted]-8 and [redacted]-9

**3D EMF Point Results Centerline from [redacted]-8 to [redacted]-9:**

| -------Measurement------- | | | -------------------------B-------------------------- | | | | | H | ------------------------EF------------------------- | | | | | ----------Space Potential---------- | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Y | Z | Real | Imaginary | Angle | Magnitude | Polarization | Magnitude | Real | Imaginary | Angle | Magnitude | Polarization | Real | Imaginary | Angle | Magnitude |
| (m) | (m) | (m) | (uT) | (uT) | (deg) | (uT) | Axial Ratio % | (A/m) | (kV/m) | (kV/m) | (deg) | (kV/m) | Axial Ratio % | (kV) | (kV) | (deg) | (kV) |
| 248290.5 | 842781.2 | 141.9 | 7.948 | 5.051 | 32.4 | 9.418 | 26.3 | 7.494 | 0.219 | 0.569 | 69.0 | 0.610 | 21.2 | 0.900 | 0.542 | 31.1 | 1.051 |
| 248289.8 | 842780.5 | 142.0 | 8.005 | 5.082 | 32.4 | 9.482 | 26.2 | 7.546 | 0.219 | 0.572 | 69.1 | 0.613 | 21.6 | 0.900 | 0.562 | 32.0 | 1.061 |
| 248289.1 | 842779.7 | 142.0 | 8.073 | 5.119 | 32.4 | 9.559 | 26.1 | 7.607 | 0.220 | 0.576 | 69.1 | 0.617 | 22.0 | 0.901 | 0.585 | 33.0 | 1.074 |
| 248288.4 | 842779.0 | 142.1 | 8.151 | 5.163 | 32.3 | 9.648 | 25.9 | 7.678 | 0.220 | 0.580 | 69.2 | 0.621 | 22.4 | 0.903 | 0.610 | 34.1 | 1.090 |
| 248287.7 | 842778.3 | 142.2 | 8.256 | 5.222 | 32.3 | 9.768 | 25.8 | 7.773 | 0.222 | 0.585 | 69.2 | 0.626 | 23.3 | 0.910 | 0.653 | 35.7 | 1.120 |
| 248287.0 | 842777.6 | 142.3 | 8.364 | 5.282 | 32.3 | 9.893 | 25.6 | 7.872 | 0.224 | 0.591 | 69.2 | 0.632 | 24.1 | 0.917 | 0.692 | 37.1 | 1.149 |
| 248286.3 | 842776.9 | 142.3 | 8.465 | 5.337 | 32.2 | 10.008 | 25.4 | 7.964 | 0.225 | 0.596 | 69.3 | 0.637 | 24.5 | 0.919 | 0.717 | 38.0 | 1.166 |
| 248285.6 | 842776.2 | 142.3 | 8.536 | 5.373 | 32.2 | 10.086 | 25.2 | 8.027 | 0.223 | 0.602 | 69.7 | 0.642 | 24.1 | 0.911 | 0.708 | 37.8 | 1.154 |
| 248284.9 | 842775.4 | 142.3 | 8.609 | 5.409 | 32.1 | 10.167 | 25.1 | 8.091 | 0.220 | 0.608 | 70.1 | 0.646 | 23.6 | 0.903 | 0.695 | 37.6 | 1.140 |
| 248284.2 | 842774.7 | 142.3 | 8.699 | 5.455 | 32.1 | 10.268 | 24.9 | 8.171 | 0.218 | 0.614 | 70.4 | 0.652 | 23.4 | 0.898 | 0.692 | 37.6 | 1.134 |
| 248283.5 | 842774.0 | 142.3 | 8.797 | 5.505 | 32.0 | 10.377 | 24.7 | 8.258 | 0.217 | 0.621 | 70.8 | 0.658 | 23.2 | 0.895 | 0.691 | 37.7 | 1.130 |
| 248282.8 | 842773.3 | 142.3 | 8.902 | 5.560 | 32.0 | 10.496 | 24.4 | 8.352 | 0.215 | 0.628 | 71.1 | 0.664 | 23.0 | 0.892 | 0.692 | 37.8 | 1.129 |
| 248282.1 | 842772.6 | 142.3 | 9.014 | 5.620 | 31.9 | 10.622 | 24.2 | 8.453 | 0.213 | 0.635 | 71.5 | 0.670 | 22.9 | 0.891 | 0.694 | 37.9 | 1.130 |
| 248281.5 | 842771.8 | 142.3 | 9.133 | 5.683 | 31.9 | 10.756 | 24.0 | 8.560 | 0.211 | 0.643 | 71.8 | 0.677 | 22.9 | 0.890 | 0.699 | 38.1 | 1.132 |
| 248280.8 | 842771.1 | 142.3 | 9.263 | 5.753 | 31.8 | 10.904 | 23.8 | 8.677 | 0.210 | 0.651 | 72.1 | 0.684 | 23.0 | 0.892 | 0.711 | 38.6 | 1.141 |
| 248280.1 | 842770.4 | 142.2 | 9.383 | 5.817 | 31.8 | 11.040 | 23.5 | 8.785 | 0.208 | 0.659 | 72.5 | 0.691 | 22.9 | 0.891 | 0.711 | 38.6 | 1.140 |
| 248279.4 | 842769.7 | 142.2 | 9.509 | 5.884 | 31.8 | 11.182 | 23.3 | 8.898 | 0.206 | 0.667 | 72.9 | 0.698 | 22.8 | 0.891 | 0.712 | 38.6 | 1.141 |
| 248278.7 | 842769.0 | 142.2 | 9.639 | 5.955 | 31.7 | 11.330 | 23.1 | 9.016 | 0.204 | 0.675 | 73.2 | 0.705 | 22.7 | 0.892 | 0.716 | 38.7 | 1.144 |
| 248278.0 | 842768.3 | 142.2 | 9.774 | 6.028 | 31.7 | 11.483 | 22.8 | 9.138 | 0.201 | 0.684 | 73.6 | 0.713 | 22.7 | 0.894 | 0.722 | 38.9 | 1.149 |
| 248277.3 | 842767.5 | 142.2 | 9.913 | 6.104 | 31.6 | 11.641 | 22.6 | 9.264 | 0.200 | 0.692 | 73.9 | 0.720 | 22.7 | 0.897 | 0.730 | 39.1 | 1.156 |
| 248276.6 | 842766.8 | 142.1 | 10.037 | 6.171 | 31.6 | 11.782 | 22.4 | 9.376 | 0.196 | 0.700 | 74.3 | 0.727 | 22.4 | 0.897 | 0.723 | 38.9 | 1.152 |
| 248275.9 | 842766.1 | 142.1 | 10.162 | 6.239 | 31.5 | 11.924 | 22.2 | 9.489 | 0.193 | 0.709 | 74.8 | 0.735 | 22.1 | 0.897 | 0.717 | 38.6 | 1.149 |
| 248275.2 | 842765.4 | 142.0 | 10.290 | 6.309 | 31.5 | 12.070 | 22.0 | 9.605 | 0.190 | 0.717 | 75.2 | 0.742 | 21.9 | 0.898 | 0.713 | 38.4 | 1.147 |
| 248274.5 | 842764.7 | 142.0 | 10.413 | 6.376 | 31.5 | 12.210 | 21.8 | 9.716 | 0.186 | 0.726 | 75.6 | 0.749 | 21.6 | 0.899 | 0.704 | 38.1 | 1.142 |
| 248273.8 | 842763.9 | 141.9 | 10.537 | 6.444 | 31.4 | 12.351 | 21.6 | 9.829 | 0.182 | 0.734 | 76.1 | 0.756 | 21.3 | 0.901 | 0.696 | 37.7 | 1.138 |
| 248273.1 | 842763.2 | 141.9 | 10.661 | 6.512 | 31.4 | 12.493 | 21.3 | 9.942 | 0.178 | 0.742 | 76.5 | 0.763 | 20.9 | 0.902 | 0.687 | 37.3 | 1.134 |
| 248272.4 | 842762.5 | 141.8 | 10.768 | 6.570 | 31.4 | 12.614 | 21.2 | 10.038 | 0.173 | 0.750 | 77.0 | 0.770 | 20.3 | 0.903 | 0.665 | 36.4 | 1.121 |
| 248271.7 | 842761.8 | 141.7 | 10.876 | 6.629 | 31.4 | 12.737 | 21.0 | 10.136 | 0.167 | 0.758 | 77.6 | 0.776 | 19.8 | 0.904 | 0.643 | 35.4 | 1.109 |
| 248271.0 | 842761.1 | 141.6 | 10.984 | 6.688 | 31.3 | 12.860 | 20.8 | 10.234 | 0.162 | 0.766 | 78.1 | 0.783 | 19.2 | 0.905 | 0.622 | 34.5 | 1.099 |
| 248270.3 | 842760.4 | 141.5 | 11.093 | 6.749 | 31.3 | 12.985 | 20.6 | 10.333 | 0.157 | 0.774 | 78.6 | 0.790 | 18.7 | 0.908 | 0.603 | 33.6 | 1.090 |
| 248269.6 | 842759.6 | 141.5 | 11.223 | 6.822 | 31.3 | 13.134 | 20.4 | 10.451 | 0.154 | 0.782 | 78.9 | 0.797 | 18.5 | 0.912 | 0.601 | 33.4 | 1.092 |
| 248268.9 | 842758.9 | 141.4 | 11.353 | 6.896 | 31.3 | 13.283 | 20.2 | 10.571 | 0.152 | 0.790 | 79.1 | 0.805 | 18.4 | 0.916 | 0.600 | 33.2 | 1.095 |
| 248268.2 | 842758.2 | 141.4 | 11.484 | 6.971 | 31.3 | 13.434 | 20.0 | 10.691 | 0.150 | 0.798 | 79.4 | 0.812 | 18.2 | 0.920 | 0.600 | 33.1 | 1.099 |
| 248267.5 | 842757.5 | 141.3 | 11.616 | 7.046 | 31.2 | 13.586 | 19.9 | 10.812 | 0.148 | 0.806 | 79.6 | 0.820 | 18.1 | 0.925 | 0.602 | 33.1 | 1.103 |
| 248266.8 | 842756.8 | 141.2 | 11.749 | 7.123 | 31.2 | 13.739 | 19.7 | 10.933 | 0.148 | 0.814 | 79.7 | 0.828 | 18.0 | 0.929 | 0.605 | 33.1 | 1.108 |
| 248266.1 | 842756.0 | 141.2 | 11.882 | 7.200 | 31.2 | 13.893 | 19.5 | 11.056 | 0.147 | 0.822 | 79.8 | 0.835 | 17.9 | 0.933 | 0.609 | 33.2 | 1.114 |
| 248265.4 | 842755.3 | 141.1 | 12.016 | 7.278 | 31.2 | 14.048 | 19.3 | 11.179 | 0.148 | 0.830 | 79.9 | 0.843 | 17.8 | 0.936 | 0.615 | 33.3 | 1.120 |
| 248264.7 | 842754.6 | 141.1 | 12.136 | 7.347 | 31.2 | 14.186 | 19.1 | 11.289 | 0.147 | 0.838 | 80.1 | 0.851 | 17.5 | 0.939 | 0.610 | 33.0 | 1.120 |
| 248264.1 | 842753.9 | 141.0 | 12.246 | 7.411 | 31.2 | 14.314 | 19.0 | 11.391 | 0.146 | 0.845 | 80.2 | 0.858 | 17.1 | 0.943 | 0.598 | 32.4 | 1.116 |
| 248263.4 | 842753.2 | 140.9 | 12.356 | 7.475 | 31.2 | 14.441 | 18.8 | 11.492 | 0.145 | 0.853 | 80.4 | 0.865 | 16.7 | 0.946 | 0.587 | 31.8 | 1.113 |
| 248262.7 | 842752.5 | 140.8 | 12.467 | 7.539 | 31.2 | 14.569 | 18.7 | 11.594 | 0.145 | 0.861 | 80.4 | 0.873 | 16.4 | 0.948 | 0.577 | 31.3 | 1.110 |
| 248262.0 | 842751.7 | 140.7 | 12.577 | 7.604 | 31.2 | 14.696 | 18.5 | 11.695 | 0.145 | 0.868 | 80.5 | 0.880 | 16.0 | 0.951 | 0.567 | 30.8 | 1.107 |
| 248261.3 | 842751.0 | 140.7 | 12.686 | 7.668 | 31.2 | 14.824 | 18.3 | 11.796 | 0.147 | 0.876 | 80.5 | 0.888 | 15.7 | 0.953 | 0.558 | 30.3 | 1.105 |
| 248260.6 | 842750.3 | 140.6 | 12.796 | 7.733 | 31.1 | 14.951 | 18.2 | 11.898 | 0.149 | 0.883 | 80.4 | 0.896 | 15.4 | 0.955 | 0.550 | 29.9 | 1.102 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248259.9 | 842749.6 | 140.5 | 12.912 | 7.802 | 31.1 | 15.086 | 18.0 | 12.005 | 0.152 | 0.891 | 80.3 | 0.904 | 15.1 | 0.957 | 0.548 | 29.8 | 1.102 |
| 248259.2 | 842748.9 | 140.4 | 13.030 | 7.873 | 31.1 | 15.223 | 17.9 | 12.114 | 0.156 | 0.898 | 80.1 | 0.912 | 14.9 | 0.958 | 0.548 | 29.8 | 1.103 |
| 248258.5 | 842748.2 | 140.3 | 13.147 | 7.943 | 31.1 | 15.361 | 17.7 | 12.224 | 0.161 | 0.906 | 79.9 | 0.920 | 14.7 | 0.958 | 0.549 | 29.8 | 1.104 |
| 248257.8 | 842747.4 | 140.3 | 13.291 | 8.030 | 31.1 | 15.528 | 17.6 | 12.357 | 0.169 | 0.913 | 79.5 | 0.929 | 14.8 | 0.955 | 0.572 | 30.9 | 1.113 |
| 248257.1 | 842746.7 | 140.2 | 13.413 | 8.105 | 31.1 | 15.672 | 17.4 | 12.471 | 0.175 | 0.921 | 79.3 | 0.937 | 14.7 | 0.953 | 0.579 | 31.3 | 1.115 |
| 248256.4 | 842746.0 | 140.2 | 13.539 | 8.182 | 31.1 | 15.819 | 17.2 | 12.589 | 0.182 | 0.928 | 78.9 | 0.946 | 14.7 | 0.950 | 0.589 | 31.8 | 1.118 |
| 248255.7 | 842745.3 | 140.1 | 13.677 | 8.266 | 31.1 | 15.981 | 17.1 | 12.717 | 0.190 | 0.936 | 78.5 | 0.955 | 14.7 | 0.945 | 0.610 | 32.9 | 1.125 |
| 248255.0 | 842744.6 | 140.1 | 13.814 | 8.351 | 31.2 | 16.142 | 16.9 | 12.846 | 0.199 | 0.943 | 78.1 | 0.964 | 14.8 | 0.938 | 0.632 | 34.0 | 1.131 |
| 248254.3 | 842743.8 | 140.0 | 13.952 | 8.436 | 31.2 | 16.304 | 16.8 | 12.975 | 0.208 | 0.951 | 77.7 | 0.973 | 14.8 | 0.930 | 0.655 | 35.2 | 1.138 |
| 248253.6 | 842743.1 | 139.9 | 14.089 | 8.522 | 31.2 | 16.466 | 16.6 | 13.103 | 0.217 | 0.958 | 77.2 | 0.983 | 14.9 | 0.921 | 0.679 | 36.4 | 1.145 |
| 248252.9 | 842742.4 | 139.9 | 14.227 | 8.608 | 31.2 | 16.628 | 16.5 | 13.232 | 0.227 | 0.966 | 76.8 | 0.992 | 15.0 | 0.911 | 0.704 | 37.7 | 1.152 |
| 248252.2 | 842741.7 | 139.8 | 14.352 | 8.686 | 31.2 | 16.776 | 16.3 | 13.350 | 0.235 | 0.973 | 76.4 | 1.001 | 14.9 | 0.901 | 0.721 | 38.7 | 1.154 |
| 248251.5 | 842741.0 | 139.8 | 14.476 | 8.764 | 31.2 | 16.922 | 16.2 | 13.466 | 0.244 | 0.980 | 76.0 | 1.010 | 14.8 | 0.890 | 0.736 | 39.6 | 1.155 |
| 248250.8 | 842740.3 | 139.7 | 14.598 | 8.841 | 31.2 | 17.067 | 16.0 | 13.582 | 0.253 | 0.987 | 75.6 | 1.019 | 14.8 | 0.878 | 0.753 | 40.6 | 1.157 |
| 248250.1 | 842739.5 | 139.6 | 14.696 | 8.903 | 31.2 | 17.183 | 15.9 | 13.673 | 0.260 | 0.994 | 75.3 | 1.027 | 14.5 | 0.869 | 0.751 | 40.8 | 1.148 |
| 248249.4 | 842738.8 | 139.5 | 14.764 | 8.947 | 31.2 | 17.263 | 15.8 | 13.738 | 0.265 | 1.001 | 75.2 | 1.035 | 13.9 | 0.863 | 0.726 | 40.0 | 1.128 |
| 248248.7 | 842738.1 | 139.4 | 14.838 | 8.993 | 31.2 | 17.351 | 15.6 | 13.807 | 0.271 | 1.007 | 74.9 | 1.043 | 13.4 | 0.857 | 0.706 | 39.5 | 1.110 |
| 248248.0 | 842737.4 | 139.3 | 14.923 | 9.048 | 31.2 | 17.452 | 15.5 | 13.888 | 0.278 | 1.014 | 74.6 | 1.051 | 13.0 | 0.847 | 0.697 | 39.5 | 1.097 |
| 248247.3 | 842736.7 | 139.2 | 15.008 | 9.102 | 31.2 | 17.552 | 15.4 | 13.968 | 0.286 | 1.020 | 74.4 | 1.059 | 12.7 | 0.836 | 0.689 | 39.5 | 1.083 |
| 248246.7 | 842735.9 | 139.1 | 15.091 | 9.156 | 31.2 | 17.652 | 15.3 | 14.047 | 0.293 | 1.026 | 74.1 | 1.067 | 12.3 | 0.825 | 0.680 | 39.5 | 1.070 |
| 248246.0 | 842735.2 | 139.0 | 15.182 | 9.215 | 31.3 | 17.759 | 15.1 | 14.133 | 0.301 | 1.033 | 73.7 | 1.076 | 12.0 | 0.812 | 0.679 | 39.9 | 1.058 |
| 248245.3 | 842734.5 | 138.9 | 15.274 | 9.276 | 31.3 | 17.870 | 15.0 | 14.220 | 0.310 | 1.039 | 73.4 | 1.084 | 11.8 | 0.797 | 0.680 | 40.5 | 1.047 |
| 248244.6 | 842733.8 | 138.8 | 15.366 | 9.336 | 31.3 | 17.980 | 14.9 | 14.308 | 0.318 | 1.046 | 73.1 | 1.093 | 11.5 | 0.781 | 0.681 | 41.1 | 1.036 |
| 248243.9 | 842733.1 | 138.8 | 15.457 | 9.396 | 31.3 | 18.088 | 14.7 | 14.394 | 0.327 | 1.052 | 72.8 | 1.101 | 11.3 | 0.764 | 0.683 | 41.8 | 1.024 |
| 248243.2 | 842732.4 | 138.7 | 15.549 | 9.457 | 31.3 | 18.199 | 14.6 | 14.482 | 0.335 | 1.058 | 72.4 | 1.110 | 11.0 | 0.746 | 0.686 | 42.6 | 1.013 |
| 248242.5 | 842731.6 | 138.6 | 15.643 | 9.519 | 31.3 | 18.312 | 14.5 | 14.572 | 0.344 | 1.064 | 72.1 | 1.119 | 10.8 | 0.726 | 0.692 | 43.6 | 1.003 |
| 248241.8 | 842730.9 | 138.5 | 15.737 | 9.582 | 31.3 | 18.424 | 14.4 | 14.661 | 0.353 | 1.071 | 71.7 | 1.127 | 10.6 | 0.705 | 0.698 | 44.7 | 0.992 |
| 248241.1 | 842730.2 | 138.4 | 15.828 | 9.643 | 31.4 | 18.534 | 14.2 | 14.749 | 0.362 | 1.077 | 71.4 | 1.136 | 10.4 | 0.684 | 0.703 | 45.8 | 0.980 |
| 248240.4 | 842729.5 | 138.3 | 15.916 | 9.702 | 31.4 | 18.640 | 14.1 | 14.833 | 0.371 | 1.083 | 71.1 | 1.145 | 10.1 | 0.663 | 0.705 | 46.8 | 0.968 |
| 248239.7 | 842728.8 | 138.3 | 16.003 | 9.761 | 31.4 | 18.745 | 14.0 | 14.917 | 0.380 | 1.089 | 70.8 | 1.154 | 9.9 | 0.641 | 0.707 | 47.8 | 0.954 |
| 248239.0 | 842728.0 | 138.2 | 16.089 | 9.820 | 31.4 | 18.849 | 13.9 | 15.000 | 0.389 | 1.096 | 70.5 | 1.163 | 9.6 | 0.618 | 0.709 | 48.9 | 0.941 |
| 248238.3 | 842727.3 | 138.1 | 16.174 | 9.878 | 31.4 | 18.952 | 13.8 | 15.082 | 0.398 | 1.102 | 70.2 | 1.171 | 9.4 | 0.595 | 0.710 | 50.1 | 0.927 |
| 248237.6 | 842726.6 | 138.0 | 16.259 | 9.937 | 31.4 | 19.055 | 13.6 | 15.164 | 0.407 | 1.108 | 69.8 | 1.180 | 9.1 | 0.571 | 0.712 | 51.3 | 0.913 |
| 248236.9 | 842725.9 | 137.9 | 16.350 | 10.000 | 31.5 | 19.166 | 13.5 | 15.252 | 0.416 | 1.115 | 69.5 | 1.190 | 8.9 | 0.545 | 0.719 | 52.8 | 0.902 |
| 248236.2 | 842725.2 | 137.8 | 16.441 | 10.063 | 31.5 | 19.276 | 13.4 | 15.339 | 0.425 | 1.121 | 69.2 | 1.199 | 8.6 | 0.518 | 0.725 | 54.4 | 0.891 |
| 248235.5 | 842724.5 | 137.8 | 16.530 | 10.125 | 31.5 | 19.385 | 13.3 | 15.426 | 0.435 | 1.128 | 68.9 | 1.209 | 8.4 | 0.492 | 0.730 | 56.0 | 0.880 |
| 248234.8 | 842723.7 | 137.7 | 16.619 | 10.187 | 31.5 | 19.493 | 13.2 | 15.512 | 0.444 | 1.134 | 68.6 | 1.218 | 8.2 | 0.465 | 0.734 | 57.7 | 0.869 |
| 248234.1 | 842723.0 | 137.6 | 16.706 | 10.249 | 31.5 | 19.599 | 13.0 | 15.597 | 0.454 | 1.141 | 68.3 | 1.228 | 7.9 | 0.438 | 0.737 | 59.3 | 0.858 |
| 248233.4 | 842722.3 | 137.5 | 16.793 | 10.311 | 31.5 | 19.705 | 12.9 | 15.681 | 0.463 | 1.148 | 68.0 | 1.238 | 7.7 | 0.411 | 0.740 | 61.0 | 0.846 |
| 248232.7 | 842721.6 | 137.4 | 16.878 | 10.372 | 31.6 | 19.810 | 12.8 | 15.764 | 0.473 | 1.154 | 67.7 | 1.248 | 7.4 | 0.384 | 0.741 | 62.6 | 0.834 |
| 248232.0 | 842720.9 | 137.4 | 16.962 | 10.432 | 31.6 | 19.914 | 12.7 | 15.847 | 0.483 | 1.161 | 67.4 | 1.258 | 7.1 | 0.357 | 0.741 | 64.2 | 0.822 |
| 248231.3 | 842720.1 | 137.3 | 17.048 | 10.494 | 31.6 | 20.019 | 12.6 | 15.931 | 0.493 | 1.168 | 67.1 | 1.268 | 6.9 | 0.331 | 0.741 | 66.0 | 0.812 |
| 248230.6 | 842719.4 | 137.2 | 17.166 | 10.577 | 31.6 | 20.163 | 12.5 | 16.045 | 0.504 | 1.175 | 66.8 | 1.279 | 6.8 | 0.293 | 0.768 | 69.1 | 0.821 |
| 248229.9 | 842718.7 | 137.2 | 17.317 | 10.685 | 31.7 | 20.348 | 12.3 | 16.192 | 0.516 | 1.183 | 66.4 | 1.291 | 6.9 | 0.243 | 0.822 | 73.5 | 0.857 |
| 248229.3 | 842718.0 | 137.2 | 17.465 | 10.790 | 31.7 | 20.529 | 12.2 | 16.336 | 0.529 | 1.191 | 66.1 | 1.303 | 6.9 | 0.194 | 0.873 | 77.5 | 0.894 |
| 248228.6 | 842717.3 | 137.1 | 17.600 | 10.887 | 31.7 | 20.695 | 12.0 | 16.469 | 0.541 | 1.199 | 65.7 | 1.315 | 6.9 | 0.149 | 0.912 | 80.7 | 0.924 |
| 248227.9 | 842716.6 | 137.1 | 17.734 | 10.984 | 31.8 | 20.861 | 11.9 | 16.600 | 0.553 | 1.207 | 65.4 | 1.327 | 6.9 | 0.104 | 0.950 | 83.7 | 0.956 |
| 248227.2 | 842715.8 | 137.1 | 17.869 | 11.082 | 31.8 | 21.026 | 11.8 | 16.732 | 0.565 | 1.215 | 65.1 | 1.340 | 6.8 | 0.060 | 0.987 | 86.5 | 0.989 |
| 248226.5 | 842715.1 | 137.0 | 17.995 | 11.175 | 31.8 | 21.182 | 11.6 | 16.856 | 0.577 | 1.223 | 64.7 | 1.352 | 6.7 | 0.019 | 1.017 | 89.0 | 1.017 |
| 248225.8 | 842714.4 | 137.0 | 18.102 | 11.254 | 31.9 | 21.315 | 11.5 | 16.962 | 0.589 | 1.231 | 64.4 | 1.365 | 6.5 | -0.015 | 1.030 | -89.2 | 1.030 |
| 248225.1 | 842713.7 | 136.9 | 18.208 | 11.334 | 31.9 | 21.447 | 11.4 | 17.067 | 0.600 | 1.239 | 64.1 | 1.377 | 6.3 | -0.047 | 1.041 | -87.4 | 1.042 |
| 248224.4 | 842713.0 | 136.8 | 18.313 | 11.413 | 31.9 | 21.579 | 11.3 | 17.172 | 0.612 | 1.248 | 63.9 | 1.390 | 6.1 | -0.078 | 1.050 | -85.8 | 1.053 |
| 248223.7 | 842712.2 | 136.8 | 18.418 | 11.492 | 32.0 | 21.709 | 11.1 | 17.275 | 0.624 | 1.256 | 63.6 | 1.403 | 5.9 | -0.108 | 1.058 | -84.2 | 1.063 |
| 248223.0 | 842711.5 | 136.7 | 18.521 | 11.571 | 32.0 | 21.838 | 11.0 | 17.378 | 0.636 | 1.264 | 63.3 | 1.415 | 5.7 | -0.137 | 1.064 | -82.7 | 1.072 |
| 248222.3 | 842710.8 | 136.7 | 18.623 | 11.649 | 32.0 | 21.966 | 10.9 | 17.480 | 0.649 | 1.273 | 63.0 | 1.429 | 5.5 | -0.164 | 1.067 | -81.3 | 1.080 |
| 248221.6 | 842710.1 | 136.6 | 18.724 | 11.727 | 32.1 | 22.094 | 10.8 | 17.582 | 0.661 | 1.282 | 62.7 | 1.442 | 5.3 | -0.190 | 1.069 | -79.9 | 1.086 |
| 248220.9 | 842709.4 | 136.6 | 18.825 | 11.805 | 32.1 | 22.220 | 10.7 | 17.682 | 0.673 | 1.290 | 62.4 | 1.455 | 5.1 | -0.214 | 1.069 | -78.7 | 1.090 |
| 248220.2 | 842708.7 | 136.5 | 18.924 | 11.882 | 32.1 | 22.345 | 10.5 | 17.782 | 0.686 | 1.299 | 62.2 | 1.469 | 4.9 | -0.236 | 1.066 | -77.5 | 1.092 |
| 248219.5 | 842707.9 | 136.4 | 19.022 | 11.960 | 32.2 | 22.470 | 10.4 | 17.881 | 0.699 | 1.308 | 61.9 | 1.483 | 4.6 | -0.257 | 1.062 | -76.4 | 1.092 |
| 248218.8 | 842707.2 | 136.4 | 19.128 | 12.042 | 32.2 | 22.603 | 10.3 | 17.987 | 0.712 | 1.317 | 61.6 | 1.497 | 4.4 | -0.279 | 1.062 | -75.3 | 1.098 |
| 248218.1 | 842706.5 | 136.4 | 19.260 | 12.145 | 32.2 | 22.769 | 10.2 | 18.119 | 0.726 | 1.327 | 61.3 | 1.512 | 4.3 | -0.313 | 1.083 | -73.9 | 1.127 |
| 248217.4 | 842705.8 | 136.3 | 19.396 | 12.250 | 32.3 | 22.940 | 10.0 | 18.255 | 0.740 | 1.337 | 61.0 | 1.528 | 4.2 | -0.347 | 1.105 | -72.6 | 1.158 |
| 248216.7 | 842705.1 | 136.3 | 19.531 | 12.355 | 32.3 | 23.111 | 9.9 | 18.391 | 0.754 | 1.347 | 60.8 | 1.543 | 4.1 | -0.379 | 1.125 | -71.4 | 1.188 |
| 248216.0 | 842704.4 | 136.3 | 19.665 | 12.461 | 32.4 | 23.281 | 9.8 | 18.526 | 0.768 | 1.357 | 60.5 | 1.559 | 4.0 | -0.409 | 1.143 | -70.3 | 1.214 |
| 248215.3 | 842703.6 | 136.2 | 19.799 | 12.567 | 32.4 | 23.450 | 9.6 | 18.661 | 0.783 | 1.367 | 60.2 | 1.576 | 3.9 | -0.438 | 1.158 | -69.3 | 1.238 |
| 248214.6 | 842702.9 | 136.2 | 19.936 | 12.675 | 32.4 | 23.624 | 9.5 | 18.799 | 0.798 | 1.378 | 59.9 | 1.592 | 3.8 | -0.466 | 1.174 | -68.4 | 1.263 |
| 248213.9 | 842702.2 | 136.2 | 20.083 | 12.792 | 32.5 | 23.811 | 9.4 | 18.948 | 0.814 | 1.389 | 59.6 | 1.610 | 3.7 | -0.497 | 1.196 | -67.4 | 1.295 |
| 248213.2 | 842701.5 | 136.2 | 20.229 | 12.909 | 32.5 | 23.997 | 9.2 | 19.096 | 0.829 | 1.400 | 59.4 | 1.627 | 3.6 | -0.527 | 1.215 | -66.6 | 1.324 |
| 248212.5 | 842700.8 | 136.1 | 20.357 | 13.013 | 32.6 | 24.161 | 9.1 | 19.227 | 0.845 | 1.412 | 59.1 | 1.645 | 3.4 | -0.544 | 1.215 | -65.9 | 1.332 |
| 248211.9 | 842700.0 | 136.2 | 20.565 | 13.176 | 32.6 | 24.424 | 8.9 | 19.436 | 0.862 | 1.424 | 58.8 | 1.665 | 3.5 | -0.602 | 1.282 | -64.9 | 1.416 |
| 248211.2 | 842699.3 | 136.2 | 20.775 | 13.343 | 32.7 | 24.691 | 8.8 | 19.649 | 0.880 | 1.437 | 58.5 | 1.685 | 3.6 | -0.659 | 1.349 | -64.0 | 1.501 |
| 248210.5 | 842698.6 | 136.2 | 20.986 | 13.511 | 32.8 | 24.959 | 8.6 | 19.862 | 0.898 | 1.451 | 58.2 | 1.706 | 3.6 | -0.715 | 1.413 | -63.1 | 1.583 |
| 248209.8 | 842697.9 | 136.2 | 21.197 | 13.680 | 32.8 | 25.228 | 8.4 | 20.076 | 0.917 | 1.465 | 58.0 | 1.728 | 3.7 | -0.770 | 1.474 | -62.4 | 1.663 |
| 248209.1 | 842697.2 | 136.2 | 21.408 | 13.850 | 32.9 | 25.498 | 8.3 | 20.291 | 0.936 | 1.479 | 57.7 | 1.750 | 3.7 | -0.824 | 1.534 | -61.8 | 1.741 |
| 248208.4 | 842696.5 | 136.3 | 21.620 | 14.023 | 33.0 | 25.770 | 8.1 | 20.507 | 0.955 | 1.493 | 57.4 | 1.772 | 3.7 | -0.877 | 1.592 | -61.1 | 1.817 |
| 248207.7 | 842695.7 | 136.2 | 21.788 | 14.162 | 33.0 | 25.986 | 7.9 | 20.679 | 0.973 | 1.507 | 57.2 | 1.794 | 3.6 | -0.903 | 1.608 | -60.7 | 1.844 |
| 248207.0 | 842695.0 | 136.2 | 21.935 | 14.287 | 33.1 | 26.178 | 7.8 | 20.832 | 0.990 | 1.521 | 56.9 | 1.815 | 3.5 | -0.917 | 1.606 | -60.3 | 1.849 |
| 248206.3 | 842694.3 | 136.2 | 22.082 | 14.413 | 33.1 | 26.370 | 7.7 | 20.984 | 1.008 | 1.536 | 56.7 | 1.837 | 3.4 | -0.928 | 1.600 | -59.9 | 1.850 |
| 248205.6 | 842693.6 | 136.2 | 22.229 | 14.538 | 33.2 | 26.561 | 7.5 | 21.136 | 1.027 | 1.550 | 56.5 | 1.859 | 3.2 | -0.937 | 1.592 | -59.5 | 1.848 |
| 248204.9 | 842692.9 | 136.2 | 22.374 | 14.664 | 33.2 | 26.751 | 7.4 | 21.288 | 1.045 | 1.565 | 56.3 | 1.882 | 3.1 | -0.944 | 1.582 | -59.2 | 1.842 |
| 248204.2 | 842692.1 | 136.2 | 22.562 | 14.823 | 33.3 | 26.995 | 7.2 | 21.482 | 1.064 | 1.580 | 56.0 | 1.905 | 3.1 | -0.975 | 1.607 | -58.8 | 1.879 |
| 248203.5 | 842691.4 | 136.2 | 22.782 | 15.008 | 33.4 | 27.281 | 7.1 | 21.710 | 1.084 | 1.596 | 55.8 | 1.929 | 3.1 | -1.024 | 1.659 | -58.3 | 1.950 |
| 248202.8 | 842690.7 | 136.2 | 23.002 | 15.195 | 33.4 | 27.568 | 6.9 | 21.938 | 1.104 | 1.612 | 55.6 | 1.954 | 3.1 | -1.073 | 1.711 | -57.9 | 2.020 |
| 248202.1 | 842690.0 | 136.3 | 23.223 | 15.383 | 33.5 | 27.856 | 6.7 | 22.167 | 1.125 | 1.627 | 55.4 | 1.978 | 3.1 | -1.122 | 1.763 | -57.5 | 2.089 |
| 248201.4 | 842689.3 | 136.3 | 23.443 | 15.573 | 33.6 | 28.144 | 6.6 | 22.397 | 1.145 | 1.643 | 55.1 | 2.003 | 3.1 | -1.172 | 1.814 | -57.1 | 2.159 |
| 248200.7 | 842688.6 | 136.3 | 23.653 | 15.755 | 33.7 | 28.419 | 6.4 | 22.615 | 1.165 | 1.659 | 54.9 | 2.027 | 3.0 | -1.214 | 1.856 | -56.8 | 2.217 |
| 248200.0 | 842687.8 | 136.3 | 23.837 | 15.918 | 33.7 | 28.664 | 6.2 | 22.810 | 1.184 | 1.674 | 54.7 | 2.050 | 3.0 | -1.242 | 1.876 | -56.5 | 2.249 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248199.3 | 842687.1 | 136.3 | 24.007 | 16.070 | 33.8 | 28.889 | 6.1 | 22.989 | 1.203 | 1.689 | 54.5 | 2.073 | 2.9 | -1.260 | 1.883 | -56.2 | 2.266 |
| 248198.6 | 842686.4 | 136.3 | 24.176 | 16.223 | 33.9 | 29.114 | 5.9 | 23.169 | 1.221 | 1.703 | 54.4 | 2.096 | 2.8 | -1.278 | 1.891 | -55.9 | 2.282 |
| 248197.9 | 842685.7 | 136.3 | 24.344 | 16.376 | 33.9 | 29.339 | 5.8 | 23.347 | 1.240 | 1.718 | 54.2 | 2.118 | 2.7 | -1.296 | 1.899 | -55.7 | 2.299 |
| 248197.2 | 842685.0 | 136.3 | 24.512 | 16.529 | 34.0 | 29.564 | 5.7 | 23.526 | 1.258 | 1.732 | 54.0 | 2.141 | 2.6 | -1.314 | 1.907 | -55.4 | 2.316 |
| 248196.5 | 842684.2 | 136.3 | 24.678 | 16.682 | 34.1 | 29.788 | 5.5 | 23.704 | 1.276 | 1.746 | 53.8 | 2.163 | 2.5 | -1.332 | 1.917 | -55.2 | 2.334 |
| 248195.8 | 842683.5 | 136.3 | 24.817 | 16.814 | 34.1 | 29.977 | 5.4 | 23.855 | 1.293 | 1.759 | 53.7 | 2.184 | 2.4 | -1.333 | 1.903 | -55.0 | 2.323 |
| 248195.1 | 842682.8 | 136.3 | 24.947 | 16.938 | 34.2 | 30.154 | 5.3 | 23.996 | 1.310 | 1.772 | 53.5 | 2.204 | 2.3 | -1.328 | 1.882 | -54.8 | 2.303 |
| 248194.5 | 842682.1 | 136.2 | 25.076 | 17.062 | 34.2 | 30.330 | 5.1 | 24.136 | 1.327 | 1.785 | 53.4 | 2.224 | 2.2 | -1.323 | 1.861 | -54.6 | 2.284 |
| 248193.8 | 842681.4 | 136.2 | 25.203 | 17.186 | 34.3 | 30.505 | 5.0 | 24.275 | 1.344 | 1.797 | 53.2 | 2.244 | 2.1 | -1.318 | 1.842 | -54.4 | 2.265 |
| 248193.1 | 842680.7 | 136.2 | 25.329 | 17.310 | 34.3 | 30.679 | 4.9 | 24.414 | 1.360 | 1.809 | 53.1 | 2.263 | 2.0 | -1.312 | 1.822 | -54.2 | 2.246 |
| 248192.4 | 842679.9 | 136.2 | 25.453 | 17.432 | 34.4 | 30.851 | 4.8 | 24.550 | 1.376 | 1.821 | 52.9 | 2.282 | 1.9 | -1.306 | 1.802 | -54.1 | 2.226 |
| 248191.7 | 842679.2 | 136.2 | 25.575 | 17.553 | 34.5 | 31.019 | 4.7 | 24.684 | 1.392 | 1.833 | 52.8 | 2.301 | 1.8 | -1.298 | 1.781 | -53.9 | 2.204 |
| 248191.0 | 842678.5 | 136.1 | 25.695 | 17.674 | 34.5 | 31.187 | 4.6 | 24.818 | 1.408 | 1.844 | 52.6 | 2.320 | 1.7 | -1.290 | 1.761 | -53.8 | 2.183 |
| 248190.3 | 842677.8 | 136.1 | 25.815 | 17.794 | 34.6 | 31.353 | 4.4 | 24.950 | 1.424 | 1.856 | 52.5 | 2.339 | 1.6 | -1.281 | 1.740 | -53.6 | 2.161 |
| 248189.6 | 842677.1 | 136.1 | 25.941 | 17.920 | 34.6 | 31.529 | 4.3 | 25.090 | 1.439 | 1.867 | 52.4 | 2.358 | 1.5 | -1.278 | 1.726 | -53.5 | 2.147 |
| 248188.9 | 842676.3 | 136.1 | 26.123 | 18.095 | 34.7 | 31.778 | 4.2 | 25.288 | 1.456 | 1.880 | 52.2 | 2.378 | 1.4 | -1.315 | 1.765 | -53.3 | 2.201 |
| 248188.2 | 842675.6 | 136.1 | 26.305 | 18.271 | 34.8 | 32.027 | 4.0 | 25.486 | 1.472 | 1.892 | 52.1 | 2.397 | 1.4 | -1.353 | 1.805 | -53.1 | 2.255 |
| 248187.5 | 842674.9 | 136.1 | 26.485 | 18.446 | 34.9 | 32.276 | 3.9 | 25.684 | 1.489 | 1.904 | 52.0 | 2.417 | 1.4 | -1.391 | 1.844 | -53.0 | 2.310 |
| 248186.8 | 842674.2 | 136.1 | 26.666 | 18.622 | 34.9 | 32.525 | 3.7 | 25.882 | 1.505 | 1.917 | 51.9 | 2.437 | 1.3 | -1.429 | 1.883 | -52.8 | 2.364 |
| 248186.1 | 842673.5 | 136.2 | 26.834 | 18.791 | 35.0 | 32.759 | 3.6 | 26.069 | 1.522 | 1.928 | 51.7 | 2.456 | 1.3 | -1.458 | 1.915 | -52.7 | 2.407 |
| 248185.4 | 842672.8 | 136.2 | 27.014 | 18.968 | 35.1 | 33.008 | 3.4 | 26.267 | 1.538 | 1.940 | 51.6 | 2.476 | 1.3 | -1.497 | 1.955 | -52.6 | 2.463 |
| 248184.7 | 842672.0 | 136.2 | 27.193 | 19.146 | 35.1 | 33.257 | 3.3 | 26.465 | 1.555 | 1.953 | 51.5 | 2.496 | 1.2 | -1.537 | 1.996 | -52.4 | 2.519 |
| 248184.0 | 842671.3 | 136.2 | 27.371 | 19.324 | 35.2 | 33.505 | 3.1 | 26.662 | 1.570 | 1.965 | 51.4 | 2.515 | 1.2 | -1.577 | 2.037 | -52.2 | 2.576 |
| 248183.3 | 842670.6 | 136.2 | 27.528 | 19.484 | 35.3 | 33.726 | 3.0 | 26.838 | 1.586 | 1.977 | 51.3 | 2.534 | 1.2 | -1.603 | 2.059 | -52.1 | 2.609 |
| 248182.6 | 842669.9 | 136.2 | 27.682 | 19.643 | 35.4 | 33.944 | 2.9 | 27.011 | 1.601 | 1.988 | 51.2 | 2.553 | 1.1 | -1.627 | 2.081 | -52.0 | 2.641 |
| 248181.9 | 842669.2 | 136.2 | 27.836 | 19.802 | 35.4 | 34.161 | 2.7 | 27.184 | 1.616 | 2.000 | 51.1 | 2.571 | 1.1 | -1.653 | 2.103 | -51.8 | 2.675 |
| 248181.2 | 842668.4 | 136.2 | 27.988 | 19.961 | 35.5 | 34.377 | 2.6 | 27.356 | 1.630 | 2.011 | 51.0 | 2.589 | 1.1 | -1.679 | 2.127 | -51.7 | 2.710 |
| 248180.5 | 842667.7 | 136.2 | 28.140 | 20.119 | 35.6 | 34.592 | 2.5 | 27.528 | 1.645 | 2.022 | 50.9 | 2.606 | 1.0 | -1.706 | 2.153 | -51.6 | 2.747 |
| 248179.8 | 842667.0 | 136.2 | 28.291 | 20.278 | 35.6 | 34.807 | 2.4 | 27.699 | 1.658 | 2.032 | 50.8 | 2.623 | 1.0 | -1.735 | 2.180 | -51.5 | 2.786 |
| 248179.1 | 842666.3 | 136.2 | 28.440 | 20.436 | 35.7 | 35.021 | 2.2 | 27.869 | 1.672 | 2.042 | 50.7 | 2.640 | 1.0 | -1.765 | 2.210 | -51.4 | 2.828 |
| 248178.4 | 842665.6 | 136.2 | 28.589 | 20.594 | 35.8 | 35.234 | 2.1 | 28.038 | 1.685 | 2.052 | 50.6 | 2.655 | 0.9 | -1.796 | 2.242 | -51.3 | 2.873 |
| 248177.7 | 842664.9 | 136.2 | 28.737 | 20.752 | 35.8 | 35.446 | 2.0 | 28.207 | 1.698 | 2.062 | 50.5 | 2.671 | 0.9 | -1.830 | 2.276 | -51.2 | 2.920 |
| 248177.0 | 842664.1 | 136.2 | 28.843 | 20.873 | 35.9 | 35.603 | 1.9 | 28.332 | 1.710 | 2.070 | 50.4 | 2.685 | 0.8 | -1.833 | 2.274 | -51.1 | 2.921 |
| 248176.4 | 842663.4 | 136.2 | 28.945 | 20.989 | 35.9 | 35.754 | 1.8 | 28.452 | 1.721 | 2.078 | 50.4 | 2.698 | 0.8 | -1.835 | 2.271 | -51.1 | 2.920 |
| 248175.7 | 842662.7 | 136.1 | 29.045 | 21.105 | 36.0 | 35.903 | 1.7 | 28.571 | 1.733 | 2.086 | 50.3 | 2.712 | 0.8 | -1.838 | 2.271 | -51.0 | 2.921 |
| 248175.0 | 842662.0 | 136.1 | 29.143 | 21.220 | 36.1 | 36.050 | 1.6 | 28.688 | 1.743 | 2.093 | 50.2 | 2.724 | 0.7 | -1.842 | 2.272 | -51.0 | 2.925 |
| 248174.3 | 842661.3 | 136.1 | 29.230 | 21.324 | 36.1 | 36.182 | 1.5 | 28.792 | 1.753 | 2.100 | 50.1 | 2.736 | 0.7 | -1.840 | 2.267 | -50.9 | 2.920 |
| 248173.6 | 842660.6 | 136.1 | 29.316 | 21.427 | 36.2 | 36.312 | 1.4 | 28.896 | 1.763 | 2.107 | 50.1 | 2.747 | 0.7 | -1.840 | 2.264 | -50.9 | 2.917 |
| 248172.9 | 842659.8 | 136.0 | 29.402 | 21.531 | 36.2 | 36.443 | 1.3 | 29.000 | 1.773 | 2.113 | 50.0 | 2.758 | 0.7 | -1.844 | 2.265 | -50.9 | 2.921 |
| 248172.2 | 842659.1 | 136.0 | 29.487 | 21.635 | 36.3 | 36.572 | 1.2 | 29.103 | 1.782 | 2.119 | 49.9 | 2.769 | 0.6 | -1.849 | 2.270 | -50.8 | 2.928 |
| 248171.5 | 842658.4 | 136.0 | 29.571 | 21.738 | 36.3 | 36.701 | 1.1 | 29.206 | 1.791 | 2.125 | 49.9 | 2.779 | 0.6 | -1.857 | 2.278 | -50.8 | 2.939 |
| 248170.8 | 842657.7 | 136.0 | 29.650 | 21.836 | 36.4 | 36.823 | 1.1 | 29.303 | 1.799 | 2.130 | 49.8 | 2.788 | 0.6 | -1.865 | 2.286 | -50.8 | 2.950 |
| 248170.1 | 842657.0 | 135.9 | 29.717 | 21.924 | 36.4 | 36.929 | 1.0 | 29.387 | 1.807 | 2.135 | 49.8 | 2.797 | 0.6 | -1.866 | 2.287 | -50.8 | 2.952 |
| 248169.4 | 842656.2 | 135.9 | 29.784 | 22.011 | 36.5 | 37.034 | 0.9 | 29.471 | 1.814 | 2.139 | 49.7 | 2.805 | 0.6 | -1.870 | 2.292 | -50.8 | 2.958 |
| 248168.7 | 842655.5 | 135.9 | 29.849 | 22.097 | 36.5 | 37.138 | 0.8 | 29.553 | 1.821 | 2.143 | 49.6 | 2.812 | 0.6 | -1.877 | 2.300 | -50.8 | 2.969 |
| 248168.0 | 842654.8 | 135.9 | 29.913 | 22.181 | 36.6 | 37.240 | 0.8 | 29.634 | 1.828 | 2.146 | 49.6 | 2.819 | 0.6 | -1.886 | 2.312 | -50.8 | 2.984 |
| 248167.3 | 842654.1 | 135.8 | 29.953 | 22.244 | 36.6 | 37.310 | 0.7 | 29.690 | 1.834 | 2.149 | 49.5 | 2.825 | 0.6 | -1.880 | 2.307 | -50.8 | 2.976 |
| 248166.6 | 842653.4 | 135.8 | 29.967 | 22.282 | 36.6 | 37.343 | 0.7 | 29.716 | 1.839 | 2.151 | 49.5 | 2.830 | 0.6 | -1.854 | 2.279 | -50.9 | 2.938 |
| 248165.9 | 842652.7 | 135.7 | 29.979 | 22.318 | 36.7 | 37.374 | 0.6 | 29.741 | 1.844 | 2.153 | 49.4 | 2.835 | 0.6 | -1.830 | 2.255 | -50.9 | 2.905 |
| 248165.2 | 842651.9 | 135.7 | 29.989 | 22.352 | 36.7 | 37.403 | 0.6 | 29.764 | 1.848 | 2.155 | 49.4 | 2.839 | 0.6 | -1.809 | 2.235 | -51.0 | 2.876 |
| 248164.5 | 842651.2 | 135.6 | 29.999 | 22.386 | 36.7 | 37.430 | 0.5 | 29.786 | 1.852 | 2.156 | 49.3 | 2.842 | 0.6 | -1.791 | 2.218 | -51.1 | 2.850 |
| 248163.8 | 842650.5 | 135.5 | 30.007 | 22.418 | 36.8 | 37.456 | 0.5 | 29.806 | 1.856 | 2.157 | 49.3 | 2.846 | 0.6 | -1.774 | 2.204 | -51.2 | 2.829 |
| 248163.1 | 842649.8 | 135.5 | 30.013 | 22.448 | 36.8 | 37.480 | 0.5 | 29.825 | 1.860 | 2.158 | 49.2 | 2.849 | 0.6 | -1.760 | 2.193 | -51.2 | 2.812 |
| 248162.4 | 842649.1 | 135.4 | 30.019 | 22.478 | 36.8 | 37.502 | 0.4 | 29.843 | 1.863 | 2.159 | 49.2 | 2.851 | 0.6 | -1.748 | 2.184 | -51.3 | 2.798 |
| 248161.7 | 842648.3 | 135.4 | 30.023 | 22.506 | 36.9 | 37.522 | 0.4 | 29.859 | 1.866 | 2.159 | 49.2 | 2.854 | 0.6 | -1.738 | 2.179 | -51.4 | 2.787 |
| 248161.0 | 842647.6 | 135.3 | 30.026 | 22.532 | 36.9 | 37.540 | 0.4 | 29.874 | 1.869 | 2.159 | 49.1 | 2.856 | 0.6 | -1.729 | 2.177 | -51.5 | 2.780 |
| 248160.3 | 842646.9 | 135.3 | 30.027 | 22.558 | 36.9 | 37.557 | 0.3 | 29.887 | 1.871 | 2.160 | 49.1 | 2.857 | 0.6 | -1.723 | 2.176 | -51.6 | 2.776 |
| 248159.6 | 842646.2 | 135.2 | 30.028 | 22.582 | 36.9 | 37.571 | 0.3 | 29.898 | 1.874 | 2.160 | 49.1 | 2.859 | 0.7 | -1.718 | 2.178 | -51.7 | 2.774 |
| 248159.0 | 842645.5 | 135.2 | 30.027 | 22.605 | 37.0 | 37.584 | 0.3 | 29.909 | 1.876 | 2.159 | 49.0 | 2.860 | 0.7 | -1.715 | 2.182 | -51.8 | 2.776 |
| 248158.3 | 842644.8 | 135.1 | 30.025 | 22.626 | 37.0 | 37.596 | 0.2 | 29.918 | 1.878 | 2.159 | 49.0 | 2.862 | 0.7 | -1.713 | 2.188 | -51.9 | 2.779 |
| 248157.6 | 842644.0 | 135.1 | 30.021 | 22.647 | 37.0 | 37.605 | 0.2 | 29.925 | 1.880 | 2.159 | 49.0 | 2.863 | 0.8 | -1.713 | 2.196 | -52.1 | 2.785 |
| 248156.9 | 842643.3 | 135.0 | 30.010 | 22.660 | 37.1 | 37.605 | 0.2 | 29.925 | 1.881 | 2.159 | 48.9 | 2.863 | 0.8 | -1.708 | 2.200 | -52.2 | 2.785 |
| 248156.2 | 842642.6 | 135.0 | 29.981 | 22.655 | 37.1 | 37.578 | 0.2 | 29.904 | 1.883 | 2.158 | 48.9 | 2.864 | 0.8 | -1.690 | 2.187 | -52.3 | 2.764 |
| 248155.5 | 842641.9 | 134.9 | 29.951 | 22.649 | 37.1 | 37.551 | 0.2 | 29.882 | 1.884 | 2.157 | 48.9 | 2.864 | 0.8 | -1.672 | 2.176 | -52.5 | 2.744 |
| 248154.8 | 842641.2 | 134.8 | 29.898 | 22.621 | 37.1 | 37.492 | 0.2 | 29.835 | 1.885 | 2.156 | 48.8 | 2.864 | 0.8 | -1.637 | 2.144 | -52.6 | 2.697 |
| 248154.1 | 842640.4 | 134.7 | 29.842 | 22.590 | 37.1 | 37.428 | 0.2 | 29.784 | 1.886 | 2.155 | 48.8 | 2.864 | 0.9 | -1.600 | 2.111 | -52.8 | 2.649 |
| 248153.4 | 842639.7 | 134.7 | 29.785 | 22.557 | 37.1 | 37.363 | 0.2 | 29.732 | 1.887 | 2.154 | 48.8 | 2.863 | 0.9 | -1.563 | 2.078 | -53.0 | 2.600 |
| 248152.7 | 842639.0 | 134.6 | 29.726 | 22.524 | 37.2 | 37.296 | 0.2 | 29.679 | 1.887 | 2.153 | 48.8 | 2.863 | 0.9 | -1.527 | 2.045 | -53.3 | 2.552 |
| 248152.0 | 842638.3 | 134.5 | 29.667 | 22.489 | 37.2 | 37.227 | 0.2 | 29.624 | 1.888 | 2.152 | 48.7 | 2.863 | 0.9 | -1.491 | 2.013 | -53.5 | 2.505 |
| 248151.3 | 842637.6 | 134.4 | 29.606 | 22.452 | 37.2 | 37.157 | 0.2 | 29.569 | 1.889 | 2.152 | 48.7 | 2.863 | 0.9 | -1.456 | 1.980 | -53.7 | 2.457 |
| 248150.6 | 842636.9 | 134.4 | 29.545 | 22.415 | 37.2 | 37.085 | 0.2 | 29.512 | 1.890 | 2.151 | 48.7 | 2.863 | 0.9 | -1.420 | 1.946 | -53.9 | 2.409 |
| 248149.9 | 842636.1 | 134.3 | 29.482 | 22.376 | 37.2 | 37.012 | 0.2 | 29.453 | 1.891 | 2.151 | 48.7 | 2.864 | 0.9 | -1.385 | 1.913 | -54.1 | 2.361 |
| 248149.2 | 842635.4 | 134.2 | 29.418 | 22.336 | 37.2 | 36.937 | 0.2 | 29.394 | 1.892 | 2.151 | 48.7 | 2.864 | 0.9 | -1.350 | 1.879 | -54.3 | 2.313 |
| 248148.5 | 842634.7 | 134.1 | 29.354 | 22.295 | 37.2 | 36.861 | 0.2 | 29.333 | 1.892 | 2.151 | 48.7 | 2.865 | 0.9 | -1.315 | 1.844 | -54.5 | 2.265 |
| 248147.8 | 842634.0 | 134.1 | 29.326 | 22.290 | 37.2 | 36.836 | 0.2 | 29.313 | 1.894 | 2.151 | 48.6 | 2.866 | 1.0 | -1.316 | 1.849 | -54.6 | 2.270 |
| 248147.1 | 842633.3 | 134.1 | 29.352 | 22.336 | 37.3 | 36.884 | 0.1 | 29.351 | 1.895 | 2.152 | 48.6 | 2.868 | 1.0 | -1.366 | 1.910 | -54.4 | 2.348 |
| 248146.4 | 842632.5 | 134.0 | 29.376 | 22.381 | 37.3 | 36.931 | 0.1 | 29.388 | 1.897 | 2.153 | 48.6 | 2.870 | 1.0 | -1.418 | 1.971 | -54.3 | 2.428 |
| 248145.7 | 842631.8 | 134.0 | 29.399 | 22.425 | 37.3 | 36.975 | 0.1 | 29.424 | 1.898 | 2.154 | 48.6 | 2.871 | 1.1 | -1.471 | 2.034 | -54.1 | 2.510 |
| 248145.0 | 842631.1 | 133.9 | 29.367 | 22.415 | 37.4 | 36.944 | 0.1 | 29.399 | 1.899 | 2.155 | 48.6 | 2.872 | 1.1 | -1.478 | 2.042 | -54.1 | 2.521 |
| 248144.3 | 842630.4 | 133.8 | 29.269 | 22.340 | 37.4 | 36.820 | 0.1 | 29.301 | 1.899 | 2.154 | 48.6 | 2.871 | 1.0 | -1.426 | 1.984 | -54.3 | 2.444 |
| 248143.6 | 842629.7 | 133.8 | 29.167 | 22.262 | 37.4 | 36.692 | 0.1 | 29.199 | 1.898 | 2.153 | 48.6 | 2.870 | 1.0 | -1.375 | 1.927 | -54.5 | 2.367 |
| 248142.9 | 842629.0 | 133.7 | 29.074 | 22.192 | 37.4 | 36.576 | 0.1 | 29.106 | 1.898 | 2.152 | 48.6 | 2.869 | 1.0 | -1.336 | 1.881 | -54.6 | 2.307 |
| 248142.2 | 842628.2 | 133.6 | 28.980 | 22.121 | 37.4 | 36.458 | 0.2 | 29.012 | 1.897 | 2.150 | 48.6 | 2.867 | 1.0 | -1.299 | 1.839 | -54.8 | 2.252 |
| 248141.6 | 842627.5 | 133.5 | 28.885 | 22.049 | 37.4 | 36.339 | 0.2 | 28.918 | 1.895 | 2.148 | 48.6 | 2.865 | 1.0 | -1.266 | 1.801 | -54.9 | 2.202 |
| 248140.9 | 842626.8 | 133.4 | 28.797 | 21.983 | 37.4 | 36.229 | 0.2 | 28.830 | 1.894 | 2.146 | 48.6 | 2.862 | 0.9 | -1.244 | 1.775 | -55.0 | 2.167 |
| 248140.2 | 842626.1 | 133.3 | 28.695 | 21.904 | 37.4 | 36.100 | 0.2 | 28.727 | 1.891 | 2.143 | 48.6 | 2.858 | 0.9 | -1.214 | 1.739 | -55.1 | 2.121 |
| 248139.5 | 842625.4 | 133.2 | 28.591 | 21.823 | 37.4 | 35.968 | 0.3 | 28.622 | 1.889 | 2.140 | 48.6 | 2.854 | 0.9 | -1.187 | 1.707 | -55.2 | 2.079 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248138.8 | 842624.6 | 133.1 | 28.466 | 21.721 | 37.3 | 35.807 | 0.3 | 28.494 | 1.886 | 2.136 | 48.6 | 2.849 | 0.9 | -1.146 | 1.659 | -55.4 | 2.016 |
| 248138.1 | 842623.9 | 133.0 | 28.338 | 21.615 | 37.3 | 35.641 | 0.3 | 28.362 | 1.882 | 2.132 | 48.6 | 2.844 | 0.9 | -1.107 | 1.612 | -55.5 | 1.955 |
| 248137.4 | 842623.2 | 133.0 | 28.230 | 21.529 | 37.3 | 35.502 | 0.4 | 28.252 | 1.878 | 2.127 | 48.6 | 2.838 | 0.8 | -1.092 | 1.593 | -55.6 | 1.931 |
| 248136.7 | 842622.5 | 132.9 | 28.121 | 21.442 | 37.3 | 35.363 | 0.4 | 28.141 | 1.874 | 2.122 | 48.6 | 2.831 | 0.8 | -1.082 | 1.579 | -55.6 | 1.914 |
| 248136.0 | 842621.8 | 132.8 | 28.036 | 21.379 | 37.3 | 35.258 | 0.4 | 28.057 | 1.870 | 2.118 | 48.6 | 2.825 | 0.8 | -1.102 | 1.598 | -55.4 | 1.942 |
| 248135.3 | 842621.1 | 132.7 | 27.922 | 21.287 | 37.3 | 35.111 | 0.5 | 27.941 | 1.865 | 2.112 | 48.6 | 2.817 | 0.8 | -1.100 | 1.592 | -55.4 | 1.934 |
| 248134.6 | 842620.3 | 132.6 | 27.826 | 21.212 | 37.3 | 34.989 | 0.5 | 27.844 | 1.859 | 2.107 | 48.6 | 2.810 | 0.8 | -1.120 | 1.610 | -55.2 | 1.961 |
| 248133.9 | 842619.6 | 132.6 | 27.757 | 21.164 | 37.3 | 34.906 | 0.5 | 27.777 | 1.854 | 2.101 | 48.6 | 2.802 | 0.9 | -1.172 | 1.666 | -54.9 | 2.037 |
| 248133.2 | 842618.9 | 132.5 | 27.703 | 21.130 | 37.3 | 34.842 | 0.5 | 27.726 | 1.848 | 2.095 | 48.6 | 2.794 | 0.9 | -1.244 | 1.743 | -54.5 | 2.142 |
| 248132.5 | 842618.2 | 132.4 | 27.635 | 21.082 | 37.3 | 34.758 | 0.5 | 27.660 | 1.842 | 2.089 | 48.6 | 2.785 | 0.9 | -1.309 | 1.811 | -54.1 | 2.235 |
| 248131.8 | 842617.5 | 132.3 | 27.515 | 20.984 | 37.3 | 34.604 | 0.6 | 27.537 | 1.835 | 2.082 | 48.6 | 2.775 | 0.9 | -1.330 | 1.830 | -54.0 | 2.262 |
| 248131.1 | 842616.8 | 132.2 | 27.380 | 20.870 | 37.3 | 34.427 | 0.6 | 27.396 | 1.828 | 2.074 | 48.6 | 2.765 | 0.9 | -1.341 | 1.837 | -53.9 | 2.274 |
| 248130.4 | 842616.0 | 132.1 | 27.190 | 20.704 | 37.3 | 34.175 | 0.7 | 27.196 | 1.820 | 2.065 | 48.6 | 2.753 | 0.9 | -1.305 | 1.791 | -53.9 | 2.216 |
| 248129.7 | 842615.3 | 132.0 | 27.001 | 20.538 | 37.3 | 33.925 | 0.8 | 26.996 | 1.812 | 2.057 | 48.6 | 2.741 | 0.9 | -1.275 | 1.750 | -53.9 | 2.165 |
| 248129.0 | 842614.6 | 131.9 | 26.813 | 20.373 | 37.2 | 33.674 | 0.8 | 26.797 | 1.803 | 2.048 | 48.6 | 2.728 | 0.9 | -1.249 | 1.715 | -53.9 | 2.121 |
| 248128.3 | 842613.9 | 131.7 | 26.624 | 20.207 | 37.2 | 33.424 | 0.9 | 26.598 | 1.794 | 2.038 | 48.6 | 2.715 | 0.9 | -1.228 | 1.684 | -53.9 | 2.084 |
| 248127.6 | 842613.2 | 131.6 | 26.431 | 20.038 | 37.2 | 33.168 | 1.0 | 26.394 | 1.785 | 2.029 | 48.7 | 2.702 | 0.8 | -1.207 | 1.653 | -53.9 | 2.047 |
| 248126.9 | 842612.4 | 131.5 | 26.239 | 19.869 | 37.1 | 32.913 | 1.1 | 26.191 | 1.776 | 2.019 | 48.7 | 2.688 | 0.8 | -1.190 | 1.627 | -53.8 | 2.016 |
| 248126.2 | 842611.7 | 131.3 | 26.052 | 19.705 | 37.1 | 32.664 | 1.2 | 25.994 | 1.766 | 2.008 | 48.7 | 2.675 | 0.8 | -1.181 | 1.610 | -53.7 | 1.997 |
| 248125.5 | 842611.0 | 131.2 | 25.868 | 19.544 | 37.1 | 32.421 | 1.2 | 25.800 | 1.756 | 1.998 | 48.7 | 2.660 | 0.8 | -1.179 | 1.601 | -53.6 | 1.988 |
| 248124.8 | 842610.3 | 131.1 | 25.685 | 19.384 | 37.0 | 32.178 | 1.3 | 25.607 | 1.747 | 1.988 | 48.7 | 2.646 | 0.8 | -1.180 | 1.594 | -53.5 | 1.983 |
| 248124.2 | 842609.6 | 131.0 | 25.563 | 19.283 | 37.0 | 32.020 | 1.4 | 25.481 | 1.737 | 1.978 | 48.7 | 2.632 | 0.9 | -1.244 | 1.661 | -53.2 | 2.075 |
| 248123.5 | 842608.9 | 130.9 | 25.452 | 19.192 | 37.0 | 31.877 | 1.4 | 25.367 | 1.728 | 1.968 | 48.7 | 2.619 | 0.9 | -1.321 | 1.741 | -52.8 | 2.185 |
| 248122.8 | 842608.1 | 130.8 | 25.307 | 19.069 | 37.0 | 31.687 | 1.4 | 25.216 | 1.718 | 1.958 | 48.7 | 2.605 | 0.9 | -1.367 | 1.785 | -52.6 | 2.248 |
| 248122.1 | 842607.4 | 130.7 | 25.119 | 18.904 | 37.0 | 31.438 | 1.5 | 25.018 | 1.708 | 1.948 | 48.7 | 2.591 | 0.9 | -1.370 | 1.780 | -52.4 | 2.246 |
| 248121.4 | 842606.7 | 130.5 | 24.932 | 18.740 | 36.9 | 31.190 | 1.6 | 24.820 | 1.698 | 1.937 | 48.8 | 2.576 | 0.9 | -1.375 | 1.776 | -52.3 | 2.246 |
| 248120.7 | 842606.0 | 130.4 | 24.745 | 18.577 | 36.9 | 30.942 | 1.7 | 24.623 | 1.689 | 1.927 | 48.8 | 2.562 | 0.9 | -1.380 | 1.773 | -52.1 | 2.247 |
| 248120.0 | 842605.3 | 130.3 | 24.559 | 18.414 | 36.9 | 30.696 | 1.8 | 24.427 | 1.679 | 1.917 | 48.8 | 2.548 | 0.9 | -1.386 | 1.770 | -51.9 | 2.248 |
| 248119.3 | 842604.5 | 130.2 | 24.374 | 18.252 | 36.8 | 30.450 | 1.8 | 24.231 | 1.669 | 1.907 | 48.8 | 2.534 | 0.9 | -1.392 | 1.767 | -51.8 | 2.249 |
| 248118.6 | 842603.8 | 130.0 | 24.189 | 18.090 | 36.8 | 30.205 | 1.9 | 24.037 | 1.660 | 1.897 | 48.8 | 2.520 | 0.9 | -1.397 | 1.763 | -51.6 | 2.250 |
| 248117.9 | 842603.1 | 129.9 | 24.005 | 17.929 | 36.8 | 29.962 | 2.0 | 23.843 | 1.650 | 1.887 | 48.8 | 2.507 | 0.9 | -1.403 | 1.759 | -51.4 | 2.249 |
| 248117.2 | 842602.4 | 129.8 | 23.816 | 17.764 | 36.7 | 29.711 | 2.1 | 23.644 | 1.641 | 1.877 | 48.8 | 2.493 | 0.9 | -1.402 | 1.746 | -51.2 | 2.239 |
| 248116.5 | 842601.7 | 129.6 | 23.604 | 17.577 | 36.7 | 29.429 | 2.2 | 23.419 | 1.632 | 1.867 | 48.8 | 2.480 | 0.9 | -1.376 | 1.705 | -51.1 | 2.190 |
| 248115.8 | 842601.0 | 129.5 | 23.420 | 17.416 | 36.6 | 29.185 | 2.2 | 23.225 | 1.623 | 1.858 | 48.9 | 2.467 | 0.9 | -1.376 | 1.693 | -50.9 | 2.182 |
| 248115.1 | 842600.2 | 129.4 | 23.262 | 17.280 | 36.6 | 28.977 | 2.3 | 23.059 | 1.614 | 1.849 | 48.9 | 2.454 | 0.9 | -1.402 | 1.711 | -50.7 | 2.211 |
| 248114.4 | 842599.5 | 129.3 | 23.112 | 17.152 | 36.6 | 28.781 | 2.4 | 22.903 | 1.606 | 1.840 | 48.9 | 2.442 | 0.9 | -1.434 | 1.735 | -50.4 | 2.251 |
| 248113.7 | 842598.8 | 129.2 | 22.962 | 17.023 | 36.6 | 28.584 | 2.4 | 22.746 | 1.598 | 1.831 | 48.9 | 2.431 | 0.9 | -1.464 | 1.758 | -50.2 | 2.288 |
| 248113.0 | 842598.1 | 129.1 | 22.813 | 16.896 | 36.5 | 28.388 | 2.5 | 22.590 | 1.590 | 1.823 | 48.9 | 2.419 | 0.9 | -1.493 | 1.778 | -50.0 | 2.322 |
| 248112.3 | 842597.4 | 128.9 | 22.663 | 16.768 | 36.5 | 28.192 | 2.5 | 22.435 | 1.582 | 1.815 | 48.9 | 2.408 | 0.9 | -1.520 | 1.796 | -49.8 | 2.353 |
| 248111.6 | 842596.6 | 128.8 | 22.530 | 16.655 | 36.5 | 28.018 | 2.6 | 22.296 | 1.575 | 1.807 | 48.9 | 2.397 | 0.9 | -1.562 | 1.830 | -49.5 | 2.406 |
| 248110.9 | 842595.9 | 128.7 | 22.391 | 16.537 | 36.4 | 27.836 | 2.6 | 22.151 | 1.567 | 1.799 | 48.9 | 2.386 | 0.9 | -1.595 | 1.855 | -49.3 | 2.447 |
| 248110.2 | 842595.2 | 128.6 | 22.242 | 16.410 | 36.4 | 27.640 | 2.7 | 21.995 | 1.559 | 1.791 | 48.9 | 2.374 | 0.9 | -1.616 | 1.866 | -49.1 | 2.469 |
| 248109.5 | 842594.5 | 128.5 | 22.116 | 16.304 | 36.4 | 27.476 | 2.7 | 21.864 | 1.552 | 1.783 | 49.0 | 2.364 | 0.9 | -1.660 | 1.902 | -48.9 | 2.524 |
| 248108.8 | 842593.8 | 128.4 | 21.989 | 16.197 | 36.4 | 27.310 | 2.8 | 21.733 | 1.545 | 1.775 | 49.0 | 2.353 | 0.9 | -1.700 | 1.935 | -48.7 | 2.576 |
| 248108.1 | 842593.1 | 128.3 | 21.862 | 16.090 | 36.4 | 27.144 | 2.8 | 21.601 | 1.538 | 1.767 | 49.0 | 2.343 | 0.9 | -1.739 | 1.966 | -48.5 | 2.624 |
| 248107.4 | 842592.3 | 128.2 | 21.734 | 15.983 | 36.3 | 26.978 | 2.9 | 21.469 | 1.531 | 1.760 | 49.0 | 2.332 | 0.9 | -1.776 | 1.995 | -48.3 | 2.670 |
| 248106.8 | 842591.6 | 128.2 | 21.607 | 15.876 | 36.3 | 26.812 | 2.9 | 21.337 | 1.524 | 1.752 | 49.0 | 2.321 | 0.8 | -1.811 | 2.022 | -48.2 | 2.714 |
| 248106.1 | 842590.9 | 128.1 | 21.480 | 15.769 | 36.3 | 26.647 | 3.0 | 21.205 | 1.516 | 1.744 | 49.0 | 2.311 | 0.8 | -1.845 | 2.048 | -48.0 | 2.756 |
| 248105.4 | 842590.2 | 128.0 | 21.353 | 15.662 | 36.3 | 26.481 | 3.0 | 21.073 | 1.509 | 1.735 | 49.0 | 2.300 | 0.8 | -1.877 | 2.072 | -47.8 | 2.796 |
| 248104.7 | 842589.5 | 127.8 | 21.174 | 15.506 | 36.2 | 26.244 | 3.1 | 20.885 | 1.501 | 1.726 | 49.0 | 2.288 | 0.8 | -1.852 | 2.030 | -47.6 | 2.748 |
| 248104.0 | 842588.7 | 127.7 | 20.976 | 15.333 | 36.2 | 25.982 | 3.2 | 20.676 | 1.493 | 1.717 | 49.0 | 2.275 | 0.8 | -1.804 | 1.963 | -47.4 | 2.666 |
| 248103.3 | 842588.0 | 127.5 | 20.769 | 15.153 | 36.1 | 25.709 | 3.3 | 20.459 | 1.484 | 1.707 | 49.0 | 2.262 | 0.7 | -1.746 | 1.883 | -47.2 | 2.568 |
| 248102.6 | 842587.3 | 127.4 | 20.562 | 14.972 | 36.1 | 25.435 | 3.3 | 20.241 | 1.476 | 1.697 | 49.0 | 2.249 | 0.7 | -1.684 | 1.800 | -46.9 | 2.465 |
| 248101.9 | 842586.6 | 127.2 | 20.354 | 14.790 | 36.0 | 25.160 | 3.4 | 20.022 | 1.467 | 1.687 | 49.0 | 2.235 | 0.7 | -1.619 | 1.714 | -46.6 | 2.357 |
| 248101.2 | 842585.9 | 127.1 | 20.140 | 14.604 | 35.9 | 24.878 | 3.5 | 19.797 | 1.458 | 1.676 | 49.0 | 2.222 | 0.6 | -1.545 | 1.618 | -46.3 | 2.237 |
| 248100.5 | 842585.2 | 126.9 | 19.943 | 14.432 | 35.9 | 24.618 | 3.6 | 19.590 | 1.449 | 1.666 | 49.0 | 2.208 | 0.6 | -1.487 | 1.541 | -46.0 | 2.141 |
| 248099.8 | 842584.4 | 126.8 | 19.823 | 14.332 | 35.9 | 24.461 | 3.6 | 19.466 | 1.442 | 1.657 | 49.0 | 2.196 | 0.6 | -1.514 | 1.562 | -45.9 | 2.175 |
| 248099.1 | 842583.7 | 126.7 | 19.725 | 14.253 | 35.9 | 24.336 | 3.7 | 19.366 | 1.434 | 1.648 | 49.0 | 2.184 | 0.6 | -1.564 | 1.610 | -45.8 | 2.245 |
| 248098.4 | 842583.0 | 126.6 | 19.587 | 14.136 | 35.8 | 24.155 | 3.7 | 19.222 | 1.426 | 1.638 | 49.0 | 2.172 | 0.6 | -1.567 | 1.603 | -45.7 | 2.242 |
| 248097.7 | 842582.3 | 126.5 | 19.405 | 13.979 | 35.8 | 23.916 | 3.8 | 19.032 | 1.417 | 1.628 | 49.0 | 2.159 | 0.6 | -1.518 | 1.538 | -45.4 | 2.161 |
| 248097.0 | 842581.6 | 126.3 | 19.215 | 13.815 | 35.7 | 23.665 | 3.9 | 18.832 | 1.409 | 1.618 | 48.9 | 2.145 | 0.5 | -1.455 | 1.457 | -45.0 | 2.059 |
| 248096.3 | 842580.8 | 126.1 | 18.983 | 13.613 | 35.6 | 23.360 | 4.0 | 18.589 | 1.400 | 1.607 | 48.9 | 2.131 | 0.5 | -1.343 | 1.319 | -44.5 | 1.883 |
| 248095.6 | 842580.1 | 126.0 | 18.769 | 13.428 | 35.6 | 23.077 | 4.1 | 18.364 | 1.391 | 1.597 | 48.9 | 2.118 | 0.5 | -1.246 | 1.199 | -43.9 | 1.729 |
| 248094.9 | 842579.4 | 125.9 | 18.642 | 13.322 | 35.5 | 22.913 | 4.1 | 18.234 | 1.383 | 1.587 | 48.9 | 2.106 | 0.5 | -1.248 | 1.194 | -43.7 | 1.727 |
| 248094.2 | 842578.7 | 125.8 | 18.516 | 13.217 | 35.5 | 22.749 | 4.2 | 18.103 | 1.376 | 1.578 | 48.9 | 2.094 | 0.5 | -1.247 | 1.185 | -43.5 | 1.721 |
| 248093.5 | 842578.0 | 125.7 | 18.393 | 13.114 | 35.5 | 22.589 | 4.2 | 17.976 | 1.369 | 1.570 | 48.9 | 2.083 | 0.5 | -1.247 | 1.177 | -43.3 | 1.714 |
| 248092.8 | 842577.3 | 125.6 | 18.277 | 13.018 | 35.5 | 22.439 | 4.2 | 17.856 | 1.362 | 1.561 | 48.9 | 2.072 | 0.5 | -1.251 | 1.175 | -43.2 | 1.716 |
| 248092.1 | 842576.5 | 125.5 | 18.161 | 12.922 | 35.4 | 22.290 | 4.3 | 17.738 | 1.355 | 1.553 | 48.9 | 2.061 | 0.5 | -1.253 | 1.169 | -43.0 | 1.714 |
| 248091.4 | 842575.8 | 125.4 | 18.046 | 12.827 | 35.4 | 22.141 | 4.3 | 17.619 | 1.348 | 1.546 | 48.9 | 2.051 | 0.5 | -1.251 | 1.159 | -42.8 | 1.706 |
| 248090.7 | 842575.1 | 125.3 | 17.931 | 12.732 | 35.4 | 21.992 | 4.4 | 17.500 | 1.342 | 1.538 | 48.9 | 2.041 | 0.5 | -1.245 | 1.146 | -42.6 | 1.692 |
| 248090.0 | 842574.4 | 125.2 | 17.825 | 12.645 | 35.4 | 21.855 | 4.4 | 17.391 | 1.336 | 1.531 | 48.9 | 2.032 | 0.5 | -1.246 | 1.139 | -42.4 | 1.688 |
| 248089.4 | 842573.7 | 125.1 | 17.721 | 12.559 | 35.3 | 21.720 | 4.4 | 17.284 | 1.330 | 1.524 | 48.9 | 2.023 | 0.5 | -1.244 | 1.130 | -42.3 | 1.681 |
| 248088.7 | 842573.0 | 125.0 | 17.619 | 12.476 | 35.3 | 21.589 | 4.5 | 17.180 | 1.325 | 1.518 | 48.9 | 2.015 | 0.5 | -1.241 | 1.120 | -42.1 | 1.672 |
| 248088.0 | 842572.2 | 124.9 | 17.517 | 12.392 | 35.3 | 21.457 | 4.5 | 17.075 | 1.320 | 1.512 | 48.9 | 2.007 | 0.5 | -1.234 | 1.104 | -41.8 | 1.655 |
| 248087.3 | 842571.5 | 124.8 | 17.405 | 12.300 | 35.2 | 21.312 | 4.5 | 16.960 | 1.315 | 1.506 | 48.9 | 1.999 | 0.6 | -1.210 | 1.070 | -41.5 | 1.615 |
| 248086.6 | 842570.8 | 124.8 | 17.293 | 12.208 | 35.2 | 21.168 | 4.6 | 16.845 | 1.310 | 1.500 | 48.9 | 1.992 | 0.6 | -1.182 | 1.031 | -41.1 | 1.568 |
| 248085.9 | 842570.1 | 124.7 | 17.182 | 12.116 | 35.2 | 21.024 | 4.6 | 16.730 | 1.305 | 1.495 | 48.9 | 1.985 | 0.6 | -1.149 | 0.987 | -40.7 | 1.515 |
| 248085.2 | 842569.4 | 124.6 | 17.099 | 12.050 | 35.2 | 20.918 | 4.6 | 16.646 | 1.301 | 1.490 | 48.9 | 1.978 | 0.6 | -1.147 | 0.979 | -40.5 | 1.508 |
| 248084.5 | 842568.6 | 124.5 | 17.016 | 11.983 | 35.2 | 20.812 | 4.7 | 16.562 | 1.297 | 1.486 | 48.9 | 1.973 | 0.6 | -1.141 | 0.965 | -40.2 | 1.494 |
| 248083.8 | 842567.9 | 124.5 | 16.932 | 11.916 | 35.1 | 20.705 | 4.7 | 16.476 | 1.294 | 1.482 | 48.9 | 1.967 | 0.6 | -1.128 | 0.945 | -40.0 | 1.472 |
| 248083.1 | 842567.2 | 124.4 | 16.851 | 11.852 | 35.1 | 20.601 | 4.7 | 16.394 | 1.291 | 1.478 | 48.9 | 1.962 | 0.6 | -1.115 | 0.925 | -39.7 | 1.448 |
| 248082.4 | 842566.5 | 124.3 | 16.774 | 11.790 | 35.1 | 20.503 | 4.7 | 16.316 | 1.287 | 1.474 | 48.9 | 1.957 | 0.6 | -1.102 | 0.904 | -39.4 | 1.425 |
| 248081.7 | 842565.8 | 124.3 | 16.697 | 11.729 | 35.1 | 20.404 | 4.8 | 16.237 | 1.285 | 1.471 | 48.9 | 1.953 | 0.6 | -1.083 | 0.879 | -39.0 | 1.395 |
| 248081.0 | 842565.1 | 124.2 | 16.619 | 11.667 | 35.1 | 20.305 | 4.8 | 16.158 | 1.282 | 1.468 | 48.9 | 1.949 | 0.6 | -1.061 | 0.848 | -38.7 | 1.358 |
| 248080.3 | 842564.3 | 124.2 | 16.541 | 11.605 | 35.1 | 20.206 | 4.8 | 16.079 | 1.280 | 1.465 | 48.9 | 1.945 | 0.6 | -1.033 | 0.812 | -38.2 | 1.314 |
| 248079.6 | 842563.6 | 124.1 | 16.463 | 11.543 | 35.0 | 20.107 | 4.8 | 16.000 | 1.278 | 1.462 | 48.9 | 1.942 | 0.6 | -1.000 | 0.771 | -37.6 | 1.263 |
| 248078.9 | 842562.9 | 124.0 | 16.385 | 11.481 | 35.0 | 20.007 | 4.8 | 15.921 | 1.276 | 1.460 | 48.9 | 1.939 | 0.6 | -0.963 | 0.725 | -37.0 | 1.205 |

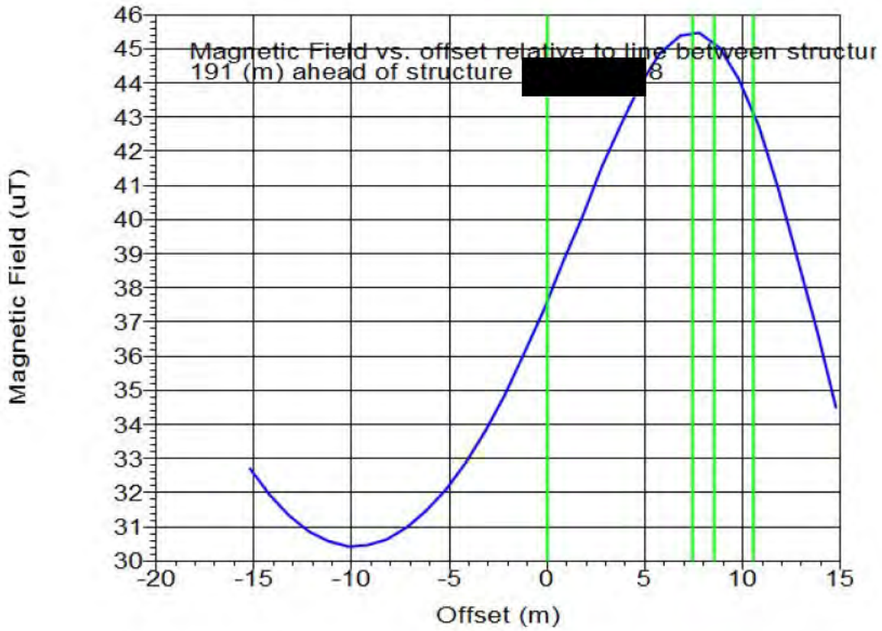
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248078.2 | 842562.2 | 124.0 | 16.338 | 11.446 | 35.0 | 19.948 | 4.9 | 15.874 | 1.274 | 1.458 | 48.9 | 1.937 | 0.6 | -0.959 | 0.717 | -36.8 | 1.198 |
| 248077.5 | 842561.5 | 124.0 | 16.319 | 11.436 | 35.0 | 19.927 | 4.8 | 15.857 | 1.274 | 1.458 | 48.8 | 1.936 | 0.6 | -0.988 | 0.746 | -37.1 | 1.238 |
| 248076.8 | 842560.7 | 124.0 | 16.299 | 11.425 | 35.0 | 19.905 | 4.8 | 15.840 | 1.273 | 1.457 | 48.8 | 1.935 | 0.7 | -1.011 | 0.770 | -37.3 | 1.271 |
| 248076.1 | 842560.0 | 124.0 | 16.279 | 11.414 | 35.0 | 19.882 | 4.8 | 15.821 | 1.273 | 1.457 | 48.8 | 1.935 | 0.7 | -1.029 | 0.788 | -37.4 | 1.296 |
| 248075.4 | 842559.3 | 124.0 | 16.258 | 11.403 | 35.0 | 19.858 | 4.8 | 15.802 | 1.273 | 1.457 | 48.8 | 1.935 | 0.7 | -1.042 | 0.800 | -37.5 | 1.314 |
| 248074.7 | 842558.6 | 124.0 | 16.266 | 11.417 | 35.1 | 19.873 | 4.8 | 15.815 | 1.274 | 1.458 | 48.8 | 1.936 | 0.7 | -1.088 | 0.850 | -38.0 | 1.381 |
| 248074.0 | 842557.9 | 124.1 | 16.324 | 11.476 | 35.1 | 19.954 | 4.8 | 15.879 | 1.276 | 1.460 | 48.8 | 1.939 | 0.7 | -1.192 | 0.967 | -39.0 | 1.535 |
| 248073.3 | 842557.2 | 124.2 | 16.364 | 11.518 | 35.1 | 20.011 | 4.7 | 15.925 | 1.278 | 1.462 | 48.8 | 1.941 | 0.8 | -1.269 | 1.053 | -39.7 | 1.650 |
| 248072.6 | 842556.4 | 124.2 | 16.342 | 11.505 | 35.1 | 19.985 | 4.7 | 15.904 | 1.279 | 1.463 | 48.8 | 1.943 | 0.8 | -1.263 | 1.044 | -39.6 | 1.639 |
| 248072.0 | 842555.7 | 124.2 | 16.326 | 11.498 | 35.2 | 19.969 | 4.7 | 15.891 | 1.281 | 1.465 | 48.8 | 1.946 | 0.8 | -1.261 | 1.041 | -39.5 | 1.635 |
| 248071.3 | 842555.0 | 124.2 | 16.294 | 11.477 | 35.2 | 19.930 | 4.7 | 15.860 | 1.282 | 1.467 | 48.8 | 1.948 | 0.8 | -1.234 | 1.008 | -39.2 | 1.594 |
| 248070.6 | 842554.3 | 124.2 | 16.261 | 11.454 | 35.2 | 19.890 | 4.7 | 15.828 | 1.284 | 1.469 | 48.8 | 1.951 | 0.8 | -1.201 | 0.969 | -38.9 | 1.543 |
| 248069.9 | 842553.6 | 124.1 | 16.227 | 11.431 | 35.2 | 19.849 | 4.7 | 15.795 | 1.286 | 1.471 | 48.8 | 1.954 | 0.8 | -1.163 | 0.924 | -38.5 | 1.486 |
| 248069.2 | 842552.8 | 124.1 | 16.193 | 11.407 | 35.2 | 19.807 | 4.7 | 15.762 | 1.288 | 1.474 | 48.8 | 1.958 | 0.8 | -1.120 | 0.874 | -38.0 | 1.421 |
| 248068.5 | 842552.1 | 124.1 | 16.158 | 11.383 | 35.2 | 19.765 | 4.7 | 15.728 | 1.291 | 1.477 | 48.8 | 1.962 | 0.9 | -1.073 | 0.819 | -37.4 | 1.349 |
| 248067.8 | 842551.4 | 124.2 | 16.212 | 11.438 | 35.2 | 19.840 | 4.7 | 15.789 | 1.295 | 1.482 | 48.8 | 1.968 | 0.9 | -1.136 | 0.891 | -38.1 | 1.443 |
| 248067.1 | 842550.7 | 124.3 | 16.276 | 11.502 | 35.2 | 19.930 | 4.7 | 15.860 | 1.300 | 1.487 | 48.8 | 1.976 | 0.9 | -1.208 | 0.974 | -38.9 | 1.552 |
| 248066.4 | 842550.0 | 124.4 | 16.302 | 11.532 | 35.3 | 19.969 | 4.6 | 15.891 | 1.304 | 1.492 | 48.8 | 1.982 | 0.9 | -1.229 | 0.997 | -39.1 | 1.583 |
| 248065.7 | 842549.3 | 124.4 | 16.328 | 11.562 | 35.3 | 20.007 | 4.6 | 15.921 | 1.309 | 1.498 | 48.8 | 1.989 | 0.9 | -1.246 | 1.017 | -39.2 | 1.608 |
| 248065.0 | 842548.5 | 124.5 | 16.353 | 11.592 | 35.3 | 20.045 | 4.6 | 15.951 | 1.314 | 1.503 | 48.8 | 1.997 | 1.0 | -1.259 | 1.033 | -39.4 | 1.629 |
| 248064.3 | 842547.8 | 124.5 | 16.372 | 11.616 | 35.4 | 20.074 | 4.6 | 15.975 | 1.319 | 1.509 | 48.8 | 2.004 | 1.0 | -1.262 | 1.037 | -39.4 | 1.633 |
| 248063.6 | 842547.1 | 124.6 | 16.432 | 11.676 | 35.4 | 20.158 | 4.5 | 16.041 | 1.324 | 1.515 | 48.8 | 2.012 | 1.0 | -1.314 | 1.099 | -39.9 | 1.713 |
| 248062.9 | 842546.4 | 124.7 | 16.467 | 11.715 | 35.4 | 20.209 | 4.5 | 16.082 | 1.330 | 1.521 | 48.8 | 2.020 | 1.0 | -1.334 | 1.123 | -40.1 | 1.744 |
| 248062.2 | 842545.7 | 124.8 | 16.537 | 11.785 | 35.5 | 20.306 | 4.5 | 16.159 | 1.335 | 1.528 | 48.8 | 2.029 | 1.0 | -1.396 | 1.196 | -40.6 | 1.839 |
| 248061.5 | 842544.9 | 125.0 | 16.738 | 11.974 | 35.6 | 20.580 | 4.3 | 16.377 | 1.343 | 1.536 | 48.8 | 2.041 | 1.1 | -1.626 | 1.462 | -42.0 | 2.187 |
| 248060.8 | 842544.2 | 125.1 | 16.842 | 12.075 | 35.6 | 20.724 | 4.3 | 16.492 | 1.350 | 1.543 | 48.8 | 2.050 | 1.1 | -1.730 | 1.584 | -42.5 | 2.346 |
| 248060.1 | 842543.5 | 125.2 | 16.839 | 12.080 | 35.7 | 20.724 | 4.3 | 16.491 | 1.354 | 1.548 | 48.8 | 2.057 | 1.1 | -1.697 | 1.550 | -42.4 | 2.298 |
| 248059.4 | 842542.8 | 125.2 | 16.879 | 12.122 | 35.7 | 20.781 | 4.2 | 16.537 | 1.359 | 1.554 | 48.8 | 2.064 | 1.1 | -1.718 | 1.579 | -42.6 | 2.333 |
| 248058.7 | 842542.1 | 125.3 | 16.925 | 12.172 | 35.7 | 20.848 | 4.2 | 16.590 | 1.364 | 1.559 | 48.8 | 2.072 | 1.1 | -1.749 | 1.619 | -42.8 | 2.383 |
| 248058.0 | 842541.4 | 125.4 | 16.995 | 12.242 | 35.8 | 20.945 | 4.2 | 16.667 | 1.370 | 1.565 | 48.8 | 2.079 | 1.1 | -1.809 | 1.693 | -43.1 | 2.477 |
| 248057.3 | 842540.6 | 125.5 | 17.028 | 12.280 | 35.8 | 20.994 | 4.1 | 16.706 | 1.374 | 1.569 | 48.8 | 2.086 | 1.1 | -1.824 | 1.717 | -43.3 | 2.505 |
| 248056.6 | 842539.9 | 125.5 | 17.060 | 12.316 | 35.8 | 21.041 | 4.1 | 16.744 | 1.378 | 1.573 | 48.8 | 2.092 | 1.1 | -1.839 | 1.741 | -43.4 | 2.533 |
| 248055.9 | 842539.2 | 125.6 | 17.041 | 12.306 | 35.8 | 21.020 | 4.1 | 16.727 | 1.382 | 1.576 | 48.8 | 2.096 | 1.1 | -1.791 | 1.693 | -43.4 | 2.465 |
| 248055.2 | 842538.5 | 125.5 | 16.987 | 12.263 | 35.8 | 20.951 | 4.1 | 16.672 | 1.384 | 1.579 | 48.8 | 2.100 | 1.1 | -1.699 | 1.596 | -43.2 | 2.331 |
| 248054.6 | 842537.8 | 125.5 | 16.933 | 12.220 | 35.8 | 20.882 | 4.1 | 16.617 | 1.386 | 1.581 | 48.7 | 2.102 | 1.1 | -1.607 | 1.501 | -43.0 | 2.199 |
| 248053.9 | 842537.0 | 125.6 | 16.918 | 12.213 | 35.8 | 20.866 | 4.1 | 16.604 | 1.389 | 1.583 | 48.7 | 2.106 | 1.1 | -1.569 | 1.466 | -43.1 | 2.148 |
| 248053.2 | 842536.3 | 125.6 | 16.908 | 12.211 | 35.8 | 20.857 | 4.1 | 16.597 | 1.391 | 1.584 | 48.7 | 2.108 | 1.1 | -1.540 | 1.443 | -43.1 | 2.111 |
| 248052.5 | 842535.6 | 125.6 | 16.898 | 12.209 | 35.8 | 20.847 | 4.1 | 16.589 | 1.393 | 1.585 | 48.7 | 2.111 | 1.1 | -1.513 | 1.422 | -43.2 | 2.077 |
| 248051.8 | 842534.9 | 125.7 | 16.892 | 12.210 | 35.9 | 20.843 | 4.1 | 16.586 | 1.395 | 1.586 | 48.7 | 2.112 | 1.1 | -1.494 | 1.411 | -43.4 | 2.055 |
| 248051.1 | 842534.2 | 125.7 | 16.887 | 12.212 | 35.9 | 20.840 | 4.1 | 16.584 | 1.396 | 1.587 | 48.7 | 2.114 | 1.1 | -1.478 | 1.403 | -43.5 | 2.038 |
| 248050.4 | 842533.5 | 125.7 | 16.880 | 12.212 | 35.9 | 20.835 | 4.1 | 16.580 | 1.397 | 1.587 | 48.6 | 2.115 | 1.1 | -1.464 | 1.398 | -43.7 | 2.024 |
| 248049.7 | 842532.7 | 125.8 | 16.864 | 12.204 | 35.9 | 20.816 | 4.1 | 16.565 | 1.398 | 1.587 | 48.6 | 2.115 | 1.0 | -1.439 | 1.380 | -43.8 | 1.994 |
| 248049.0 | 842532.0 | 125.8 | 16.836 | 12.185 | 35.9 | 20.783 | 4.1 | 16.539 | 1.398 | 1.586 | 48.6 | 2.115 | 1.0 | -1.402 | 1.349 | -43.9 | 1.946 |
| 248048.3 | 842531.3 | 125.8 | 16.847 | 12.202 | 35.9 | 20.801 | 4.1 | 16.553 | 1.399 | 1.586 | 48.6 | 2.115 | 1.0 | -1.418 | 1.379 | -44.2 | 1.978 |
| 248047.6 | 842530.6 | 125.9 | 16.857 | 12.218 | 35.9 | 20.819 | 4.1 | 16.567 | 1.399 | 1.585 | 48.6 | 2.114 | 1.0 | -1.436 | 1.410 | -44.5 | 2.013 |
| 248046.9 | 842529.9 | 125.9 | 16.866 | 12.233 | 36.0 | 20.836 | 4.1 | 16.581 | 1.399 | 1.584 | 48.6 | 2.114 | 1.0 | -1.456 | 1.443 | -44.7 | 2.050 |
| 248046.2 | 842529.1 | 126.0 | 16.875 | 12.248 | 36.0 | 20.851 | 4.1 | 16.593 | 1.399 | 1.583 | 48.5 | 2.113 | 1.0 | -1.477 | 1.477 | -45.0 | 2.089 |
| 248045.5 | 842528.4 | 126.0 | 16.803 | 12.188 | 36.0 | 20.758 | 4.1 | 16.519 | 1.398 | 1.581 | 48.5 | 2.111 | 1.0 | -1.394 | 1.392 | -45.0 | 1.970 |
| 248044.8 | 842527.7 | 125.9 | 16.724 | 12.122 | 35.9 | 20.656 | 4.1 | 16.437 | 1.396 | 1.579 | 48.5 | 2.108 | 0.9 | -1.303 | 1.299 | -44.9 | 1.840 |
| 248044.1 | 842527.0 | 126.0 | 16.691 | 12.098 | 35.9 | 20.614 | 4.1 | 16.404 | 1.395 | 1.577 | 48.5 | 2.106 | 0.9 | -1.274 | 1.275 | -45.0 | 1.803 |
| 248043.4 | 842526.3 | 126.0 | 16.673 | 12.088 | 35.9 | 20.594 | 4.1 | 16.388 | 1.394 | 1.575 | 48.5 | 2.104 | 0.9 | -1.268 | 1.278 | -45.2 | 1.800 |
| 248042.7 | 842525.6 | 126.0 | 16.646 | 12.070 | 35.9 | 20.562 | 4.1 | 16.363 | 1.393 | 1.573 | 48.5 | 2.101 | 0.9 | -1.252 | 1.268 | -45.4 | 1.782 |
| 248042.0 | 842524.8 | 126.0 | 16.613 | 12.045 | 35.9 | 20.520 | 4.1 | 16.329 | 1.391 | 1.571 | 48.5 | 2.099 | 0.9 | -1.229 | 1.249 | -45.5 | 1.752 |
| 248041.3 | 842524.1 | 126.0 | 16.578 | 12.020 | 35.9 | 20.478 | 4.1 | 16.296 | 1.390 | 1.569 | 48.5 | 2.096 | 0.9 | -1.205 | 1.230 | -45.6 | 1.722 |
| 248040.6 | 842523.4 | 126.1 | 16.556 | 12.006 | 35.9 | 20.451 | 4.1 | 16.274 | 1.388 | 1.567 | 48.5 | 2.093 | 0.9 | -1.199 | 1.231 | -45.7 | 1.718 |
| 248039.9 | 842522.7 | 126.1 | 16.541 | 11.998 | 36.0 | 20.434 | 4.1 | 16.261 | 1.387 | 1.565 | 48.5 | 2.091 | 0.9 | -1.204 | 1.243 | -45.9 | 1.730 |
| 248039.2 | 842522.0 | 126.1 | 16.519 | 11.985 | 36.0 | 20.408 | 4.1 | 16.241 | 1.385 | 1.563 | 48.5 | 2.088 | 0.9 | -1.201 | 1.246 | -46.1 | 1.730 |
| 248038.5 | 842521.3 | 126.2 | 16.495 | 11.969 | 36.0 | 20.379 | 4.1 | 16.217 | 1.383 | 1.560 | 48.4 | 2.085 | 0.9 | -1.195 | 1.246 | -46.2 | 1.726 |
| 248037.8 | 842520.5 | 126.2 | 16.470 | 11.952 | 36.0 | 20.350 | 4.1 | 16.194 | 1.382 | 1.558 | 48.4 | 2.083 | 0.9 | -1.189 | 1.245 | -46.3 | 1.721 |
| 248037.2 | 842519.8 | 126.2 | 16.381 | 11.877 | 35.9 | 20.234 | 4.2 | 16.102 | 1.379 | 1.555 | 48.4 | 2.079 | 0.9 | -1.097 | 1.146 | -46.3 | 1.587 |
| 248036.5 | 842519.1 | 126.2 | 16.337 | 11.842 | 35.9 | 20.177 | 4.2 | 16.056 | 1.377 | 1.553 | 48.4 | 2.075 | 0.8 | -1.064 | 1.115 | -46.3 | 1.541 |
| 248035.8 | 842518.4 | 126.2 | 16.310 | 11.823 | 35.9 | 20.144 | 4.2 | 16.030 | 1.375 | 1.551 | 48.4 | 2.073 | 0.8 | -1.056 | 1.110 | -46.4 | 1.532 |
| 248035.1 | 842517.7 | 126.2 | 16.274 | 11.797 | 35.9 | 20.100 | 4.2 | 15.995 | 1.373 | 1.549 | 48.4 | 2.070 | 0.8 | -1.036 | 1.093 | -46.5 | 1.506 |
| 248034.4 | 842516.9 | 126.2 | 16.210 | 11.744 | 35.9 | 20.018 | 4.2 | 15.929 | 1.371 | 1.546 | 48.4 | 2.067 | 0.8 | -0.977 | 1.030 | -46.5 | 1.419 |
| 248033.7 | 842516.2 | 126.2 | 16.185 | 11.727 | 35.9 | 19.987 | 4.2 | 15.905 | 1.370 | 1.544 | 48.4 | 2.064 | 0.8 | -0.969 | 1.026 | -46.6 | 1.411 |
| 248033.0 | 842515.5 | 126.3 | 16.196 | 11.744 | 35.9 | 20.006 | 4.2 | 15.920 | 1.369 | 1.543 | 48.4 | 2.063 | 0.8 | -1.011 | 1.078 | -46.8 | 1.478 |
| 248032.3 | 842514.8 | 126.4 | 16.191 | 11.745 | 36.0 | 20.003 | 4.2 | 15.918 | 1.368 | 1.542 | 48.4 | 2.061 | 0.8 | -1.030 | 1.103 | -47.0 | 1.509 |
| 248031.6 | 842514.1 | 126.4 | 16.178 | 11.739 | 36.0 | 19.988 | 4.2 | 15.906 | 1.366 | 1.540 | 48.4 | 2.059 | 0.8 | -1.036 | 1.114 | -47.1 | 1.521 |
| 248030.9 | 842513.4 | 126.4 | 16.135 | 11.705 | 36.0 | 19.933 | 4.2 | 15.863 | 1.365 | 1.539 | 48.4 | 2.057 | 0.8 | -1.001 | 1.077 | -47.1 | 1.470 |
| 248030.2 | 842512.6 | 126.5 | 16.091 | 11.671 | 36.0 | 19.878 | 4.2 | 15.819 | 1.364 | 1.537 | 48.4 | 2.055 | 0.8 | -0.964 | 1.038 | -47.1 | 1.417 |
| 248029.5 | 842511.9 | 126.5 | 16.053 | 11.642 | 35.9 | 19.831 | 4.2 | 15.781 | 1.363 | 1.536 | 48.4 | 2.053 | 0.8 | -0.932 | 1.006 | -47.2 | 1.371 |
| 248028.8 | 842511.2 | 126.6 | 16.108 | 11.698 | 36.0 | 19.907 | 4.2 | 15.842 | 1.363 | 1.536 | 48.4 | 2.054 | 0.8 | -1.025 | 1.114 | -47.4 | 1.514 |
| 248028.1 | 842510.5 | 126.7 | 16.124 | 11.719 | 36.0 | 19.933 | 4.2 | 15.862 | 1.363 | 1.536 | 48.4 | 2.054 | 0.8 | -1.065 | 1.162 | -47.5 | 1.576 |
| 248027.4 | 842509.8 | 126.7 | 16.140 | 11.739 | 36.0 | 19.958 | 4.1 | 15.882 | 1.363 | 1.536 | 48.4 | 2.054 | 0.8 | -1.102 | 1.206 | -47.6 | 1.633 |
| 248026.7 | 842509.0 | 126.8 | 16.107 | 11.715 | 36.0 | 19.917 | 4.1 | 15.849 | 1.363 | 1.536 | 48.4 | 2.053 | 0.8 | -1.070 | 1.173 | -47.6 | 1.588 |
| 248026.0 | 842508.3 | 126.8 | 16.063 | 11.680 | 36.0 | 19.860 | 4.2 | 15.804 | 1.362 | 1.536 | 48.4 | 2.053 | 0.7 | -1.020 | 1.119 | -47.6 | 1.514 |
| 248025.3 | 842507.6 | 126.8 | 16.033 | 11.658 | 36.0 | 19.823 | 4.2 | 15.775 | 1.362 | 1.536 | 48.4 | 2.053 | 0.7 | -0.989 | 1.085 | -47.7 | 1.468 |
| 248024.6 | 842506.9 | 126.9 | 16.014 | 11.647 | 36.0 | 19.801 | 4.2 | 15.758 | 1.362 | 1.536 | 48.4 | 2.053 | 0.7 | -0.970 | 1.065 | -47.7 | 1.440 |
| 248023.9 | 842506.2 | 126.9 | 16.001 | 11.640 | 36.0 | 19.787 | 4.2 | 15.746 | 1.363 | 1.537 | 48.4 | 2.054 | 0.7 | -0.956 | 1.051 | -47.7 | 1.420 |
| 248023.2 | 842505.5 | 127.0 | 16.004 | 11.649 | 36.0 | 19.795 | 4.2 | 15.752 | 1.364 | 1.538 | 48.4 | 2.056 | 0.7 | -0.962 | 1.059 | -47.7 | 1.431 |
| 248022.5 | 842504.7 | 127.1 | 16.041 | 11.689 | 36.1 | 19.848 | 4.1 | 15.795 | 1.365 | 1.540 | 48.5 | 2.058 | 0.7 | -1.012 | 1.116 | -47.8 | 1.507 |
| 248021.8 | 842504.0 | 127.2 | 16.078 | 11.728 | 36.1 | 19.901 | 4.1 | 15.837 | 1.367 | 1.543 | 48.5 | 2.061 | 0.7 | -1.059 | 1.169 | -47.8 | 1.577 |
| 248021.1 | 842503.3 | 127.3 | 16.114 | 11.767 | 36.1 | 19.954 | 4.1 | 15.878 | 1.369 | 1.545 | 48.5 | 2.064 | 0.7 | -1.102 | 1.218 | -47.9 | 1.642 |
| 248020.4 | 842502.6 | 127.4 | 16.091 | 11.752 | 36.1 | 19.926 | 4.1 | 15.856 | 1.370 | 1.547 | 48.5 | 2.066 | 0.7 | -1.062 | 1.172 | -47.8 | 1.582 |
| 248019.8 | 842501.9 | 127.4 | 16.045 | 11.715 | 36.1 | 19.867 | 4.1 | 15.810 | 1.371 | 1.549 | 48.5 | 2.068 | 0.7 | -0.988 | 1.088 | -47.8 | 1.469 |
| 248019.1 | 842501.1 | 127.5 | 16.050 | 11.725 | 36.1 | 19.876 | 4.1 | 15.817 | 1.373 | 1.552 | 48.5 | 2.072 | 0.7 | -0.980 | 1.078 | -47.7 | 1.457 |
| 248018.4 | 842500.4 | 127.5 | 16.065 | 11.745 | 36.2 | 19.900 | 4.1 | 15.836 | 1.375 | 1.555 | 48.5 | 2.076 | 0.7 | -0.984 | 1.081 | -47.7 | 1.462 |

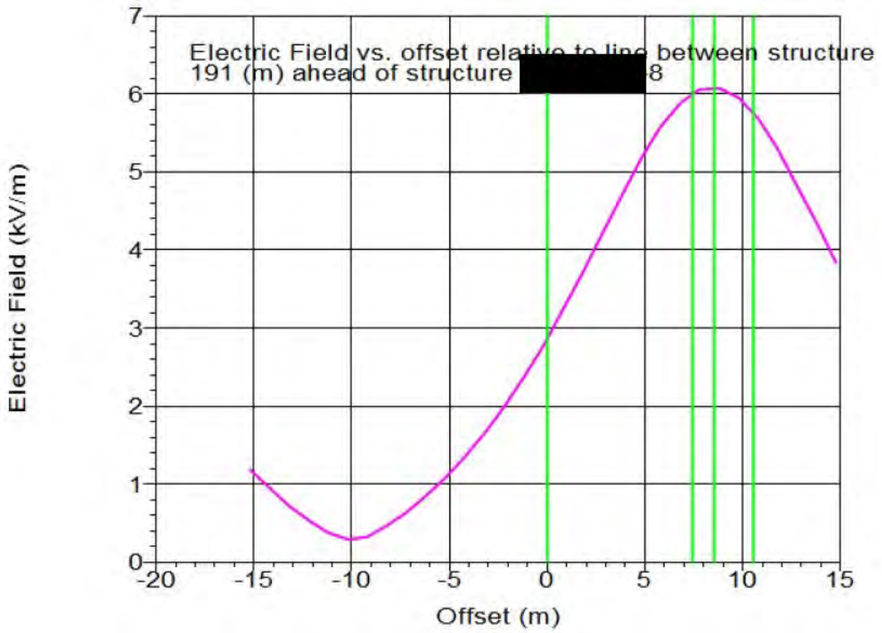
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248017.7 | 842499.7 | 127.6 | 16.054 | 11.740 | 36.2 | 19.889 | 4.2 | 15.827 | 1.368 | 1.555 | 48.6 | 2.071 | 0.7 | -1.089 | 1.141 | -46.3 | 1.577 |
| 248017.0 | 842499.0 | 127.8 | 16.108 | 11.795 | 36.2 | 19.965 | 4.1 | 15.887 | 1.371 | 1.559 | 48.7 | 2.076 | 0.7 | -1.139 | 1.197 | -46.4 | 1.652 |
| 248016.3 | 842498.3 | 127.9 | 16.176 | 11.864 | 36.3 | 20.061 | 4.1 | 15.964 | 1.375 | 1.563 | 48.7 | 2.082 | 0.7 | -1.207 | 1.272 | -46.5 | 1.753 |
| 248015.6 | 842497.6 | 128.1 | 16.247 | 11.935 | 36.3 | 20.159 | 4.1 | 16.042 | 1.378 | 1.568 | 48.7 | 2.088 | 0.7 | -1.274 | 1.345 | -46.6 | 1.853 |
| 248014.9 | 842496.8 | 128.2 | 16.329 | 12.017 | 36.4 | 20.275 | 4.0 | 16.134 | 1.382 | 1.573 | 48.7 | 2.094 | 0.7 | -1.354 | 1.434 | -46.6 | 1.972 |
| 248014.2 | 842496.1 | 128.4 | 16.449 | 12.134 | 36.4 | 20.440 | 4.0 | 16.266 | 1.386 | 1.579 | 48.7 | 2.102 | 0.7 | -1.480 | 1.575 | -46.8 | 2.161 |
| 248013.5 | 842495.4 | 128.5 | 16.511 | 12.197 | 36.5 | 20.527 | 4.0 | 16.335 | 1.390 | 1.585 | 48.7 | 2.108 | 0.7 | -1.525 | 1.624 | -46.8 | 2.228 |
| 248012.8 | 842494.7 | 128.6 | 16.537 | 12.227 | 36.5 | 20.567 | 3.9 | 16.366 | 1.394 | 1.590 | 48.8 | 2.114 | 0.7 | -1.522 | 1.617 | -46.7 | 2.221 |
| 248012.1 | 842494.0 | 128.8 | 16.575 | 12.268 | 36.5 | 20.622 | 3.9 | 16.410 | 1.397 | 1.595 | 48.8 | 2.120 | 0.7 | -1.531 | 1.624 | -46.7 | 2.232 |
| 248011.4 | 842493.2 | 128.9 | 16.617 | 12.313 | 36.5 | 20.682 | 3.9 | 16.458 | 1.401 | 1.600 | 48.8 | 2.127 | 0.7 | -1.541 | 1.634 | -46.7 | 2.246 |
| 248010.7 | 842492.5 | 129.0 | 16.622 | 12.323 | 36.6 | 20.692 | 3.9 | 16.466 | 1.405 | 1.605 | 48.8 | 2.133 | 0.7 | -1.501 | 1.585 | -46.6 | 2.183 |
| 248010.0 | 842491.8 | 129.1 | 16.661 | 12.365 | 36.6 | 20.748 | 3.9 | 16.511 | 1.409 | 1.611 | 48.8 | 2.140 | 0.7 | -1.502 | 1.583 | -46.5 | 2.182 |
| 248009.3 | 842491.1 | 129.2 | 16.708 | 12.414 | 36.6 | 20.815 | 3.8 | 16.564 | 1.413 | 1.618 | 48.9 | 2.148 | 0.7 | -1.510 | 1.590 | -46.5 | 2.193 |
| 248008.6 | 842490.4 | 129.4 | 16.824 | 12.529 | 36.7 | 20.977 | 3.8 | 16.693 | 1.419 | 1.625 | 48.9 | 2.157 | 0.7 | -1.605 | 1.696 | -46.6 | 2.335 |
| 248007.9 | 842489.7 | 129.5 | 16.904 | 12.608 | 36.7 | 21.088 | 3.7 | 16.781 | 1.424 | 1.632 | 48.9 | 2.166 | 0.6 | -1.649 | 1.744 | -46.6 | 2.400 |
| 248007.2 | 842488.9 | 129.7 | 16.964 | 12.670 | 36.8 | 21.173 | 3.7 | 16.849 | 1.429 | 1.639 | 48.9 | 2.175 | 0.6 | -1.664 | 1.760 | -46.6 | 2.422 |
| 248006.5 | 842488.2 | 129.8 | 17.022 | 12.730 | 36.8 | 21.255 | 3.7 | 16.914 | 1.434 | 1.646 | 48.9 | 2.183 | 0.6 | -1.674 | 1.770 | -46.6 | 2.436 |
| 248005.8 | 842487.5 | 129.9 | 17.074 | 12.784 | 36.8 | 21.330 | 3.7 | 16.974 | 1.439 | 1.654 | 49.0 | 2.192 | 0.6 | -1.674 | 1.768 | -46.6 | 2.435 |
| 248005.1 | 842486.8 | 130.1 | 17.147 | 12.859 | 36.9 | 21.433 | 3.6 | 17.056 | 1.444 | 1.661 | 49.0 | 2.201 | 0.5 | -1.697 | 1.794 | -46.6 | 2.470 |
| 248004.4 | 842486.1 | 130.2 | 17.220 | 12.933 | 36.9 | 21.536 | 3.6 | 17.138 | 1.450 | 1.669 | 49.0 | 2.211 | 0.5 | -1.718 | 1.818 | -46.6 | 2.501 |
| 248003.7 | 842485.3 | 130.4 | 17.273 | 12.988 | 36.9 | 21.611 | 3.6 | 17.197 | 1.455 | 1.676 | 49.0 | 2.220 | 0.5 | -1.708 | 1.808 | -46.6 | 2.487 |
| 248003.0 | 842484.6 | 130.5 | 17.296 | 13.016 | 37.0 | 21.646 | 3.6 | 17.226 | 1.461 | 1.683 | 49.0 | 2.228 | 0.4 | -1.660 | 1.754 | -46.6 | 2.415 |
| 248002.4 | 842483.9 | 130.6 | 17.309 | 13.034 | 37.0 | 21.668 | 3.5 | 17.243 | 1.466 | 1.690 | 49.1 | 2.237 | 0.4 | -1.596 | 1.682 | -46.5 | 2.319 |
| 248001.7 | 842483.2 | 130.7 | 17.343 | 13.071 | 37.0 | 21.717 | 3.5 | 17.282 | 1.471 | 1.697 | 49.1 | 2.246 | 0.3 | -1.555 | 1.638 | -46.5 | 2.259 |
| 248001.0 | 842482.5 | 130.9 | 17.467 | 13.194 | 37.1 | 21.890 | 3.5 | 17.420 | 1.478 | 1.705 | 49.1 | 2.257 | 0.3 | -1.626 | 1.723 | -46.7 | 2.369 |
| 248000.3 | 842481.8 | 131.1 | 17.635 | 13.358 | 37.1 | 22.123 | 3.4 | 17.605 | 1.485 | 1.715 | 49.1 | 2.269 | 0.3 | -1.746 | 1.867 | -46.9 | 2.556 |
| 247999.6 | 842481.0 | 131.4 | 17.807 | 13.526 | 37.2 | 22.362 | 3.3 | 17.795 | 1.493 | 1.724 | 49.1 | 2.281 | 0.3 | -1.866 | 2.011 | -47.1 | 2.744 |
| 247998.9 | 842480.3 | 131.6 | 17.981 | 13.696 | 37.3 | 22.603 | 3.2 | 17.987 | 1.501 | 1.734 | 49.1 | 2.294 | 0.2 | -1.984 | 2.154 | -47.3 | 2.928 |
| 247998.2 | 842479.6 | 131.8 | 18.064 | 13.780 | 37.3 | 22.720 | 3.2 | 18.080 | 1.508 | 1.743 | 49.1 | 2.305 | 0.2 | -1.988 | 2.165 | -47.4 | 2.940 |
| 247997.5 | 842478.9 | 131.9 | 18.119 | 13.838 | 37.4 | 22.799 | 3.2 | 18.143 | 1.515 | 1.751 | 49.1 | 2.315 | 0.1 | -1.955 | 2.134 | -47.5 | 2.894 |
| 247996.8 | 842478.2 | 132.0 | 18.174 | 13.896 | 37.4 | 22.877 | 3.1 | 18.205 | 1.522 | 1.759 | 49.1 | 2.326 | 0.1 | -1.918 | 2.099 | -47.6 | 2.843 |
| 247996.1 | 842477.5 | 132.2 | 18.228 | 13.953 | 37.4 | 22.955 | 3.1 | 18.267 | 1.529 | 1.768 | 49.1 | 2.337 | 0.1 | -1.876 | 2.060 | -47.7 | 2.787 |
| 247995.4 | 842476.7 | 132.3 | 18.300 | 14.027 | 37.5 | 23.057 | 3.1 | 18.348 | 1.537 | 1.777 | 49.1 | 2.349 | 0.1 | -1.853 | 2.042 | -47.8 | 2.758 |
| 247994.7 | 842476.0 | 132.4 | 18.289 | 14.022 | 37.5 | 23.045 | 3.1 | 18.339 | 1.543 | 1.785 | 49.2 | 2.360 | 0.1 | -1.727 | 1.905 | -47.8 | 2.571 |
| 247994.0 | 842475.3 | 132.5 | 18.430 | 14.115 | 37.4 | 23.214 | 3.1 | 18.473 | 1.562 | 1.804 | 49.1 | 2.386 | 0.1 | -1.645 | 1.832 | -48.1 | 2.462 |
| 247993.3 | 842474.6 | 132.7 | 18.520 | 14.207 | 37.5 | 23.342 | 3.0 | 18.575 | 1.571 | 1.815 | 49.1 | 2.400 | 0.1 | -1.636 | 1.829 | -48.2 | 2.454 |
| 247992.6 | 842473.9 | 132.9 | 18.600 | 14.287 | 37.5 | 23.454 | 3.0 | 18.664 | 1.581 | 1.826 | 49.1 | 2.415 | 0.1 | -1.610 | 1.807 | -48.3 | 2.420 |
| 247991.9 | 842473.1 | 133.1 | 18.727 | 14.413 | 37.6 | 23.631 | 2.9 | 18.805 | 1.591 | 1.838 | 49.1 | 2.430 | 0.1 | -1.640 | 1.848 | -48.4 | 2.471 |
| 247991.2 | 842472.4 | 133.3 | 18.958 | 14.639 | 37.7 | 23.952 | 2.8 | 19.060 | 1.602 | 1.851 | 49.1 | 2.448 | 0.0 | -1.793 | 2.031 | -48.6 | 2.710 |
| 247990.5 | 842471.7 | 133.5 | 19.055 | 14.737 | 37.7 | 24.089 | 2.8 | 19.170 | 1.612 | 1.863 | 49.1 | 2.464 | 0.0 | -1.784 | 2.027 | -48.6 | 2.700 |
| 247989.8 | 842471.0 | 133.7 | 19.218 | 14.898 | 37.8 | 24.316 | 2.7 | 19.350 | 1.622 | 1.876 | 49.1 | 2.480 | 0.0 | -1.852 | 2.111 | -48.7 | 2.808 |
| 247989.1 | 842470.3 | 134.4 | 19.964 | 15.621 | 38.0 | 25.349 | 2.4 | 20.172 | 1.641 | 1.898 | 49.2 | 2.509 | 0.2 | -2.597 | 2.972 | -48.9 | 3.947 |
| 247988.4 | 842469.6 | 134.5 | 20.045 | 15.704 | 38.1 | 25.464 | 2.3 | 20.264 | 1.650 | 1.909 | 49.2 | 2.523 | 0.2 | -2.569 | 2.946 | -48.9 | 3.909 |
| 247987.7 | 842468.8 | 134.4 | 19.687 | 15.364 | 38.0 | 24.973 | 2.5 | 19.873 | 1.653 | 1.913 | 49.2 | 2.528 | 0.1 | -2.038 | 2.338 | -48.9 | 3.101 |
| 247987.0 | 842468.1 | 134.2 | 19.344 | 15.038 | 37.9 | 24.501 | 2.7 | 19.497 | 1.658 | 1.918 | 49.2 | 2.535 | 0.1 | -1.509 | 1.734 | -49.0 | 2.298 |
| 247986.3 | 842467.4 | 134.3 | 19.364 | 15.061 | 37.9 | 24.531 | 2.6 | 19.521 | 1.666 | 1.928 | 49.2 | 2.548 | 0.1 | -1.415 | 1.630 | -49.0 | 2.158 |
| 247985.6 | 842466.7 | 134.8 | 19.865 | 15.549 | 38.1 | 25.226 | 2.4 | 20.075 | 1.678 | 1.941 | 49.2 | 2.566 | 0.1 | -1.903 | 2.196 | -49.1 | 2.906 |
| 247985.0 | 842466.0 | 135.1 | 20.182 | 15.859 | 38.2 | 25.667 | 2.3 | 20.425 | 1.687 | 1.952 | 49.2 | 2.581 | 0.1 | -2.167 | 2.506 | -49.1 | 3.313 |
| 247984.3 | 842465.2 | 135.2 | 20.184 | 15.866 | 38.2 | 25.674 | 2.3 | 20.431 | 1.693 | 1.959 | 49.2 | 2.589 | 0.1 | -2.072 | 2.402 | -49.2 | 3.172 |
| 247983.6 | 842464.5 | 135.3 | 20.171 | 15.858 | 38.2 | 25.658 | 2.3 | 20.418 | 1.699 | 1.965 | 49.2 | 2.597 | 0.1 | -1.964 | 2.282 | -49.3 | 3.011 |
| 247982.9 | 842463.8 | 135.4 | 20.180 | 15.871 | 38.2 | 25.674 | 2.3 | 20.431 | 1.704 | 1.970 | 49.1 | 2.605 | 0.1 | -1.890 | 2.202 | -49.4 | 2.902 |
| 247982.2 | 842463.1 | 135.6 | 20.300 | 15.992 | 38.2 | 25.842 | 2.2 | 20.565 | 1.709 | 1.976 | 49.1 | 2.612 | 0.1 | -1.952 | 2.280 | -49.4 | 3.002 |
| 247981.5 | 842462.4 | 135.8 | 20.441 | 16.133 | 38.3 | 26.040 | 2.2 | 20.722 | 1.714 | 1.980 | 49.1 | 2.619 | 0.1 | -2.048 | 2.397 | -49.5 | 3.152 |
| 247980.8 | 842461.7 | 136.0 | 20.534 | 16.227 | 38.3 | 26.172 | 2.1 | 20.827 | 1.718 | 1.984 | 49.1 | 2.624 | 0.1 | -2.096 | 2.459 | -49.6 | 3.231 |
| 247980.1 | 842460.9 | 136.1 | 20.512 | 16.210 | 38.3 | 26.144 | 2.1 | 20.805 | 1.720 | 1.985 | 49.1 | 2.627 | 0.1 | -2.019 | 2.378 | -49.7 | 3.120 |
| 247979.4 | 842460.2 | 136.1 | 20.471 | 16.175 | 38.3 | 26.090 | 2.1 | 20.762 | 1.721 | 1.986 | 49.1 | 2.628 | 0.1 | -1.931 | 2.283 | -49.8 | 2.990 |
| 247978.7 | 842459.5 | 136.2 | 20.411 | 16.121 | 38.3 | 26.010 | 2.2 | 20.698 | 1.722 | 1.986 | 49.1 | 2.628 | 0.1 | -1.830 | 2.174 | -49.9 | 2.841 |
| 247978.0 | 842458.8 | 136.2 | 20.314 | 16.031 | 38.3 | 25.878 | 2.2 | 20.593 | 1.722 | 1.984 | 49.0 | 2.627 | 0.1 | -1.694 | 2.025 | -50.1 | 2.640 |
| 247977.3 | 842458.1 | 136.4 | 20.441 | 16.158 | 38.3 | 26.056 | 2.2 | 20.735 | 1.722 | 1.983 | 49.0 | 2.627 | 0.1 | -1.835 | 2.196 | -50.1 | 2.862 |
| 247976.6 | 842457.3 | 136.6 | 20.585 | 16.302 | 38.4 | 26.259 | 2.1 | 20.896 | 1.722 | 1.982 | 49.0 | 2.625 | 0.1 | -2.008 | 2.402 | -50.1 | 3.131 |
| 247975.9 | 842456.6 | 136.7 | 20.516 | 16.240 | 38.4 | 26.166 | 2.1 | 20.822 | 1.719 | 1.978 | 49.0 | 2.620 | 0.1 | -1.941 | 2.333 | -50.2 | 3.035 |
| 247975.2 | 842455.9 | 136.7 | 20.378 | 16.110 | 38.3 | 25.977 | 2.2 | 20.672 | 1.716 | 1.972 | 49.0 | 2.614 | 0.1 | -1.803 | 2.184 | -50.4 | 2.832 |
| 247974.5 | 842455.2 | 136.8 | 20.358 | 16.095 | 38.3 | 25.951 | 2.2 | 20.651 | 1.712 | 1.967 | 49.0 | 2.607 | 0.1 | -1.818 | 2.209 | -50.5 | 2.861 |
| 247973.8 | 842454.5 | 136.9 | 20.368 | 16.109 | 38.3 | 25.969 | 2.2 | 20.665 | 1.707 | 1.960 | 48.9 | 2.599 | 0.1 | -1.881 | 2.290 | -50.6 | 2.964 |
| 247973.1 | 842453.8 | 137.0 | 20.351 | 16.096 | 38.3 | 25.947 | 2.2 | 20.648 | 1.702 | 1.952 | 48.9 | 2.590 | 0.1 | -1.924 | 2.348 | -50.7 | 3.035 |
| 247972.4 | 842453.0 | 137.1 | 20.333 | 16.083 | 38.3 | 25.925 | 2.2 | 20.630 | 1.695 | 1.944 | 48.9 | 2.579 | 0.1 | -1.977 | 2.419 | -50.7 | 3.124 |
| 247971.7 | 842452.3 | 137.2 | 20.228 | 15.985 | 38.3 | 25.782 | 2.2 | 20.517 | 1.688 | 1.934 | 48.9 | 2.567 | 0.1 | -1.940 | 2.386 | -50.9 | 3.075 |
| 247971.0 | 842451.6 | 137.2 | 20.117 | 15.882 | 38.3 | 25.630 | 2.3 | 20.396 | 1.679 | 1.922 | 48.9 | 2.553 | 0.0 | -1.906 | 2.357 | -51.0 | 3.031 |
| 247970.3 | 842450.9 | 137.2 | 19.932 | 15.707 | 38.2 | 25.377 | 2.4 | 20.194 | 1.670 | 1.910 | 48.8 | 2.537 | 0.0 | -1.794 | 2.239 | -51.3 | 2.869 |
| 247969.6 | 842450.2 | 137.2 | 19.786 | 15.570 | 38.2 | 25.178 | 2.4 | 20.036 | 1.660 | 1.897 | 48.8 | 2.521 | 0.0 | -1.740 | 2.187 | -51.5 | 2.795 |
| 247968.9 | 842449.4 | 137.2 | 19.684 | 15.476 | 38.2 | 25.039 | 2.5 | 19.925 | 1.650 | 1.883 | 48.8 | 2.504 | 0.0 | -1.751 | 2.209 | -51.6 | 2.818 |
| 247968.2 | 842448.7 | 137.3 | 19.617 | 15.415 | 38.2 | 24.949 | 2.5 | 19.854 | 1.639 | 1.869 | 48.8 | 2.486 | 0.0 | -1.815 | 2.292 | -51.6 | 2.924 |
| 247967.6 | 842448.0 | 137.3 | 19.515 | 15.321 | 38.1 | 24.810 | 2.6 | 19.743 | 1.627 | 1.854 | 48.7 | 2.467 | 0.1 | -1.845 | 2.337 | -51.7 | 2.978 |
| 247966.9 | 842447.3 | 137.4 | 19.408 | 15.222 | 38.1 | 24.665 | 2.6 | 19.628 | 1.615 | 1.839 | 48.7 | 2.447 | 0.1 | -1.880 | 2.387 | -51.8 | 3.038 |
| 247966.2 | 842446.6 | 137.3 | 19.198 | 15.024 | 38.0 | 24.378 | 2.7 | 19.399 | 1.602 | 1.822 | 48.7 | 2.426 | 0.1 | -1.796 | 2.301 | -52.0 | 2.919 |
| 247965.5 | 842445.9 | 137.3 | 19.011 | 14.848 | 38.0 | 24.122 | 2.8 | 19.196 | 1.588 | 1.804 | 48.6 | 2.404 | 0.1 | -1.749 | 2.256 | -52.2 | 2.854 |
| 247964.8 | 842445.1 | 137.3 | 18.815 | 14.663 | 37.9 | 23.854 | 2.9 | 18.982 | 1.574 | 1.787 | 48.6 | 2.381 | 0.1 | -1.696 | 2.205 | -52.4 | 2.782 |
| 247964.1 | 842444.4 | 137.3 | 18.654 | 14.513 | 37.9 | 23.635 | 2.9 | 18.808 | 1.560 | 1.768 | 48.6 | 2.358 | 0.2 | -1.695 | 2.214 | -52.6 | 2.788 |
| 247963.4 | 842443.7 | 137.2 | 18.464 | 14.335 | 37.8 | 23.375 | 3.0 | 18.601 | 1.545 | 1.750 | 48.6 | 2.334 | 0.2 | -1.662 | 2.186 | -52.7 | 2.746 |
| 247962.7 | 842443.0 | 137.2 | 18.245 | 14.129 | 37.8 | 23.076 | 3.1 | 18.363 | 1.530 | 1.730 | 48.5 | 2.310 | 0.2 | -1.598 | 2.121 | -53.0 | 2.656 |
| 247962.0 | 842442.3 | 137.1 | 17.996 | 13.895 | 37.7 | 22.736 | 3.2 | 18.093 | 1.514 | 1.711 | 48.5 | 2.285 | 0.2 | -1.499 | 2.018 | -53.4 | 2.514 |
| 247961.3 | 842441.5 | 137.0 | 17.751 | 13.666 | 37.6 | 22.402 | 3.3 | 17.827 | 1.498 | 1.690 | 48.4 | 2.259 | 0.3 | -1.409 | 1.924 | -53.8 | 2.384 |
| 247960.6 | 842440.8 | 136.9 | 17.510 | 13.440 | 37.5 | 22.074 | 3.4 | 17.566 | 1.482 | 1.670 | 48.4 | 2.233 | 0.3 | -1.325 | 1.837 | -54.2 | 2.265 |
| 247959.9 | 842440.1 | 136.8 | 17.220 | 13.169 | 37.4 | 21.678 | 3.5 | 17.251 | 1.466 | 1.649 | 48.4 | 2.207 | 0.3 | -1.177 | 1.677 | -54.9 | 2.049 |
| 247959.2 | 842439.4 | 136.6 | 16.931 | 12.900 | 37.3 | 21.285 | 3.6 | 16.938 | 1.449 | 1.628 | 48.3 | 2.180 | 0.3 | -1.031 | 1.519 | -55.8 | 1.836 |
| 247958.5 | 842438.7 | 136.6 | 16.765 | 12.747 | 37.2 | 21.061 | 3.7 | 16.760 | 1.433 | 1.608 | 48.3 | 2.154 | 0.4 | -1.052 | 1.550 | -55.8 | 1.873 |
| 247957.8 | 842438.0 | 136.6 | 16.567 | 12.563 | 37.2 | 20.791 | 3.8 | 16.545 | 1.417 | 1.588 | 48.3 | 2.129 | 0.4 | -1.029 | 1.529 | -56.1 | 1.843 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247957.1 | 842437.2 | 136.5 | 16.371 | 12.382 | 37.1 | 20.526 | 3.9 | 16.334 | 1.401 | 1.568 | 48.2 | 2.103 | 0.4 | -1.009 | 1.513 | -56.3 | 1.819 |
| 247956.4 | 842436.5 | 136.4 | 16.178 | 12.204 | 37.0 | 20.265 | 4.0 | 16.126 | 1.385 | 1.548 | 48.2 | 2.078 | 0.5 | -0.993 | 1.499 | -56.5 | 1.798 |
| 247955.7 | 842435.8 | 136.3 | 15.939 | 11.984 | 36.9 | 19.941 | 4.1 | 15.869 | 1.369 | 1.529 | 48.1 | 2.052 | 0.5 | -0.910 | 1.410 | -57.2 | 1.679 |
| 247955.0 | 842435.1 | 136.2 | 15.696 | 11.760 | 36.8 | 19.613 | 4.2 | 15.608 | 1.353 | 1.509 | 48.1 | 2.027 | 0.5 | -0.820 | 1.311 | -58.0 | 1.546 |
| 247954.3 | 842434.4 | 136.1 | 15.460 | 11.543 | 36.7 | 19.293 | 4.2 | 15.353 | 1.338 | 1.490 | 48.1 | 2.002 | 0.6 | -0.734 | 1.217 | -58.9 | 1.421 |
| 247953.6 | 842433.7 | 136.1 | 15.336 | 11.430 | 36.7 | 19.127 | 4.3 | 15.221 | 1.323 | 1.472 | 48.1 | 1.979 | 0.6 | -0.807 | 1.300 | -58.2 | 1.531 |
| 247952.9 | 842432.9 | 136.1 | 15.238 | 11.343 | 36.7 | 18.996 | 4.3 | 15.117 | 1.308 | 1.455 | 48.0 | 1.957 | 0.7 | -0.916 | 1.423 | -57.2 | 1.692 |
| 247952.2 | 842432.2 | 136.1 | 15.104 | 11.221 | 36.6 | 18.815 | 4.4 | 14.973 | 1.294 | 1.438 | 48.0 | 1.935 | 0.7 | -0.969 | 1.481 | -56.8 | 1.770 |
| 247951.5 | 842431.5 | 136.0 | 14.911 | 11.045 | 36.5 | 18.556 | 4.5 | 14.766 | 1.280 | 1.421 | 48.0 | 1.912 | 0.7 | -0.934 | 1.440 | -57.0 | 1.716 |
| 247950.8 | 842430.8 | 135.9 | 14.721 | 10.872 | 36.4 | 18.301 | 4.5 | 14.563 | 1.266 | 1.404 | 48.0 | 1.890 | 0.7 | -0.899 | 1.398 | -57.3 | 1.662 |
| 247950.2 | 842430.1 | 135.8 | 14.485 | 10.657 | 36.3 | 17.983 | 4.6 | 14.310 | 1.252 | 1.387 | 47.9 | 1.868 | 0.8 | -0.789 | 1.272 | -58.2 | 1.497 |
| 247949.5 | 842429.3 | 135.6 | 14.233 | 10.427 | 36.2 | 17.644 | 4.7 | 14.040 | 1.238 | 1.370 | 47.9 | 1.846 | 0.8 | -0.649 | 1.113 | -59.7 | 1.288 |
| 247948.8 | 842428.6 | 135.6 | 14.048 | 10.260 | 36.1 | 17.396 | 4.8 | 13.843 | 1.225 | 1.354 | 47.9 | 1.826 | 0.8 | -0.604 | 1.058 | -60.3 | 1.218 |
| 247948.1 | 842427.9 | 135.5 | 13.935 | 10.160 | 36.1 | 17.246 | 4.8 | 13.724 | 1.212 | 1.340 | 47.9 | 1.807 | 0.8 | -0.665 | 1.120 | -59.3 | 1.302 |
| 247947.4 | 842427.2 | 135.5 | 13.824 | 10.060 | 36.0 | 17.097 | 4.9 | 13.605 | 1.200 | 1.326 | 47.8 | 1.789 | 0.8 | -0.721 | 1.178 | -58.5 | 1.381 |
| 247946.7 | 842426.5 | 135.5 | 13.672 | 9.924 | 36.0 | 16.894 | 4.9 | 13.444 | 1.188 | 1.312 | 47.8 | 1.770 | 0.8 | -0.712 | 1.161 | -58.5 | 1.362 |
| 247946.0 | 842425.8 | 135.4 | 13.522 | 9.790 | 35.9 | 16.694 | 5.0 | 13.285 | 1.177 | 1.298 | 47.8 | 1.752 | 0.8 | -0.701 | 1.142 | -58.5 | 1.340 |
| 247945.3 | 842425.0 | 135.4 | 13.361 | 9.645 | 35.8 | 16.478 | 5.1 | 13.113 | 1.165 | 1.285 | 47.8 | 1.734 | 0.8 | -0.666 | 1.096 | -58.7 | 1.283 |
| 247944.6 | 842424.3 | 135.2 | 13.167 | 9.471 | 35.7 | 16.219 | 5.1 | 12.907 | 1.154 | 1.271 | 47.8 | 1.717 | 0.8 | -0.573 | 0.987 | -59.8 | 1.141 |
| 247943.9 | 842423.6 | 135.2 | 13.051 | 9.368 | 35.7 | 16.065 | 5.2 | 12.784 | 1.143 | 1.259 | 47.7 | 1.701 | 0.8 | -0.599 | 1.007 | -59.3 | 1.172 |
| 247943.2 | 842422.9 | 135.2 | 12.957 | 9.285 | 35.6 | 15.940 | 5.2 | 12.685 | 1.133 | 1.247 | 47.7 | 1.685 | 0.8 | -0.653 | 1.060 | -58.4 | 1.245 |
| 247942.5 | 842422.2 | 135.1 | 12.762 | 9.111 | 35.5 | 15.681 | 5.3 | 12.478 | 1.123 | 1.234 | 47.7 | 1.669 | 0.8 | -0.541 | 0.928 | -59.8 | 1.074 |
| 247941.8 | 842421.4 | 135.1 | 12.669 | 9.029 | 35.5 | 15.557 | 5.3 | 12.380 | 1.113 | 1.223 | 47.7 | 1.654 | 0.8 | -0.586 | 0.970 | -58.9 | 1.134 |
| 247941.1 | 842420.7 | 135.0 | 12.524 | 8.900 | 35.4 | 15.364 | 5.4 | 12.226 | 1.104 | 1.212 | 47.7 | 1.639 | 0.8 | -0.543 | 0.914 | -59.3 | 1.063 |
| 247940.4 | 842420.0 | 134.9 | 12.376 | 8.769 | 35.3 | 15.167 | 5.4 | 12.070 | 1.094 | 1.201 | 47.7 | 1.624 | 0.8 | -0.488 | 0.846 | -60.0 | 0.977 |
| 247939.7 | 842419.3 | 134.9 | 12.246 | 8.654 | 35.2 | 14.995 | 5.5 | 11.933 | 1.085 | 1.190 | 47.6 | 1.611 | 0.8 | -0.458 | 0.804 | -60.3 | 0.925 |
| 247939.0 | 842418.6 | 134.9 | 12.154 | 8.574 | 35.2 | 14.874 | 5.5 | 11.836 | 1.077 | 1.180 | 47.6 | 1.598 | 0.8 | -0.486 | 0.826 | -59.5 | 0.958 |
| 247938.3 | 842417.9 | 135.0 | 12.155 | 8.576 | 35.2 | 14.876 | 5.5 | 11.838 | 1.069 | 1.172 | 47.6 | 1.586 | 0.8 | -0.664 | 1.013 | -56.8 | 1.211 |
| 247937.6 | 842417.1 | 135.0 | 12.066 | 8.498 | 35.2 | 14.758 | 5.5 | 11.744 | 1.062 | 1.162 | 47.6 | 1.574 | 0.8 | -0.686 | 1.029 | -56.3 | 1.237 |
| 247936.9 | 842416.4 | 135.0 | 11.972 | 8.415 | 35.1 | 14.633 | 5.6 | 11.645 | 1.054 | 1.153 | 47.6 | 1.562 | 0.8 | -0.695 | 1.030 | -56.0 | 1.242 |
| 247936.2 | 842415.7 | 135.0 | 11.861 | 8.317 | 35.0 | 14.487 | 5.6 | 11.528 | 1.046 | 1.144 | 47.6 | 1.550 | 0.8 | -0.672 | 0.996 | -56.0 | 1.202 |
| 247935.5 | 842415.0 | 134.9 | 11.753 | 8.222 | 35.0 | 14.343 | 5.7 | 11.414 | 1.039 | 1.136 | 47.6 | 1.539 | 0.8 | -0.648 | 0.960 | -56.0 | 1.158 |
| 247934.8 | 842414.3 | 135.0 | 11.675 | 8.154 | 34.9 | 14.241 | 5.7 | 11.333 | 1.032 | 1.127 | 47.5 | 1.528 | 0.7 | -0.672 | 0.977 | -55.5 | 1.186 |
| 247934.1 | 842413.5 | 135.0 | 11.616 | 8.102 | 34.9 | 14.163 | 5.7 | 11.270 | 1.025 | 1.120 | 47.5 | 1.518 | 0.7 | -0.722 | 1.023 | -54.8 | 1.253 |
| 247933.4 | 842412.8 | 135.0 | 11.560 | 8.053 | 34.9 | 14.088 | 5.8 | 11.211 | 1.018 | 1.112 | 47.5 | 1.508 | 0.7 | -0.773 | 1.070 | -54.1 | 1.320 |
| 247932.8 | 842412.1 | 135.1 | 11.504 | 8.004 | 34.8 | 14.014 | 5.8 | 11.152 | 1.012 | 1.104 | 47.5 | 1.498 | 0.7 | -0.821 | 1.114 | -53.6 | 1.384 |
| 247932.1 | 842411.4 | 135.0 | 11.391 | 7.904 | 34.8 | 13.865 | 5.8 | 11.033 | 1.005 | 1.096 | 47.5 | 1.487 | 0.7 | -0.767 | 1.045 | -53.7 | 1.296 |
| 247931.4 | 842410.7 | 134.8 | 11.204 | 7.740 | 34.6 | 13.617 | 5.9 | 10.836 | 0.998 | 1.088 | 47.5 | 1.476 | 0.6 | -0.578 | 0.830 | -55.1 | 1.012 |
| 247930.7 | 842410.0 | 134.7 | 11.071 | 7.623 | 34.6 | 13.441 | 6.0 | 10.696 | 0.991 | 1.080 | 47.5 | 1.466 | 0.6 | -0.477 | 0.711 | -56.2 | 0.856 |
| 247930.0 | 842409.2 | 134.5 | 10.892 | 7.467 | 34.4 | 13.206 | 6.0 | 10.509 | 0.984 | 1.072 | 47.4 | 1.455 | 0.6 | -0.287 | 0.496 | -59.9 | 0.573 |
| 247929.3 | 842408.5 | 134.5 | 10.812 | 7.397 | 34.4 | 13.100 | 6.1 | 10.425 | 0.978 | 1.065 | 47.4 | 1.446 | 0.6 | -0.270 | 0.470 | -60.1 | 0.542 |
| 247928.6 | 842407.8 | 134.5 | 10.734 | 7.329 | 34.3 | 12.997 | 6.1 | 10.343 | 0.972 | 1.057 | 47.4 | 1.437 | 0.5 | -0.252 | 0.443 | -60.4 | 0.510 |
| 247927.9 | 842407.1 | 134.6 | 10.733 | 7.327 | 34.3 | 12.995 | 6.1 | 10.341 | 0.967 | 1.051 | 47.4 | 1.428 | 0.5 | -0.371 | 0.566 | -56.8 | 0.677 |
| 247927.2 | 842406.4 | 134.8 | 10.751 | 7.342 | 34.3 | 13.019 | 6.2 | 10.360 | 0.961 | 1.044 | 47.4 | 1.419 | 0.5 | -0.521 | 0.723 | -54.2 | 0.891 |
| 247926.5 | 842405.6 | 134.8 | 10.718 | 7.313 | 34.3 | 12.975 | 6.2 | 10.325 | 0.956 | 1.038 | 47.3 | 1.411 | 0.5 | -0.574 | 0.775 | -53.5 | 0.964 |
| 247925.8 | 842404.9 | 134.9 | 10.687 | 7.285 | 34.3 | 12.934 | 6.2 | 10.292 | 0.951 | 1.031 | 47.3 | 1.402 | 0.4 | -0.625 | 0.825 | -52.8 | 1.035 |
| 247925.1 | 842404.2 | 134.9 | 10.648 | 7.251 | 34.3 | 12.883 | 6.3 | 10.252 | 0.945 | 1.025 | 47.3 | 1.394 | 0.4 | -0.660 | 0.857 | -52.4 | 1.082 |
| 247924.4 | 842403.5 | 135.0 | 10.625 | 7.230 | 34.2 | 12.852 | 6.3 | 10.227 | 0.940 | 1.018 | 47.3 | 1.386 | 0.4 | -0.717 | 0.915 | -51.9 | 1.163 |
| 247923.7 | 842402.8 | 135.1 | 10.610 | 7.216 | 34.2 | 12.831 | 6.3 | 10.210 | 0.936 | 1.012 | 47.3 | 1.379 | 0.4 | -0.784 | 0.982 | -51.4 | 1.256 |
| 247923.0 | 842402.1 | 135.1 | 10.561 | 7.173 | 34.2 | 12.767 | 6.4 | 10.160 | 0.931 | 1.006 | 47.2 | 1.371 | 0.4 | -0.786 | 0.981 | -51.3 | 1.257 |
| 247922.3 | 842401.3 | 135.1 | 10.508 | 7.125 | 34.1 | 12.696 | 6.4 | 10.103 | 0.926 | 1.001 | 47.2 | 1.364 | 0.4 | -0.774 | 0.963 | -51.2 | 1.235 |
| 247921.6 | 842400.6 | 135.1 | 10.457 | 7.080 | 34.1 | 12.628 | 6.4 | 10.049 | 0.922 | 0.995 | 47.2 | 1.357 | 0.3 | -0.761 | 0.945 | -51.2 | 1.213 |
| 247920.9 | 842399.9 | 135.1 | 10.421 | 7.048 | 34.1 | 12.581 | 6.5 | 10.012 | 0.918 | 0.990 | 47.2 | 1.351 | 0.3 | -0.771 | 0.953 | -51.0 | 1.226 |
| 247920.2 | 842399.2 | 135.1 | 10.401 | 7.030 | 34.1 | 12.554 | 6.5 | 9.990 | 0.915 | 0.986 | 47.1 | 1.345 | 0.3 | -0.803 | 0.984 | -50.8 | 1.270 |
| 247919.5 | 842398.5 | 135.1 | 10.339 | 6.975 | 34.0 | 12.471 | 6.5 | 9.925 | 0.912 | 0.982 | 47.1 | 1.340 | 0.3 | -0.752 | 0.926 | -50.9 | 1.193 |
| 247918.8 | 842397.7 | 135.1 | 10.298 | 6.939 | 34.0 | 12.418 | 6.6 | 9.882 | 0.909 | 0.978 | 47.1 | 1.335 | 0.3 | -0.735 | 0.904 | -50.9 | 1.165 |
| 247918.1 | 842397.0 | 135.1 | 10.261 | 6.906 | 33.9 | 12.369 | 6.6 | 9.843 | 0.906 | 0.975 | 47.1 | 1.331 | 0.3 | -0.717 | 0.883 | -50.9 | 1.138 |
| 247917.4 | 842396.3 | 135.2 | 10.271 | 6.914 | 33.9 | 12.381 | 6.6 | 9.853 | 0.905 | 0.973 | 47.1 | 1.328 | 0.3 | -0.781 | 0.949 | -50.6 | 1.229 |
| 247916.7 | 842395.6 | 135.2 | 10.248 | 6.894 | 33.9 | 12.351 | 6.6 | 9.829 | 0.903 | 0.971 | 47.1 | 1.326 | 0.3 | -0.777 | 0.943 | -50.5 | 1.222 |
| 247916.0 | 842394.9 | 135.2 | 10.229 | 6.877 | 33.9 | 12.326 | 6.7 | 9.809 | 0.902 | 0.969 | 47.1 | 1.324 | 0.3 | -0.773 | 0.936 | -50.4 | 1.214 |
| 247915.4 | 842394.2 | 135.2 | 10.214 | 6.863 | 33.9 | 12.305 | 6.7 | 9.792 | 0.901 | 0.969 | 47.1 | 1.323 | 0.3 | -0.769 | 0.929 | -50.4 | 1.207 |
| 247914.7 | 842393.4 | 135.2 | 10.203 | 6.853 | 33.9 | 12.291 | 6.7 | 9.781 | 0.901 | 0.969 | 47.1 | 1.323 | 0.2 | -0.767 | 0.924 | -50.3 | 1.201 |

Max BF along centerline is 37.605 (uT) at 191.000 (m) from structure [redacted]-8

Cross section results at max BF along centerline between structures [redacted]-8 and [redacted]-9




3D EMF Point Results Span from [redacted]-8 to [redacted]-9:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248168.5 | 842633.5 | 134.8 | 29.288 | 14.588 | 26.5 | 32.720 | 6.2 | 26.038 | 1.150 | 0.335 | 16.2 | 1.198 | 1.2 | 1.392 | -0.349 | -14.1 | 1.435 |
| 248167.8 | 842634.2 | 134.8 | 28.405 | 14.635 | 27.3 | 31.954 | 6.2 | 25.428 | 0.915 | 0.253 | 15.4 | 0.949 | 2.9 | 1.131 | -0.256 | -12.7 | 1.160 |
| 248167.0 | 842634.8 | 134.8 | 27.668 | 14.722 | 28.0 | 31.342 | 6.2 | 24.941 | 0.707 | 0.175 | 13.9 | 0.728 | 6.4 | 0.899 | -0.160 | -10.1 | 0.913 |
| 248166.3 | 842635.5 | 134.9 | 27.077 | 14.857 | 28.8 | 30.885 | 6.0 | 24.578 | 0.521 | 0.114 | 12.3 | 0.534 | 13.6 | 0.690 | -0.060 | -5.0 | 0.692 |
| 248165.6 | 842636.2 | 134.9 | 26.630 | 15.046 | 29.5 | 30.586 | 5.8 | 24.340 | 0.358 | 0.114 | 17.7 | 0.375 | 31.4 | 0.498 | 0.043 | 4.9 | 0.500 |
| 248164.9 | 842636.9 | 134.9 | 26.324 | 15.296 | 30.2 | 30.445 | 5.5 | 24.227 | 0.224 | 0.182 | 39.2 | 0.289 | 81.3 | 0.320 | 0.152 | 25.4 | 0.355 |
| 248164.2 | 842637.6 | 134.9 | 26.154 | 15.615 | 30.8 | 30.461 | 5.2 | 24.240 | 0.167 | 0.280 | 59.1 | 0.326 | 45.6 | 0.150 | 0.269 | 60.9 | 0.308 |
| 248163.4 | 842638.3 | 135.0 | 26.119 | 16.010 | 31.5 | 30.635 | 4.8 | 24.379 | 0.240 | 0.394 | 58.6 | 0.461 | 18.8 | -0.017 | 0.397 | -87.5 | 0.397 |
| 248162.7 | 842639.0 | 135.0 | 26.214 | 16.488 | 32.2 | 30.968 | 4.4 | 24.643 | 0.374 | 0.523 | 54.4 | 0.643 | 8.8 | -0.186 | 0.538 | -70.9 | 0.570 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248162.0 | 842639.7 | 135.0 | 26.434 | 17.054 | 32.8 | 31.458 | 4.0 | 25.033 | 0.530 | 0.669 | 51.6 | 0.854 | 4.4 | -0.362 | 0.698 | -62.6 | 0.786 |
| 248161.3 | 842640.4 | 135.0 | 26.761 | 17.705 | 33.5 | 32.088 | 3.5 | 25.535 | 0.702 | 0.836 | 50.0 | 1.091 | 2.3 | -0.542 | 0.870 | -58.1 | 1.025 |
| 248160.6 | 842641.1 | 135.0 | 27.201 | 18.454 | 34.2 | 32.870 | 2.9 | 26.157 | 0.889 | 1.026 | 49.1 | 1.357 | 1.1 | -0.733 | 1.065 | -55.5 | 1.293 |
| 248159.9 | 842641.8 | 135.0 | 27.739 | 19.298 | 34.8 | 33.792 | 2.3 | 26.891 | 1.093 | 1.243 | 48.7 | 1.656 | 0.4 | -0.936 | 1.283 | -53.9 | 1.588 |
| 248159.1 | 842642.5 | 135.0 | 28.371 | 20.242 | 35.5 | 34.852 | 1.6 | 27.735 | 1.317 | 1.492 | 48.6 | 1.990 | 0.4 | -1.157 | 1.531 | -52.9 | 1.918 |
| 248158.4 | 842643.2 | 135.1 | 29.084 | 21.283 | 36.2 | 36.039 | 0.9 | 28.679 | 1.560 | 1.774 | 48.7 | 2.363 | 0.6 | -1.397 | 1.812 | -52.4 | 2.288 |
| 248157.7 | 842643.9 | 135.1 | 29.860 | 22.412 | 36.9 | 37.335 | 0.1 | 29.710 | 1.825 | 2.091 | 48.9 | 2.775 | 0.7 | -1.658 | 2.129 | -52.1 | 2.698 |
| 248157.0 | 842644.6 | 135.1 | 30.677 | 23.612 | 37.6 | 38.712 | 1.0 | 30.806 | 2.108 | 2.442 | 49.2 | 3.226 | 0.8 | -1.940 | 2.480 | -52.0 | 3.149 |
| 248156.3 | 842645.3 | 135.1 | 31.504 | 24.858 | 38.3 | 40.130 | 2.0 | 31.935 | 2.405 | 2.820 | 49.5 | 3.707 | 0.9 | -2.239 | 2.863 | -52.0 | 3.634 |
| 248155.6 | 842646.0 | 135.1 | 32.303 | 26.111 | 38.9 | 41.536 | 3.2 | 33.054 | 2.711 | 3.215 | 49.9 | 4.206 | 0.9 | -2.550 | 3.266 | -52.0 | 4.143 |
| 248154.8 | 842646.7 | 135.1 | 33.023 | 27.319 | 39.6 | 42.858 | 4.6 | 34.106 | 3.015 | 3.610 | 50.1 | 4.703 | 0.9 | -2.862 | 3.674 | -52.1 | 4.657 |
| 248154.1 | 842647.4 | 135.1 | 33.607 | 28.414 | 40.2 | 44.009 | 6.0 | 35.021 | 3.302 | 3.980 | 50.3 | 5.171 | 0.9 | -3.164 | 4.062 | -52.1 | 5.149 |
| 248153.4 | 842648.1 | 135.1 | 33.992 | 29.320 | 40.8 | 44.890 | 7.6 | 35.722 | 3.555 | 4.295 | 50.4 | 5.576 | 0.9 | -3.437 | 4.402 | -52.0 | 5.585 |
| 248152.7 | 842648.8 | 135.1 | 34.118 | 29.955 | 41.3 | 45.403 | 9.3 | 36.130 | 3.758 | 4.524 | 50.3 | 5.881 | 1.0 | -3.663 | 4.660 | -51.8 | 5.928 |
| 248152.0 | 842649.5 | 135.1 | 33.940 | 30.252 | 41.7 | 45.465 | 11.1 | 36.180 | 3.893 | 4.637 | 50.0 | 6.055 | 1.3 | -3.826 | 4.807 | -51.5 | 6.144 |
| 248151.2 | 842650.2 | 135.2 | 33.435 | 30.166 | 42.1 | 45.032 | 13.0 | 35.835 | 3.950 | 4.618 | 49.5 | 6.077 | 1.6 | -3.915 | 4.824 | -50.9 | 6.213 |
| 248150.5 | 842650.9 | 135.2 | 32.616 | 29.691 | 42.3 | 44.106 | 15.0 | 35.098 | 3.925 | 4.464 | 48.7 | 5.944 | 2.0 | -3.928 | 4.708 | -50.2 | 6.132 |
| 248149.8 | 842651.6 | 135.2 | 31.514 | 28.846 | 42.5 | 42.723 | 17.0 | 33.998 | 3.823 | 4.188 | 47.6 | 5.671 | 2.5 | -3.863 | 4.465 | -49.1 | 5.904 |
| 248149.1 | 842652.2 | 135.2 | 30.190 | 27.689 | 42.5 | 40.964 | 19.0 | 32.598 | 3.657 | 3.818 | 46.2 | 5.287 | 3.1 | -3.726 | 4.115 | -47.8 | 5.551 |
| 248148.4 | 842652.9 | 135.2 | 28.713 | 26.295 | 42.5 | 38.934 | 20.9 | 30.983 | 3.443 | 3.386 | 44.5 | 4.829 | 3.8 | -3.535 | 3.692 | -46.2 | 5.111 |
| 248147.7 | 842653.6 | 135.2 | 27.151 | 24.748 | 42.3 | 36.738 | 22.8 | 29.235 | 3.196 | 2.927 | 42.5 | 4.334 | 4.4 | -3.305 | 3.230 | -44.3 | 4.621 |
| 248146.9 | 842654.3 | 135.2 | 25.564 | 23.122 | 42.1 | 34.470 | 24.7 | 27.430 | 2.933 | 2.469 | 40.1 | 3.834 | 5.1 | -3.052 | 2.760 | -42.1 | 4.115 |

Centerline results between structures [redacted]-9 and [redacted]-10

**3D EMF Point Results Centerline from [redacted]-9 to [redacted]-10:**

| -------Measurement------- | | | -------------------------B-------------------------- | | | | | H | -------------------------EF-------------------------- | | | | | ------------Space Potential------------ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Y | Z | Real | Imaginary | Angle | Magnitude | Polarization | Magnitude | Real | Imaginary | Angle | Magnitude | Polarization | Real | Imaginary | Angle | Magnitude |
| (m) | (m) | (m) | (uT) | (uT) | (deg) | (uT) | Axial Ratio % | (A/m) | (kV/m) | (kV/m) | (deg) | (kV/m) | Axial Ratio % | (kV) | (kV) | (deg) | (kV) |
| 247913.8 | 842392.5 | 135.2 | 10.195 | 6.847 | 33.9 | 12.281 | 6.7 | 9.773 | 0.902 | 0.970 | 47.1 | 1.325 | 0.2 | -0.766 | 0.920 | -50.2 | 1.197 |
| 247913.1 | 842391.8 | 135.2 | 10.194 | 6.846 | 33.9 | 12.279 | 6.7 | 9.772 | 0.903 | 0.972 | 47.1 | 1.327 | 0.2 | -0.765 | 0.917 | -50.2 | 1.194 |
| 247912.4 | 842391.1 | 135.2 | 10.196 | 6.848 | 33.9 | 12.282 | 6.7 | 9.774 | 0.905 | 0.974 | 47.1 | 1.329 | 0.2 | -0.764 | 0.914 | -50.1 | 1.191 |
| 247911.7 | 842390.4 | 135.2 | 10.202 | 6.853 | 33.9 | 12.290 | 6.7 | 9.780 | 0.907 | 0.977 | 47.1 | 1.333 | 0.2 | -0.762 | 0.910 | -50.1 | 1.187 |
| 247911.0 | 842389.7 | 135.2 | 10.212 | 6.862 | 33.9 | 12.303 | 6.7 | 9.791 | 0.909 | 0.981 | 47.2 | 1.337 | 0.2 | -0.761 | 0.906 | -50.0 | 1.183 |
| 247910.3 | 842388.9 | 135.3 | 10.225 | 6.874 | 33.9 | 12.321 | 6.7 | 9.805 | 0.912 | 0.985 | 47.2 | 1.343 | 0.2 | -0.758 | 0.902 | -49.9 | 1.179 |
| 247909.6 | 842388.2 | 135.3 | 10.238 | 6.886 | 33.9 | 12.338 | 6.7 | 9.818 | 0.916 | 0.990 | 47.2 | 1.348 | 0.2 | -0.749 | 0.891 | -49.9 | 1.164 |
| 247908.9 | 842387.5 | 135.2 | 10.246 | 6.893 | 33.9 | 12.349 | 6.7 | 9.827 | 0.920 | 0.995 | 47.2 | 1.355 | 0.2 | -0.724 | 0.861 | -50.0 | 1.125 |
| 247908.2 | 842386.8 | 135.3 | 10.272 | 6.917 | 34.0 | 12.384 | 6.6 | 9.855 | 0.924 | 1.001 | 47.3 | 1.362 | 0.2 | -0.726 | 0.862 | -49.9 | 1.127 |
| 247907.5 | 842386.1 | 135.3 | 10.302 | 6.944 | 34.0 | 12.424 | 6.6 | 9.887 | 0.928 | 1.007 | 47.3 | 1.370 | 0.2 | -0.729 | 0.864 | -49.9 | 1.130 |
| 247906.8 | 842385.3 | 135.4 | 10.361 | 6.995 | 34.0 | 12.502 | 6.6 | 9.948 | 0.934 | 1.014 | 47.4 | 1.378 | 0.2 | -0.777 | 0.915 | -49.7 | 1.201 |
| 247906.1 | 842384.6 | 135.4 | 10.435 | 7.060 | 34.1 | 12.599 | 6.5 | 10.026 | 0.939 | 1.021 | 47.4 | 1.388 | 0.1 | -0.846 | 0.990 | -49.5 | 1.302 |
| 247905.4 | 842383.9 | 135.5 | 10.485 | 7.104 | 34.1 | 12.665 | 6.5 | 10.079 | 0.945 | 1.029 | 47.4 | 1.397 | 0.1 | -0.866 | 1.011 | -49.4 | 1.331 |
| 247904.7 | 842383.2 | 135.5 | 10.510 | 7.127 | 34.1 | 12.698 | 6.5 | 10.105 | 0.950 | 1.037 | 47.5 | 1.406 | 0.1 | -0.834 | 0.977 | -49.5 | 1.284 |
| 247904.0 | 842382.5 | 135.5 | 10.537 | 7.151 | 34.2 | 12.734 | 6.5 | 10.134 | 0.956 | 1.044 | 47.5 | 1.416 | 0.1 | -0.800 | 0.941 | -49.6 | 1.236 |
| 247903.3 | 842381.8 | 135.5 | 10.576 | 7.185 | 34.2 | 12.786 | 6.4 | 10.174 | 0.962 | 1.052 | 47.6 | 1.426 | 0.1 | -0.783 | 0.923 | -49.7 | 1.210 |
| 247902.6 | 842381.0 | 135.6 | 10.666 | 7.265 | 34.3 | 12.905 | 6.4 | 10.269 | 0.969 | 1.061 | 47.6 | 1.437 | 0.1 | -0.851 | 1.000 | -49.6 | 1.313 |
| 247901.9 | 842380.3 | 135.7 | 10.767 | 7.353 | 34.3 | 13.038 | 6.3 | 10.376 | 0.976 | 1.070 | 47.6 | 1.449 | 0.0 | -0.931 | 1.091 | -49.5 | 1.434 |
| 247901.2 | 842379.6 | 135.8 | 10.892 | 7.462 | 34.4 | 13.202 | 6.3 | 10.506 | 0.984 | 1.080 | 47.7 | 1.461 | 0.0 | -1.045 | 1.219 | -49.4 | 1.605 |
| 247900.5 | 842378.9 | 135.9 | 10.993 | 7.551 | 34.5 | 13.336 | 6.2 | 10.613 | 0.991 | 1.089 | 47.7 | 1.473 | 0.1 | -1.112 | 1.297 | -49.4 | 1.709 |
| 247899.8 | 842378.2 | 135.9 | 11.062 | 7.611 | 34.5 | 13.428 | 6.2 | 10.685 | 0.999 | 1.098 | 47.7 | 1.485 | 0.1 | -1.119 | 1.309 | -49.5 | 1.722 |
| 247899.2 | 842377.4 | 136.0 | 11.133 | 7.674 | 34.6 | 13.522 | 6.2 | 10.760 | 1.006 | 1.108 | 47.7 | 1.497 | 0.1 | -1.123 | 1.319 | -49.6 | 1.733 |
| 247898.5 | 842376.7 | 135.9 | 11.167 | 7.704 | 34.6 | 13.567 | 6.2 | 10.796 | 1.014 | 1.117 | 47.8 | 1.508 | 0.2 | -1.060 | 1.256 | -49.8 | 1.643 |
| 247897.8 | 842376.0 | 135.9 | 11.216 | 7.747 | 34.6 | 13.631 | 6.1 | 10.847 | 1.021 | 1.126 | 47.8 | 1.520 | 0.2 | -1.016 | 1.214 | -50.1 | 1.583 |
| 247897.1 | 842375.3 | 135.8 | 11.229 | 7.758 | 34.6 | 13.648 | 6.1 | 10.861 | 1.029 | 1.135 | 47.8 | 1.532 | 0.3 | -0.906 | 1.100 | -50.5 | 1.425 |
| 247896.4 | 842374.6 | 135.7 | 11.230 | 7.759 | 34.6 | 13.650 | 6.1 | 10.862 | 1.036 | 1.144 | 47.8 | 1.543 | 0.4 | -0.771 | 0.959 | -51.2 | 1.231 |
| 247895.7 | 842373.9 | 135.8 | 11.303 | 7.822 | 34.7 | 13.746 | 6.1 | 10.938 | 1.045 | 1.154 | 47.8 | 1.557 | 0.4 | -0.751 | 0.945 | -51.5 | 1.208 |
| 247895.0 | 842373.1 | 135.8 | 11.366 | 7.877 | 34.7 | 13.829 | 6.0 | 11.005 | 1.053 | 1.164 | 47.9 | 1.570 | 0.5 | -0.710 | 0.908 | -52.0 | 1.152 |
| 247894.3 | 842372.4 | 135.8 | 11.430 | 7.933 | 34.8 | 13.914 | 6.0 | 11.072 | 1.062 | 1.175 | 47.9 | 1.584 | 0.5 | -0.664 | 0.867 | -52.5 | 1.092 |
| 247893.6 | 842371.7 | 135.8 | 11.496 | 7.990 | 34.8 | 14.000 | 6.0 | 11.141 | 1.072 | 1.186 | 47.9 | 1.599 | 0.6 | -0.615 | 0.821 | -53.2 | 1.026 |
| 247892.9 | 842371.0 | 135.8 | 11.563 | 8.048 | 34.8 | 14.088 | 6.0 | 11.211 | 1.082 | 1.198 | 47.9 | 1.614 | 0.6 | -0.562 | 0.771 | -53.9 | 0.954 |
| 247892.2 | 842370.3 | 135.8 | 11.631 | 8.107 | 34.9 | 14.177 | 5.9 | 11.282 | 1.092 | 1.210 | 47.9 | 1.630 | 0.6 | -0.504 | 0.716 | -54.9 | 0.875 |
| 247891.5 | 842369.5 | 135.8 | 11.700 | 8.167 | 34.9 | 14.268 | 5.9 | 11.354 | 1.102 | 1.222 | 48.0 | 1.646 | 0.7 | -0.441 | 0.655 | -56.0 | 0.790 |
| 247890.8 | 842368.8 | 135.8 | 11.770 | 8.227 | 35.0 | 14.360 | 5.9 | 11.427 | 1.113 | 1.236 | 48.0 | 1.663 | 0.7 | -0.374 | 0.589 | -57.6 | 0.698 |
| 247890.1 | 842368.1 | 135.8 | 11.842 | 8.290 | 35.0 | 14.455 | 5.8 | 11.503 | 1.125 | 1.249 | 48.0 | 1.681 | 0.7 | -0.305 | 0.520 | -59.6 | 0.603 |
| 247889.4 | 842367.4 | 135.9 | 11.948 | 8.383 | 35.1 | 14.596 | 5.8 | 11.615 | 1.137 | 1.264 | 48.0 | 1.700 | 0.7 | -0.285 | 0.506 | -60.6 | 0.581 |
| 247888.7 | 842366.7 | 135.9 | 12.034 | 8.457 | 35.1 | 14.709 | 5.8 | 11.705 | 1.149 | 1.279 | 48.1 | 1.720 | 0.8 | -0.226 | 0.447 | -63.2 | 0.501 |
| 247888.0 | 842366.0 | 136.0 | 12.189 | 8.593 | 35.2 | 14.914 | 5.7 | 11.868 | 1.163 | 1.295 | 48.1 | 1.741 | 0.7 | -0.273 | 0.506 | -61.6 | 0.575 |
| 247887.3 | 842365.2 | 136.1 | 12.340 | 8.726 | 35.3 | 15.114 | 5.7 | 12.027 | 1.176 | 1.312 | 48.1 | 1.762 | 0.7 | -0.307 | 0.549 | -60.8 | 0.629 |
| 247886.6 | 842364.5 | 136.2 | 12.492 | 8.860 | 35.3 | 15.315 | 5.6 | 12.188 | 1.190 | 1.329 | 48.2 | 1.784 | 0.7 | -0.336 | 0.587 | -60.2 | 0.677 |
| 247885.9 | 842363.8 | 136.3 | 12.644 | 8.993 | 35.4 | 15.515 | 5.6 | 12.347 | 1.204 | 1.347 | 48.2 | 1.807 | 0.7 | -0.357 | 0.615 | -59.9 | 0.711 |
| 247885.2 | 842363.1 | 136.4 | 12.797 | 9.128 | 35.5 | 15.719 | 5.5 | 12.509 | 1.218 | 1.365 | 48.2 | 1.829 | 0.7 | -0.376 | 0.641 | -59.6 | 0.743 |
| 247884.5 | 842362.4 | 136.7 | 13.042 | 9.346 | 35.6 | 16.045 | 5.4 | 12.768 | 1.233 | 1.384 | 48.3 | 1.853 | 0.6 | -0.532 | 0.819 | -57.0 | 0.977 |
| 247883.8 | 842361.7 | 136.9 | 13.318 | 9.592 | 35.8 | 16.413 | 5.3 | 13.061 | 1.249 | 1.403 | 48.3 | 1.878 | 0.6 | -0.727 | 1.040 | -55.1 | 1.269 |
| 247883.1 | 842360.9 | 137.2 | 13.608 | 9.852 | 35.9 | 16.801 | 5.2 | 13.369 | 1.264 | 1.423 | 48.4 | 1.904 | 0.5 | -0.933 | 1.275 | -53.8 | 1.580 |
| 247882.4 | 842360.2 | 137.4 | 13.920 | 10.132 | 36.1 | 17.217 | 5.1 | 13.701 | 1.281 | 1.444 | 48.4 | 1.930 | 0.4 | -1.160 | 1.532 | -52.9 | 1.922 |
| 247881.8 | 842359.5 | 137.7 | 14.194 | 10.379 | 36.2 | 17.584 | 5.0 | 13.993 | 1.297 | 1.464 | 48.5 | 1.955 | 0.4 | -1.322 | 1.718 | -52.4 | 2.168 |
| 247881.1 | 842358.8 | 137.9 | 14.449 | 10.610 | 36.3 | 17.926 | 4.9 | 14.265 | 1.312 | 1.484 | 48.5 | 1.981 | 0.4 | -1.450 | 1.864 | -52.1 | 2.362 |
| 247880.4 | 842358.1 | 138.0 | 14.693 | 10.831 | 36.4 | 18.254 | 4.8 | 14.526 | 1.328 | 1.504 | 48.5 | 2.006 | 0.4 | -1.555 | 1.986 | -51.9 | 2.523 |
| 247879.7 | 842357.3 | 138.1 | 14.897 | 11.015 | 36.5 | 18.527 | 4.7 | 14.744 | 1.344 | 1.523 | 48.6 | 2.031 | 0.4 | -1.599 | 2.038 | -51.9 | 2.590 |
| 247879.0 | 842356.6 | 138.2 | 15.070 | 11.171 | 36.5 | 18.758 | 4.6 | 14.928 | 1.359 | 1.543 | 48.6 | 2.056 | 0.4 | -1.595 | 2.035 | -51.9 | 2.585 |
| 247878.3 | 842355.9 | 138.3 | 15.237 | 11.322 | 36.6 | 18.982 | 4.5 | 15.106 | 1.374 | 1.562 | 48.7 | 2.080 | 0.4 | -1.579 | 2.019 | -52.0 | 2.563 |
| 247877.6 | 842355.2 | 138.2 | 15.244 | 11.325 | 36.6 | 18.991 | 4.5 | 15.112 | 1.387 | 1.579 | 48.7 | 2.102 | 0.4 | -1.342 | 1.753 | -52.5 | 2.208 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247876.9 | 842354.5 | 138.2 | 15.315 | 11.388 | 36.6 | 19.085 | 4.5 | 15.187 | 1.402 | 1.597 | 48.7 | 2.125 | 0.4 | -1.189 | 1.579 | -53.0 | 1.977 |
| 247876.2 | 842353.8 | 138.2 | 15.476 | 11.533 | 36.7 | 19.301 | 4.4 | 15.359 | 1.417 | 1.617 | 48.8 | 2.150 | 0.4 | -1.157 | 1.542 | -53.1 | 1.928 |
| 247875.5 | 842353.0 | 138.4 | 15.785 | 11.816 | 36.8 | 19.718 | 4.3 | 15.691 | 1.434 | 1.638 | 48.8 | 2.177 | 0.4 | -1.324 | 1.729 | -52.6 | 2.178 |
| 247874.8 | 842352.3 | 138.7 | 16.150 | 12.152 | 37.0 | 20.211 | 4.2 | 16.084 | 1.451 | 1.661 | 48.8 | 2.206 | 0.3 | -1.557 | 1.992 | -52.0 | 2.528 |
| 247874.1 | 842351.6 | 138.9 | 16.446 | 12.424 | 37.1 | 20.612 | 4.0 | 16.402 | 1.468 | 1.683 | 48.9 | 2.233 | 0.3 | -1.692 | 2.143 | -51.7 | 2.730 |
| 247873.4 | 842350.9 | 139.0 | 16.670 | 12.630 | 37.1 | 20.915 | 3.9 | 16.643 | 1.484 | 1.703 | 48.9 | 2.259 | 0.3 | -1.729 | 2.182 | -51.6 | 2.784 |
| 247872.7 | 842350.2 | 139.1 | 16.907 | 12.848 | 37.2 | 21.234 | 3.8 | 16.898 | 1.501 | 1.724 | 49.0 | 2.286 | 0.3 | -1.778 | 2.236 | -51.5 | 2.857 |
| 247872.0 | 842349.4 | 139.2 | 17.158 | 13.081 | 37.3 | 21.576 | 3.7 | 17.169 | 1.517 | 1.745 | 49.0 | 2.312 | 0.3 | -1.845 | 2.309 | -51.4 | 2.956 |
| 247871.3 | 842348.7 | 139.3 | 17.409 | 13.312 | 37.4 | 21.915 | 3.6 | 17.440 | 1.533 | 1.765 | 49.0 | 2.338 | 0.4 | -1.907 | 2.377 | -51.3 | 3.048 |
| 247870.6 | 842348.0 | 139.4 | 17.597 | 13.486 | 37.5 | 22.171 | 3.5 | 17.643 | 1.548 | 1.785 | 49.1 | 2.363 | 0.4 | -1.891 | 2.355 | -51.2 | 3.020 |
| 247869.9 | 842347.3 | 139.4 | 17.753 | 13.629 | 37.5 | 22.381 | 3.5 | 17.810 | 1.563 | 1.803 | 49.1 | 2.386 | 0.3 | -1.833 | 2.287 | -51.3 | 2.931 |
| 247869.2 | 842346.6 | 139.5 | 17.937 | 13.799 | 37.6 | 22.631 | 3.4 | 18.009 | 1.577 | 1.822 | 49.1 | 2.410 | 0.3 | -1.811 | 2.259 | -51.3 | 2.895 |
| 247868.5 | 842345.9 | 139.5 | 18.094 | 13.943 | 37.6 | 22.843 | 3.3 | 18.178 | 1.592 | 1.840 | 49.1 | 2.433 | 0.3 | -1.756 | 2.193 | -51.3 | 2.809 |
| 247867.8 | 842345.1 | 139.5 | 18.251 | 14.089 | 37.7 | 23.057 | 3.3 | 18.348 | 1.606 | 1.857 | 49.2 | 2.455 | 0.3 | -1.703 | 2.130 | -51.4 | 2.727 |
| 247867.1 | 842344.4 | 139.6 | 18.500 | 14.321 | 37.7 | 23.395 | 3.2 | 18.617 | 1.620 | 1.875 | 49.2 | 2.478 | 0.3 | -1.763 | 2.197 | -51.3 | 2.816 |
| 247866.4 | 842343.7 | 139.7 | 18.774 | 14.577 | 37.8 | 23.769 | 3.0 | 18.914 | 1.634 | 1.893 | 49.2 | 2.501 | 0.3 | -1.852 | 2.298 | -51.1 | 2.952 |
| 247865.7 | 842343.0 | 139.8 | 18.930 | 14.721 | 37.9 | 23.981 | 3.0 | 19.083 | 1.647 | 1.909 | 49.2 | 2.521 | 0.3 | -1.802 | 2.240 | -51.2 | 2.875 |
| 247865.0 | 842342.3 | 139.7 | 19.009 | 14.792 | 37.9 | 24.086 | 2.9 | 19.167 | 1.659 | 1.923 | 49.2 | 2.540 | 0.3 | -1.662 | 2.079 | -51.4 | 2.662 |
| 247864.4 | 842341.5 | 139.8 | 19.171 | 14.942 | 37.9 | 24.306 | 2.9 | 19.342 | 1.671 | 1.938 | 49.2 | 2.559 | 0.2 | -1.624 | 2.036 | -51.4 | 2.604 |
| 247863.7 | 842340.8 | 139.8 | 19.355 | 15.113 | 38.0 | 24.557 | 2.8 | 19.542 | 1.683 | 1.952 | 49.2 | 2.578 | 0.2 | -1.616 | 2.028 | -51.4 | 2.593 |
| 247863.0 | 842340.1 | 139.9 | 19.548 | 15.293 | 38.0 | 24.819 | 2.7 | 19.750 | 1.695 | 1.966 | 49.2 | 2.596 | 0.2 | -1.620 | 2.034 | -51.5 | 2.601 |
| 247862.3 | 842339.4 | 139.9 | 19.744 | 15.476 | 38.1 | 25.086 | 2.6 | 19.963 | 1.706 | 1.979 | 49.2 | 2.613 | 0.2 | -1.633 | 2.051 | -51.5 | 2.621 |
| 247861.6 | 842338.7 | 140.0 | 19.943 | 15.663 | 38.1 | 25.359 | 2.5 | 20.180 | 1.717 | 1.992 | 49.2 | 2.630 | 0.2 | -1.652 | 2.076 | -51.5 | 2.653 |
| 247860.9 | 842338.0 | 140.0 | 20.149 | 15.855 | 38.2 | 25.639 | 2.4 | 20.403 | 1.728 | 2.004 | 49.2 | 2.646 | 0.3 | -1.682 | 2.114 | -51.5 | 2.701 |
| 247860.2 | 842337.2 | 140.1 | 20.359 | 16.053 | 38.3 | 25.926 | 2.3 | 20.632 | 1.738 | 2.015 | 49.2 | 2.661 | 0.3 | -1.721 | 2.163 | -51.5 | 2.764 |
| 247859.5 | 842336.5 | 140.1 | 20.563 | 16.244 | 38.3 | 26.205 | 2.2 | 20.854 | 1.747 | 2.026 | 49.2 | 2.675 | 0.3 | -1.757 | 2.210 | -51.5 | 2.823 |
| 247858.8 | 842335.8 | 140.1 | 20.678 | 16.350 | 38.3 | 26.361 | 2.2 | 20.977 | 1.756 | 2.035 | 49.2 | 2.687 | 0.3 | -1.696 | 2.144 | -51.7 | 2.734 |
| 247858.1 | 842335.1 | 140.1 | 20.756 | 16.420 | 38.3 | 26.466 | 2.2 | 21.061 | 1.763 | 2.043 | 49.2 | 2.699 | 0.3 | -1.599 | 2.038 | -51.9 | 2.591 |
| 247857.4 | 842334.4 | 140.1 | 20.834 | 16.490 | 38.4 | 26.570 | 2.1 | 21.144 | 1.771 | 2.050 | 49.2 | 2.709 | 0.3 | -1.507 | 1.939 | -52.1 | 2.455 |
| 247856.7 | 842333.6 | 140.0 | 20.911 | 16.560 | 38.4 | 26.674 | 2.1 | 21.226 | 1.777 | 2.057 | 49.2 | 2.719 | 0.3 | -1.420 | 1.845 | -52.4 | 2.328 |
| 247856.0 | 842332.9 | 140.0 | 21.006 | 16.647 | 38.4 | 26.803 | 2.1 | 21.329 | 1.784 | 2.064 | 49.2 | 2.728 | 0.3 | -1.360 | 1.784 | -52.7 | 2.243 |
| 247855.3 | 842332.2 | 140.0 | 21.150 | 16.781 | 38.4 | 26.998 | 2.0 | 21.485 | 1.790 | 2.070 | 49.1 | 2.736 | 0.3 | -1.360 | 1.791 | -52.8 | 2.249 |
| 247854.6 | 842331.5 | 140.0 | 21.310 | 16.931 | 38.5 | 27.217 | 1.9 | 21.659 | 1.796 | 2.075 | 49.1 | 2.744 | 0.4 | -1.386 | 1.828 | -52.8 | 2.294 |
| 247853.9 | 842330.8 | 140.0 | 21.472 | 17.081 | 38.5 | 27.437 | 1.8 | 21.834 | 1.801 | 2.080 | 49.1 | 2.751 | 0.4 | -1.418 | 1.873 | -52.9 | 2.349 |
| 247853.2 | 842330.1 | 140.1 | 21.633 | 17.233 | 38.5 | 27.658 | 1.8 | 22.010 | 1.806 | 2.084 | 49.1 | 2.757 | 0.4 | -1.455 | 1.924 | -52.9 | 2.412 |
| 247852.5 | 842329.3 | 140.0 | 21.642 | 17.236 | 38.5 | 27.667 | 1.8 | 22.017 | 1.809 | 2.087 | 49.1 | 2.762 | 0.4 | -1.330 | 1.787 | -53.4 | 2.228 |
| 247851.8 | 842328.6 | 140.0 | 21.733 | 17.319 | 38.6 | 27.789 | 1.7 | 22.114 | 1.812 | 2.089 | 49.1 | 2.766 | 0.5 | -1.301 | 1.762 | -53.6 | 2.191 |
| 247851.1 | 842327.9 | 140.0 | 21.855 | 17.432 | 38.6 | 27.956 | 1.7 | 22.246 | 1.815 | 2.092 | 49.0 | 2.770 | 0.5 | -1.314 | 1.784 | -53.6 | 2.216 |
| 247850.4 | 842327.2 | 139.9 | 21.860 | 17.431 | 38.6 | 27.958 | 1.7 | 22.249 | 1.818 | 2.093 | 49.0 | 2.772 | 0.5 | -1.202 | 1.662 | -54.1 | 2.051 |
| 247849.7 | 842326.5 | 139.8 | 21.917 | 17.481 | 38.6 | 28.035 | 1.7 | 22.309 | 1.819 | 2.094 | 49.0 | 2.774 | 0.6 | -1.155 | 1.614 | -54.4 | 1.985 |
| 247849.0 | 842325.7 | 139.9 | 22.061 | 17.616 | 38.6 | 28.232 | 1.6 | 22.466 | 1.822 | 2.096 | 49.0 | 2.777 | 0.6 | -1.208 | 1.681 | -54.3 | 2.070 |
| 247848.3 | 842325.0 | 139.9 | 22.206 | 17.751 | 38.6 | 28.429 | 1.5 | 22.623 | 1.823 | 2.097 | 49.0 | 2.779 | 0.7 | -1.267 | 1.752 | -54.1 | 2.162 |
| 247847.6 | 842324.3 | 139.8 | 22.209 | 17.748 | 38.6 | 28.430 | 1.5 | 22.624 | 1.824 | 2.097 | 49.0 | 2.780 | 0.7 | -1.176 | 1.651 | -54.5 | 2.027 |
| 247847.0 | 842323.6 | 139.7 | 22.204 | 17.738 | 38.6 | 28.419 | 1.5 | 22.615 | 1.825 | 2.098 | 49.0 | 2.780 | 0.7 | -1.080 | 1.543 | -55.0 | 1.883 |
| 247846.3 | 842322.9 | 139.7 | 22.337 | 17.861 | 38.6 | 28.600 | 1.5 | 22.759 | 1.826 | 2.099 | 49.0 | 2.782 | 0.7 | -1.139 | 1.612 | -54.8 | 1.974 |
| 247845.6 | 842322.2 | 139.7 | 22.495 | 18.009 | 38.7 | 28.816 | 1.4 | 22.931 | 1.827 | 2.101 | 49.0 | 2.784 | 0.8 | -1.229 | 1.715 | -54.4 | 2.110 |
| 247844.9 | 842321.4 | 139.8 | 22.654 | 18.158 | 38.7 | 29.033 | 1.3 | 23.104 | 1.828 | 2.102 | 49.0 | 2.786 | 0.9 | -1.321 | 1.820 | -54.0 | 2.249 |
| 247844.2 | 842320.7 | 139.8 | 22.789 | 18.284 | 38.7 | 29.217 | 1.3 | 23.250 | 1.830 | 2.104 | 49.0 | 2.788 | 0.9 | -1.391 | 1.897 | -53.8 | 2.352 |
| 247843.5 | 842320.0 | 139.7 | 22.823 | 18.311 | 38.7 | 29.261 | 1.2 | 23.285 | 1.830 | 2.105 | 49.0 | 2.789 | 0.9 | -1.356 | 1.854 | -53.8 | 2.297 |
| 247842.8 | 842319.3 | 139.7 | 22.845 | 18.327 | 38.7 | 29.288 | 1.2 | 23.307 | 1.830 | 2.106 | 49.0 | 2.790 | 0.9 | -1.311 | 1.798 | -53.9 | 2.225 |
| 247842.1 | 842318.6 | 139.6 | 22.915 | 18.388 | 38.7 | 29.380 | 1.2 | 23.380 | 1.831 | 2.107 | 49.0 | 2.791 | 0.9 | -1.318 | 1.802 | -53.8 | 2.232 |
| 247841.4 | 842317.8 | 139.6 | 23.033 | 18.498 | 38.8 | 29.542 | 1.2 | 23.508 | 1.832 | 2.109 | 49.0 | 2.793 | 0.9 | -1.379 | 1.867 | -53.5 | 2.321 |
| 247840.7 | 842317.1 | 139.5 | 22.974 | 18.434 | 38.7 | 29.455 | 1.2 | 23.440 | 1.832 | 2.109 | 49.0 | 2.793 | 0.9 | -1.255 | 1.718 | -53.9 | 2.128 |
| 247840.0 | 842316.4 | 139.5 | 22.974 | 18.428 | 38.7 | 29.452 | 1.2 | 23.437 | 1.832 | 2.110 | 49.0 | 2.794 | 0.9 | -1.195 | 1.644 | -54.0 | 2.032 |
| 247839.3 | 842315.7 | 139.4 | 23.071 | 18.516 | 38.7 | 29.582 | 1.2 | 23.540 | 1.833 | 2.112 | 49.0 | 2.796 | 0.9 | -1.239 | 1.687 | -53.7 | 2.093 |
| 247838.6 | 842315.0 | 139.4 | 23.166 | 18.602 | 38.8 | 29.710 | 1.1 | 23.643 | 1.833 | 2.113 | 49.1 | 2.798 | 0.9 | -1.282 | 1.731 | -53.5 | 2.154 |
| 247837.9 | 842314.3 | 139.4 | 23.261 | 18.688 | 38.8 | 29.838 | 1.1 | 23.745 | 1.834 | 2.115 | 49.1 | 2.799 | 0.9 | -1.326 | 1.776 | -53.2 | 2.216 |
| 247837.2 | 842313.5 | 139.4 | 23.355 | 18.774 | 38.8 | 29.965 | 1.0 | 23.845 | 1.835 | 2.116 | 49.1 | 2.801 | 0.9 | -1.370 | 1.821 | -53.0 | 2.279 |
| 247836.5 | 842312.8 | 139.4 | 23.448 | 18.859 | 38.8 | 30.091 | 1.0 | 23.946 | 1.836 | 2.118 | 49.1 | 2.803 | 0.9 | -1.414 | 1.867 | -52.9 | 2.342 |
| 247835.8 | 842312.1 | 139.4 | 23.541 | 18.943 | 38.8 | 30.216 | 0.9 | 24.045 | 1.837 | 2.119 | 49.1 | 2.805 | 0.9 | -1.458 | 1.913 | -52.7 | 2.405 |
| 247835.1 | 842311.4 | 139.4 | 23.633 | 19.026 | 38.8 | 30.340 | 0.9 | 24.144 | 1.838 | 2.120 | 49.1 | 2.806 | 0.9 | -1.502 | 1.960 | -52.5 | 2.469 |
| 247834.4 | 842310.7 | 139.3 | 23.679 | 19.065 | 38.8 | 30.400 | 0.9 | 24.192 | 1.839 | 2.121 | 49.1 | 2.807 | 0.9 | -1.499 | 1.954 | -52.5 | 2.463 |
| 247833.7 | 842310.0 | 139.3 | 23.717 | 19.095 | 38.8 | 30.449 | 0.9 | 24.230 | 1.839 | 2.121 | 49.1 | 2.808 | 0.9 | -1.488 | 1.940 | -52.5 | 2.445 |
| 247833.0 | 842309.2 | 139.2 | 23.754 | 19.124 | 38.8 | 30.496 | 0.9 | 24.268 | 1.840 | 2.122 | 49.1 | 2.808 | 0.9 | -1.477 | 1.926 | -52.5 | 2.427 |
| 247832.3 | 842308.5 | 139.2 | 23.790 | 19.153 | 38.8 | 30.541 | 0.8 | 24.304 | 1.841 | 2.122 | 49.1 | 2.809 | 0.9 | -1.464 | 1.912 | -52.6 | 2.408 |
| 247831.6 | 842307.8 | 139.1 | 23.779 | 19.135 | 38.8 | 30.522 | 0.9 | 24.288 | 1.841 | 2.122 | 49.1 | 2.809 | 0.8 | -1.403 | 1.844 | -52.7 | 2.317 |
| 247830.9 | 842307.1 | 139.1 | 23.747 | 19.096 | 38.8 | 30.472 | 0.9 | 24.249 | 1.842 | 2.122 | 49.0 | 2.809 | 0.8 | -1.321 | 1.751 | -53.0 | 2.193 |
| 247830.2 | 842306.4 | 139.0 | 23.764 | 19.106 | 38.8 | 30.492 | 0.9 | 24.264 | 1.842 | 2.122 | 49.0 | 2.810 | 0.8 | -1.289 | 1.717 | -53.1 | 2.147 |
| 247829.6 | 842305.6 | 139.0 | 23.820 | 19.154 | 38.8 | 30.565 | 0.8 | 24.323 | 1.844 | 2.123 | 49.0 | 2.812 | 0.8 | -1.296 | 1.730 | -53.2 | 2.162 |
| 247828.9 | 842304.9 | 138.9 | 23.865 | 19.191 | 38.8 | 30.624 | 0.8 | 24.370 | 1.845 | 2.123 | 49.0 | 2.813 | 0.8 | -1.292 | 1.730 | -53.2 | 2.159 |
| 247828.2 | 842304.2 | 138.9 | 23.857 | 19.175 | 38.8 | 30.608 | 0.8 | 24.357 | 1.846 | 2.124 | 49.0 | 2.814 | 0.8 | -1.232 | 1.667 | -53.5 | 2.073 |
| 247827.5 | 842303.5 | 138.8 | 23.800 | 19.112 | 38.8 | 30.524 | 0.9 | 24.290 | 1.847 | 2.123 | 49.0 | 2.814 | 0.8 | -1.122 | 1.547 | -54.0 | 1.911 |
| 247826.8 | 842302.8 | 138.8 | 23.908 | 19.211 | 38.8 | 30.670 | 0.8 | 24.407 | 1.849 | 2.125 | 49.0 | 2.816 | 0.8 | -1.181 | 1.622 | -53.9 | 2.007 |
| 247826.1 | 842302.1 | 138.8 | 24.024 | 19.317 | 38.8 | 30.827 | 0.8 | 24.531 | 1.851 | 2.126 | 49.0 | 2.819 | 0.8 | -1.247 | 1.705 | -53.8 | 2.112 |
| 247825.4 | 842301.3 | 138.8 | 24.203 | 19.486 | 38.8 | 31.072 | 0.7 | 24.727 | 1.853 | 2.128 | 48.9 | 2.822 | 0.9 | -1.376 | 1.861 | -53.5 | 2.314 |
| 247824.7 | 842300.6 | 138.9 | 24.389 | 19.661 | 38.9 | 31.327 | 0.6 | 24.929 | 1.856 | 2.131 | 48.9 | 2.826 | 1.0 | -1.510 | 2.022 | -53.3 | 2.523 |
| 247824.0 | 842299.9 | 138.9 | 24.501 | 19.763 | 38.9 | 31.479 | 0.6 | 25.050 | 1.859 | 2.132 | 48.9 | 2.829 | 1.0 | -1.568 | 2.097 | -53.2 | 2.619 |
| 247823.3 | 842299.2 | 138.9 | 24.613 | 19.865 | 38.9 | 31.630 | 0.5 | 25.170 | 1.861 | 2.134 | 48.9 | 2.832 | 1.1 | -1.624 | 2.171 | -53.2 | 2.711 |
| 247822.6 | 842298.5 | 138.8 | 24.494 | 19.740 | 38.9 | 31.458 | 0.6 | 25.034 | 1.861 | 2.133 | 48.9 | 2.831 | 1.0 | -1.448 | 1.980 | -53.8 | 2.453 |
| 247821.9 | 842297.7 | 138.7 | 24.515 | 19.754 | 38.9 | 31.483 | 0.6 | 25.054 | 1.863 | 2.133 | 48.9 | 2.832 | 1.0 | -1.412 | 1.950 | -54.1 | 2.408 |
| 247821.2 | 842297.0 | 138.7 | 24.617 | 19.845 | 38.9 | 31.620 | 0.5 | 25.162 | 1.866 | 2.135 | 48.9 | 2.835 | 1.1 | -1.455 | 2.010 | -54.1 | 2.481 |
| 247820.5 | 842296.3 | 138.8 | 24.717 | 19.936 | 38.9 | 31.755 | 0.5 | 25.270 | 1.868 | 2.137 | 48.8 | 2.838 | 1.1 | -1.496 | 2.067 | -54.1 | 2.552 |
| 247819.8 | 842295.6 | 138.7 | 24.711 | 19.922 | 38.9 | 31.741 | 0.5 | 25.259 | 1.870 | 2.137 | 48.8 | 2.839 | 1.1 | -1.429 | 2.001 | -54.5 | 2.459 |
| 247819.1 | 842294.9 | 138.6 | 24.619 | 19.823 | 38.8 | 31.607 | 0.5 | 25.152 | 1.871 | 2.136 | 48.8 | 2.840 | 1.1 | -1.275 | 1.836 | -55.2 | 2.235 |
| 247818.4 | 842294.2 | 138.6 | 24.740 | 19.934 | 38.9 | 31.772 | 0.5 | 25.283 | 1.874 | 2.139 | 48.8 | 2.843 | 1.2 | -1.333 | 1.913 | -55.1 | 2.331 |
| 247817.7 | 842293.4 | 138.7 | 24.908 | 20.091 | 38.9 | 32.001 | 0.4 | 25.465 | 1.877 | 2.142 | 48.8 | 2.848 | 1.2 | -1.435 | 2.038 | -54.9 | 2.493 |
| 247817.0 | 842292.7 | 138.7 | 25.075 | 20.248 | 38.9 | 32.230 | 0.3 | 25.648 | 1.881 | 2.145 | 48.8 | 2.853 | 1.3 | -1.534 | 2.160 | -54.6 | 2.650 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247816.3 | 842292.0 | 138.7 | 25.125 | 20.288 | 38.9 | 32.293 | 0.3 | 25.698 | 1.884 | 2.147 | 48.7 | 2.857 | 1.3 | -1.515 | 2.146 | -54.8 | 2.627 |
| 247815.6 | 842291.3 | 138.6 | 25.107 | 20.261 | 38.9 | 32.263 | 0.3 | 25.674 | 1.887 | 2.149 | 48.7 | 2.860 | 1.3 | -1.427 | 2.054 | -55.2 | 2.501 |
| 247814.9 | 842290.6 | 138.6 | 25.081 | 20.228 | 38.9 | 32.222 | 0.4 | 25.641 | 1.889 | 2.151 | 48.7 | 2.863 | 1.3 | -1.329 | 1.951 | -55.7 | 2.361 |
| 247814.2 | 842289.8 | 138.5 | 25.095 | 20.233 | 38.9 | 32.236 | 0.4 | 25.653 | 1.893 | 2.153 | 48.7 | 2.867 | 1.3 | -1.270 | 1.889 | -56.1 | 2.276 |
| 247813.5 | 842289.1 | 138.5 | 25.045 | 20.221 | 38.9 | 32.189 | 0.4 | 25.615 | 1.885 | 2.148 | 48.7 | 2.858 | 1.2 | -1.148 | 1.775 | -57.1 | 2.114 |
| 247812.8 | 842288.4 | 138.4 | 25.071 | 20.237 | 38.9 | 32.219 | 0.4 | 25.639 | 1.889 | 2.151 | 48.7 | 2.862 | 1.2 | -1.098 | 1.721 | -57.5 | 2.042 |
| 247812.2 | 842287.7 | 138.4 | 25.101 | 20.257 | 38.9 | 32.255 | 0.3 | 25.668 | 1.892 | 2.154 | 48.7 | 2.867 | 1.2 | -1.050 | 1.671 | -57.8 | 1.973 |
| 247811.5 | 842287.0 | 138.4 | 25.120 | 20.266 | 38.9 | 32.276 | 0.3 | 25.684 | 1.896 | 2.157 | 48.7 | 2.872 | 1.2 | -0.991 | 1.606 | -58.3 | 1.887 |
| 247810.8 | 842286.3 | 138.4 | 25.274 | 20.409 | 38.9 | 32.486 | 0.3 | 25.851 | 1.900 | 2.162 | 48.7 | 2.879 | 1.2 | -1.066 | 1.692 | -57.8 | 2.000 |
| 247810.1 | 842285.5 | 138.4 | 25.299 | 20.424 | 38.9 | 32.515 | 0.3 | 25.874 | 1.904 | 2.165 | 48.7 | 2.883 | 1.2 | -1.013 | 1.631 | -58.2 | 1.920 |
| 247809.4 | 842284.8 | 138.3 | 25.316 | 20.434 | 38.9 | 32.533 | 0.2 | 25.889 | 1.916 | 2.172 | 48.6 | 2.896 | 1.2 | -0.973 | 1.548 | -57.8 | 1.828 |
| 247808.7 | 842284.1 | 138.3 | 25.394 | 20.501 | 38.9 | 32.637 | 0.2 | 25.972 | 1.920 | 2.175 | 48.6 | 2.901 | 1.2 | -0.974 | 1.548 | -57.8 | 1.828 |
| 247808.0 | 842283.4 | 138.3 | 25.480 | 20.577 | 38.9 | 32.751 | 0.2 | 26.063 | 1.923 | 2.178 | 48.6 | 2.905 | 1.1 | -0.982 | 1.556 | -57.7 | 1.840 |
| 247807.3 | 842282.7 | 138.3 | 25.563 | 20.648 | 38.9 | 32.860 | 0.2 | 26.149 | 1.926 | 2.181 | 48.5 | 2.909 | 1.1 | -0.988 | 1.562 | -57.7 | 1.848 |
| 247806.6 | 842281.9 | 138.4 | 25.644 | 20.719 | 38.9 | 32.968 | 0.2 | 26.235 | 1.929 | 2.183 | 48.5 | 2.913 | 1.1 | -0.994 | 1.567 | -57.6 | 1.856 |
| 247805.9 | 842281.2 | 138.3 | 25.708 | 20.772 | 38.9 | 33.051 | 0.2 | 26.301 | 1.931 | 2.185 | 48.5 | 2.916 | 1.1 | -0.984 | 1.554 | -57.7 | 1.840 |
| 247805.2 | 842280.5 | 138.3 | 25.720 | 20.773 | 38.9 | 33.061 | 0.2 | 26.309 | 1.933 | 2.187 | 48.5 | 2.919 | 1.1 | -0.924 | 1.484 | -58.1 | 1.748 |
| 247804.5 | 842279.8 | 138.3 | 25.854 | 20.894 | 38.9 | 33.241 | 0.2 | 26.453 | 1.936 | 2.189 | 48.5 | 2.922 | 1.1 | -0.986 | 1.552 | -57.6 | 1.839 |
| 247803.8 | 842279.1 | 138.4 | 25.956 | 20.985 | 39.0 | 33.378 | 0.2 | 26.561 | 1.938 | 2.191 | 48.5 | 2.925 | 1.1 | -1.020 | 1.587 | -57.3 | 1.886 |
| 247803.1 | 842278.4 | 138.4 | 26.058 | 21.076 | 39.0 | 33.514 | 0.2 | 26.669 | 1.940 | 2.193 | 48.5 | 2.928 | 1.1 | -1.054 | 1.622 | -57.0 | 1.935 |
| 247802.4 | 842277.6 | 138.3 | 26.071 | 21.078 | 39.0 | 33.525 | 0.2 | 26.679 | 1.942 | 2.194 | 48.5 | 2.930 | 1.1 | -1.003 | 1.561 | -57.3 | 1.856 |
| 247801.7 | 842276.9 | 138.3 | 26.127 | 21.123 | 39.0 | 33.598 | 0.2 | 26.736 | 1.943 | 2.195 | 48.5 | 2.932 | 1.1 | -0.998 | 1.552 | -57.3 | 1.845 |
| 247801.0 | 842276.2 | 138.4 | 26.214 | 21.198 | 39.0 | 33.713 | 0.2 | 26.828 | 1.945 | 2.196 | 48.5 | 2.934 | 1.1 | -1.024 | 1.578 | -57.0 | 1.881 |
| 247800.3 | 842275.5 | 138.4 | 26.300 | 21.273 | 39.0 | 33.826 | 0.3 | 26.918 | 1.946 | 2.198 | 48.5 | 2.936 | 1.1 | -1.053 | 1.606 | -56.7 | 1.920 |
| 247799.6 | 842274.8 | 138.4 | 26.401 | 21.362 | 39.0 | 33.961 | 0.3 | 27.025 | 1.948 | 2.199 | 48.5 | 2.937 | 1.1 | -1.099 | 1.653 | -56.4 | 1.986 |
| 247798.9 | 842274.0 | 138.4 | 26.571 | 21.520 | 39.0 | 34.193 | 0.4 | 27.210 | 1.949 | 2.200 | 48.5 | 2.939 | 1.2 | -1.216 | 1.780 | -55.7 | 2.156 |
| 247798.2 | 842273.3 | 138.5 | 26.741 | 21.677 | 39.0 | 34.424 | 0.4 | 27.394 | 1.950 | 2.201 | 48.5 | 2.941 | 1.2 | -1.334 | 1.910 | -55.1 | 2.330 |
| 247797.5 | 842272.6 | 138.5 | 26.869 | 21.793 | 39.0 | 34.596 | 0.5 | 27.531 | 1.951 | 2.202 | 48.5 | 2.942 | 1.3 | -1.415 | 1.997 | -54.7 | 2.448 |
| 247796.8 | 842271.9 | 138.5 | 26.879 | 21.791 | 39.0 | 34.602 | 0.5 | 27.536 | 1.951 | 2.201 | 48.5 | 2.941 | 1.2 | -1.386 | 1.961 | -54.7 | 2.402 |
| 247796.1 | 842271.2 | 138.5 | 26.887 | 21.788 | 39.0 | 34.607 | 0.5 | 27.539 | 1.950 | 2.200 | 48.4 | 2.940 | 1.2 | -1.360 | 1.929 | -54.8 | 2.360 |
| 247795.4 | 842270.5 | 138.4 | 26.895 | 21.784 | 39.0 | 34.610 | 0.5 | 27.542 | 1.949 | 2.198 | 48.4 | 2.938 | 1.2 | -1.336 | 1.900 | -54.9 | 2.323 |
| 247794.8 | 842269.7 | 138.4 | 26.929 | 21.807 | 39.0 | 34.651 | 0.5 | 27.575 | 1.948 | 2.196 | 48.4 | 2.936 | 1.2 | -1.343 | 1.907 | -54.8 | 2.333 |
| 247794.1 | 842269.0 | 138.5 | 27.040 | 21.905 | 39.0 | 34.800 | 0.5 | 27.693 | 1.947 | 2.195 | 48.4 | 2.934 | 1.2 | -1.428 | 2.002 | -54.5 | 2.459 |
| 247793.4 | 842268.3 | 138.5 | 27.126 | 21.978 | 39.0 | 34.912 | 0.6 | 27.782 | 1.946 | 2.192 | 48.4 | 2.932 | 1.3 | -1.492 | 2.074 | -54.3 | 2.555 |
| 247792.7 | 842267.6 | 138.4 | 27.053 | 21.894 | 39.0 | 34.803 | 0.5 | 27.695 | 1.944 | 2.189 | 48.4 | 2.927 | 1.2 | -1.408 | 1.982 | -54.6 | 2.431 |
| 247792.0 | 842266.9 | 138.3 | 26.980 | 21.809 | 39.0 | 34.692 | 0.5 | 27.607 | 1.941 | 2.184 | 48.4 | 2.922 | 1.2 | -1.328 | 1.894 | -55.0 | 2.313 |
| 247791.3 | 842266.2 | 138.3 | 26.906 | 21.723 | 38.9 | 34.580 | 0.4 | 27.518 | 1.938 | 2.180 | 48.4 | 2.917 | 1.2 | -1.250 | 1.809 | -55.4 | 2.199 |
| 247790.6 | 842265.4 | 138.2 | 26.835 | 21.641 | 38.9 | 34.474 | 0.4 | 27.433 | 1.935 | 2.175 | 48.3 | 2.911 | 1.1 | -1.179 | 1.733 | -55.8 | 2.096 |
| 247789.9 | 842264.7 | 138.2 | 26.822 | 21.616 | 38.9 | 34.448 | 0.4 | 27.413 | 1.932 | 2.171 | 48.3 | 2.906 | 1.2 | -1.168 | 1.725 | -55.9 | 2.083 |
| 247789.2 | 842264.0 | 138.2 | 26.837 | 21.618 | 38.9 | 34.461 | 0.4 | 27.423 | 1.929 | 2.167 | 48.3 | 2.902 | 1.2 | -1.187 | 1.750 | -55.9 | 2.114 |
| 247788.5 | 842263.3 | 138.2 | 26.850 | 21.619 | 38.8 | 34.472 | 0.4 | 27.432 | 1.926 | 2.164 | 48.3 | 2.897 | 1.2 | -1.207 | 1.777 | -55.8 | 2.148 |
| 247787.8 | 842262.6 | 138.1 | 26.845 | 21.601 | 38.8 | 34.456 | 0.3 | 27.419 | 1.924 | 2.160 | 48.3 | 2.892 | 1.3 | -1.212 | 1.786 | -55.8 | 2.158 |
| 247787.1 | 842261.8 | 138.1 | 26.839 | 21.583 | 38.8 | 34.441 | 0.3 | 27.407 | 1.921 | 2.156 | 48.3 | 2.888 | 1.3 | -1.219 | 1.797 | -55.9 | 2.172 |
| 247786.4 | 842261.1 | 138.1 | 26.853 | 21.583 | 38.8 | 34.452 | 0.3 | 27.416 | 1.918 | 2.153 | 48.3 | 2.883 | 1.3 | -1.246 | 1.832 | -55.8 | 2.215 |
| 247785.7 | 842260.4 | 138.1 | 26.870 | 21.587 | 38.8 | 34.468 | 0.3 | 27.428 | 1.915 | 2.150 | 48.3 | 2.879 | 1.4 | -1.278 | 1.871 | -55.7 | 2.266 |
| 247785.0 | 842259.7 | 138.1 | 26.886 | 21.590 | 38.8 | 34.482 | 0.3 | 27.440 | 1.913 | 2.147 | 48.3 | 2.876 | 1.4 | -1.311 | 1.910 | -55.5 | 2.317 |
| 247784.3 | 842259.0 | 138.0 | 26.892 | 21.583 | 38.7 | 34.482 | 0.3 | 27.440 | 1.910 | 2.144 | 48.3 | 2.872 | 1.5 | -1.336 | 1.939 | -55.4 | 2.355 |
| 247783.6 | 842258.3 | 137.8 | 26.441 | 21.123 | 38.6 | 33.843 | 0.2 | 26.931 | 1.905 | 2.137 | 48.3 | 2.863 | 1.3 | -0.916 | 1.470 | -58.1 | 1.732 |
| 247782.9 | 842257.5 | 137.8 | 26.433 | 21.102 | 38.6 | 33.823 | 0.2 | 26.915 | 1.902 | 2.134 | 48.3 | 2.859 | 1.3 | -0.929 | 1.485 | -58.0 | 1.751 |
| 247782.2 | 842256.8 | 137.8 | 26.523 | 21.177 | 38.6 | 33.940 | 0.2 | 27.009 | 1.900 | 2.132 | 48.3 | 2.856 | 1.4 | -1.039 | 1.609 | -57.1 | 1.915 |
| 247781.5 | 842256.1 | 137.8 | 26.570 | 21.210 | 38.6 | 33.997 | 0.2 | 27.054 | 1.897 | 2.130 | 48.3 | 2.853 | 1.4 | -1.108 | 1.685 | -56.7 | 2.017 |
| 247780.8 | 842255.4 | 137.8 | 26.615 | 21.242 | 38.6 | 34.053 | 0.2 | 27.098 | 1.895 | 2.128 | 48.3 | 2.850 | 1.5 | -1.176 | 1.760 | -56.3 | 2.116 |
| 247780.1 | 842254.7 | 137.8 | 26.582 | 21.195 | 38.6 | 33.998 | 0.2 | 27.054 | 1.892 | 2.125 | 48.3 | 2.846 | 1.5 | -1.166 | 1.747 | -56.3 | 2.100 |
| 247779.4 | 842253.9 | 137.7 | 26.525 | 21.125 | 38.5 | 33.910 | 0.2 | 26.985 | 1.890 | 2.123 | 48.3 | 2.842 | 1.5 | -1.134 | 1.708 | -56.4 | 2.050 |
| 247778.7 | 842253.2 | 137.7 | 26.458 | 21.045 | 38.5 | 33.808 | 0.2 | 26.903 | 1.887 | 2.120 | 48.3 | 2.838 | 1.5 | -1.092 | 1.656 | -56.6 | 1.983 |
| 247778.0 | 842252.5 | 137.6 | 26.269 | 20.844 | 38.4 | 33.534 | 0.2 | 26.685 | 1.883 | 2.116 | 48.3 | 2.833 | 1.4 | -0.927 | 1.466 | -57.7 | 1.735 |
| 247777.4 | 842251.8 | 137.5 | 26.246 | 20.807 | 38.4 | 33.493 | 0.2 | 26.653 | 1.881 | 2.114 | 48.3 | 2.830 | 1.4 | -0.927 | 1.459 | -57.6 | 1.729 |
| 247776.7 | 842251.1 | 137.5 | 26.273 | 20.820 | 38.4 | 33.522 | 0.2 | 26.676 | 1.879 | 2.113 | 48.4 | 2.827 | 1.5 | -0.976 | 1.506 | -57.1 | 1.794 |
| 247776.0 | 842250.4 | 137.6 | 26.369 | 20.900 | 38.4 | 33.647 | 0.2 | 26.776 | 1.878 | 2.112 | 48.4 | 2.826 | 1.5 | -1.091 | 1.627 | -56.2 | 1.959 |
| 247775.3 | 842249.6 | 137.5 | 26.343 | 20.860 | 38.4 | 33.602 | 0.2 | 26.739 | 1.875 | 2.111 | 48.4 | 2.824 | 1.5 | -1.086 | 1.611 | -56.0 | 1.942 |
| 247774.6 | 842248.9 | 137.5 | 26.238 | 20.742 | 38.3 | 33.446 | 0.3 | 26.616 | 1.873 | 2.109 | 48.4 | 2.820 | 1.5 | -1.001 | 1.505 | -56.4 | 1.807 |
| 247773.9 | 842248.2 | 137.4 | 26.158 | 20.650 | 38.3 | 33.327 | 0.3 | 26.521 | 1.871 | 2.107 | 48.4 | 2.818 | 1.5 | -0.941 | 1.424 | -56.5 | 1.707 |
| 247773.2 | 842247.5 | 137.4 | 26.132 | 20.609 | 38.3 | 33.281 | 0.4 | 26.484 | 1.869 | 2.106 | 48.4 | 2.816 | 1.5 | -0.933 | 1.399 | -56.3 | 1.682 |
| 247772.5 | 842246.8 | 137.4 | 26.105 | 20.568 | 38.2 | 33.234 | 0.4 | 26.447 | 1.867 | 2.105 | 48.4 | 2.814 | 1.5 | -0.922 | 1.371 | -56.1 | 1.652 |
| 247771.8 | 842246.0 | 137.3 | 26.077 | 20.525 | 38.2 | 33.186 | 0.4 | 26.408 | 1.865 | 2.105 | 48.5 | 2.812 | 1.4 | -0.909 | 1.338 | -55.8 | 1.617 |
| 247771.1 | 842245.3 | 137.4 | 26.182 | 20.614 | 38.2 | 33.324 | 0.4 | 26.518 | 1.864 | 2.106 | 48.5 | 2.812 | 1.5 | -1.027 | 1.451 | -54.7 | 1.777 |
| 247770.4 | 842244.6 | 137.5 | 26.399 | 20.812 | 38.3 | 33.616 | 0.3 | 26.751 | 1.864 | 2.109 | 48.5 | 2.814 | 1.6 | -1.251 | 1.683 | -53.4 | 2.097 |
| 247769.7 | 842243.9 | 137.7 | 26.834 | 21.225 | 38.3 | 34.213 | 0.2 | 27.226 | 1.866 | 2.115 | 48.6 | 2.820 | 1.8 | -1.682 | 2.145 | -51.9 | 2.726 |
| 247769.0 | 842243.2 | 137.7 | 26.783 | 21.159 | 38.3 | 34.133 | 0.2 | 27.162 | 1.864 | 2.115 | 48.6 | 2.819 | 1.8 | -1.643 | 2.076 | -51.6 | 2.648 |
| 247768.3 | 842242.5 | 137.5 | 26.539 | 20.903 | 38.2 | 33.783 | 0.3 | 26.884 | 1.861 | 2.112 | 48.6 | 2.815 | 1.6 | -1.416 | 1.792 | -51.7 | 2.284 |
| 247767.6 | 842241.7 | 137.5 | 26.393 | 20.744 | 38.2 | 33.570 | 0.4 | 26.714 | 1.858 | 2.112 | 48.7 | 2.813 | 1.5 | -1.281 | 1.609 | -51.5 | 2.056 |
| 247766.9 | 842241.0 | 137.4 | 26.205 | 20.544 | 38.1 | 33.298 | 0.5 | 26.498 | 1.856 | 2.111 | 48.7 | 2.811 | 1.4 | -1.102 | 1.373 | -51.3 | 1.761 |
| 247766.2 | 842240.3 | 137.3 | 26.125 | 20.450 | 38.1 | 33.177 | 0.5 | 26.402 | 1.854 | 2.113 | 48.7 | 2.811 | 1.3 | -1.027 | 1.254 | -50.7 | 1.621 |
| 247765.5 | 842239.6 | 137.3 | 26.134 | 20.443 | 38.0 | 33.180 | 0.5 | 26.404 | 1.853 | 2.115 | 48.8 | 2.812 | 1.3 | -1.037 | 1.230 | -49.9 | 1.609 |
| 247764.8 | 842238.9 | 137.4 | 26.280 | 20.569 | 38.1 | 33.373 | 0.5 | 26.557 | 1.854 | 2.120 | 48.8 | 2.816 | 1.3 | -1.181 | 1.357 | -49.0 | 1.799 |
| 247764.1 | 842238.1 | 137.6 | 26.625 | 20.891 | 38.1 | 33.843 | 0.3 | 26.931 | 1.856 | 2.126 | 48.9 | 2.822 | 1.4 | -1.515 | 1.701 | -48.3 | 2.278 |
| 247763.4 | 842237.4 | 137.8 | 27.055 | 21.297 | 38.2 | 34.431 | 0.2 | 27.399 | 1.859 | 2.134 | 48.9 | 2.830 | 1.5 | -1.924 | 2.131 | -47.9 | 2.871 |
| 247762.7 | 842236.7 | 137.9 | 27.268 | 21.490 | 38.2 | 34.718 | 0.2 | 27.628 | 1.860 | 2.139 | 49.0 | 2.835 | 1.5 | -2.122 | 2.322 | -47.6 | 3.146 |
| 247762.0 | 842236.0 | 137.7 | 26.946 | 21.157 | 38.1 | 34.260 | 0.2 | 27.263 | 1.856 | 2.137 | 49.0 | 2.830 | 1.2 | -1.819 | 1.937 | -46.8 | 2.657 |
| 247761.3 | 842235.3 | 137.7 | 26.878 | 21.072 | 38.1 | 34.153 | 0.3 | 27.178 | 1.854 | 2.137 | 49.1 | 2.829 | 1.1 | -1.752 | 1.825 | -46.2 | 2.530 |
| 247760.6 | 842234.6 | 137.6 | 26.808 | 20.987 | 38.1 | 34.046 | 0.3 | 27.093 | 1.852 | 2.138 | 49.1 | 2.828 | 1.0 | -1.686 | 1.714 | -45.5 | 2.404 |
| 247760.0 | 842233.8 | 137.6 | 26.737 | 20.901 | 38.0 | 33.937 | 0.4 | 27.006 | 1.849 | 2.138 | 49.1 | 2.827 | 0.9 | -1.620 | 1.605 | -44.7 | 2.280 |
| 247759.3 | 842233.1 | 137.5 | 26.620 | 20.768 | 38.0 | 33.763 | 0.5 | 26.868 | 1.846 | 2.137 | 49.2 | 2.824 | 0.7 | -1.510 | 1.446 | -43.8 | 2.091 |
| 247758.6 | 842232.4 | 137.7 | 27.015 | 21.138 | 38.0 | 34.302 | 0.3 | 27.297 | 1.847 | 2.139 | 49.2 | 2.827 | 0.8 | -1.892 | 1.860 | -44.5 | 2.653 |
| 247757.9 | 842231.7 | 137.8 | 27.200 | 21.301 | 38.1 | 34.548 | 0.2 | 27.493 | 1.847 | 2.140 | 49.2 | 2.827 | 0.8 | -2.073 | 2.043 | -44.6 | 2.910 |
| 247757.2 | 842231.0 | 137.8 | 27.206 | 21.290 | 38.0 | 34.546 | 0.2 | 27.491 | 1.844 | 2.139 | 49.2 | 2.824 | 0.7 | -2.087 | 2.036 | -44.3 | 2.916 |
| 247756.5 | 842230.2 | 137.8 | 27.150 | 21.216 | 38.0 | 34.456 | 0.3 | 27.419 | 1.840 | 2.136 | 49.3 | 2.820 | 0.6 | -2.045 | 1.965 | -43.8 | 2.836 |

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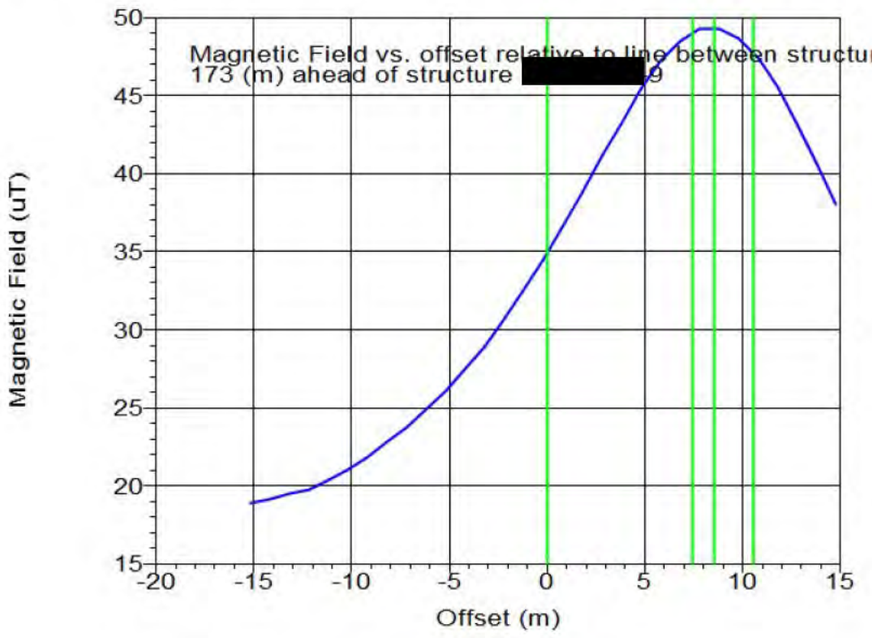
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247755.8 | 842229.5 | 137.8 | 27.087 | 21.137 | 38.0 | 34.358 | 0.3 | 27.341 | 1.836 | 2.134 | 49.3 | 2.815 | 0.5 | -2.000 | 1.892 | -43.4 | 2.754 |
| 247755.1 | 842228.8 | 137.6 | 26.643 | 20.685 | 37.8 | 33.730 | 0.6 | 26.841 | 1.829 | 2.128 | 49.3 | 2.806 | 0.4 | -1.595 | 1.401 | -41.3 | 2.123 |
| 247754.4 | 842228.1 | 137.6 | 26.731 | 20.753 | 37.8 | 33.842 | 0.5 | 26.931 | 1.826 | 2.126 | 49.3 | 2.803 | 0.4 | -1.698 | 1.507 | -41.6 | 2.270 |
| 247753.7 | 842227.4 | 137.7 | 26.846 | 20.847 | 37.8 | 33.990 | 0.5 | 27.048 | 1.823 | 2.124 | 49.4 | 2.800 | 0.4 | -1.828 | 1.647 | -42.0 | 2.461 |
| 247753.0 | 842226.7 | 137.6 | 26.786 | 20.770 | 37.8 | 33.895 | 0.6 | 26.973 | 1.819 | 2.121 | 49.4 | 2.794 | 0.4 | -1.796 | 1.599 | -41.7 | 2.405 |
| 247752.3 | 842225.9 | 137.6 | 26.721 | 20.688 | 37.7 | 33.793 | 0.6 | 26.892 | 1.814 | 2.117 | 49.4 | 2.788 | 0.4 | -1.762 | 1.554 | -41.4 | 2.349 |
| 247751.6 | 842225.2 | 137.7 | 26.873 | 20.818 | 37.8 | 33.993 | 0.6 | 27.051 | 1.811 | 2.113 | 49.4 | 2.783 | 0.4 | -1.938 | 1.759 | -42.2 | 2.617 |
| 247750.9 | 842224.5 | 137.4 | 26.335 | 20.276 | 37.6 | 33.236 | 0.9 | 26.448 | 1.801 | 2.105 | 49.5 | 2.770 | 0.6 | -1.462 | 1.201 | -39.4 | 1.892 |
| 247750.2 | 842223.8 | 137.5 | 26.494 | 20.412 | 37.6 | 33.445 | 0.8 | 26.615 | 1.796 | 2.098 | 49.4 | 2.762 | 0.5 | -1.655 | 1.437 | -41.0 | 2.192 |
| 247749.5 | 842223.1 | 137.5 | 26.388 | 20.291 | 37.6 | 33.287 | 0.9 | 26.489 | 1.788 | 2.089 | 49.4 | 2.750 | 0.6 | -1.600 | 1.385 | -40.9 | 2.116 |
| 247748.8 | 842222.4 | 137.4 | 26.193 | 20.083 | 37.5 | 33.006 | 1.0 | 26.266 | 1.779 | 2.078 | 49.4 | 2.736 | 0.7 | -1.463 | 1.242 | -40.3 | 1.919 |
| 247748.1 | 842221.6 | 137.4 | 26.197 | 20.068 | 37.5 | 33.000 | 1.0 | 26.261 | 1.771 | 2.067 | 49.4 | 2.722 | 0.7 | -1.521 | 1.333 | -41.2 | 2.023 |
| 247747.4 | 842220.9 | 137.4 | 26.201 | 20.053 | 37.4 | 32.994 | 1.0 | 26.256 | 1.763 | 2.055 | 49.4 | 2.708 | 0.7 | -1.582 | 1.434 | -42.2 | 2.135 |
| 247746.7 | 842220.2 | 137.4 | 26.204 | 20.037 | 37.4 | 32.987 | 1.1 | 26.250 | 1.755 | 2.043 | 49.3 | 2.693 | 0.6 | -1.645 | 1.540 | -43.1 | 2.253 |
| 247746.0 | 842219.5 | 137.5 | 26.304 | 20.114 | 37.4 | 33.113 | 1.0 | 26.350 | 1.748 | 2.032 | 49.3 | 2.680 | 0.6 | -1.799 | 1.757 | -44.3 | 2.515 |
| 247745.3 | 842218.8 | 137.6 | 26.447 | 20.232 | 37.4 | 33.299 | 1.0 | 26.498 | 1.742 | 2.022 | 49.3 | 2.669 | 0.5 | -1.993 | 2.022 | -45.4 | 2.839 |
| 247744.6 | 842218.0 | 137.6 | 26.444 | 20.209 | 37.4 | 33.282 | 1.0 | 26.485 | 1.735 | 2.011 | 49.2 | 2.656 | 0.5 | -2.048 | 2.127 | -46.1 | 2.953 |
| 247743.9 | 842217.3 | 137.4 | 26.179 | 19.935 | 37.3 | 32.905 | 1.2 | 26.185 | 1.724 | 1.997 | 49.2 | 2.638 | 0.5 | -1.861 | 1.949 | -46.3 | 2.695 |
| 247743.2 | 842216.6 | 137.3 | 25.878 | 19.628 | 37.2 | 32.479 | 1.4 | 25.846 | 1.713 | 1.983 | 49.2 | 2.620 | 0.6 | -1.636 | 1.728 | -46.6 | 2.380 |
| 247742.6 | 842215.9 | 137.1 | 25.538 | 19.284 | 37.1 | 32.001 | 1.6 | 25.466 | 1.703 | 1.969 | 49.1 | 2.603 | 0.6 | -1.370 | 1.459 | -46.8 | 2.001 |
| 247741.9 | 842215.2 | 136.9 | 25.157 | 18.904 | 36.9 | 31.468 | 1.8 | 25.041 | 1.693 | 1.956 | 49.1 | 2.587 | 0.7 | -1.058 | 1.135 | -47.0 | 1.552 |
| 247741.2 | 842214.5 | 136.9 | 25.060 | 18.793 | 36.9 | 31.323 | 1.9 | 24.926 | 1.687 | 1.948 | 49.1 | 2.577 | 0.7 | -1.011 | 1.119 | -47.9 | 1.509 |
| 247740.5 | 842213.7 | 136.8 | 24.966 | 18.685 | 36.8 | 31.183 | 2.0 | 24.815 | 1.681 | 1.942 | 49.1 | 2.568 | 0.7 | -0.963 | 1.099 | -48.8 | 1.461 |
| 247739.8 | 842213.0 | 136.8 | 24.903 | 18.607 | 36.8 | 31.087 | 2.0 | 24.738 | 1.677 | 1.937 | 49.1 | 2.561 | 0.8 | -0.939 | 1.104 | -49.6 | 1.450 |
| 247739.1 | 842212.3 | 136.9 | 24.973 | 18.654 | 36.8 | 31.171 | 2.0 | 24.805 | 1.674 | 1.934 | 49.1 | 2.558 | 0.8 | -1.036 | 1.247 | -50.3 | 1.622 |
| 247738.4 | 842211.6 | 136.9 | 25.044 | 18.701 | 36.7 | 31.256 | 2.0 | 24.873 | 1.672 | 1.933 | 49.1 | 2.556 | 0.9 | -1.128 | 1.381 | -50.8 | 1.783 |
| 247737.7 | 842210.9 | 136.9 | 25.034 | 18.672 | 36.7 | 31.230 | 2.1 | 24.852 | 1.669 | 1.932 | 49.2 | 2.553 | 0.9 | -1.136 | 1.414 | -51.2 | 1.814 |
| 247737.0 | 842210.1 | 137.0 | 25.119 | 18.732 | 36.7 | 31.334 | 2.0 | 24.935 | 1.668 | 1.932 | 49.2 | 2.553 | 0.9 | -1.228 | 1.542 | -51.5 | 1.972 |
| 247736.3 | 842209.4 | 137.0 | 25.108 | 18.702 | 36.7 | 31.308 | 2.1 | 24.914 | 1.666 | 1.932 | 49.2 | 2.552 | 1.0 | -1.224 | 1.556 | -51.8 | 1.980 |
| 247735.6 | 842208.7 | 136.9 | 24.948 | 18.533 | 36.6 | 31.079 | 2.2 | 24.732 | 1.663 | 1.931 | 49.3 | 2.548 | 1.0 | -1.076 | 1.399 | -52.5 | 1.765 |
| 247734.9 | 842208.0 | 137.0 | 24.975 | 18.538 | 36.6 | 31.103 | 2.2 | 24.751 | 1.663 | 1.932 | 49.3 | 2.549 | 1.0 | -1.096 | 1.436 | -52.7 | 1.807 |
| 247734.2 | 842207.3 | 137.0 | 24.906 | 18.454 | 36.5 | 30.998 | 2.3 | 24.667 | 1.661 | 1.933 | 49.3 | 2.549 | 0.9 | -1.022 | 1.362 | -53.1 | 1.703 |
| 247733.5 | 842206.6 | 137.0 | 24.917 | 18.444 | 36.5 | 31.001 | 2.3 | 24.670 | 1.661 | 1.935 | 49.4 | 2.550 | 0.9 | -1.018 | 1.366 | -53.3 | 1.704 |
| 247732.8 | 842205.8 | 137.1 | 25.009 | 18.510 | 36.5 | 31.114 | 2.3 | 24.759 | 1.662 | 1.939 | 49.4 | 2.553 | 0.9 | -1.085 | 1.452 | -53.2 | 1.812 |
| 247732.1 | 842205.1 | 137.1 | 25.041 | 18.520 | 36.5 | 31.146 | 2.3 | 24.785 | 1.662 | 1.941 | 49.4 | 2.555 | 0.9 | -1.093 | 1.466 | -53.3 | 1.828 |
| 247731.4 | 842204.4 | 137.1 | 25.072 | 18.528 | 36.5 | 31.175 | 2.3 | 24.808 | 1.662 | 1.944 | 49.5 | 2.558 | 0.9 | -1.094 | 1.473 | -53.4 | 1.835 |
| 247730.7 | 842203.7 | 137.2 | 25.091 | 18.525 | 36.4 | 31.188 | 2.3 | 24.819 | 1.662 | 1.947 | 49.5 | 2.560 | 0.8 | -1.082 | 1.462 | -53.5 | 1.818 |
| 247730.0 | 842203.0 | 137.2 | 25.131 | 18.541 | 36.4 | 31.230 | 2.4 | 24.852 | 1.663 | 1.950 | 49.6 | 2.563 | 0.8 | -1.086 | 1.469 | -53.5 | 1.827 |
| 247729.3 | 842202.2 | 137.2 | 25.042 | 18.438 | 36.4 | 31.097 | 2.4 | 24.747 | 1.662 | 1.952 | 49.6 | 2.563 | 0.8 | -0.969 | 1.333 | -54.0 | 1.648 |
| 247728.6 | 842201.5 | 137.3 | 25.113 | 18.483 | 36.4 | 31.182 | 2.4 | 24.814 | 1.662 | 1.955 | 49.6 | 2.566 | 0.7 | -0.999 | 1.368 | -53.9 | 1.694 |
| 247727.9 | 842200.8 | 137.3 | 25.112 | 18.461 | 36.3 | 31.168 | 2.5 | 24.802 | 1.662 | 1.958 | 49.7 | 2.568 | 0.7 | -0.960 | 1.323 | -54.0 | 1.634 |
| 247727.2 | 842200.1 | 137.3 | 25.167 | 18.491 | 36.3 | 31.230 | 2.5 | 24.852 | 1.662 | 1.961 | 49.7 | 2.570 | 0.6 | -0.972 | 1.337 | -54.0 | 1.653 |
| 247726.5 | 842199.4 | 137.4 | 25.235 | 18.533 | 36.3 | 31.309 | 2.5 | 24.915 | 1.662 | 1.963 | 49.7 | 2.573 | 0.6 | -0.996 | 1.365 | -53.9 | 1.689 |
| 247725.8 | 842198.7 | 137.5 | 25.332 | 18.600 | 36.3 | 31.427 | 2.5 | 25.009 | 1.662 | 1.966 | 49.8 | 2.574 | 0.6 | -1.047 | 1.423 | -53.7 | 1.767 |
| 247725.2 | 842197.9 | 137.6 | 25.501 | 18.735 | 36.3 | 31.643 | 2.4 | 25.181 | 1.663 | 1.969 | 49.8 | 2.577 | 0.6 | -1.163 | 1.561 | -53.3 | 1.947 |
| 247724.5 | 842197.2 | 137.7 | 25.681 | 18.878 | 36.3 | 31.873 | 2.4 | 25.364 | 1.662 | 1.972 | 49.9 | 2.579 | 0.6 | -1.291 | 1.695 | -52.7 | 2.131 |
| 247723.8 | 842196.5 | 137.9 | 25.921 | 19.077 | 36.4 | 32.184 | 2.3 | 25.611 | 1.663 | 1.975 | 49.9 | 2.582 | 0.6 | -1.470 | 1.909 | -52.4 | 2.409 |
| 247723.1 | 842195.8 | 138.0 | 26.031 | 19.156 | 36.3 | 32.320 | 2.3 | 25.719 | 1.662 | 1.975 | 49.9 | 2.582 | 0.6 | -1.535 | 1.987 | -52.3 | 2.511 |
| 247722.4 | 842195.1 | 138.0 | 26.095 | 19.192 | 36.3 | 32.392 | 2.3 | 25.777 | 1.660 | 1.975 | 50.0 | 2.580 | 0.6 | -1.562 | 2.020 | -52.3 | 2.554 |
| 247721.7 | 842194.3 | 138.1 | 26.138 | 19.209 | 36.3 | 32.437 | 2.3 | 25.813 | 1.657 | 1.974 | 50.0 | 2.577 | 0.6 | -1.574 | 2.036 | -52.3 | 2.573 |
| 247721.0 | 842193.6 | 138.1 | 26.129 | 19.177 | 36.3 | 32.411 | 2.3 | 25.792 | 1.653 | 1.971 | 50.0 | 2.572 | 0.6 | -1.543 | 2.001 | -52.4 | 2.527 |
| 247720.3 | 842192.9 | 138.1 | 26.120 | 19.145 | 36.2 | 32.384 | 2.4 | 25.771 | 1.648 | 1.968 | 50.1 | 2.567 | 0.6 | -1.515 | 1.970 | -52.4 | 2.485 |
| 247719.6 | 842192.2 | 138.2 | 26.110 | 19.113 | 36.2 | 32.358 | 2.4 | 25.750 | 1.643 | 1.965 | 50.1 | 2.561 | 0.6 | -1.491 | 1.945 | -52.5 | 2.450 |
| 247718.9 | 842191.5 | 138.2 | 26.139 | 19.116 | 36.2 | 32.383 | 2.5 | 25.769 | 1.638 | 1.961 | 50.1 | 2.555 | 0.7 | -1.503 | 1.964 | -52.6 | 2.473 |
| 247718.2 | 842190.8 | 138.2 | 26.136 | 19.089 | 36.1 | 32.365 | 2.5 | 25.755 | 1.632 | 1.957 | 50.2 | 2.548 | 0.7 | -1.493 | 1.955 | -52.6 | 2.460 |
| 247717.5 | 842190.0 | 138.3 | 26.131 | 19.062 | 36.1 | 32.345 | 2.5 | 25.739 | 1.626 | 1.952 | 50.2 | 2.540 | 0.7 | -1.485 | 1.950 | -52.7 | 2.451 |
| 247716.8 | 842189.3 | 138.3 | 26.133 | 19.039 | 36.1 | 32.333 | 2.6 | 25.730 | 1.620 | 1.947 | 50.2 | 2.532 | 0.7 | -1.486 | 1.956 | -52.8 | 2.456 |
| 247716.1 | 842188.6 | 138.4 | 26.153 | 19.034 | 36.0 | 32.346 | 2.6 | 25.740 | 1.613 | 1.941 | 50.3 | 2.524 | 0.7 | -1.507 | 1.986 | -52.8 | 2.493 |
| 247715.4 | 842187.9 | 138.4 | 26.230 | 19.080 | 36.0 | 32.436 | 2.6 | 25.812 | 1.607 | 1.936 | 50.3 | 2.516 | 0.8 | -1.579 | 2.080 | -52.8 | 2.612 |
| 247714.7 | 842187.2 | 138.5 | 26.255 | 19.079 | 36.0 | 32.455 | 2.6 | 25.827 | 1.600 | 1.930 | 50.3 | 2.507 | 0.8 | -1.611 | 2.125 | -52.8 | 2.666 |
| 247714.0 | 842186.4 | 138.5 | 26.163 | 18.971 | 35.9 | 32.318 | 2.7 | 25.718 | 1.590 | 1.922 | 50.4 | 2.494 | 0.8 | -1.548 | 2.055 | -53.0 | 2.573 |
| 247713.3 | 842185.7 | 138.5 | 26.164 | 18.947 | 35.9 | 32.304 | 2.8 | 25.707 | 1.582 | 1.915 | 50.4 | 2.484 | 0.9 | -1.567 | 2.085 | -53.1 | 2.608 |
| 247712.6 | 842185.0 | 138.5 | 26.158 | 18.918 | 35.9 | 32.282 | 2.8 | 25.689 | 1.573 | 1.908 | 50.5 | 2.473 | 0.9 | -1.582 | 2.111 | -53.1 | 2.638 |
| 247711.9 | 842184.3 | 138.5 | 26.081 | 18.824 | 35.8 | 32.164 | 2.9 | 25.595 | 1.563 | 1.899 | 50.5 | 2.460 | 0.9 | -1.542 | 2.069 | -53.3 | 2.581 |
| 247711.2 | 842183.6 | 138.5 | 26.003 | 18.730 | 35.8 | 32.046 | 3.0 | 25.502 | 1.553 | 1.891 | 50.6 | 2.446 | 0.9 | -1.505 | 2.031 | -53.5 | 2.528 |
| 247710.5 | 842182.9 | 138.5 | 25.912 | 18.624 | 35.7 | 31.911 | 3.1 | 25.394 | 1.542 | 1.882 | 50.7 | 2.433 | 0.9 | -1.459 | 1.984 | -53.7 | 2.462 |
| 247709.8 | 842182.1 | 138.5 | 25.820 | 18.518 | 35.6 | 31.774 | 3.2 | 25.285 | 1.531 | 1.873 | 50.7 | 2.419 | 1.0 | -1.415 | 1.938 | -53.9 | 2.400 |
| 247709.1 | 842181.4 | 138.6 | 25.980 | 18.636 | 35.7 | 31.973 | 3.2 | 25.443 | 1.525 | 1.868 | 50.8 | 2.411 | 1.1 | -1.576 | 2.144 | -53.7 | 2.661 |
| 247708.4 | 842180.7 | 138.7 | 26.013 | 18.642 | 35.6 | 32.003 | 3.2 | 25.467 | 1.516 | 1.861 | 50.8 | 2.401 | 1.1 | -1.635 | 2.226 | -53.7 | 2.762 |
| 247707.8 | 842180.0 | 138.7 | 25.852 | 18.474 | 35.5 | 31.774 | 3.3 | 25.285 | 1.504 | 1.851 | 50.9 | 2.385 | 1.1 | -1.542 | 2.118 | -54.0 | 2.620 |
| 247707.1 | 842179.3 | 138.6 | 25.726 | 18.338 | 35.5 | 31.593 | 3.5 | 25.141 | 1.492 | 1.842 | 51.0 | 2.370 | 1.1 | -1.477 | 2.048 | -54.2 | 2.525 |
| 247706.4 | 842178.6 | 138.7 | 25.743 | 18.329 | 35.5 | 31.602 | 3.5 | 25.148 | 1.483 | 1.835 | 51.1 | 2.359 | 1.2 | -1.527 | 2.119 | -54.2 | 2.612 |
| 247705.7 | 842177.8 | 138.7 | 25.673 | 18.243 | 35.4 | 31.494 | 3.6 | 25.062 | 1.472 | 1.826 | 51.1 | 2.346 | 1.2 | -1.509 | 2.106 | -54.4 | 2.591 |
| 247705.0 | 842177.1 | 138.7 | 25.601 | 18.156 | 35.3 | 31.385 | 3.7 | 24.975 | 1.461 | 1.818 | 51.2 | 2.332 | 1.3 | -1.490 | 2.094 | -54.6 | 2.570 |
| 247704.3 | 842176.4 | 138.7 | 25.521 | 18.061 | 35.3 | 31.265 | 3.8 | 24.880 | 1.450 | 1.809 | 51.3 | 2.318 | 1.3 | -1.466 | 2.075 | -54.8 | 2.541 |
| 247703.6 | 842175.7 | 138.7 | 25.425 | 17.954 | 35.2 | 31.125 | 3.9 | 24.769 | 1.438 | 1.799 | 51.4 | 2.303 | 1.3 | -1.432 | 2.044 | -55.0 | 2.495 |
| 247702.9 | 842175.0 | 138.7 | 25.328 | 17.846 | 35.2 | 30.984 | 4.0 | 24.656 | 1.426 | 1.790 | 51.5 | 2.288 | 1.4 | -1.397 | 2.012 | -55.2 | 2.450 |
| 247702.2 | 842174.2 | 138.7 | 25.227 | 17.735 | 35.1 | 30.837 | 4.1 | 24.539 | 1.414 | 1.780 | 51.5 | 2.273 | 1.4 | -1.359 | 1.978 | -55.5 | 2.400 |
| 247701.5 | 842173.5 | 138.7 | 25.087 | 17.590 | 35.0 | 30.639 | 4.2 | 24.382 | 1.401 | 1.770 | 51.6 | 2.257 | 1.4 | -1.292 | 1.908 | -55.9 | 2.304 |
| 247700.8 | 842172.8 | 138.6 | 24.946 | 17.446 | 35.0 | 30.441 | 4.4 | 24.224 | 1.387 | 1.759 | 51.7 | 2.240 | 1.3 | -1.225 | 1.838 | -56.3 | 2.209 |
| 247700.1 | 842172.1 | 138.6 | 24.804 | 17.301 | 34.9 | 30.242 | 4.5 | 24.066 | 1.374 | 1.748 | 51.8 | 2.223 | 1.3 | -1.158 | 1.768 | -56.8 | 2.114 |
| 247699.4 | 842171.4 | 138.6 | 24.633 | 17.133 | 34.8 | 30.005 | 4.7 | 23.878 | 1.360 | 1.737 | 51.9 | 2.206 | 1.3 | -1.070 | 1.671 | -57.4 | 1.984 |
| 247698.7 | 842170.7 | 138.5 | 24.316 | 16.842 | 34.7 | 29.579 | 4.9 | 23.538 | 1.344 | 1.724 | 52.1 | 2.186 | 1.1 | -0.873 | 1.433 | -58.7 | 1.678 |
| 247698.0 | 842169.9 | 138.4 | 24.200 | 16.723 | 34.6 | 29.416 | 5.0 | 23.409 | 1.331 | 1.714 | 52.2 | 2.170 | 1.0 | -0.825 | 1.388 | -59.3 | 1.615 |
| 247697.3 | 842169.2 | 138.4 | 24.052 | 16.577 | 34.6 | 29.211 | 5.2 | 23.245 | 1.318 | 1.703 | 52.3 | 2.154 | 1.0 | -0.753 | 1.310 | -60.1 | 1.511 |
| 247696.6 | 842168.5 | 138.3 | 23.804 | 16.348 | 34.5 | 28.878 | 5.3 | 22.980 | 1.304 | 1.692 | 52.4 | 2.136 | 0.8 | -0.606 | 1.135 | -61.9 | 1.287 |
| 247695.9 | 842167.8 | 138.4 | 23.732 | 16.267 | 34.4 | 28.772 | 5.4 | 22.896 | 1.292 | 1.684 | 52.5 | 2.122 | 0.8 | -0.587 | 1.126 | -62.5 | 1.269 |

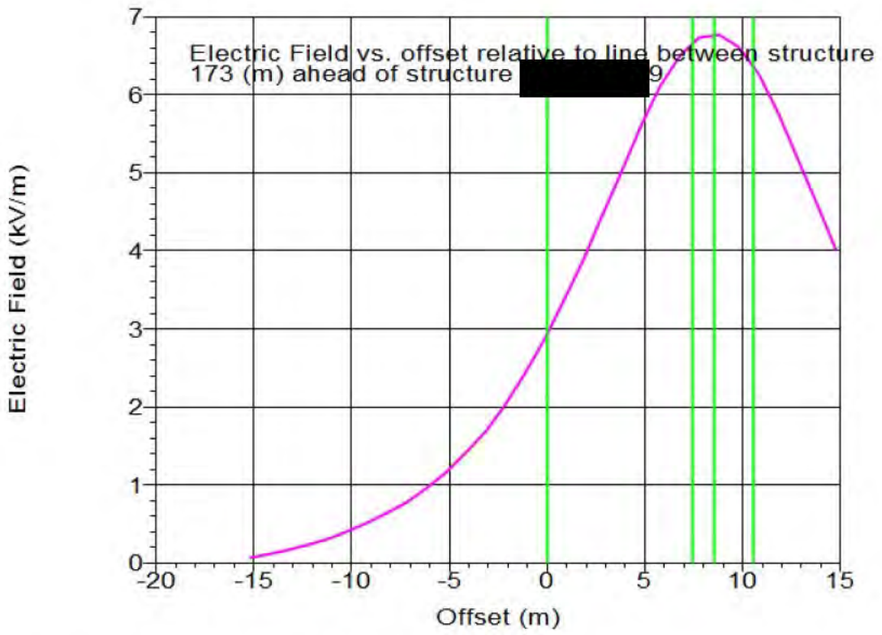
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247695.2 | 842167.1 | 138.4 | 23.703 | 16.222 | 34.4 | 28.723 | 5.5 | 22.857 | 1.282 | 1.676 | 52.6 | 2.110 | 0.9 | -0.598 | 1.155 | -62.6 | 1.300 |
| 247694.5 | 842166.3 | 138.4 | 23.700 | 16.200 | 34.4 | 28.708 | 5.6 | 22.845 | 1.272 | 1.670 | 52.7 | 2.099 | 1.0 | -0.624 | 1.205 | -62.6 | 1.357 |
| 247693.8 | 842165.6 | 138.5 | 23.698 | 16.177 | 34.3 | 28.694 | 5.6 | 22.834 | 1.263 | 1.664 | 52.8 | 2.089 | 1.0 | -0.647 | 1.250 | -62.6 | 1.407 |
| 247693.1 | 842164.9 | 138.6 | 23.676 | 16.138 | 34.3 | 28.653 | 5.7 | 22.801 | 1.254 | 1.659 | 52.9 | 2.079 | 1.1 | -0.653 | 1.271 | -62.8 | 1.429 |
| 247692.4 | 842164.2 | 138.6 | 23.627 | 16.078 | 34.2 | 28.578 | 5.8 | 22.742 | 1.244 | 1.654 | 53.0 | 2.069 | 1.2 | -0.637 | 1.262 | -63.2 | 1.414 |
| 247691.7 | 842163.5 | 138.6 | 23.576 | 16.016 | 34.2 | 28.501 | 5.9 | 22.681 | 1.235 | 1.649 | 53.2 | 2.060 | 1.2 | -0.617 | 1.248 | -63.7 | 1.392 |
| 247691.0 | 842162.8 | 138.6 | 23.395 | 15.848 | 34.1 | 28.257 | 6.1 | 22.486 | 1.224 | 1.644 | 53.3 | 2.049 | 1.2 | -0.505 | 1.107 | -65.5 | 1.217 |
| 247690.3 | 842162.0 | 138.5 | 23.206 | 15.675 | 34.0 | 28.004 | 6.2 | 22.284 | 1.213 | 1.639 | 53.5 | 2.038 | 1.0 | -0.386 | 0.955 | -68.0 | 1.030 |
| 247689.7 | 842161.3 | 138.6 | 23.283 | 15.718 | 34.0 | 28.092 | 6.3 | 22.355 | 1.206 | 1.637 | 53.6 | 2.033 | 1.3 | -0.449 | 1.049 | -66.8 | 1.141 |
| 247689.0 | 842160.6 | 138.7 | 23.360 | 15.760 | 34.0 | 28.179 | 6.3 | 22.424 | 1.199 | 1.636 | 53.8 | 2.028 | 1.5 | -0.508 | 1.137 | -65.9 | 1.246 |
| 247688.3 | 842159.9 | 138.9 | 23.435 | 15.801 | 34.0 | 28.265 | 6.3 | 22.492 | 1.193 | 1.635 | 53.9 | 2.024 | 1.8 | -0.564 | 1.222 | -65.2 | 1.346 |
| 247687.6 | 842159.2 | 138.8 | 23.265 | 15.645 | 33.9 | 28.036 | 6.5 | 22.310 | 1.181 | 1.631 | 54.1 | 2.014 | 1.7 | -0.456 | 1.078 | -67.1 | 1.171 |
| 247686.9 | 842158.4 | 138.8 | 23.030 | 15.438 | 33.8 | 27.726 | 6.7 | 22.064 | 1.169 | 1.627 | 54.3 | 2.003 | 1.6 | -0.307 | 0.874 | -70.6 | 0.926 |
| 247686.2 | 842157.7 | 138.7 | 22.839 | 15.266 | 33.8 | 27.471 | 6.8 | 21.861 | 1.158 | 1.623 | 54.5 | 1.994 | 1.5 | -0.188 | 0.709 | -75.2 | 0.733 |
| 247685.5 | 842157.0 | 138.9 | 23.083 | 15.442 | 33.8 | 27.772 | 6.8 | 22.100 | 1.152 | 1.623 | 54.6 | 1.991 | 2.1 | -0.356 | 0.949 | -69.4 | 1.013 |
| 247684.8 | 842156.3 | 139.0 | 23.125 | 15.456 | 33.8 | 27.815 | 6.8 | 22.134 | 1.144 | 1.621 | 54.8 | 1.984 | 2.3 | -0.391 | 1.002 | -68.7 | 1.075 |
| 247684.1 | 842155.6 | 139.1 | 23.120 | 15.434 | 33.7 | 27.798 | 6.9 | 22.121 | 1.134 | 1.618 | 55.0 | 1.976 | 2.5 | -0.398 | 1.014 | -68.6 | 1.089 |
| 247683.4 | 842154.9 | 139.1 | 23.108 | 15.405 | 33.7 | 27.772 | 7.0 | 22.101 | 1.124 | 1.614 | 55.2 | 1.967 | 2.8 | -0.403 | 1.023 | -68.5 | 1.099 |
| 247682.7 | 842154.1 | 139.2 | 23.095 | 15.376 | 33.7 | 27.745 | 7.1 | 22.079 | 1.113 | 1.610 | 55.3 | 1.957 | 3.0 | -0.409 | 1.033 | -68.4 | 1.111 |
| 247682.0 | 842153.4 | 139.3 | 23.186 | 15.429 | 33.6 | 27.850 | 7.1 | 22.162 | 1.104 | 1.606 | 55.5 | 1.948 | 3.4 | -0.482 | 1.143 | -67.2 | 1.240 |
| 247681.3 | 842152.7 | 139.5 | 23.354 | 15.542 | 33.6 | 28.053 | 7.1 | 22.323 | 1.097 | 1.602 | 55.6 | 1.941 | 4.0 | -0.601 | 1.323 | -65.6 | 1.454 |
| 247680.6 | 842152.0 | 139.6 | 23.327 | 15.502 | 33.6 | 28.009 | 7.2 | 22.289 | 1.084 | 1.595 | 55.8 | 1.929 | 4.3 | -0.607 | 1.336 | -65.6 | 1.467 |
| 247679.9 | 842151.3 | 139.6 | 23.307 | 15.467 | 33.6 | 27.973 | 7.2 | 22.260 | 1.072 | 1.588 | 56.0 | 1.916 | 4.6 | -0.620 | 1.359 | -65.5 | 1.494 |
| 247679.2 | 842150.5 | 139.7 | 23.296 | 15.440 | 33.5 | 27.948 | 7.3 | 22.240 | 1.059 | 1.581 | 56.2 | 1.903 | 4.9 | -0.641 | 1.396 | -65.3 | 1.536 |
| 247678.5 | 842149.8 | 139.8 | 23.271 | 15.402 | 33.5 | 27.907 | 7.4 | 22.207 | 1.046 | 1.573 | 56.4 | 1.889 | 5.3 | -0.659 | 1.426 | -65.2 | 1.571 |
| 247677.8 | 842149.1 | 139.8 | 23.205 | 15.332 | 33.5 | 27.813 | 7.5 | 22.133 | 1.031 | 1.563 | 56.6 | 1.873 | 5.5 | -0.656 | 1.426 | -65.3 | 1.570 |
| 247677.1 | 842148.4 | 139.8 | 23.111 | 15.241 | 33.4 | 27.685 | 7.7 | 22.031 | 1.015 | 1.553 | 56.8 | 1.855 | 5.8 | -0.643 | 1.408 | -65.5 | 1.548 |
| 247676.4 | 842147.7 | 139.8 | 22.897 | 15.058 | 33.3 | 27.405 | 7.9 | 21.808 | 0.994 | 1.541 | 57.2 | 1.834 | 5.8 | -0.568 | 1.293 | -66.3 | 1.412 |
| 247675.7 | 842147.0 | 139.8 | 22.856 | 15.010 | 33.3 | 27.344 | 8.0 | 21.760 | 0.980 | 1.531 | 57.4 | 1.818 | 6.1 | -0.592 | 1.332 | -66.0 | 1.458 |
| 247675.0 | 842146.2 | 139.9 | 22.811 | 14.958 | 33.3 | 27.278 | 8.1 | 21.707 | 0.964 | 1.521 | 57.6 | 1.801 | 6.5 | -0.617 | 1.373 | -65.8 | 1.505 |
| 247674.3 | 842145.5 | 140.0 | 22.762 | 14.904 | 33.2 | 27.207 | 8.2 | 21.651 | 0.949 | 1.510 | 57.9 | 1.784 | 6.9 | -0.642 | 1.414 | -65.6 | 1.553 |
| 247673.6 | 842144.8 | 140.0 | 22.709 | 14.847 | 33.2 | 27.132 | 8.3 | 21.591 | 0.934 | 1.499 | 58.1 | 1.766 | 7.4 | -0.668 | 1.457 | -65.4 | 1.603 |
| 247672.9 | 842144.1 | 140.1 | 22.652 | 14.787 | 33.1 | 27.051 | 8.4 | 21.527 | 0.918 | 1.488 | 58.3 | 1.748 | 7.8 | -0.693 | 1.500 | -65.2 | 1.653 |
| 247672.3 | 842143.4 | 140.1 | 22.593 | 14.726 | 33.1 | 26.968 | 8.5 | 21.461 | 0.903 | 1.476 | 58.6 | 1.731 | 8.3 | -0.720 | 1.546 | -65.0 | 1.706 |
| 247671.6 | 842142.6 | 140.1 | 22.413 | 14.575 | 33.0 | 26.736 | 8.7 | 21.276 | 0.882 | 1.463 | 58.9 | 1.709 | 8.5 | -0.692 | 1.497 | -65.2 | 1.650 |
| 247670.9 | 842141.9 | 140.1 | 22.296 | 14.472 | 33.0 | 26.581 | 8.8 | 21.152 | 0.864 | 1.451 | 59.2 | 1.689 | 8.8 | -0.697 | 1.504 | -65.1 | 1.657 |
| 247670.2 | 842141.2 | 140.1 | 22.158 | 14.354 | 32.9 | 26.401 | 9.0 | 21.009 | 0.845 | 1.437 | 59.5 | 1.668 | 9.2 | -0.695 | 1.497 | -65.1 | 1.651 |
| 247669.5 | 842140.5 | 140.0 | 21.784 | 14.062 | 32.8 | 25.928 | 9.3 | 20.633 | 0.816 | 1.421 | 60.1 | 1.639 | 8.8 | -0.590 | 1.303 | -65.6 | 1.430 |
| 247668.8 | 842139.8 | 139.9 | 21.421 | 13.782 | 32.8 | 25.472 | 9.6 | 20.270 | 0.788 | 1.405 | 60.7 | 1.611 | 8.5 | -0.497 | 1.121 | -66.1 | 1.226 |
| 247668.1 | 842139.1 | 140.0 | 21.423 | 13.770 | 32.7 | 25.467 | 9.6 | 20.266 | 0.774 | 1.393 | 60.9 | 1.593 | 9.2 | -0.567 | 1.242 | -65.5 | 1.365 |
| 247667.4 | 842138.3 | 140.1 | 21.399 | 13.739 | 32.7 | 25.430 | 9.7 | 20.237 | 0.760 | 1.380 | 61.1 | 1.576 | 9.9 | -0.625 | 1.344 | -65.1 | 1.482 |
| 247666.7 | 842137.6 | 140.1 | 21.262 | 13.627 | 32.7 | 25.254 | 9.9 | 20.097 | 0.742 | 1.366 | 61.5 | 1.554 | 10.3 | -0.636 | 1.357 | -64.9 | 1.499 |
| 247666.0 | 842136.9 | 140.0 | 20.946 | 13.386 | 32.6 | 24.858 | 10.2 | 19.781 | 0.714 | 1.349 | 62.1 | 1.527 | 10.1 | -0.577 | 1.230 | -64.9 | 1.359 |
| 247665.3 | 842136.2 | 140.0 | 20.706 | 13.202 | 32.5 | 24.556 | 10.4 | 19.541 | 0.690 | 1.333 | 62.6 | 1.502 | 10.1 | -0.552 | 1.167 | -64.7 | 1.291 |
| 247664.6 | 842135.5 | 140.0 | 20.633 | 13.139 | 32.5 | 24.461 | 10.5 | 19.466 | 0.675 | 1.320 | 62.9 | 1.482 | 10.8 | -0.593 | 1.240 | -64.4 | 1.375 |
| 247663.9 | 842134.8 | 140.0 | 20.509 | 13.039 | 32.4 | 24.303 | 10.7 | 19.340 | 0.657 | 1.305 | 63.3 | 1.461 | 11.2 | -0.614 | 1.273 | -64.2 | 1.414 |
| 247663.2 | 842134.0 | 140.1 | 20.358 | 12.921 | 32.4 | 24.112 | 10.8 | 19.188 | 0.638 | 1.290 | 63.7 | 1.439 | 11.6 | -0.625 | 1.286 | -64.1 | 1.430 |
| 247662.5 | 842133.3 | 140.1 | 20.205 | 12.803 | 32.4 | 23.920 | 11.0 | 19.035 | 0.619 | 1.275 | 64.1 | 1.417 | 12.0 | -0.635 | 1.299 | -63.9 | 1.446 |
| 247661.8 | 842132.6 | 140.1 | 20.052 | 12.685 | 32.3 | 23.727 | 11.2 | 18.881 | 0.600 | 1.260 | 64.5 | 1.396 | 12.4 | -0.644 | 1.311 | -63.8 | 1.460 |
| 247661.1 | 842131.9 | 140.1 | 19.864 | 12.544 | 32.3 | 23.494 | 11.4 | 18.696 | 0.580 | 1.245 | 65.0 | 1.373 | 12.6 | -0.642 | 1.296 | -63.7 | 1.446 |
| 247660.4 | 842131.2 | 140.0 | 19.626 | 12.369 | 32.2 | 23.198 | 11.6 | 18.460 | 0.557 | 1.229 | 65.6 | 1.349 | 12.6 | -0.622 | 1.241 | -63.4 | 1.388 |
| 247659.7 | 842130.4 | 140.0 | 19.394 | 12.199 | 32.2 | 22.912 | 11.8 | 18.233 | 0.534 | 1.214 | 66.2 | 1.326 | 12.6 | -0.604 | 1.190 | -63.1 | 1.335 |
| 247659.0 | 842129.7 | 140.0 | 19.162 | 12.031 | 32.1 | 22.626 | 12.0 | 18.005 | 0.512 | 1.198 | 66.9 | 1.303 | 12.6 | -0.585 | 1.137 | -62.8 | 1.279 |
| 247658.3 | 842129.0 | 139.9 | 18.927 | 11.862 | 32.1 | 22.337 | 12.3 | 17.775 | 0.490 | 1.184 | 67.5 | 1.281 | 12.5 | -0.565 | 1.079 | -62.4 | 1.218 |
| 247657.6 | 842128.3 | 139.9 | 18.766 | 11.745 | 32.0 | 22.138 | 12.5 | 17.617 | 0.472 | 1.171 | 68.0 | 1.262 | 12.7 | -0.562 | 1.074 | -62.4 | 1.212 |
| 247656.9 | 842127.6 | 140.0 | 18.628 | 11.644 | 32.0 | 21.968 | 12.6 | 17.482 | 0.457 | 1.158 | 68.5 | 1.245 | 13.1 | -0.563 | 1.081 | -62.5 | 1.219 |
| 247656.2 | 842126.9 | 140.0 | 18.489 | 11.544 | 32.0 | 21.797 | 12.8 | 17.346 | 0.442 | 1.147 | 68.9 | 1.229 | 13.5 | -0.558 | 1.083 | -62.7 | 1.218 |
| 247655.5 | 842126.1 | 139.9 | 18.241 | 11.370 | 31.9 | 21.494 | 13.0 | 17.104 | 0.420 | 1.134 | 69.7 | 1.210 | 13.2 | -0.523 | 0.996 | -62.3 | 1.125 |
| 247654.9 | 842125.4 | 139.9 | 17.999 | 11.202 | 31.9 | 21.200 | 13.3 | 16.871 | 0.399 | 1.122 | 70.4 | 1.191 | 12.8 | -0.487 | 0.910 | -61.8 | 1.032 |
| 247654.2 | 842124.7 | 139.9 | 17.795 | 11.060 | 31.9 | 20.952 | 13.5 | 16.673 | 0.381 | 1.112 | 71.1 | 1.175 | 12.7 | -0.456 | 0.845 | -61.6 | 0.960 |
| 247653.5 | 842124.0 | 139.8 | 17.512 | 10.866 | 31.8 | 20.609 | 13.7 | 16.400 | 0.358 | 1.101 | 72.0 | 1.158 | 11.9 | -0.404 | 0.713 | -60.5 | 0.820 |
| 247652.8 | 842123.3 | 139.7 | 17.251 | 10.689 | 31.8 | 20.295 | 14.0 | 16.150 | 0.337 | 1.091 | 72.8 | 1.142 | 11.1 | -0.354 | 0.591 | -59.1 | 0.689 |
| 247652.1 | 842122.5 | 139.7 | 17.041 | 10.547 | 31.8 | 20.041 | 14.2 | 15.948 | 0.320 | 1.083 | 73.5 | 1.129 | 10.7 | -0.311 | 0.499 | -58.1 | 0.588 |
| 247651.4 | 842121.8 | 139.7 | 16.880 | 10.438 | 31.7 | 19.847 | 14.4 | 15.793 | 0.306 | 1.077 | 74.1 | 1.120 | 10.6 | -0.272 | 0.437 | -58.1 | 0.515 |
| 247650.7 | 842121.1 | 139.8 | 16.719 | 10.329 | 31.7 | 19.652 | 14.6 | 15.639 | 0.293 | 1.071 | 74.7 | 1.111 | 10.5 | -0.228 | 0.366 | -58.0 | 0.432 |
| 247650.0 | 842120.4 | 139.7 | 16.492 | 10.178 | 31.7 | 19.380 | 14.8 | 15.422 | 0.276 | 1.066 | 75.5 | 1.101 | 9.7 | -0.168 | 0.237 | -54.6 | 0.290 |
| 247649.3 | 842119.7 | 139.8 | 16.417 | 10.129 | 31.7 | 19.290 | 15.0 | 15.350 | 0.270 | 1.063 | 75.8 | 1.097 | 10.2 | -0.129 | 0.215 | -59.1 | 0.251 |
| 247648.6 | 842119.0 | 139.9 | 16.340 | 10.078 | 31.7 | 19.198 | 15.1 | 15.278 | 0.264 | 1.062 | 76.0 | 1.094 | 10.6 | -0.084 | 0.185 | -65.7 | 0.203 |
| 247647.9 | 842118.2 | 139.9 | 16.269 | 10.031 | 31.7 | 19.112 | 15.3 | 15.209 | 0.258 | 1.061 | 76.3 | 1.092 | 11.1 | -0.033 | 0.149 | -77.5 | 0.153 |
| 247647.2 | 842117.5 | 139.9 | 15.975 | 9.840 | 31.6 | 18.762 | 15.6 | 14.930 | 0.238 | 1.058 | 77.3 | 1.085 | 9.5 | 0.054 | -0.064 | -49.8 | 0.084 |
| 247646.5 | 842116.8 | 139.8 | 15.671 | 9.643 | 31.6 | 18.400 | 15.8 | 14.642 | 0.219 | 1.056 | 78.3 | 1.079 | 7.7 | 0.145 | -0.296 | -63.9 | 0.329 |
| 247645.8 | 842116.1 | 139.9 | 15.656 | 9.635 | 31.6 | 18.383 | 16.0 | 14.629 | 0.217 | 1.059 | 78.4 | 1.081 | 8.5 | 0.200 | -0.308 | -57.0 | 0.367 |
| 247645.1 | 842115.4 | 140.1 | 15.691 | 9.660 | 31.6 | 18.426 | 16.1 | 14.663 | 0.219 | 1.062 | 78.4 | 1.084 | 9.7 | 0.253 | -0.287 | -48.6 | 0.382 |
| 247644.4 | 842114.6 | 140.3 | 15.774 | 9.715 | 31.6 | 18.526 | 16.2 | 14.742 | 0.225 | 1.066 | 78.1 | 1.089 | 11.3 | 0.305 | -0.235 | -37.6 | 0.385 |
| 247643.7 | 842113.9 | 140.4 | 15.767 | 9.714 | 31.6 | 18.519 | 16.3 | 14.737 | 0.225 | 1.069 | 78.1 | 1.093 | 12.0 | 0.371 | -0.257 | -34.7 | 0.452 |
| 247643.0 | 842113.2 | 140.5 | 15.739 | 9.698 | 31.6 | 18.487 | 16.5 | 14.712 | 0.224 | 1.073 | 78.2 | 1.096 | 12.5 | 0.442 | -0.300 | -34.2 | 0.534 |
| 247642.3 | 842112.5 | 140.9 | 16.094 | 9.930 | 31.7 | 18.911 | 16.4 | 15.049 | 0.257 | 1.080 | 76.6 | 1.110 | 16.5 | 0.476 | -0.052 | -6.3 | 0.478 |
| 247641.6 | 842111.8 | 141.0 | 16.065 | 9.914 | 31.7 | 18.878 | 16.6 | 15.023 | 0.257 | 1.083 | 76.7 | 1.113 | 16.9 | 0.551 | -0.100 | -10.3 | 0.560 |
| 247640.9 | 842111.1 | 141.2 | 16.154 | 9.975 | 31.7 | 18.985 | 16.7 | 15.108 | 0.268 | 1.088 | 76.2 | 1.120 | 18.4 | 0.616 | -0.060 | -5.6 | 0.619 |
| 247640.2 | 842110.3 | 141.4 | 16.186 | 9.999 | 31.7 | 19.025 | 16.8 | 15.140 | 0.274 | 1.091 | 75.9 | 1.125 | 19.4 | 0.686 | -0.063 | -5.2 | 0.689 |
| 247639.5 | 842109.6 | 141.6 | 16.202 | 10.014 | 31.7 | 19.047 | 17.0 | 15.157 | 0.278 | 1.094 | 75.7 | 1.129 | 20.2 | 0.758 | -0.077 | -5.8 | 0.762 |
| 247638.8 | 842108.9 | 141.7 | 16.149 | 9.985 | 31.7 | 18.986 | 17.1 | 15.109 | 0.275 | 1.097 | 75.9 | 1.131 | 20.4 | 0.833 | -0.142 | -9.6 | 0.845 |
| 247638.1 | 842108.2 | 141.8 | 16.067 | 9.938 | 31.7 | 18.892 | 17.4 | 15.034 | 0.269 | 1.098 | 76.2 | 1.131 | 20.3 | 0.909 | -0.226 | -14.0 | 0.936 |
| 247637.5 | 842107.5 | 142.0 | 16.253 | 10.063 | 31.8 | 19.116 | 17.4 | 15.212 | 0.293 | 1.101 | 75.1 | 1.140 | 22.8 | 0.963 | -0.105 | -6.2 | 0.969 |
| 247636.8 | 842106.7 | 142.4 | 16.579 | 10.277 | 31.8 | 19.506 | 17.4 | 15.523 | 0.333 | 1.106 | 73.2 | 1.155 | 26.5 | 1.008 | 0.120 | 6.8 | 1.015 |
| 247636.1 | 842106.0 | 142.9 | 17.059 | 10.590 | 31.8 | 20.079 | 17.4 | 15.978 | 0.391 | 1.112 | 70.6 | 1.179 | 31.3 | 1.045 | 0.451 | 23.4 | 1.138 |
| 247635.4 | 842105.3 | 143.2 | 17.275 | 10.734 | 31.9 | 20.339 | 17.4 | 16.185 | 0.420 | 1.115 | 69.4 | 1.191 | 33.8 | 1.097 | 0.594 | 28.4 | 1.248 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247634.7 | 842104.6 | 143.3 | 17.330 | 10.777 | 31.9 | 20.407 | 17.6 | 16.240 | 0.431 | 1.115 | 68.8 | 1.195 | 35.2 | 1.157 | 0.628 | 28.5 | 1.317 |
| 247634.0 | 842103.9 | 143.3 | 17.024 | 10.591 | 31.9 | 20.049 | 17.9 | 15.955 | 0.404 | 1.109 | 70.0 | 1.181 | 33.7 | 1.228 | 0.419 | 18.8 | 1.298 |
| 247633.3 | 842103.2 | 143.2 | 16.727 | 10.412 | 31.9 | 19.703 | 18.3 | 15.679 | 0.377 | 1.104 | 71.2 | 1.166 | 32.1 | 1.292 | 0.219 | 9.6 | 1.310 |
| 247632.6 | 842102.4 | 143.2 | 16.505 | 10.281 | 31.9 | 19.445 | 18.6 | 15.474 | 0.358 | 1.099 | 72.0 | 1.156 | 31.1 | 1.347 | 0.073 | 3.1 | 1.349 |
| 247631.9 | 842101.7 | 143.4 | 16.451 | 10.258 | 31.9 | 19.387 | 18.8 | 15.428 | 0.359 | 1.096 | 71.8 | 1.153 | 31.6 | 1.392 | 0.055 | 2.2 | 1.393 |
| 247631.2 | 842101.0 | 143.5 | 16.399 | 10.237 | 32.0 | 19.332 | 19.0 | 15.384 | 0.361 | 1.091 | 71.7 | 1.150 | 32.2 | 1.433 | 0.043 | 1.7 | 1.434 |
| 247630.5 | 842100.3 | 143.6 | 16.312 | 10.194 | 32.0 | 19.236 | 19.3 | 15.307 | 0.360 | 1.087 | 71.7 | 1.145 | 32.5 | 1.471 | 0.010 | 0.4 | 1.471 |
| 247629.8 | 842099.6 | 143.6 | 16.234 | 10.158 | 32.0 | 19.150 | 19.5 | 15.239 | 0.360 | 1.082 | 71.6 | 1.140 | 32.8 | 1.505 | -0.012 | -0.5 | 1.505 |
| 247629.1 | 842098.8 | 143.7 | 16.153 | 10.120 | 32.1 | 19.061 | 19.8 | 15.168 | 0.360 | 1.076 | 71.5 | 1.135 | 33.2 | 1.535 | -0.032 | -1.2 | 1.535 |
| 247628.4 | 842098.1 | 143.9 | 16.172 | 10.147 | 32.1 | 19.092 | 20.0 | 15.193 | 0.372 | 1.071 | 70.9 | 1.134 | 34.5 | 1.563 | 0.023 | 0.8 | 1.563 |
| 247627.7 | 842097.4 | 144.0 | 16.153 | 10.149 | 32.1 | 19.077 | 20.2 | 15.181 | 0.379 | 1.066 | 70.4 | 1.132 | 35.5 | 1.588 | 0.052 | 1.9 | 1.589 |
| 247627.0 | 842096.7 | 144.0 | 16.024 | 10.081 | 32.2 | 18.931 | 20.5 | 15.065 | 0.374 | 1.060 | 70.6 | 1.124 | 35.3 | 1.607 | 0.003 | 0.1 | 1.607 |
| 247626.3 | 842096.0 | 144.0 | 15.920 | 10.030 | 32.2 | 18.817 | 20.8 | 14.974 | 0.372 | 1.054 | 70.6 | 1.117 | 35.3 | 1.623 | -0.028 | -1.0 | 1.624 |
| 247625.6 | 842095.3 | 144.1 | 15.829 | 9.987 | 32.2 | 18.716 | 21.0 | 14.894 | 0.371 | 1.048 | 70.5 | 1.112 | 35.3 | 1.637 | -0.051 | -1.8 | 1.638 |
| 247624.9 | 842094.5 | 144.1 | 15.744 | 9.946 | 32.3 | 18.623 | 21.3 | 14.819 | 0.370 | 1.043 | 70.5 | 1.106 | 35.3 | 1.647 | -0.073 | -2.5 | 1.649 |
| 247624.2 | 842093.8 | 144.2 | 15.709 | 9.937 | 32.3 | 18.588 | 21.5 | 14.792 | 0.374 | 1.038 | 70.2 | 1.103 | 35.7 | 1.658 | -0.063 | -2.2 | 1.659 |
| 247623.5 | 842093.1 | 144.3 | 15.714 | 9.951 | 32.3 | 18.600 | 21.7 | 14.801 | 0.381 | 1.035 | 69.8 | 1.103 | 36.5 | 1.669 | -0.030 | -1.0 | 1.669 |
| 247622.8 | 842092.4 | 144.3 | 15.725 | 9.968 | 32.4 | 18.618 | 21.8 | 14.816 | 0.389 | 1.032 | 69.4 | 1.102 | 37.1 | 1.679 | 0.000 | 0.0 | 1.679 |
| 247622.1 | 842091.7 | 144.3 | 15.683 | 9.950 | 32.4 | 18.573 | 22.0 | 14.780 | 0.389 | 1.029 | 69.3 | 1.100 | 37.0 | 1.682 | -0.015 | -0.5 | 1.682 |
| 247621.4 | 842091.0 | 144.3 | 15.680 | 9.956 | 32.4 | 18.574 | 22.1 | 14.781 | 0.392 | 1.027 | 69.1 | 1.099 | 37.2 | 1.686 | -0.010 | -0.3 | 1.687 |

Max BF along centerline is 34.912 (uT) at 173.000 (m) from structure [redacted]-9

Cross section results at max BF along centerline between structures [redacted]-9 and [redacted]-10






3D EMF Point Results Span from [redacted]-9 to [redacted]-10:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 247804.3 | 842257.7 | 138.0 | 15.871 | 10.288 | 33.0 | 18.914 | 7.5 | 15.051 | 0.034 | 0.060 | 60.6 | 0.069 | 4.6 | -0.055 | 0.164 | -71.6 | 0.173 |
| 247803.6 | 842258.4 | 138.0 | 16.030 | 10.504 | 33.2 | 19.165 | 7.0 | 15.251 | 0.068 | 0.097 | 54.9 | 0.118 | 5.6 | -0.067 | 0.193 | -70.8 | 0.205 |
| 247802.8 | 842259.1 | 137.9 | 16.250 | 10.748 | 33.5 | 19.483 | 6.4 | 15.504 | 0.107 | 0.138 | 52.1 | 0.175 | 5.1 | -0.071 | 0.211 | -71.4 | 0.223 |
| 247802.1 | 842259.8 | 137.6 | 16.481 | 10.981 | 33.7 | 19.804 | 5.8 | 15.760 | 0.153 | 0.184 | 50.3 | 0.239 | 4.9 | -0.034 | 0.182 | -79.5 | 0.185 |
| 247801.4 | 842260.5 | 137.8 | 16.913 | 11.412 | 34.0 | 20.403 | 5.5 | 16.236 | 0.206 | 0.240 | 49.3 | 0.316 | 3.6 | -0.070 | 0.242 | -74.0 | 0.252 |
| 247800.7 | 842261.2 | 138.0 | 17.426 | 11.907 | 34.3 | 21.106 | 5.2 | 16.795 | 0.269 | 0.304 | 48.5 | 0.406 | 2.8 | -0.119 | 0.316 | -69.3 | 0.338 |
| 247800.0 | 842261.9 | 138.0 | 17.993 | 12.444 | 34.7 | 21.877 | 4.8 | 17.409 | 0.343 | 0.378 | 47.8 | 0.511 | 2.3 | -0.160 | 0.378 | -67.1 | 0.411 |
| 247799.2 | 842262.6 | 138.1 | 18.645 | 13.062 | 35.0 | 22.766 | 4.5 | 18.116 | 0.430 | 0.467 | 47.3 | 0.635 | 1.9 | -0.215 | 0.456 | -64.7 | 0.504 |
| 247798.5 | 842263.3 | 138.2 | 19.386 | 13.771 | 35.4 | 23.779 | 4.1 | 18.923 | 0.533 | 0.571 | 47.0 | 0.782 | 1.6 | -0.290 | 0.554 | -62.4 | 0.625 |
| 247797.8 | 842264.0 | 138.2 | 20.188 | 14.552 | 35.8 | 24.886 | 3.8 | 19.804 | 0.654 | 0.696 | 46.8 | 0.955 | 1.4 | -0.362 | 0.651 | -60.9 | 0.745 |
| 247797.1 | 842264.7 | 138.2 | 21.067 | 15.426 | 36.2 | 26.111 | 3.4 | 20.779 | 0.795 | 0.845 | 46.8 | 1.161 | 1.3 | -0.447 | 0.762 | -59.6 | 0.883 |
| 247796.4 | 842265.4 | 138.3 | 22.028 | 16.403 | 36.7 | 27.464 | 3.0 | 21.855 | 0.959 | 1.023 | 46.9 | 1.403 | 1.2 | -0.550 | 0.895 | -58.4 | 1.051 |
| 247795.7 | 842266.1 | 138.3 | 23.067 | 17.490 | 37.2 | 28.948 | 2.5 | 23.036 | 1.148 | 1.235 | 47.1 | 1.686 | 1.2 | -0.675 | 1.056 | -57.4 | 1.253 |
| 247794.9 | 842266.8 | 138.3 | 24.253 | 18.755 | 37.7 | 30.658 | 2.0 | 24.397 | 1.365 | 1.486 | 47.4 | 2.018 | 1.2 | -0.889 | 1.318 | -56.0 | 1.590 |
| 247794.2 | 842267.5 | 138.4 | 25.510 | 20.139 | 38.3 | 32.501 | 1.4 | 25.864 | 1.611 | 1.779 | 47.8 | 2.400 | 1.2 | -1.133 | 1.622 | -55.1 | 1.978 |
| 247793.5 | 842268.2 | 138.5 | 26.849 | 21.659 | 38.9 | 34.496 | 0.7 | 27.451 | 1.887 | 2.119 | 48.3 | 2.838 | 1.3 | -1.427 | 1.992 | -54.4 | 2.450 |
| 247792.8 | 842268.9 | 138.5 | 28.257 | 23.309 | 39.5 | 36.630 | 0.2 | 29.149 | 2.192 | 2.505 | 48.8 | 3.329 | 1.3 | -1.774 | 2.436 | -53.9 | 3.013 |
| 247792.1 | 842269.6 | 138.6 | 29.689 | 25.048 | 40.2 | 38.844 | 1.1 | 30.911 | 2.522 | 2.935 | 49.3 | 3.870 | 1.3 | -2.153 | 2.930 | -53.7 | 3.636 |
| 247791.3 | 842270.3 | 138.6 | 31.109 | 26.843 | 40.8 | 41.089 | 2.1 | 32.698 | 2.869 | 3.397 | 49.8 | 4.447 | 1.3 | -2.561 | 3.471 | -53.6 | 4.314 |
| 247790.6 | 842271.0 | 138.6 | 32.487 | 28.658 | 41.4 | 43.321 | 3.4 | 34.474 | 3.223 | 3.872 | 50.2 | 5.038 | 1.3 | -3.009 | 4.066 | -53.5 | 5.058 |
| 247789.9 | 842271.6 | 138.7 | 33.744 | 30.406 | 42.0 | 45.422 | 4.7 | 36.146 | 3.565 | 4.332 | 50.5 | 5.610 | 1.2 | -3.471 | 4.677 | -53.4 | 5.824 |
| 247789.2 | 842272.3 | 138.7 | 34.758 | 31.937 | 42.6 | 47.203 | 6.3 | 37.563 | 3.874 | 4.735 | 50.7 | 6.117 | 1.3 | -3.891 | 5.221 | -53.3 | 6.512 |
| 247788.5 | 842273.0 | 138.7 | 35.439 | 33.128 | 43.1 | 48.511 | 8.0 | 38.604 | 4.123 | 5.036 | 50.7 | 6.508 | 1.4 | -4.242 | 5.649 | -53.1 | 7.064 |
| 247787.8 | 842273.7 | 138.8 | 35.731 | 33.894 | 43.5 | 49.249 | 9.8 | 39.191 | 4.290 | 5.195 | 50.5 | 6.737 | 1.6 | -4.519 | 5.939 | -52.7 | 7.463 |
| 247787.0 | 842274.4 | 138.8 | 35.583 | 34.149 | 43.8 | 49.319 | 11.7 | 39.246 | 4.358 | 5.184 | 49.9 | 6.772 | 2.0 | -4.700 | 6.052 | -52.2 | 7.663 |
| 247786.3 | 842275.1 | 138.8 | 34.991 | 33.856 | 44.1 | 48.688 | 13.7 | 38.745 | 4.323 | 4.997 | 49.1 | 6.607 | 2.6 | -4.772 | 5.970 | -51.4 | 7.643 |
| 247785.6 | 842275.8 | 138.9 | 33.990 | 33.034 | 44.2 | 47.398 | 15.7 | 37.718 | 4.191 | 4.653 | 48.0 | 6.262 | 3.2 | -4.730 | 5.696 | -50.3 | 7.404 |
| 247784.9 | 842276.5 | 138.9 | 32.638 | 31.728 | 44.2 | 45.518 | 17.8 | 36.222 | 3.979 | 4.190 | 46.5 | 5.778 | 4.0 | -4.559 | 5.234 | -48.9 | 6.941 |
| 247784.2 | 842277.2 | 138.9 | 31.008 | 30.018 | 44.1 | 43.158 | 19.9 | 34.344 | 3.709 | 3.655 | 44.6 | 5.208 | 4.8 | -4.251 | 4.611 | -47.3 | 6.272 |
| 247783.4 | 842277.9 | 138.9 | 29.280 | 28.129 | 43.9 | 40.602 | 21.8 | 32.310 | 3.408 | 3.098 | 42.3 | 4.605 | 5.7 | -3.911 | 3.965 | -45.4 | 5.569 |
| 247782.7 | 842278.6 | 138.9 | 27.523 | 26.158 | 43.5 | 37.970 | 23.7 | 30.216 | 3.093 | 2.555 | 39.6 | 4.012 | 6.6 | -3.554 | 3.329 | -43.1 | 4.870 |

Centerline results between structures [redacted]-10 and [redacted]-11

3D EMF Point Results Centerline from [redacted]-10 to [redacted]-11:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 247620.6 | 842090.1 | 144.4 | 15.760 | 10.011 | 32.4 | 18.671 | 22.2 | 14.858 | 0.402 | 1.027 | 68.6 | 1.103 | 38.0 | 1.697 | 0.040 | 1.4 | 1.697 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247619.9 | 842089.4 | 144.4 | 15.757 | 10.011 | 32.4 | 18.668 | 22.3 | 14.855 | 0.402 | 1.026 | 68.6 | 1.102 | 37.8 | 1.699 | 0.021 | 0.7 | 1.699 |
| 247619.2 | 842088.6 | 144.4 | 15.777 | 10.023 | 32.4 | 18.692 | 22.4 | 14.874 | 0.403 | 1.027 | 68.6 | 1.103 | 37.6 | 1.701 | 0.008 | 0.3 | 1.701 |
| 247618.5 | 842087.9 | 144.3 | 15.749 | 10.003 | 32.4 | 18.657 | 22.4 | 14.847 | 0.398 | 1.027 | 68.8 | 1.101 | 36.6 | 1.694 | -0.048 | -1.6 | 1.695 |
| 247617.8 | 842087.2 | 144.3 | 15.767 | 10.010 | 32.4 | 18.676 | 22.5 | 14.862 | 0.396 | 1.029 | 69.0 | 1.102 | 35.9 | 1.691 | -0.081 | -2.7 | 1.693 |
| 247617.1 | 842086.5 | 144.2 | 15.811 | 10.033 | 32.4 | 18.726 | 22.5 | 14.902 | 0.395 | 1.031 | 69.0 | 1.104 | 35.5 | 1.688 | -0.105 | -3.6 | 1.692 |
| 247616.5 | 842085.7 | 144.2 | 15.828 | 10.037 | 32.4 | 18.742 | 22.4 | 14.914 | 0.390 | 1.034 | 69.3 | 1.105 | 34.4 | 1.680 | -0.157 | -5.3 | 1.688 |
| 247615.8 | 842085.0 | 144.1 | 15.948 | 10.104 | 32.4 | 18.880 | 22.4 | 15.024 | 0.395 | 1.038 | 69.2 | 1.111 | 34.5 | 1.684 | -0.145 | -4.9 | 1.690 |
| 247615.1 | 842084.3 | 144.1 | 16.085 | 10.181 | 32.3 | 19.036 | 22.3 | 15.149 | 0.401 | 1.043 | 69.0 | 1.117 | 34.7 | 1.689 | -0.130 | -4.4 | 1.694 |
| 247614.4 | 842083.6 | 144.1 | 16.238 | 10.267 | 32.3 | 19.211 | 22.2 | 15.288 | 0.406 | 1.048 | 68.8 | 1.124 | 34.9 | 1.695 | -0.111 | -3.8 | 1.698 |
| 247613.7 | 842082.8 | 144.1 | 16.378 | 10.344 | 32.3 | 19.371 | 22.1 | 15.415 | 0.410 | 1.054 | 68.7 | 1.131 | 34.9 | 1.697 | -0.107 | -3.6 | 1.701 |
| 247613.0 | 842082.1 | 144.0 | 16.500 | 10.410 | 32.2 | 19.510 | 22.0 | 15.525 | 0.411 | 1.060 | 68.8 | 1.137 | 34.5 | 1.696 | -0.119 | -4.0 | 1.700 |
| 247612.3 | 842081.4 | 144.0 | 16.628 | 10.480 | 32.2 | 19.655 | 21.9 | 15.641 | 0.412 | 1.065 | 68.8 | 1.142 | 34.2 | 1.695 | -0.131 | -4.4 | 1.700 |
| 247611.6 | 842080.7 | 143.9 | 16.735 | 10.536 | 32.2 | 19.776 | 21.8 | 15.737 | 0.411 | 1.071 | 69.0 | 1.147 | 33.5 | 1.689 | -0.161 | -5.4 | 1.697 |
| 247610.9 | 842080.0 | 143.8 | 16.849 | 10.597 | 32.2 | 19.904 | 21.7 | 15.839 | 0.409 | 1.077 | 69.2 | 1.152 | 32.9 | 1.683 | -0.189 | -6.4 | 1.694 |
| 247610.2 | 842079.2 | 143.7 | 16.969 | 10.662 | 32.1 | 20.040 | 21.6 | 15.948 | 0.408 | 1.083 | 69.3 | 1.157 | 32.3 | 1.677 | -0.214 | -7.3 | 1.690 |
| 247609.6 | 842078.5 | 143.7 | 17.094 | 10.730 | 32.1 | 20.183 | 21.5 | 16.061 | 0.408 | 1.089 | 69.5 | 1.162 | 31.6 | 1.670 | -0.239 | -8.1 | 1.687 |
| 247608.9 | 842077.8 | 143.6 | 17.224 | 10.802 | 32.1 | 20.331 | 21.4 | 16.179 | 0.407 | 1.095 | 69.6 | 1.168 | 31.1 | 1.662 | -0.262 | -9.0 | 1.682 |
| 247608.2 | 842077.1 | 143.5 | 17.358 | 10.876 | 32.1 | 20.484 | 21.3 | 16.300 | 0.407 | 1.100 | 69.7 | 1.173 | 30.5 | 1.652 | -0.284 | -9.8 | 1.677 |
| 247607.5 | 842076.3 | 143.5 | 17.543 | 10.982 | 32.0 | 20.697 | 21.1 | 16.470 | 0.411 | 1.107 | 69.6 | 1.181 | 30.5 | 1.649 | -0.276 | -9.5 | 1.672 |
| 247606.8 | 842075.6 | 143.4 | 17.752 | 11.103 | 32.0 | 20.938 | 21.0 | 16.662 | 0.417 | 1.113 | 69.5 | 1.189 | 30.7 | 1.648 | -0.254 | -8.7 | 1.667 |
| 247606.1 | 842074.9 | 143.4 | 18.024 | 11.262 | 32.0 | 21.253 | 20.9 | 16.913 | 0.429 | 1.120 | 69.1 | 1.199 | 31.5 | 1.654 | -0.196 | -6.7 | 1.665 |
| 247605.4 | 842074.2 | 143.4 | 18.280 | 11.412 | 32.0 | 21.550 | 20.7 | 17.149 | 0.439 | 1.127 | 68.7 | 1.209 | 32.2 | 1.656 | -0.149 | -5.1 | 1.663 |
| 247604.7 | 842073.4 | 143.3 | 18.288 | 11.411 | 32.0 | 21.556 | 20.7 | 17.154 | 0.426 | 1.130 | 69.3 | 1.208 | 30.1 | 1.620 | -0.249 | -8.7 | 1.639 |
| 247604.0 | 842072.7 | 143.1 | 18.252 | 11.384 | 32.0 | 21.511 | 20.7 | 17.118 | 0.411 | 1.133 | 70.1 | 1.206 | 27.4 | 1.575 | -0.376 | -13.4 | 1.620 |
| 247603.3 | 842072.0 | 143.0 | 18.416 | 11.479 | 31.9 | 21.701 | 20.6 | 17.269 | 0.413 | 1.139 | 70.1 | 1.211 | 26.9 | 1.559 | -0.385 | -13.9 | 1.606 |
| 247602.6 | 842071.3 | 143.1 | 18.842 | 11.732 | 31.9 | 22.196 | 20.4 | 17.663 | 0.436 | 1.146 | 69.2 | 1.227 | 29.3 | 1.581 | -0.244 | -8.8 | 1.600 |
| 247602.0 | 842070.5 | 143.1 | 19.062 | 11.862 | 31.9 | 22.451 | 20.2 | 17.866 | 0.442 | 1.152 | 69.0 | 1.234 | 29.4 | 1.571 | -0.224 | -8.1 | 1.587 |
| 247601.3 | 842069.8 | 143.0 | 19.255 | 11.974 | 31.9 | 22.675 | 20.1 | 18.044 | 0.446 | 1.157 | 68.9 | 1.240 | 29.1 | 1.556 | -0.222 | -8.1 | 1.572 |
| 247600.6 | 842069.1 | 143.0 | 19.441 | 12.083 | 31.9 | 22.890 | 20.0 | 18.215 | 0.448 | 1.163 | 68.9 | 1.246 | 28.6 | 1.539 | -0.227 | -8.4 | 1.556 |
| 247599.9 | 842068.4 | 142.9 | 19.715 | 12.245 | 31.8 | 23.208 | 19.9 | 18.468 | 0.458 | 1.169 | 68.6 | 1.255 | 29.1 | 1.536 | -0.185 | -6.9 | 1.547 |
| 247599.2 | 842067.7 | 143.0 | 20.042 | 12.439 | 31.8 | 23.588 | 19.8 | 18.771 | 0.471 | 1.176 | 68.2 | 1.267 | 30.1 | 1.541 | -0.118 | -4.4 | 1.546 |
| 247598.5 | 842066.9 | 142.9 | 20.271 | 12.574 | 31.8 | 23.854 | 19.6 | 18.982 | 0.476 | 1.183 | 68.1 | 1.275 | 29.9 | 1.531 | -0.109 | -4.1 | 1.535 |
| 247597.8 | 842066.2 | 142.8 | 20.403 | 12.650 | 31.8 | 24.006 | 19.6 | 19.103 | 0.472 | 1.188 | 68.3 | 1.278 | 28.6 | 1.507 | -0.155 | -5.9 | 1.515 |
| 247597.1 | 842065.5 | 142.8 | 20.633 | 12.786 | 31.8 | 24.274 | 19.5 | 19.316 | 0.476 | 1.195 | 68.3 | 1.286 | 28.3 | 1.499 | -0.153 | -5.8 | 1.506 |
| 247596.4 | 842064.8 | 142.8 | 20.895 | 12.941 | 31.8 | 24.578 | 19.4 | 19.559 | 0.482 | 1.202 | 68.2 | 1.295 | 28.3 | 1.497 | -0.138 | -5.3 | 1.503 |
| 247595.7 | 842064.0 | 142.7 | 21.128 | 13.078 | 31.8 | 24.848 | 19.2 | 19.773 | 0.485 | 1.210 | 68.2 | 1.303 | 27.9 | 1.491 | -0.143 | -5.5 | 1.498 |
| 247595.1 | 842063.3 | 142.7 | 21.451 | 13.269 | 31.7 | 25.223 | 19.1 | 20.072 | 0.494 | 1.219 | 67.9 | 1.315 | 28.4 | 1.501 | -0.106 | -4.0 | 1.505 |
| 247594.4 | 842062.6 | 142.8 | 21.862 | 13.513 | 31.7 | 25.701 | 18.9 | 20.452 | 0.510 | 1.229 | 67.5 | 1.331 | 29.7 | 1.527 | -0.030 | -1.1 | 1.528 |
| 247593.7 | 842061.9 | 142.8 | 22.281 | 13.762 | 31.7 | 26.188 | 18.7 | 20.840 | 0.526 | 1.239 | 67.0 | 1.346 | 31.0 | 1.556 | 0.043 | 1.6 | 1.556 |
| 247593.0 | 842061.1 | 142.8 | 22.691 | 14.004 | 31.7 | 26.664 | 18.5 | 21.219 | 0.541 | 1.250 | 66.6 | 1.362 | 32.2 | 1.585 | 0.105 | 3.8 | 1.588 |
| 247592.3 | 842060.4 | 142.8 | 23.020 | 14.198 | 31.7 | 27.046 | 18.4 | 21.523 | 0.549 | 1.260 | 66.5 | 1.374 | 32.4 | 1.602 | 0.122 | 4.3 | 1.607 |
| 247591.6 | 842059.7 | 142.7 | 23.186 | 14.295 | 31.7 | 27.239 | 18.3 | 21.676 | 0.543 | 1.268 | 66.8 | 1.379 | 31.0 | 1.597 | 0.055 | 2.0 | 1.598 |
| 247590.9 | 842059.0 | 142.6 | 23.259 | 14.336 | 31.6 | 27.322 | 18.3 | 21.742 | 0.529 | 1.275 | 67.5 | 1.380 | 28.5 | 1.579 | -0.060 | -2.2 | 1.580 |
| 247590.2 | 842058.3 | 142.6 | 23.451 | 14.448 | 31.6 | 27.544 | 18.2 | 21.919 | 0.525 | 1.284 | 67.8 | 1.387 | 27.2 | 1.581 | -0.122 | -4.4 | 1.586 |
| 247589.5 | 842057.5 | 142.5 | 23.718 | 14.604 | 31.6 | 27.854 | 18.1 | 22.165 | 0.526 | 1.293 | 67.9 | 1.396 | 26.6 | 1.597 | -0.151 | -5.4 | 1.604 |
| 247588.8 | 842056.8 | 142.5 | 24.062 | 14.807 | 31.6 | 28.252 | 18.0 | 22.483 | 0.532 | 1.303 | 67.8 | 1.408 | 26.8 | 1.627 | -0.146 | -5.1 | 1.633 |
| 247588.1 | 842056.1 | 142.6 | 24.513 | 15.072 | 31.6 | 28.776 | 17.8 | 22.899 | 0.547 | 1.314 | 67.4 | 1.424 | 28.1 | 1.675 | -0.096 | -3.3 | 1.677 |
| 247587.5 | 842055.4 | 142.5 | 24.820 | 15.252 | 31.6 | 29.132 | 17.6 | 23.182 | 0.550 | 1.324 | 67.5 | 1.434 | 27.8 | 1.702 | -0.116 | -3.9 | 1.706 |
| 247586.8 | 842054.6 | 142.5 | 25.127 | 15.431 | 31.6 | 29.487 | 17.5 | 23.465 | 0.552 | 1.333 | 67.5 | 1.443 | 27.5 | 1.731 | -0.140 | -4.6 | 1.736 |
| 247586.1 | 842053.9 | 142.5 | 25.359 | 15.566 | 31.5 | 29.755 | 17.4 | 23.679 | 0.549 | 1.342 | 67.8 | 1.450 | 26.4 | 1.749 | -0.201 | -6.6 | 1.761 |
| 247585.4 | 842053.2 | 142.4 | 25.668 | 15.746 | 31.5 | 30.113 | 17.3 | 23.963 | 0.551 | 1.351 | 67.8 | 1.459 | 26.1 | 1.781 | -0.230 | -7.3 | 1.796 |
| 247584.7 | 842052.5 | 142.5 | 26.218 | 16.068 | 31.5 | 30.751 | 17.1 | 24.470 | 0.572 | 1.362 | 67.2 | 1.477 | 28.2 | 1.850 | -0.151 | -4.7 | 1.856 |
| 247584.0 | 842051.7 | 142.5 | 26.569 | 16.272 | 31.5 | 31.156 | 16.9 | 24.793 | 0.577 | 1.371 | 67.2 | 1.488 | 28.2 | 1.889 | -0.166 | -5.0 | 1.897 |
| 247583.3 | 842051.0 | 142.4 | 26.883 | 16.454 | 31.5 | 31.518 | 16.8 | 25.081 | 0.579 | 1.380 | 67.2 | 1.497 | 27.9 | 1.923 | -0.200 | -5.9 | 1.934 |
| 247582.6 | 842050.3 | 142.4 | 27.198 | 16.637 | 31.5 | 31.883 | 16.7 | 25.372 | 0.581 | 1.388 | 67.3 | 1.505 | 27.5 | 1.958 | -0.234 | -6.8 | 1.972 |
| 247581.9 | 842049.6 | 142.4 | 27.516 | 16.820 | 31.4 | 32.250 | 16.5 | 25.664 | 0.584 | 1.396 | 67.3 | 1.514 | 27.2 | 1.992 | -0.268 | -7.7 | 2.010 |
| 247581.2 | 842048.8 | 142.4 | 27.926 | 17.058 | 31.4 | 32.724 | 16.4 | 26.041 | 0.594 | 1.405 | 67.1 | 1.525 | 27.7 | 2.039 | -0.263 | -7.3 | 2.056 |
| 247580.6 | 842048.1 | 142.4 | 28.246 | 17.242 | 31.4 | 33.093 | 16.2 | 26.335 | 0.596 | 1.412 | 67.1 | 1.533 | 27.4 | 2.072 | -0.298 | -8.2 | 2.093 |
| 247579.9 | 842047.4 | 142.4 | 28.844 | 17.589 | 31.4 | 33.784 | 16.0 | 26.884 | 0.621 | 1.422 | 66.4 | 1.551 | 29.7 | 2.142 | -0.216 | -5.7 | 2.153 |
| 247579.2 | 842046.7 | 142.4 | 29.327 | 17.867 | 31.4 | 34.341 | 15.8 | 27.328 | 0.637 | 1.429 | 66.0 | 1.565 | 30.8 | 2.194 | -0.184 | -4.8 | 2.202 |
| 247578.5 | 842046.0 | 142.4 | 29.669 | 18.063 | 31.3 | 34.736 | 15.6 | 27.642 | 0.643 | 1.436 | 65.9 | 1.573 | 30.7 | 2.224 | -0.209 | -5.4 | 2.234 |
| 247577.8 | 842045.2 | 142.4 | 30.014 | 18.261 | 31.3 | 35.133 | 15.5 | 27.958 | 0.649 | 1.441 | 65.8 | 1.580 | 30.5 | 2.253 | -0.233 | -5.9 | 2.265 |
| 247577.1 | 842044.5 | 142.3 | 30.293 | 18.419 | 31.3 | 35.453 | 15.4 | 28.213 | 0.650 | 1.446 | 65.8 | 1.585 | 29.8 | 2.270 | -0.282 | -7.1 | 2.288 |
| 247576.4 | 842043.8 | 142.4 | 30.912 | 18.774 | 31.3 | 36.166 | 15.1 | 28.780 | 0.678 | 1.453 | 65.0 | 1.603 | 32.3 | 2.332 | -0.193 | -4.7 | 2.340 |
| 247575.7 | 842043.1 | 142.5 | 31.612 | 19.177 | 31.2 | 36.974 | 14.8 | 29.423 | 0.714 | 1.460 | 63.9 | 1.625 | 35.5 | 2.404 | -0.073 | -1.7 | 2.405 |
| 247575.0 | 842042.3 | 142.5 | 32.238 | 19.535 | 31.2 | 37.695 | 14.6 | 29.997 | 0.745 | 1.466 | 63.1 | 1.644 | 38.0 | 2.463 | 0.016 | 0.4 | 2.463 |
| 247574.3 | 842041.6 | 142.5 | 32.681 | 19.786 | 31.2 | 38.203 | 14.4 | 30.401 | 0.761 | 1.470 | 62.6 | 1.655 | 38.9 | 2.495 | 0.037 | 0.9 | 2.496 |
| 247573.6 | 842040.9 | 142.5 | 33.127 | 20.039 | 31.2 | 38.717 | 14.2 | 30.810 | 0.777 | 1.473 | 62.2 | 1.665 | 39.9 | 2.527 | 0.063 | 1.4 | 2.528 |
| 247573.0 | 842040.2 | 142.5 | 33.412 | 20.197 | 31.2 | 39.042 | 14.1 | 31.069 | 0.781 | 1.473 | 62.1 | 1.668 | 39.4 | 2.537 | 0.031 | 0.7 | 2.537 |
| 247572.3 | 842039.4 | 142.4 | 33.649 | 20.328 | 31.1 | 39.313 | 14.0 | 31.284 | 0.781 | 1.473 | 62.1 | 1.667 | 38.6 | 2.539 | -0.014 | -0.3 | 2.539 |
| 247571.6 | 842038.7 | 142.4 | 34.011 | 20.531 | 31.1 | 39.727 | 13.9 | 31.614 | 0.792 | 1.473 | 61.7 | 1.673 | 39.0 | 2.558 | -0.010 | -0.2 | 2.558 |
| 247570.9 | 842038.0 | 142.4 | 34.534 | 20.825 | 31.1 | 40.327 | 13.7 | 32.091 | 0.818 | 1.475 | 61.0 | 1.686 | 41.0 | 2.600 | 0.056 | 1.2 | 2.601 |
| 247570.2 | 842037.3 | 142.3 | 34.729 | 20.931 | 31.1 | 40.549 | 13.6 | 32.268 | 0.816 | 1.472 | 61.0 | 1.683 | 40.0 | 2.598 | 0.008 | 0.2 | 2.598 |
| 247569.5 | 842036.6 | 142.3 | 35.022 | 21.093 | 31.1 | 40.884 | 13.5 | 32.534 | 0.824 | 1.470 | 60.7 | 1.685 | 40.0 | 2.610 | -0.001 | -0.0 | 2.610 |
| 247568.8 | 842035.8 | 142.2 | 35.407 | 21.307 | 31.0 | 41.323 | 13.3 | 32.884 | 0.839 | 1.468 | 60.3 | 1.691 | 41.0 | 2.637 | 0.026 | 0.6 | 2.637 |
| 247568.1 | 842035.1 | 142.2 | 35.844 | 21.550 | 31.0 | 41.823 | 13.1 | 33.282 | 0.860 | 1.467 | 59.6 | 1.700 | 42.5 | 2.674 | 0.074 | 1.6 | 2.675 |
| 247567.4 | 842034.4 | 142.2 | 36.183 | 21.737 | 31.0 | 42.210 | 13.0 | 33.590 | 0.873 | 1.465 | 59.2 | 1.705 | 43.3 | 2.701 | 0.091 | 1.9 | 2.702 |
| 247566.7 | 842033.7 | 142.1 | 36.519 | 21.922 | 31.0 | 42.593 | 12.9 | 33.894 | 0.886 | 1.462 | 58.8 | 1.709 | 44.1 | 2.730 | 0.110 | 2.3 | 2.732 |
| 247566.1 | 842032.9 | 142.1 | 36.855 | 22.106 | 31.0 | 42.976 | 12.7 | 34.199 | 0.900 | 1.458 | 58.3 | 1.714 | 45.0 | 2.763 | 0.132 | 2.7 | 2.767 |
| 247565.4 | 842032.2 | 142.1 | 37.196 | 22.293 | 30.9 | 43.365 | 12.6 | 34.509 | 0.916 | 1.455 | 57.8 | 1.719 | 46.1 | 2.802 | 0.158 | 3.2 | 2.806 |
| 247564.7 | 842031.5 | 142.0 | 37.551 | 22.487 | 30.9 | 43.769 | 12.5 | 34.830 | 0.933 | 1.452 | 57.3 | 1.726 | 47.5 | 2.847 | 0.191 | 3.8 | 2.854 |
| 247564.0 | 842030.8 | 142.0 | 37.906 | 22.680 | 30.9 | 44.173 | 12.3 | 35.152 | 0.951 | 1.449 | 56.7 | 1.733 | 49.0 | 2.897 | 0.227 | 4.5 | 2.906 |
| 247563.3 | 842030.0 | 142.0 | 38.262 | 22.874 | 30.9 | 44.578 | 12.2 | 35.474 | 0.969 | 1.445 | 56.1 | 1.740 | 50.6 | 2.953 | 0.265 | 5.1 | 2.965 |
| 247562.6 | 842029.3 | 141.9 | 38.477 | 22.987 | 30.9 | 44.821 | 12.1 | 35.668 | 0.977 | 1.440 | 55.8 | 1.740 | 51.0 | 2.994 | 0.261 | 5.0 | 3.005 |
| 247561.9 | 842028.6 | 141.8 | 38.404 | 22.938 | 30.8 | 44.733 | 12.2 | 35.597 | 0.961 | 1.430 | 56.1 | 1.723 | 48.9 | 2.998 | 0.171 | 3.3 | 3.003 |
| 247561.2 | 842027.9 | 141.7 | 38.506 | 22.987 | 30.8 | 44.845 | 12.1 | 35.687 | 0.961 | 1.423 | 56.0 | 1.717 | 48.5 | 3.033 | 0.138 | 2.6 | 3.036 |
| 247560.5 | 842027.1 | 141.7 | 39.010 | 23.263 | 30.8 | 45.420 | 11.9 | 36.144 | 0.995 | 1.422 | 55.0 | 1.735 | 52.1 | 3.129 | 0.234 | 4.3 | 3.137 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247559.8 | 842026.4 | 141.6 | 39.218 | 23.371 | 30.8 | 45.654 | 11.9 | 36.330 | 1.006 | 1.416 | 54.6 | 1.737 | 53.0 | 3.186 | 0.240 | 4.3 | 3.195 |
| 247559.1 | 842025.7 | 141.5 | 38.978 | 23.227 | 30.8 | 45.374 | 12.0 | 36.107 | 0.979 | 1.405 | 55.1 | 1.712 | 49.7 | 3.183 | 0.114 | 2.0 | 3.185 |
| 247558.5 | 842025.0 | 141.4 | 39.148 | 23.314 | 30.8 | 45.564 | 11.9 | 36.259 | 0.988 | 1.399 | 54.8 | 1.713 | 50.5 | 3.240 | 0.117 | 2.1 | 3.243 |
| 247557.8 | 842024.3 | 141.3 | 39.423 | 23.460 | 30.8 | 45.875 | 11.8 | 36.506 | 1.007 | 1.395 | 54.2 | 1.720 | 52.4 | 3.313 | 0.156 | 2.7 | 3.317 |
| 247557.1 | 842023.5 | 141.1 | 38.962 | 23.192 | 30.8 | 45.342 | 12.0 | 36.082 | 0.966 | 1.382 | 55.1 | 1.686 | 47.4 | 3.281 | -0.022 | -0.4 | 3.281 |
| 247556.4 | 842022.8 | 140.9 | 38.659 | 23.014 | 30.8 | 44.990 | 12.2 | 35.802 | 0.940 | 1.372 | 55.6 | 1.663 | 44.0 | 3.269 | -0.146 | -2.5 | 3.272 |
| 247555.7 | 842022.1 | 140.8 | 38.658 | 23.004 | 30.8 | 44.985 | 12.2 | 35.798 | 0.940 | 1.364 | 55.4 | 1.657 | 43.7 | 3.296 | -0.168 | -2.9 | 3.301 |
| 247555.0 | 842021.4 | 140.7 | 38.706 | 23.023 | 30.7 | 45.036 | 12.2 | 35.839 | 0.947 | 1.358 | 55.1 | 1.655 | 44.1 | 3.326 | -0.165 | -2.8 | 3.330 |
| 247554.3 | 842020.6 | 140.7 | 38.808 | 23.072 | 30.7 | 45.148 | 12.2 | 35.928 | 0.959 | 1.351 | 54.6 | 1.657 | 45.2 | 3.357 | -0.135 | -2.3 | 3.360 |
| 247553.6 | 842019.9 | 140.5 | 38.341 | 22.802 | 30.7 | 44.609 | 12.4 | 35.498 | 0.931 | 1.340 | 55.2 | 1.631 | 41.2 | 3.296 | -0.266 | -4.6 | 3.307 |
| 247552.9 | 842019.2 | 140.3 | 38.235 | 22.735 | 30.7 | 44.484 | 12.4 | 35.399 | 0.932 | 1.330 | 55.0 | 1.624 | 40.8 | 3.279 | -0.271 | -4.7 | 3.290 |
| 247552.2 | 842018.5 | 140.2 | 38.009 | 22.600 | 30.7 | 44.220 | 12.5 | 35.190 | 0.927 | 1.320 | 54.9 | 1.613 | 39.6 | 3.233 | -0.299 | -5.3 | 3.246 |
| 247551.5 | 842017.7 | 140.0 | 37.550 | 22.336 | 30.7 | 43.691 | 12.8 | 34.768 | 0.910 | 1.308 | 55.2 | 1.594 | 36.6 | 3.138 | -0.383 | -7.0 | 3.162 |
| 247550.9 | 842017.0 | 139.8 | 37.044 | 22.046 | 30.8 | 43.107 | 13.0 | 34.304 | 0.893 | 1.296 | 55.4 | 1.574 | 33.5 | 3.023 | -0.468 | -8.8 | 3.059 |
| 247550.2 | 842016.3 | 139.6 | 36.741 | 21.869 | 30.8 | 42.757 | 13.1 | 34.025 | 0.892 | 1.285 | 55.2 | 1.564 | 32.2 | 2.929 | -0.477 | -9.2 | 2.968 |
| 247549.5 | 842015.6 | 139.5 | 36.624 | 21.797 | 30.8 | 42.620 | 13.2 | 33.916 | 0.901 | 1.274 | 54.7 | 1.560 | 32.3 | 2.856 | -0.416 | -8.3 | 2.887 |
| 247548.8 | 842014.9 | 139.3 | 36.388 | 21.658 | 30.8 | 42.346 | 13.3 | 33.698 | 0.904 | 1.264 | 54.4 | 1.553 | 31.4 | 2.755 | -0.385 | -7.9 | 2.782 |
| 247548.1 | 842014.1 | 139.2 | 36.280 | 21.590 | 30.8 | 42.218 | 13.4 | 33.596 | 0.913 | 1.254 | 54.0 | 1.551 | 31.3 | 2.669 | -0.308 | -6.6 | 2.687 |
| 247547.4 | 842013.4 | 139.1 | 36.388 | 21.643 | 30.7 | 42.338 | 13.3 | 33.691 | 0.932 | 1.248 | 53.3 | 1.557 | 32.8 | 2.619 | -0.164 | -3.6 | 2.624 |
| 247546.7 | 842012.7 | 139.0 | 36.301 | 21.587 | 30.7 | 42.235 | 13.4 | 33.609 | 0.940 | 1.242 | 52.9 | 1.558 | 32.7 | 2.531 | -0.080 | -1.8 | 2.532 |
| 247546.0 | 842012.0 | 138.8 | 35.888 | 21.350 | 30.7 | 41.759 | 13.6 | 33.231 | 0.932 | 1.235 | 53.0 | 1.547 | 29.8 | 2.379 | -0.096 | -2.3 | 2.381 |
| 247545.3 | 842011.2 | 138.7 | 35.781 | 21.284 | 30.7 | 41.633 | 13.7 | 33.131 | 0.939 | 1.232 | 52.7 | 1.549 | 29.4 | 2.284 | -0.023 | -0.6 | 2.284 |
| 247544.6 | 842010.5 | 138.6 | 35.744 | 21.256 | 30.7 | 41.587 | 13.7 | 33.094 | 0.948 | 1.230 | 52.4 | 1.553 | 29.5 | 2.204 | 0.066 | 1.7 | 2.205 |
| 247544.0 | 842009.8 | 138.5 | 35.704 | 21.227 | 30.7 | 41.537 | 13.7 | 33.054 | 0.956 | 1.229 | 52.1 | 1.558 | 29.5 | 2.126 | 0.148 | 4.0 | 2.131 |
| 247543.3 | 842009.1 | 138.3 | 35.641 | 21.185 | 30.7 | 41.462 | 13.8 | 32.994 | 0.963 | 1.229 | 51.9 | 1.562 | 29.5 | 2.046 | 0.218 | 6.1 | 2.058 |
| 247542.6 | 842008.3 | 138.2 | 35.445 | 21.069 | 30.7 | 41.234 | 13.9 | 32.813 | 0.964 | 1.229 | 51.9 | 1.561 | 28.2 | 1.942 | 0.243 | 7.1 | 1.957 |
| 247541.9 | 842007.6 | 138.1 | 35.326 | 20.996 | 30.7 | 41.094 | 13.9 | 32.702 | 0.967 | 1.229 | 51.8 | 1.564 | 27.7 | 1.858 | 0.287 | 8.8 | 1.880 |
| 247541.2 | 842006.9 | 137.9 | 34.956 | 20.785 | 30.7 | 40.669 | 14.1 | 32.363 | 0.960 | 1.227 | 51.9 | 1.558 | 24.9 | 1.723 | 0.251 | 8.3 | 1.741 |
| 247540.5 | 842006.2 | 137.8 | 34.816 | 20.701 | 30.7 | 40.505 | 14.2 | 32.233 | 0.963 | 1.226 | 51.9 | 1.559 | 24.2 | 1.641 | 0.280 | 9.7 | 1.665 |
| 247539.8 | 842005.4 | 137.6 | 34.660 | 20.608 | 30.7 | 40.323 | 14.3 | 32.088 | 0.965 | 1.225 | 51.8 | 1.560 | 23.5 | 1.559 | 0.303 | 11.0 | 1.588 |
| 247539.1 | 842004.7 | 137.6 | 34.853 | 20.708 | 30.7 | 40.540 | 14.2 | 32.261 | 0.982 | 1.227 | 51.3 | 1.572 | 26.2 | 1.559 | 0.430 | 15.4 | 1.617 |
| 247538.4 | 842004.0 | 137.6 | 35.050 | 20.809 | 30.7 | 40.762 | 14.1 | 32.437 | 1.000 | 1.228 | 50.8 | 1.584 | 29.0 | 1.565 | 0.557 | 19.6 | 1.661 |
| 247537.7 | 842003.3 | 137.4 | 34.869 | 20.703 | 30.7 | 40.552 | 14.2 | 32.270 | 1.001 | 1.226 | 50.7 | 1.583 | 28.3 | 1.491 | 0.572 | 21.0 | 1.597 |
| 247537.0 | 842002.6 | 137.3 | 34.532 | 20.511 | 30.7 | 40.164 | 14.4 | 31.962 | 0.996 | 1.221 | 50.8 | 1.575 | 26.3 | 1.385 | 0.541 | 21.3 | 1.487 |
| 247536.4 | 842001.8 | 137.2 | 34.502 | 20.487 | 30.7 | 40.126 | 14.4 | 31.931 | 1.004 | 1.218 | 50.5 | 1.578 | 27.3 | 1.352 | 0.603 | 24.0 | 1.480 |
| 247535.7 | 842001.1 | 137.1 | 34.443 | 20.449 | 30.7 | 40.056 | 14.4 | 31.876 | 1.011 | 1.215 | 50.2 | 1.581 | 28.2 | 1.316 | 0.659 | 26.6 | 1.471 |
| 247535.0 | 842000.4 | 137.0 | 34.383 | 20.409 | 30.7 | 39.984 | 14.5 | 31.818 | 1.019 | 1.211 | 49.9 | 1.583 | 29.1 | 1.282 | 0.716 | 29.2 | 1.469 |
| 247534.3 | 841999.7 | 136.9 | 34.319 | 20.368 | 30.7 | 39.908 | 14.5 | 31.758 | 1.026 | 1.207 | 49.6 | 1.585 | 30.1 | 1.252 | 0.774 | 31.7 | 1.472 |
| 247533.6 | 841998.9 | 136.8 | 34.418 | 20.415 | 30.7 | 40.018 | 14.5 | 31.845 | 1.043 | 1.205 | 49.1 | 1.593 | 32.7 | 1.262 | 0.883 | 35.0 | 1.540 |
| 247532.9 | 841998.2 | 136.7 | 34.485 | 20.445 | 30.7 | 40.090 | 14.5 | 31.903 | 1.059 | 1.202 | 48.6 | 1.602 | 35.0 | 1.266 | 0.982 | 37.8 | 1.602 |
| 247532.2 | 841997.5 | 136.8 | 34.904 | 20.668 | 30.6 | 40.564 | 14.3 | 32.280 | 1.096 | 1.205 | 47.7 | 1.629 | 40.6 | 1.355 | 1.184 | 41.1 | 1.800 |
| 247531.5 | 841996.8 | 136.7 | 35.170 | 20.807 | 30.6 | 40.864 | 14.2 | 32.519 | 1.127 | 1.206 | 46.9 | 1.651 | 44.8 | 1.410 | 1.340 | 43.5 | 1.946 |
| 247530.8 | 841996.0 | 136.5 | 34.502 | 20.435 | 30.6 | 40.100 | 14.5 | 31.911 | 1.100 | 1.193 | 47.3 | 1.623 | 40.5 | 1.248 | 1.230 | 44.6 | 1.752 |
| 247530.1 | 841995.3 | 136.2 | 33.697 | 19.988 | 30.7 | 39.179 | 14.9 | 31.178 | 1.069 | 1.179 | 47.8 | 1.591 | 34.9 | 1.048 | 1.078 | 45.8 | 1.503 |
| 247529.5 | 841994.6 | 136.0 | 33.373 | 19.804 | 30.7 | 38.806 | 15.0 | 30.881 | 1.065 | 1.171 | 47.7 | 1.583 | 33.7 | 0.962 | 1.064 | 47.9 | 1.434 |
| 247528.8 | 841993.9 | 135.9 | 33.047 | 19.619 | 30.7 | 38.432 | 15.2 | 30.583 | 1.062 | 1.164 | 47.6 | 1.576 | 32.4 | 0.876 | 1.048 | 50.1 | 1.366 |
| 247528.1 | 841993.2 | 135.7 | 32.750 | 19.451 | 30.7 | 38.091 | 15.3 | 30.312 | 1.061 | 1.157 | 47.5 | 1.570 | 31.4 | 0.797 | 1.038 | 52.5 | 1.309 |
| 247527.4 | 841992.4 | 135.5 | 32.342 | 19.222 | 30.7 | 37.623 | 15.5 | 29.939 | 1.054 | 1.149 | 47.5 | 1.560 | 29.4 | 0.689 | 0.992 | 55.2 | 1.208 |
| 247526.7 | 841991.7 | 135.4 | 31.938 | 18.994 | 30.7 | 37.159 | 15.7 | 29.570 | 1.048 | 1.142 | 47.4 | 1.550 | 27.2 | 0.581 | 0.944 | 58.4 | 1.109 |
| 247526.0 | 841991.0 | 135.2 | 31.724 | 18.871 | 30.7 | 36.913 | 15.8 | 29.374 | 1.050 | 1.137 | 47.3 | 1.548 | 26.9 | 0.525 | 0.950 | 61.1 | 1.085 |
| 247525.3 | 841990.3 | 135.1 | 31.641 | 18.821 | 30.7 | 36.816 | 15.9 | 29.297 | 1.057 | 1.134 | 47.0 | 1.550 | 27.7 | 0.506 | 0.991 | 62.9 | 1.113 |
| 247524.6 | 841989.5 | 135.0 | 31.558 | 18.770 | 30.7 | 36.718 | 15.9 | 29.219 | 1.063 | 1.132 | 46.8 | 1.553 | 28.4 | 0.490 | 1.028 | 64.5 | 1.139 |
| 247523.9 | 841988.8 | 134.9 | 31.523 | 18.745 | 30.7 | 36.675 | 16.0 | 29.185 | 1.070 | 1.131 | 46.6 | 1.557 | 29.5 | 0.490 | 1.075 | 65.5 | 1.181 |
| 247523.2 | 841988.1 | 135.0 | 31.856 | 18.922 | 30.7 | 37.052 | 15.8 | 29.485 | 1.094 | 1.135 | 46.1 | 1.577 | 33.9 | 0.594 | 1.226 | 64.1 | 1.363 |
| 247522.5 | 841987.4 | 134.7 | 31.186 | 18.550 | 30.7 | 36.286 | 16.2 | 28.876 | 1.072 | 1.125 | 46.4 | 1.554 | 28.9 | 0.425 | 1.071 | 68.4 | 1.152 |
| 247521.9 | 841986.6 | 134.5 | 30.575 | 18.210 | 30.8 | 35.587 | 16.4 | 28.319 | 1.054 | 1.117 | 46.7 | 1.536 | 24.3 | 0.270 | 0.925 | 73.7 | 0.963 |
| 247521.2 | 841985.9 | 134.4 | 30.533 | 18.186 | 30.8 | 35.538 | 16.5 | 28.280 | 1.057 | 1.118 | 46.6 | 1.538 | 24.8 | 0.294 | 0.963 | 73.0 | 1.007 |
| 247520.5 | 841985.2 | 134.3 | 30.467 | 18.145 | 30.8 | 35.461 | 16.5 | 28.219 | 1.060 | 1.117 | 46.5 | 1.540 | 25.1 | 0.297 | 0.974 | 73.0 | 1.018 |
| 247519.8 | 841984.5 | 134.2 | 30.556 | 18.189 | 30.8 | 35.560 | 16.5 | 28.298 | 1.067 | 1.118 | 46.3 | 1.546 | 26.7 | 0.345 | 1.026 | 71.4 | 1.083 |
| 247519.1 | 841983.7 | 134.3 | 30.969 | 18.409 | 30.7 | 36.027 | 16.3 | 28.670 | 1.089 | 1.124 | 45.9 | 1.565 | 31.1 | 0.486 | 1.172 | 67.5 | 1.268 |
| 247518.4 | 841983.0 | 134.3 | 31.168 | 18.513 | 30.7 | 36.252 | 16.3 | 28.848 | 1.102 | 1.127 | 45.6 | 1.577 | 33.3 | 0.563 | 1.246 | 65.7 | 1.368 |
| 247517.7 | 841982.3 | 134.2 | 31.057 | 18.447 | 30.7 | 36.122 | 16.3 | 28.745 | 1.101 | 1.126 | 45.6 | 1.574 | 32.6 | 0.552 | 1.222 | 65.7 | 1.341 |
| 247517.0 | 841981.6 | 134.1 | 31.166 | 18.488 | 30.7 | 36.237 | 16.3 | 28.836 | 1.110 | 1.125 | 45.4 | 1.580 | 33.8 | 0.617 | 1.272 | 64.1 | 1.414 |
| 247516.3 | 841980.9 | 134.1 | 31.247 | 18.527 | 30.7 | 36.326 | 16.3 | 28.907 | 1.118 | 1.126 | 45.2 | 1.586 | 34.5 | 0.652 | 1.297 | 63.3 | 1.451 |
| 247515.6 | 841980.1 | 134.0 | 31.139 | 18.463 | 30.7 | 36.201 | 16.3 | 28.808 | 1.116 | 1.124 | 45.2 | 1.583 | 33.4 | 0.629 | 1.261 | 63.5 | 1.409 |
| 247515.0 | 841979.4 | 133.9 | 31.072 | 18.421 | 30.7 | 36.122 | 16.4 | 28.745 | 1.116 | 1.122 | 45.2 | 1.583 | 32.5 | 0.612 | 1.233 | 63.6 | 1.376 |
| 247514.3 | 841978.7 | 133.9 | 31.357 | 18.571 | 30.6 | 36.444 | 16.3 | 29.001 | 1.134 | 1.125 | 44.8 | 1.598 | 34.5 | 0.687 | 1.306 | 62.3 | 1.475 |
| 247513.6 | 841978.0 | 133.8 | 31.036 | 18.392 | 30.7 | 36.076 | 16.4 | 28.709 | 1.123 | 1.120 | 44.9 | 1.586 | 31.1 | 0.582 | 1.195 | 64.0 | 1.329 |
| 247512.9 | 841977.2 | 133.7 | 31.099 | 18.421 | 30.6 | 36.145 | 16.4 | 28.763 | 1.131 | 1.119 | 44.7 | 1.591 | 30.8 | 0.577 | 1.195 | 64.2 | 1.327 |
| 247512.2 | 841976.5 | 133.7 | 31.320 | 18.535 | 30.6 | 36.393 | 16.3 | 28.961 | 1.146 | 1.121 | 44.3 | 1.603 | 31.8 | 0.608 | 1.238 | 63.8 | 1.379 |
| 247511.5 | 841975.8 | 133.6 | 31.075 | 18.397 | 30.6 | 36.112 | 16.5 | 28.737 | 1.141 | 1.116 | 44.4 | 1.596 | 28.5 | 0.495 | 1.139 | 66.5 | 1.242 |
| 247510.8 | 841975.1 | 133.5 | 30.860 | 18.276 | 30.6 | 35.865 | 16.6 | 28.541 | 1.139 | 1.112 | 44.3 | 1.592 | 25.4 | 0.379 | 1.045 | 70.1 | 1.112 |
| 247510.1 | 841974.3 | 133.4 | 30.876 | 18.279 | 30.6 | 35.881 | 16.6 | 28.553 | 1.147 | 1.111 | 44.1 | 1.597 | 24.1 | 0.320 | 1.016 | 72.5 | 1.065 |
| 247509.4 | 841973.6 | 133.4 | 31.169 | 18.432 | 30.6 | 36.211 | 16.5 | 28.816 | 1.167 | 1.113 | 43.6 | 1.613 | 25.1 | 0.334 | 1.064 | 72.6 | 1.115 |
| 247508.7 | 841972.9 | 133.4 | 31.379 | 18.540 | 30.6 | 36.447 | 16.4 | 29.004 | 1.185 | 1.114 | 43.2 | 1.626 | 25.2 | 0.314 | 1.083 | 73.8 | 1.128 |
| 247508.0 | 841972.2 | 133.3 | 31.269 | 18.475 | 30.6 | 36.320 | 16.5 | 28.902 | 1.190 | 1.112 | 43.1 | 1.628 | 22.4 | 0.189 | 1.004 | 79.3 | 1.022 |
| 247507.4 | 841971.5 | 133.3 | 31.382 | 18.531 | 30.6 | 36.445 | 16.4 | 29.002 | 1.204 | 1.112 | 42.7 | 1.639 | 21.4 | 0.122 | 0.986 | 82.9 | 0.993 |
| 247506.7 | 841970.7 | 133.3 | 31.764 | 18.730 | 30.5 | 36.875 | 16.3 | 29.344 | 1.228 | 1.116 | 42.3 | 1.659 | 22.6 | 0.132 | 1.040 | 82.8 | 1.049 |
| 247506.0 | 841970.0 | 133.4 | 32.382 | 19.055 | 30.5 | 37.572 | 16.0 | 29.899 | 1.260 | 1.122 | 41.7 | 1.687 | 25.5 | 0.207 | 1.155 | 79.8 | 1.174 |
| 247505.3 | 841969.3 | 133.6 | 33.011 | 19.384 | 30.4 | 38.281 | 15.8 | 30.463 | 1.294 | 1.129 | 41.1 | 1.717 | 28.4 | 0.281 | 1.265 | 77.5 | 1.296 |
| 247504.6 | 841968.6 | 133.7 | 33.606 | 19.694 | 30.4 | 38.951 | 15.5 | 30.997 | 1.327 | 1.135 | 40.6 | 1.746 | 30.7 | 0.341 | 1.358 | 75.9 | 1.401 |
| 247503.9 | 841967.8 | 133.9 | 34.921 | 20.382 | 30.3 | 40.433 | 15.0 | 32.176 | 1.396 | 1.154 | 39.6 | 1.811 | 38.2 | 0.612 | 1.631 | 69.4 | 1.742 |
| 247503.2 | 841967.1 | 134.1 | 36.089 | 20.988 | 30.2 | 41.748 | 14.5 | 33.222 | 1.463 | 1.171 | 38.7 | 1.874 | 44.0 | 0.832 | 1.848 | 65.8 | 2.027 |
| 247502.5 | 841966.4 | 134.2 | 36.804 | 21.353 | 30.1 | 42.549 | 14.2 | 33.860 | 1.505 | 1.181 | 38.1 | 1.913 | 46.3 | 0.918 | 1.945 | 64.7 | 2.151 |
| 247501.8 | 841965.7 | 134.3 | 37.208 | 21.555 | 30.1 | 43.001 | 14.1 | 34.219 | 1.529 | 1.186 | 37.8 | 1.934 | 46.6 | 0.915 | 1.962 | 65.0 | 2.165 |
| 247501.1 | 841964.9 | 134.2 | 36.902 | 21.388 | 30.1 | 42.652 | 14.2 | 33.941 | 1.511 | 1.177 | 37.9 | 1.915 | 42.4 | 0.705 | 1.810 | 68.7 | 1.942 |
| 247500.5 | 841964.2 | 134.0 | 36.514 | 21.178 | 30.1 | 42.211 | 14.4 | 33.590 | 1.491 | 1.167 | 38.0 | 1.893 | 37.6 | 0.466 | 1.635 | 74.1 | 1.700 |

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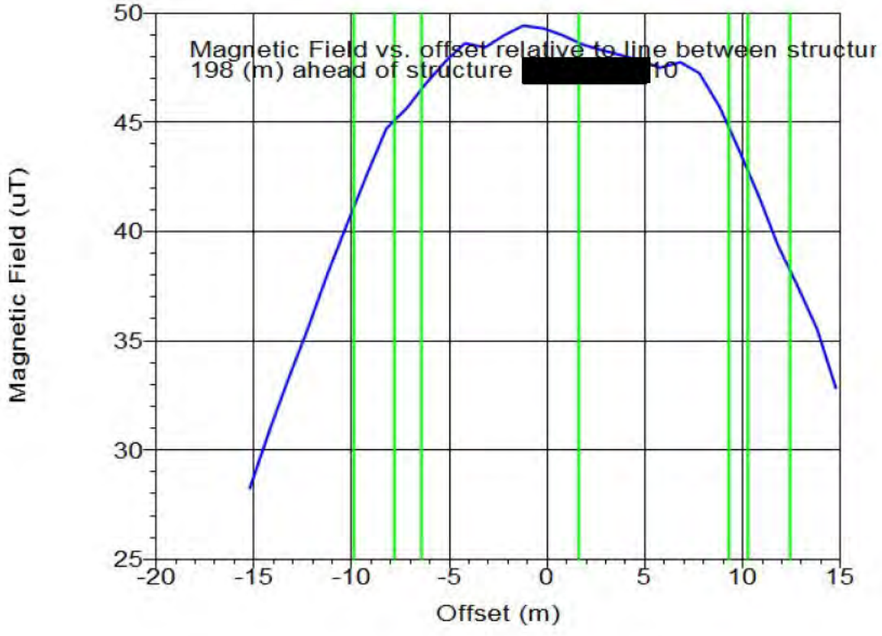
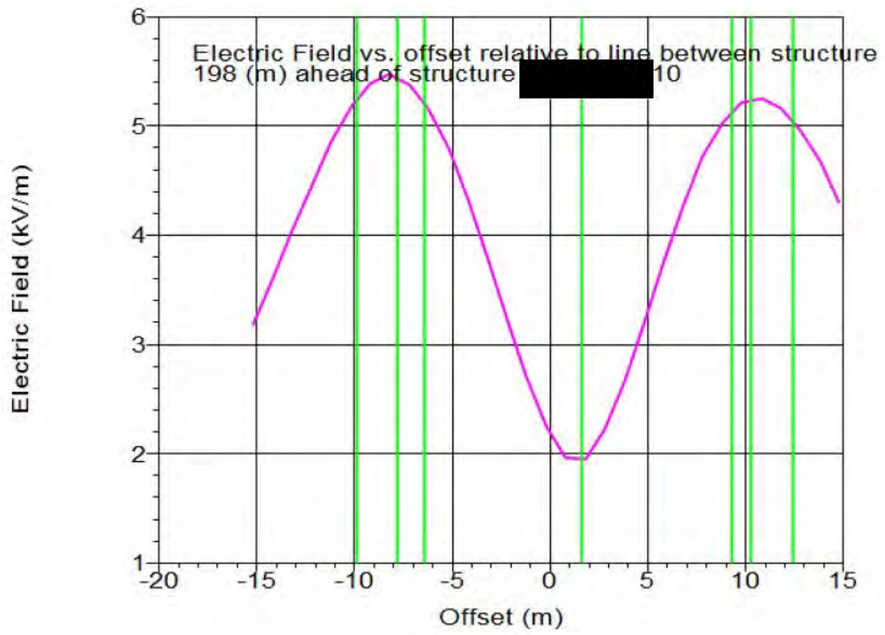
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247499.8 | 841963.5 | 134.0 | 36.495 | 21.160 | 30.1 | 42.186 | 14.4 | 33.571 | 1.492 | 1.163 | 37.9 | 1.892 | 35.1 | 0.336 | 1.547 | 77.7 | 1.584 |
| 247499.1 | 841962.8 | 134.0 | 37.032 | 21.431 | 30.1 | 42.786 | 14.2 | 34.048 | 1.521 | 1.169 | 37.5 | 1.918 | 36.4 | 0.377 | 1.594 | 76.7 | 1.638 |
| 247498.4 | 841962.1 | 134.0 | 37.200 | 21.509 | 30.0 | 42.970 | 14.2 | 34.195 | 1.531 | 1.167 | 37.3 | 1.925 | 35.3 | 0.307 | 1.551 | 78.8 | 1.581 |
| 247497.7 | 841961.3 | 134.0 | 37.496 | 21.653 | 30.0 | 43.299 | 14.1 | 34.456 | 1.547 | 1.168 | 37.1 | 1.938 | 35.1 | 0.280 | 1.539 | 79.7 | 1.564 |
| 247497.0 | 841960.6 | 134.1 | 37.852 | 21.828 | 30.0 | 43.695 | 13.9 | 34.771 | 1.565 | 1.169 | 36.8 | 1.954 | 35.3 | 0.276 | 1.542 | 79.8 | 1.567 |
| 247496.3 | 841959.9 | 134.1 | 38.192 | 21.994 | 29.9 | 44.073 | 13.8 | 35.072 | 1.583 | 1.170 | 36.5 | 1.968 | 35.4 | 0.272 | 1.542 | 80.0 | 1.566 |
| 247495.6 | 841959.2 | 134.1 | 38.532 | 22.160 | 29.9 | 44.450 | 13.7 | 35.372 | 1.601 | 1.170 | 36.2 | 1.982 | 35.6 | 0.272 | 1.544 | 80.0 | 1.568 |
| 247494.9 | 841958.4 | 134.1 | 38.873 | 22.325 | 29.9 | 44.828 | 13.6 | 35.673 | 1.618 | 1.170 | 35.9 | 1.996 | 35.9 | 0.278 | 1.548 | 79.8 | 1.572 |
| 247494.2 | 841957.7 | 134.2 | 39.214 | 22.490 | 29.8 | 45.206 | 13.4 | 35.974 | 1.636 | 1.169 | 35.6 | 2.010 | 36.2 | 0.289 | 1.554 | 79.5 | 1.580 |
| 247493.5 | 841957.0 | 134.2 | 39.558 | 22.655 | 29.8 | 45.587 | 13.3 | 36.277 | 1.653 | 1.168 | 35.3 | 2.024 | 36.6 | 0.307 | 1.563 | 78.9 | 1.593 |
| 247492.9 | 841956.3 | 134.3 | 40.153 | 22.947 | 29.7 | 46.247 | 13.1 | 36.802 | 1.684 | 1.172 | 34.8 | 2.051 | 38.6 | 0.407 | 1.629 | 76.0 | 1.679 |
| 247492.2 | 841955.5 | 134.4 | 40.836 | 23.282 | 29.7 | 47.007 | 12.8 | 37.407 | 1.720 | 1.177 | 34.4 | 2.084 | 41.0 | 0.540 | 1.716 | 72.5 | 1.799 |
| 247491.5 | 841954.8 | 134.4 | 41.132 | 23.421 | 29.7 | 47.333 | 12.7 | 37.666 | 1.737 | 1.175 | 34.1 | 2.097 | 41.2 | 0.560 | 1.722 | 72.0 | 1.811 |
| 247490.8 | 841954.1 | 134.4 | 41.183 | 23.435 | 29.6 | 47.384 | 12.7 | 37.707 | 1.740 | 1.169 | 33.9 | 2.096 | 40.3 | 0.509 | 1.681 | 73.2 | 1.756 |
| 247490.1 | 841953.4 | 134.3 | 41.249 | 23.457 | 29.6 | 47.452 | 12.7 | 37.761 | 1.745 | 1.163 | 33.7 | 2.097 | 39.5 | 0.468 | 1.647 | 74.1 | 1.712 |
| 247489.4 | 841952.6 | 134.2 | 41.040 | 23.342 | 29.6 | 47.214 | 12.8 | 37.572 | 1.736 | 1.153 | 33.6 | 2.084 | 37.2 | 0.346 | 1.560 | 77.5 | 1.598 |
| 247488.7 | 841951.9 | 134.2 | 41.027 | 23.324 | 29.6 | 47.194 | 12.8 | 37.556 | 1.738 | 1.146 | 33.4 | 2.082 | 36.2 | 0.290 | 1.518 | 79.2 | 1.546 |
| 247488.0 | 841951.2 | 134.1 | 40.991 | 23.296 | 29.6 | 47.148 | 12.9 | 37.519 | 1.739 | 1.139 | 33.2 | 2.079 | 35.1 | 0.231 | 1.476 | 81.1 | 1.494 |
| 247487.3 | 841950.5 | 134.1 | 41.149 | 23.364 | 29.6 | 47.320 | 12.8 | 37.656 | 1.750 | 1.136 | 33.0 | 2.086 | 35.1 | 0.241 | 1.478 | 80.7 | 1.498 |
| 247486.6 | 841949.8 | 134.2 | 41.436 | 23.496 | 29.6 | 47.634 | 12.7 | 37.906 | 1.767 | 1.134 | 32.7 | 2.100 | 36.0 | 0.298 | 1.511 | 78.9 | 1.540 |
| 247486.0 | 841949.0 | 134.2 | 41.722 | 23.627 | 29.5 | 47.947 | 12.6 | 38.155 | 1.784 | 1.133 | 32.4 | 2.114 | 36.9 | 0.360 | 1.548 | 76.9 | 1.589 |
| 247485.3 | 841948.3 | 134.2 | 42.161 | 23.834 | 29.5 | 48.432 | 12.5 | 38.541 | 1.810 | 1.135 | 32.1 | 2.137 | 38.7 | 0.478 | 1.618 | 73.5 | 1.688 |
| 247484.6 | 841947.6 | 134.3 | 42.633 | 24.056 | 29.4 | 48.952 | 12.3 | 38.955 | 1.839 | 1.137 | 31.7 | 2.162 | 40.5 | 0.611 | 1.698 | 70.2 | 1.805 |
| 247483.9 | 841946.9 | 134.3 | 42.881 | 24.167 | 29.4 | 49.222 | 12.2 | 39.170 | 1.856 | 1.136 | 31.5 | 2.177 | 41.3 | 0.679 | 1.738 | 68.7 | 1.866 |
| 247483.2 | 841946.1 | 134.2 | 42.648 | 24.040 | 29.4 | 48.956 | 12.3 | 38.958 | 1.848 | 1.127 | 31.4 | 2.164 | 40.0 | 0.600 | 1.688 | 70.4 | 1.792 |
| 247482.5 | 841945.4 | 134.2 | 42.658 | 24.033 | 29.4 | 48.962 | 12.3 | 38.963 | 1.853 | 1.122 | 31.2 | 2.166 | 39.8 | 0.603 | 1.691 | 70.4 | 1.795 |
| 247481.8 | 841944.7 | 134.1 | 42.713 | 24.048 | 29.4 | 49.017 | 12.3 | 39.007 | 1.861 | 1.117 | 31.0 | 2.170 | 39.9 | 0.623 | 1.707 | 69.9 | 1.817 |
| 247481.1 | 841944.0 | 134.1 | 42.639 | 23.999 | 29.4 | 48.929 | 12.4 | 38.936 | 1.862 | 1.111 | 30.8 | 2.169 | 39.5 | 0.607 | 1.703 | 70.4 | 1.808 |
| 247480.4 | 841943.2 | 134.0 | 42.514 | 23.926 | 29.4 | 48.784 | 12.4 | 38.821 | 1.862 | 1.104 | 30.7 | 2.165 | 38.9 | 0.577 | 1.694 | 71.2 | 1.789 |
| 247479.7 | 841942.5 | 134.0 | 42.244 | 23.781 | 29.4 | 48.478 | 12.6 | 38.578 | 1.854 | 1.095 | 30.6 | 2.153 | 37.7 | 0.502 | 1.661 | 73.2 | 1.736 |
| 247479.0 | 841941.8 | 133.9 | 42.214 | 23.755 | 29.4 | 48.439 | 12.6 | 38.546 | 1.860 | 1.090 | 30.4 | 2.156 | 37.7 | 0.508 | 1.680 | 73.2 | 1.755 |
| 247478.4 | 841941.1 | 133.9 | 42.205 | 23.738 | 29.4 | 48.423 | 12.6 | 38.534 | 1.867 | 1.086 | 30.2 | 2.160 | 37.8 | 0.524 | 1.706 | 72.9 | 1.785 |
| 247477.7 | 841940.4 | 133.9 | 42.193 | 23.720 | 29.3 | 48.404 | 12.7 | 38.518 | 1.875 | 1.082 | 30.0 | 2.165 | 38.0 | 0.542 | 1.737 | 72.7 | 1.820 |
| 247477.0 | 841939.6 | 133.8 | 42.178 | 23.701 | 29.3 | 48.381 | 12.7 | 38.500 | 1.883 | 1.078 | 29.8 | 2.170 | 38.2 | 0.563 | 1.771 | 72.4 | 1.858 |
| 247476.3 | 841938.9 | 133.8 | 42.009 | 23.606 | 29.3 | 48.187 | 12.8 | 38.346 | 1.883 | 1.071 | 29.6 | 2.166 | 37.8 | 0.536 | 1.780 | 73.2 | 1.859 |
| 247475.6 | 841938.2 | 133.6 | 41.529 | 23.360 | 29.4 | 47.648 | 13.0 | 37.917 | 1.867 | 1.060 | 29.6 | 2.146 | 36.0 | 0.409 | 1.734 | 76.7 | 1.781 |
| 247474.9 | 841937.5 | 133.6 | 41.434 | 23.301 | 29.4 | 47.536 | 13.1 | 37.828 | 1.870 | 1.055 | 29.4 | 2.147 | 36.1 | 0.414 | 1.765 | 76.8 | 1.813 |
| 247474.2 | 841936.7 | 133.5 | 41.365 | 23.256 | 29.3 | 47.454 | 13.1 | 37.763 | 1.876 | 1.051 | 29.3 | 2.150 | 36.4 | 0.433 | 1.805 | 76.5 | 1.856 |
| 247473.5 | 841936.0 | 133.5 | 41.369 | 23.246 | 29.3 | 47.453 | 13.1 | 37.762 | 1.885 | 1.049 | 29.1 | 2.157 | 37.0 | 0.482 | 1.862 | 75.5 | 1.923 |
| 247472.8 | 841935.3 | 133.5 | 41.294 | 23.198 | 29.3 | 47.363 | 13.2 | 37.691 | 1.890 | 1.046 | 29.0 | 2.160 | 37.4 | 0.508 | 1.907 | 75.1 | 1.974 |
| 247472.1 | 841934.6 | 133.4 | 40.957 | 23.022 | 29.3 | 46.984 | 13.3 | 37.389 | 1.881 | 1.037 | 28.9 | 2.148 | 36.6 | 0.451 | 1.907 | 76.7 | 1.959 |
| 247471.5 | 841933.8 | 133.3 | 40.605 | 22.838 | 29.4 | 46.587 | 13.5 | 37.072 | 1.872 | 1.029 | 28.8 | 2.136 | 35.9 | 0.391 | 1.906 | 78.4 | 1.946 |
| 247470.8 | 841933.1 | 133.2 | 40.243 | 22.650 | 29.4 | 46.179 | 13.7 | 36.748 | 1.862 | 1.021 | 28.7 | 2.123 | 35.2 | 0.332 | 1.907 | 80.1 | 1.936 |
| 247470.1 | 841932.4 | 133.1 | 40.064 | 22.551 | 29.4 | 45.975 | 13.8 | 36.586 | 1.861 | 1.017 | 28.6 | 2.121 | 35.4 | 0.342 | 1.946 | 80.0 | 1.976 |
| 247469.4 | 841931.7 | 133.1 | 40.125 | 22.569 | 29.4 | 46.037 | 13.8 | 36.635 | 1.873 | 1.017 | 28.5 | 2.131 | 36.6 | 0.440 | 2.033 | 77.8 | 2.080 |
| 247468.7 | 841930.9 | 133.1 | 39.868 | 22.432 | 29.4 | 45.745 | 13.9 | 36.403 | 1.869 | 1.011 | 28.4 | 2.125 | 36.5 | 0.429 | 2.063 | 78.2 | 2.107 |
| 247468.0 | 841930.2 | 133.0 | 39.609 | 22.295 | 29.4 | 45.452 | 14.0 | 36.170 | 1.865 | 1.006 | 28.3 | 2.118 | 36.5 | 0.421 | 2.095 | 78.6 | 2.137 |
| 247467.3 | 841929.5 | 132.8 | 39.033 | 22.002 | 29.4 | 44.807 | 14.3 | 35.656 | 1.844 | 0.994 | 28.3 | 2.095 | 35.1 | 0.303 | 2.070 | 81.7 | 2.092 |
| 247466.6 | 841928.8 | 132.7 | 38.525 | 21.743 | 29.4 | 44.237 | 14.5 | 35.203 | 1.828 | 0.984 | 28.3 | 2.076 | 34.1 | 0.209 | 2.059 | 84.2 | 2.070 |
| 247465.9 | 841928.1 | 132.7 | 38.549 | 21.743 | 29.4 | 44.258 | 14.5 | 35.219 | 1.838 | 0.984 | 28.2 | 2.085 | 35.4 | 0.309 | 2.154 | 81.8 | 2.176 |
| 247465.2 | 841927.3 | 132.6 | 38.091 | 21.508 | 29.5 | 43.743 | 14.7 | 34.810 | 1.824 | 0.975 | 28.1 | 2.069 | 34.7 | 0.235 | 2.158 | 83.8 | 2.171 |
| 247464.5 | 841926.6 | 132.4 | 37.270 | 21.095 | 29.5 | 42.826 | 15.1 | 34.080 | 1.794 | 0.959 | 28.1 | 2.034 | 32.2 | 0.025 | 2.092 | 89.3 | 2.093 |
| 247463.9 | 841925.9 | 132.3 | 37.063 | 20.982 | 29.5 | 42.590 | 15.2 | 33.892 | 1.793 | 0.955 | 28.0 | 2.032 | 32.6 | 0.042 | 2.150 | 88.9 | 2.150 |
| 247463.2 | 841925.2 | 132.3 | 36.839 | 20.861 | 29.5 | 42.335 | 15.3 | 33.689 | 1.792 | 0.951 | 27.9 | 2.029 | 33.0 | 0.051 | 2.206 | 88.7 | 2.206 |
| 247462.5 | 841924.4 | 132.2 | 36.411 | 20.640 | 29.5 | 41.855 | 15.5 | 33.307 | 1.782 | 0.943 | 27.9 | 2.016 | 32.4 | -0.018 | 2.223 | -89.5 | 2.223 |
| 247461.8 | 841923.7 | 132.0 | 35.935 | 20.395 | 29.6 | 41.320 | 15.8 | 32.881 | 1.770 | 0.934 | 27.8 | 2.001 | 31.6 | -0.110 | 2.232 | -87.2 | 2.234 |
| 247461.1 | 841923.0 | 131.9 | 35.328 | 20.085 | 29.6 | 40.638 | 16.0 | 32.339 | 1.753 | 0.922 | 27.7 | 1.981 | 30.2 | -0.256 | 2.214 | -83.4 | 2.229 |
| 247460.4 | 841922.3 | 131.6 | 34.406 | 19.618 | 29.7 | 39.606 | 16.5 | 31.518 | 1.724 | 0.906 | 27.7 | 1.948 | 27.0 | -0.534 | 2.131 | -75.9 | 2.197 |
| 247459.7 | 841921.5 | 131.5 | 33.695 | 19.254 | 29.7 | 38.808 | 16.8 | 30.882 | 1.706 | 0.894 | 27.6 | 1.926 | 24.8 | -0.738 | 2.089 | -70.5 | 2.216 |
| 247459.0 | 841920.8 | 131.3 | 33.102 | 18.949 | 29.8 | 38.142 | 17.1 | 30.352 | 1.694 | 0.884 | 27.5 | 1.911 | 23.2 | -0.900 | 2.072 | -66.5 | 2.259 |
| 247458.3 | 841920.1 | 131.2 | 32.655 | 18.716 | 29.8 | 37.638 | 17.3 | 29.951 | 1.687 | 0.876 | 27.4 | 1.901 | 22.4 | -1.007 | 2.086 | -64.2 | 2.316 |
| 247457.6 | 841919.4 | 131.1 | 32.231 | 18.494 | 29.8 | 37.160 | 17.5 | 29.571 | 1.682 | 0.869 | 27.3 | 1.893 | 21.7 | -1.107 | 2.104 | -62.3 | 2.377 |
| 247457.0 | 841918.7 | 131.0 | 31.919 | 18.328 | 29.9 | 36.806 | 17.7 | 29.290 | 1.680 | 0.863 | 27.2 | 1.889 | 21.6 | -1.161 | 2.146 | -61.6 | 2.440 |
| 247456.3 | 841917.9 | 130.9 | 31.846 | 18.281 | 29.9 | 36.720 | 17.7 | 29.221 | 1.685 | 0.861 | 27.1 | 1.893 | 22.9 | -1.113 | 2.240 | -63.6 | 2.501 |
| 247455.6 | 841917.2 | 130.9 | 31.757 | 18.227 | 29.9 | 36.616 | 17.8 | 29.138 | 1.690 | 0.860 | 27.0 | 1.896 | 24.0 | -1.070 | 2.330 | -65.3 | 2.564 |
| 247454.9 | 841916.5 | 130.9 | 31.660 | 18.169 | 29.9 | 36.503 | 17.9 | 29.048 | 1.695 | 0.858 | 26.9 | 1.900 | 25.1 | -1.028 | 2.417 | -66.9 | 2.627 |
| 247454.2 | 841915.8 | 130.8 | 31.327 | 17.992 | 29.9 | 36.126 | 18.0 | 28.748 | 1.690 | 0.853 | 26.8 | 1.893 | 24.9 | -1.089 | 2.451 | -66.1 | 2.682 |
| 247453.5 | 841915.0 | 130.6 | 30.684 | 17.659 | 29.9 | 35.403 | 18.3 | 28.172 | 1.675 | 0.842 | 26.7 | 1.875 | 23.0 | -1.286 | 2.415 | -62.0 | 2.737 |
| 247452.8 | 841914.3 | 130.5 | 30.257 | 17.433 | 29.9 | 34.920 | 18.6 | 27.789 | 1.666 | 0.835 | 26.6 | 1.864 | 22.3 | -1.387 | 2.426 | -60.2 | 2.794 |
| 247452.1 | 841913.6 | 130.4 | 29.744 | 17.164 | 30.0 | 34.341 | 18.8 | 27.328 | 1.655 | 0.827 | 26.5 | 1.850 | 21.0 | -1.527 | 2.415 | -57.7 | 2.857 |
| 247451.4 | 841912.9 | 130.2 | 29.292 | 16.926 | 30.0 | 33.831 | 19.1 | 26.922 | 1.645 | 0.819 | 26.5 | 1.838 | 20.1 | -1.636 | 2.417 | -55.9 | 2.919 |
| 247450.7 | 841912.1 | 130.1 | 28.901 | 16.717 | 30.0 | 33.387 | 19.3 | 26.569 | 1.636 | 0.812 | 26.4 | 1.827 | 19.6 | -1.715 | 2.431 | -54.8 | 2.975 |
| 247450.0 | 841911.4 | 130.0 | 28.596 | 16.553 | 30.1 | 33.042 | 19.5 | 26.294 | 1.629 | 0.807 | 26.3 | 1.818 | 19.6 | -1.750 | 2.465 | -54.6 | 3.023 |
| 247449.4 | 841910.7 | 130.0 | 28.431 | 16.459 | 30.1 | 32.851 | 19.6 | 26.142 | 1.625 | 0.803 | 26.3 | 1.813 | 20.4 | -1.713 | 2.531 | -55.9 | 3.056 |
| 247448.7 | 841910.0 | 129.9 | 28.074 | 16.267 | 30.1 | 32.446 | 19.8 | 25.820 | 1.615 | 0.797 | 26.3 | 1.801 | 20.1 | -1.766 | 2.551 | -55.3 | 3.102 |
| 247448.0 | 841909.2 | 129.8 | 27.805 | 16.120 | 30.1 | 32.140 | 20.0 | 25.576 | 1.608 | 0.791 | 26.2 | 1.792 | 20.3 | -1.772 | 2.590 | -55.6 | 3.139 |
| 247447.3 | 841908.5 | 129.7 | 27.535 | 15.973 | 30.1 | 31.833 | 20.1 | 25.332 | 1.600 | 0.786 | 26.2 | 1.782 | 20.5 | -1.776 | 2.629 | -56.0 | 3.173 |
| 247446.6 | 841907.8 | 129.6 | 27.263 | 15.824 | 30.1 | 31.523 | 20.3 | 25.085 | 1.591 | 0.781 | 26.1 | 1.773 | 20.7 | -1.778 | 2.667 | -56.3 | 3.205 |
| 247445.9 | 841907.1 | 129.6 | 27.140 | 15.751 | 30.1 | 31.379 | 20.4 | 24.971 | 1.587 | 0.778 | 26.1 | 1.768 | 21.8 | -1.703 | 2.738 | -58.1 | 3.225 |
| 247445.2 | 841906.4 | 129.5 | 26.786 | 15.560 | 30.2 | 30.977 | 20.6 | 24.651 | 1.576 | 0.772 | 26.1 | 1.755 | 21.6 | -1.739 | 2.754 | -57.7 | 3.257 |
| 247444.5 | 841905.6 | 129.4 | 26.431 | 15.369 | 30.2 | 30.575 | 20.9 | 24.331 | 1.565 | 0.765 | 26.1 | 1.742 | 21.4 | -1.774 | 2.768 | -57.3 | 3.288 |
| 247443.8 | 841904.9 | 129.3 | 26.076 | 15.177 | 30.2 | 30.171 | 21.1 | 24.009 | 1.553 | 0.759 | 26.0 | 1.729 | 21.1 | -1.807 | 2.781 | -57.0 | 3.317 |
| 247443.1 | 841904.2 | 129.2 | 25.699 | 14.975 | 30.2 | 29.744 | 21.4 | 23.669 | 1.541 | 0.752 | 26.0 | 1.715 | 20.8 | -1.848 | 2.787 | -56.5 | 3.344 |
| 247442.4 | 841903.5 | 129.1 | 25.274 | 14.748 | 30.3 | 29.262 | 21.6 | 23.286 | 1.527 | 0.745 | 26.0 | 1.699 | 20.2 | -1.911 | 2.779 | -55.5 | 3.373 |
| 247441.8 | 841902.7 | 128.9 | 24.811 | 14.503 | 30.3 | 28.739 | 21.9 | 22.870 | 1.512 | 0.737 | 26.0 | 1.682 | 19.4 | -1.990 | 2.761 | -54.2 | 3.403 |
| 247441.1 | 841902.0 | 128.8 | 24.340 | 14.253 | 30.4 | 28.206 | 22.2 | 22.446 | 1.496 | 0.729 | 26.0 | 1.665 | 18.6 | -2.071 | 2.738 | -52.9 | 3.433 |
| 247440.4 | 841901.3 | 128.6 | 23.825 | 13.982 | 30.4 | 27.625 | 22.6 | 21.983 | 1.479 | 0.721 | 26.0 | 1.645 | 17.6 | -2.171 | 2.701 | -51.2 | 3.465 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247439.7 | 841900.6 | 128.6 | 23.547 | 13.833 | 30.4 | 27.309 | 22.8 | 21.732 | 1.465 | 0.717 | 26.1 | 1.632 | 18.0 | -2.139 | 2.724 | -51.9 | 3.463 |
| 247439.0 | 841899.8 | 128.5 | 23.266 | 13.684 | 30.5 | 26.992 | 23.0 | 21.480 | 1.451 | 0.713 | 26.2 | 1.617 | 18.6 | -2.101 | 2.745 | -52.6 | 3.457 |
| 247438.3 | 841899.1 | 128.4 | 22.978 | 13.531 | 30.5 | 26.666 | 23.2 | 21.220 | 1.435 | 0.709 | 26.3 | 1.600 | 19.1 | -2.060 | 2.763 | -53.3 | 3.447 |
| 247437.6 | 841898.4 | 128.4 | 22.679 | 13.376 | 30.5 | 26.330 | 23.4 | 20.953 | 1.417 | 0.705 | 26.4 | 1.583 | 19.7 | -2.017 | 2.778 | -54.0 | 3.433 |
| 247436.9 | 841897.7 | 128.3 | 22.357 | 13.210 | 30.6 | 25.968 | 23.6 | 20.665 | 1.397 | 0.701 | 26.6 | 1.563 | 20.2 | -1.978 | 2.786 | -54.6 | 3.416 |
| 247436.2 | 841897.0 | 128.3 | 22.107 | 13.083 | 30.6 | 25.688 | 23.8 | 20.442 | 1.378 | 0.698 | 26.9 | 1.544 | 21.3 | -1.892 | 2.812 | -56.1 | 3.389 |
| 247435.5 | 841896.2 | 128.2 | 21.671 | 12.864 | 30.7 | 25.202 | 24.1 | 20.055 | 1.352 | 0.692 | 27.1 | 1.519 | 21.3 | -1.898 | 2.789 | -55.8 | 3.373 |
| 247434.9 | 841895.5 | 128.0 | 21.163 | 12.611 | 30.8 | 24.635 | 24.4 | 19.604 | 1.323 | 0.684 | 27.4 | 1.489 | 20.9 | -1.934 | 2.746 | -54.8 | 3.358 |
| 247434.2 | 841894.8 | 127.9 | 20.569 | 12.316 | 30.9 | 23.974 | 24.7 | 19.078 | 1.289 | 0.675 | 27.6 | 1.455 | 20.1 | -2.007 | 2.678 | -53.1 | 3.347 |
| 247433.5 | 841894.1 | 127.7 | 19.858 | 11.964 | 31.1 | 23.184 | 25.0 | 18.449 | 1.252 | 0.665 | 28.0 | 1.417 | 18.6 | -2.138 | 2.574 | -50.3 | 3.346 |
| 247432.8 | 841893.3 | 127.4 | 19.153 | 11.617 | 31.2 | 22.400 | 25.3 | 17.826 | 1.213 | 0.654 | 28.3 | 1.378 | 17.2 | -2.258 | 2.469 | -47.6 | 3.346 |
| 247432.1 | 841892.6 | 127.2 | 18.475 | 11.287 | 31.4 | 21.650 | 25.6 | 17.228 | 1.173 | 0.644 | 28.8 | 1.338 | 16.1 | -2.356 | 2.369 | -45.2 | 3.341 |
| 247431.4 | 841891.9 | 127.1 | 18.027 | 11.079 | 31.6 | 21.159 | 25.7 | 16.838 | 1.135 | 0.637 | 29.3 | 1.301 | 16.6 | -2.316 | 2.338 | -45.3 | 3.291 |
| 247430.7 | 841891.2 | 127.1 | 17.622 | 10.898 | 31.7 | 20.720 | 25.7 | 16.489 | 1.094 | 0.630 | 29.9 | 1.263 | 17.5 | -2.243 | 2.321 | -46.0 | 3.228 |
| 247430.0 | 841890.4 | 127.0 | 17.163 | 10.691 | 31.9 | 20.221 | 25.6 | 16.091 | 1.051 | 0.622 | 30.6 | 1.221 | 18.1 | -2.196 | 2.288 | -46.2 | 3.171 |
| 247429.3 | 841889.7 | 126.9 | 16.623 | 10.443 | 32.1 | 19.631 | 25.6 | 15.622 | 1.004 | 0.613 | 31.4 | 1.176 | 18.2 | -2.191 | 2.227 | -45.5 | 3.124 |
| 247428.6 | 841889.0 | 126.7 | 16.020 | 10.161 | 32.4 | 18.971 | 25.4 | 15.096 | 0.954 | 0.602 | 32.2 | 1.128 | 17.9 | -2.218 | 2.143 | -44.0 | 3.084 |
| 247427.9 | 841888.3 | 126.6 | 15.587 | 9.972 | 32.6 | 18.504 | 25.1 | 14.725 | 0.905 | 0.592 | 33.2 | 1.082 | 18.8 | -2.151 | 2.115 | -44.5 | 3.016 |
| 247427.3 | 841887.5 | 126.5 | 15.032 | 9.714 | 32.9 | 17.898 | 24.8 | 14.242 | 0.853 | 0.581 | 34.3 | 1.032 | 18.7 | -2.154 | 2.041 | -43.5 | 2.967 |
| 247426.6 | 841886.8 | 126.4 | 14.487 | 9.457 | 33.1 | 17.300 | 24.3 | 13.767 | 0.800 | 0.569 | 35.4 | 0.982 | 18.6 | -2.160 | 1.964 | -42.3 | 2.919 |
| 247425.9 | 841886.1 | 126.2 | 13.962 | 9.206 | 33.4 | 16.724 | 23.7 | 13.308 | 0.747 | 0.557 | 36.7 | 0.932 | 18.4 | -2.164 | 1.886 | -41.1 | 2.870 |
| 247425.2 | 841885.4 | 126.1 | 13.539 | 9.007 | 33.6 | 16.261 | 23.0 | 12.940 | 0.695 | 0.546 | 38.2 | 0.884 | 18.6 | -2.128 | 1.839 | -40.8 | 2.813 |
| 247424.5 | 841884.7 | 126.0 | 13.206 | 8.854 | 33.8 | 15.899 | 22.2 | 12.652 | 0.645 | 0.536 | 39.7 | 0.839 | 19.2 | -2.064 | 1.821 | -41.4 | 2.753 |
| 247423.8 | 841883.9 | 126.0 | 12.907 | 8.713 | 34.0 | 15.573 | 21.4 | 12.393 | 0.597 | 0.527 | 41.4 | 0.796 | 19.7 | -2.008 | 1.807 | -42.0 | 2.701 |
| 247423.1 | 841883.2 | 125.9 | 12.632 | 8.577 | 34.2 | 15.269 | 20.5 | 12.151 | 0.550 | 0.518 | 43.3 | 0.756 | 19.9 | -1.969 | 1.790 | -42.3 | 2.661 |
| 247422.4 | 841882.5 | 125.8 | 12.409 | 8.463 | 34.3 | 15.020 | 19.6 | 11.953 | 0.507 | 0.511 | 45.2 | 0.720 | 20.0 | -1.937 | 1.781 | -42.6 | 2.632 |
| 247421.7 | 841881.8 | 125.7 | 12.161 | 8.321 | 34.4 | 14.735 | 18.9 | 11.726 | 0.464 | 0.507 | 47.5 | 0.688 | 18.7 | -1.951 | 1.741 | -41.7 | 2.615 |
| 247421.0 | 841881.0 | 125.6 | 12.034 | 8.244 | 34.4 | 14.587 | 18.1 | 11.608 | 0.427 | 0.506 | 49.8 | 0.662 | 18.3 | -1.946 | 1.741 | -41.8 | 2.611 |
| 247420.4 | 841880.3 | 125.5 | 11.999 | 8.216 | 34.4 | 14.542 | 17.5 | 11.572 | 0.395 | 0.509 | 52.2 | 0.644 | 18.7 | -1.942 | 1.767 | -42.3 | 2.625 |
| 247419.7 | 841879.6 | 125.3 | 11.952 | 8.173 | 34.4 | 14.479 | 17.1 | 11.522 | 0.363 | 0.517 | 54.9 | 0.632 | 17.6 | -1.979 | 1.766 | -41.7 | 2.652 |
| 247419.0 | 841878.9 | 125.2 | 12.023 | 8.200 | 34.3 | 14.553 | 16.8 | 11.581 | 0.338 | 0.531 | 57.5 | 0.629 | 18.4 | -2.011 | 1.807 | -41.9 | 2.703 |
| 247418.3 | 841878.1 | 125.2 | 12.193 | 8.288 | 34.2 | 14.743 | 16.7 | 11.732 | 0.318 | 0.550 | 60.0 | 0.635 | 20.7 | -2.048 | 1.883 | -42.6 | 2.782 |

Max BF along centerline is 49.222 (uT) at 198.000 (m) from structure [redacted]-10

Cross section results at max BF along centerline between structures [redacted]-10 and [redacted]-11






3D EMF Point Results Span from [redacted]-10 to [redacted]-11:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 247494.9 | 841936.4 | 134.2 | 25.228 | 12.684 | 26.7 | 28.237 | 36.0 | 22.470 | 2.947 | 1.154 | 21.4 | 3.165 | 5.0 | 2.888 | -1.410 | -26.0 | 3.214 |
| 247494.2 | 841937.1 | 134.3 | 27.822 | 13.503 | 25.9 | 30.925 | 34.2 | 24.610 | 3.409 | 1.148 | 18.6 | 3.597 | 5.1 | 3.691 | -1.526 | -22.5 | 3.994 |
| 247493.4 | 841937.7 | 134.3 | 30.148 | 14.195 | 25.2 | 33.322 | 32.3 | 26.517 | 3.877 | 1.120 | 16.1 | 4.035 | 4.6 | 4.119 | -1.471 | -19.7 | 4.374 |
| 247492.7 | 841938.4 | 134.3 | 32.498 | 14.891 | 24.6 | 35.748 | 30.3 | 28.447 | 4.333 | 1.074 | 13.9 | 4.464 | 4.1 | 4.518 | -1.392 | -17.1 | 4.727 |
| 247492.0 | 841939.1 | 134.3 | 34.790 | 15.586 | 24.1 | 38.122 | 28.2 | 30.336 | 4.747 | 1.009 | 12.0 | 4.853 | 3.7 | 4.844 | -1.286 | -14.9 | 5.012 |
| 247491.3 | 841939.8 | 134.3 | 37.051 | 16.308 | 23.8 | 40.482 | 26.2 | 32.214 | 5.089 | 0.927 | 10.3 | 5.173 | 3.5 | 5.177 | -1.175 | -12.8 | 5.309 |
| 247490.5 | 841940.5 | 134.3 | 39.104 | 17.032 | 23.5 | 42.653 | 24.2 | 33.942 | 5.321 | 0.830 | 8.9 | 5.386 | 3.3 | 5.392 | -1.038 | -10.9 | 5.491 |
| 247489.8 | 841941.2 | 134.3 | 41.032 | 17.804 | 23.5 | 44.728 | 22.2 | 35.593 | 5.422 | 0.722 | 7.6 | 5.470 | 3.4 | 5.608 | -0.893 | -9.0 | 5.679 |
| 247489.1 | 841941.9 | 134.2 | 41.812 | 18.363 | 23.7 | 45.667 | 20.5 | 36.341 | 5.344 | 0.595 | 6.4 | 5.377 | 3.4 | 4.978 | -0.642 | -7.3 | 5.020 |
| 247488.4 | 841942.6 | 134.2 | 42.705 | 19.062 | 24.1 | 46.766 | 18.8 | 37.215 | 5.128 | 0.467 | 5.2 | 5.149 | 3.9 | 4.631 | -0.425 | -5.2 | 4.651 |
| 247487.6 | 841943.3 | 134.3 | 43.485 | 19.848 | 24.5 | 47.800 | 17.2 | 38.038 | 4.781 | 0.357 | 4.3 | 4.794 | 4.9 | 4.339 | -0.192 | -2.5 | 4.343 |
| 247486.9 | 841944.0 | 134.3 | 43.983 | 20.675 | 25.2 | 48.600 | 15.7 | 38.674 | 4.323 | 0.310 | 4.1 | 4.334 | 6.8 | 3.934 | 0.083 | 1.2 | 3.934 |
| 247486.2 | 841944.7 | 134.2 | 43.512 | 21.292 | 26.1 | 48.442 | 14.6 | 38.549 | 3.764 | 0.365 | 5.5 | 3.781 | 9.3 | 2.962 | 0.395 | 7.6 | 2.988 |
| 247485.5 | 841945.3 | 134.3 | 43.653 | 22.224 | 27.0 | 48.985 | 13.5 | 38.981 | 3.182 | 0.552 | 9.8 | 3.230 | 14.7 | 2.432 | 0.766 | 17.5 | 2.549 |
| 247484.7 | 841946.0 | 134.3 | 43.648 | 23.214 | 28.0 | 49.437 | 12.7 | 39.341 | 2.585 | 0.798 | 17.2 | 2.706 | 23.9 | 1.786 | 1.213 | 34.2 | 2.159 |
| 247484.0 | 841946.7 | 134.3 | 43.043 | 24.021 | 29.2 | 49.292 | 12.2 | 39.225 | 1.977 | 1.077 | 28.6 | 2.251 | 38.0 | 0.870 | 1.653 | 62.2 | 1.868 |
| 247483.3 | 841947.4 | 134.2 | 42.238 | 24.757 | 30.4 | 48.958 | 12.1 | 38.960 | 1.395 | 1.391 | 44.9 | 1.970 | 53.7 | -0.050 | 2.076 | -88.6 | 2.076 |
| 247482.6 | 841948.1 | 134.1 | 41.330 | 25.426 | 31.6 | 48.524 | 12.3 | 38.615 | 0.896 | 1.738 | 62.7 | 1.955 | 47.5 | -0.889 | 2.456 | -70.1 | 2.612 |
| 247481.9 | 841948.8 | 134.1 | 40.585 | 26.165 | 32.8 | 48.289 | 12.7 | 38.427 | 0.683 | 2.114 | 72.1 | 2.222 | 29.6 | -1.605 | 2.864 | -60.7 | 3.283 |
| 247481.1 | 841949.5 | 134.0 | 39.827 | 26.859 | 34.0 | 48.037 | 13.3 | 38.227 | 0.905 | 2.509 | 70.2 | 2.668 | 17.1 | -2.229 | 3.246 | -55.5 | 3.938 |
| 247480.4 | 841950.2 | 133.9 | 39.080 | 27.508 | 35.1 | 47.791 | 14.1 | 38.031 | 1.325 | 2.910 | 65.5 | 3.197 | 10.1 | -2.771 | 3.613 | -52.5 | 4.553 |
| 247479.7 | 841950.9 | 133.9 | 38.288 | 28.060 | 36.2 | 47.469 | 15.1 | 37.775 | 1.771 | 3.297 | 61.8 | 3.743 | 6.3 | -3.235 | 3.944 | -50.6 | 5.101 |
| 247479.0 | 841951.6 | 134.0 | 37.956 | 28.949 | 37.3 | 47.735 | 16.1 | 37.987 | 2.207 | 3.663 | 58.9 | 4.277 | 4.6 | -3.869 | 4.634 | -50.1 | 6.037 |
| 247478.2 | 841952.2 | 134.0 | 37.065 | 29.287 | 38.3 | 47.239 | 17.4 | 37.592 | 2.573 | 3.958 | 57.0 | 4.721 | 3.5 | -4.287 | 4.968 | -49.2 | 6.562 |
| 247477.5 | 841952.9 | 133.8 | 35.450 | 28.822 | 39.1 | 45.688 | 19.1 | 36.357 | 2.856 | 4.146 | 55.4 | 5.034 | 2.7 | -4.288 | 4.712 | -47.7 | 6.371 |
| 247476.8 | 841953.6 | 133.7 | 33.649 | 28.020 | 39.8 | 43.787 | 20.9 | 34.845 | 3.061 | 4.224 | 54.1 | 5.216 | 2.3 | -4.116 | 4.266 | -46.0 | 5.928 |
| 247476.1 | 841954.3 | 133.6 | 31.708 | 26.916 | 40.3 | 41.592 | 22.7 | 33.098 | 3.183 | 4.185 | 52.7 | 5.258 | 2.0 | -3.800 | 3.669 | -44.0 | 5.282 |
| 247475.3 | 841955.0 | 133.5 | 29.834 | 25.735 | 40.8 | 39.400 | 24.6 | 31.354 | 3.227 | 4.038 | 51.4 | 5.169 | 2.0 | -3.511 | 3.145 | -41.9 | 4.713 |
| 247474.6 | 841955.7 | 133.5 | 28.252 | 24.744 | 41.2 | 37.556 | 26.4 | 29.886 | 3.202 | 3.803 | 49.9 | 4.971 | 2.3 | -3.489 | 2.961 | -40.3 | 4.576 |
| 247473.9 | 841956.4 | 133.5 | 26.617 | 23.579 | 41.5 | 35.559 | 28.3 | 28.297 | 3.112 | 3.489 | 48.3 | 4.676 | 2.7 | -3.430 | 2.724 | -38.5 | 4.381 |
| 247473.2 | 841957.1 | 133.4 | 24.552 | 21.795 | 41.6 | 32.830 | 30.1 | 26.125 | 2.967 | 3.114 | 46.4 | 4.301 | 2.5 | -2.868 | 1.956 | -34.3 | 3.472 |

Centerline results between structures [redacted]-5 and [redacted]-6T

3D EMF Point Results Centerline from [redacted]-5 to [redacted]-6T:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 249114.8 | 843631.6 | 78.8 | 9.982 | 6.326 | 32.4 | 11.818 | 24.8 | 9.404 | 0.303 | 0.623 | 64.1 | 0.693 | 22.0 | -0.684 | 1.600 | -66.9 | 1.740 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249114.2 | 843630.8 | 79.0 | 10.095 | 6.386 | 32.3 | 11.945 | 24.7 | 9.505 | 0.319 | 0.618 | 62.7 | 0.696 | 24.3 | -0.634 | 1.676 | -69.3 | 1.792 |
| 249113.7 | 843630.0 | 79.2 | 10.158 | 6.412 | 32.3 | 12.013 | 24.7 | 9.559 | 0.332 | 0.614 | 61.6 | 0.698 | 25.3 | -0.604 | 1.706 | -70.5 | 1.810 |
| 249113.1 | 843629.2 | 79.3 | 10.197 | 6.423 | 32.2 | 12.051 | 24.6 | 9.590 | 0.343 | 0.609 | 60.6 | 0.699 | 25.6 | -0.586 | 1.712 | -71.1 | 1.809 |
| 249112.5 | 843628.3 | 79.4 | 10.247 | 6.439 | 32.1 | 12.102 | 24.4 | 9.631 | 0.354 | 0.604 | 59.6 | 0.700 | 25.9 | -0.567 | 1.720 | -71.8 | 1.811 |
| 249111.9 | 843627.5 | 79.5 | 10.299 | 6.456 | 32.1 | 12.155 | 24.3 | 9.673 | 0.365 | 0.600 | 58.7 | 0.702 | 26.1 | -0.551 | 1.723 | -72.3 | 1.809 |
| 249111.3 | 843626.7 | 79.6 | 10.347 | 6.469 | 32.0 | 12.203 | 24.2 | 9.711 | 0.376 | 0.595 | 57.7 | 0.704 | 26.0 | -0.541 | 1.718 | -72.5 | 1.801 |
| 249110.7 | 843625.9 | 79.6 | 10.391 | 6.479 | 31.9 | 12.245 | 24.0 | 9.744 | 0.386 | 0.591 | 56.9 | 0.706 | 25.6 | -0.537 | 1.706 | -72.5 | 1.788 |
| 249110.2 | 843625.1 | 79.7 | 10.441 | 6.493 | 31.9 | 12.296 | 23.9 | 9.785 | 0.396 | 0.587 | 56.0 | 0.708 | 25.2 | -0.534 | 1.694 | -72.5 | 1.777 |
| 249109.6 | 843624.3 | 79.8 | 10.501 | 6.511 | 31.8 | 12.356 | 23.7 | 9.833 | 0.407 | 0.582 | 55.0 | 0.711 | 24.8 | -0.532 | 1.685 | -72.5 | 1.767 |
| 249109.0 | 843623.5 | 79.8 | 10.546 | 6.521 | 31.7 | 12.399 | 23.5 | 9.867 | 0.417 | 0.578 | 54.2 | 0.713 | 24.0 | -0.540 | 1.663 | -72.0 | 1.748 |
| 249108.4 | 843622.7 | 79.8 | 10.564 | 6.513 | 31.7 | 12.410 | 23.3 | 9.876 | 0.427 | 0.573 | 53.3 | 0.714 | 22.5 | -0.566 | 1.620 | -70.8 | 1.716 |
| 249107.8 | 843621.8 | 79.8 | 10.588 | 6.509 | 31.6 | 12.428 | 23.1 | 9.890 | 0.437 | 0.568 | 52.4 | 0.716 | 21.0 | -0.593 | 1.581 | -69.4 | 1.688 |
| 249107.2 | 843621.0 | 79.8 | 10.622 | 6.510 | 31.5 | 12.458 | 22.9 | 9.914 | 0.447 | 0.563 | 51.5 | 0.719 | 19.6 | -0.620 | 1.546 | -68.1 | 1.666 |
| 249106.7 | 843620.2 | 79.8 | 10.666 | 6.518 | 31.4 | 12.500 | 22.7 | 9.947 | 0.459 | 0.558 | 50.6 | 0.722 | 18.3 | -0.646 | 1.516 | -66.9 | 1.648 |
| 249106.1 | 843619.4 | 79.9 | 10.780 | 6.568 | 31.4 | 12.624 | 22.5 | 10.046 | 0.472 | 0.553 | 49.5 | 0.728 | 18.3 | -0.641 | 1.529 | -67.2 | 1.658 |
| 249105.5 | 843618.6 | 80.0 | 10.901 | 6.622 | 31.3 | 12.755 | 22.3 | 10.150 | 0.487 | 0.549 | 48.4 | 0.733 | 18.4 | -0.635 | 1.543 | -67.6 | 1.669 |
| 249104.9 | 843617.8 | 79.9 | 10.927 | 6.619 | 31.2 | 12.775 | 22.1 | 10.166 | 0.498 | 0.543 | 47.4 | 0.737 | 16.5 | -0.681 | 1.501 | -65.6 | 1.648 |
| 249104.3 | 843617.0 | 80.0 | 11.046 | 6.671 | 31.1 | 12.904 | 21.8 | 10.269 | 0.513 | 0.538 | 46.3 | 0.743 | 16.4 | -0.680 | 1.512 | -65.8 | 1.658 |
| 249103.7 | 843616.2 | 80.1 | 11.180 | 6.732 | 31.1 | 13.050 | 21.6 | 10.385 | 0.528 | 0.532 | 45.2 | 0.750 | 16.5 | -0.673 | 1.530 | -66.3 | 1.671 |
| 249103.2 | 843615.3 | 80.2 | 11.317 | 6.794 | 31.0 | 13.200 | 21.4 | 10.504 | 0.543 | 0.527 | 44.1 | 0.757 | 16.6 | -0.665 | 1.548 | -66.7 | 1.685 |
| 249102.6 | 843614.5 | 80.2 | 11.413 | 6.833 | 30.9 | 13.302 | 21.1 | 10.585 | 0.558 | 0.521 | 43.0 | 0.764 | 16.0 | -0.681 | 1.543 | -66.2 | 1.687 |
| 249102.0 | 843613.7 | 80.2 | 11.494 | 6.863 | 30.8 | 13.387 | 20.9 | 10.653 | 0.573 | 0.515 | 41.9 | 0.770 | 15.0 | -0.706 | 1.531 | -65.3 | 1.686 |
| 249101.4 | 843612.9 | 80.3 | 11.576 | 6.894 | 30.8 | 13.473 | 20.7 | 10.722 | 0.588 | 0.508 | 40.8 | 0.777 | 14.0 | -0.731 | 1.520 | -64.3 | 1.686 |
| 249100.8 | 843612.1 | 80.3 | 11.659 | 6.925 | 30.7 | 13.561 | 20.5 | 10.791 | 0.603 | 0.501 | 39.7 | 0.784 | 13.1 | -0.757 | 1.509 | -63.3 | 1.688 |
| 249100.2 | 843611.3 | 80.3 | 11.738 | 6.954 | 30.6 | 13.643 | 20.3 | 10.857 | 0.618 | 0.494 | 38.6 | 0.791 | 12.1 | -0.787 | 1.496 | -62.3 | 1.690 |
| 249099.7 | 843610.5 | 80.4 | 11.885 | 7.022 | 30.6 | 13.805 | 20.1 | 10.985 | 0.635 | 0.487 | 37.5 | 0.800 | 12.3 | -0.774 | 1.516 | -62.9 | 1.702 |
| 249099.1 | 843609.7 | 80.5 | 12.034 | 7.090 | 30.5 | 13.967 | 19.9 | 11.114 | 0.651 | 0.481 | 36.4 | 0.809 | 12.4 | -0.761 | 1.535 | -63.6 | 1.713 |
| 249098.5 | 843608.8 | 80.5 | 12.183 | 7.159 | 30.4 | 14.131 | 19.7 | 11.245 | 0.668 | 0.474 | 35.3 | 0.819 | 12.6 | -0.745 | 1.554 | -64.4 | 1.723 |
| 249097.9 | 843608.0 | 80.6 | 12.334 | 7.228 | 30.4 | 14.296 | 19.4 | 11.376 | 0.685 | 0.466 | 34.3 | 0.829 | 12.7 | -0.727 | 1.572 | -65.2 | 1.732 |
| 249097.3 | 843607.2 | 80.7 | 12.484 | 7.296 | 30.3 | 14.460 | 19.2 | 11.507 | 0.702 | 0.459 | 33.2 | 0.838 | 12.8 | -0.708 | 1.588 | -66.0 | 1.739 |
| 249096.7 | 843606.4 | 80.8 | 12.611 | 7.351 | 30.2 | 14.597 | 19.0 | 11.616 | 0.718 | 0.451 | 32.2 | 0.848 | 12.6 | -0.703 | 1.595 | -66.2 | 1.743 |
| 249096.2 | 843605.6 | 80.8 | 12.708 | 7.390 | 30.2 | 14.701 | 18.8 | 11.699 | 0.734 | 0.443 | 31.1 | 0.858 | 12.0 | -0.715 | 1.589 | -65.8 | 1.742 |
| 249095.6 | 843604.8 | 80.8 | 12.814 | 7.433 | 30.1 | 14.814 | 18.6 | 11.789 | 0.750 | 0.435 | 30.1 | 0.867 | 11.5 | -0.721 | 1.586 | -65.6 | 1.742 |
| 249095.0 | 843604.0 | 81.0 | 12.995 | 7.518 | 30.0 | 15.013 | 18.4 | 11.947 | 0.768 | 0.427 | 29.1 | 0.879 | 12.0 | -0.675 | 1.611 | -67.3 | 1.747 |
| 249094.4 | 843603.2 | 81.0 | 13.068 | 7.542 | 30.0 | 15.088 | 18.3 | 12.007 | 0.784 | 0.418 | 28.1 | 0.888 | 11.1 | -0.701 | 1.596 | -66.3 | 1.743 |
| 249093.8 | 843602.4 | 80.9 | 13.106 | 7.547 | 29.9 | 15.123 | 18.1 | 12.035 | 0.799 | 0.409 | 27.1 | 0.898 | 9.8 | -0.750 | 1.569 | -64.4 | 1.739 |
| 249093.2 | 843601.5 | 81.0 | 13.201 | 7.584 | 29.9 | 15.225 | 17.9 | 12.116 | 0.816 | 0.400 | 26.1 | 0.909 | 9.3 | -0.759 | 1.562 | -64.1 | 1.737 |
| 249092.7 | 843600.7 | 81.0 | 13.278 | 7.611 | 29.8 | 15.305 | 17.8 | 12.179 | 0.832 | 0.391 | 25.2 | 0.919 | 8.6 | -0.781 | 1.550 | -63.3 | 1.736 |
| 249092.1 | 843599.9 | 81.0 | 13.345 | 7.632 | 29.8 | 15.373 | 17.6 | 12.234 | 0.848 | 0.382 | 24.2 | 0.930 | 7.8 | -0.810 | 1.535 | -62.2 | 1.736 |
| 249091.5 | 843599.1 | 81.1 | 13.460 | 7.678 | 29.7 | 15.497 | 17.4 | 12.332 | 0.865 | 0.373 | 23.3 | 0.942 | 7.6 | -0.804 | 1.535 | -62.4 | 1.733 |
| 249090.9 | 843598.3 | 81.3 | 13.792 | 7.841 | 29.6 | 15.866 | 17.2 | 12.625 | 0.885 | 0.366 | 22.4 | 0.958 | 9.7 | -0.639 | 1.600 | -68.2 | 1.723 |
| 249090.3 | 843597.5 | 81.3 | 13.842 | 7.852 | 29.6 | 15.914 | 17.0 | 12.664 | 0.902 | 0.356 | 21.5 | 0.969 | 8.8 | -0.678 | 1.579 | -66.8 | 1.718 |
| 249089.7 | 843596.7 | 81.3 | 13.935 | 7.886 | 29.5 | 16.012 | 16.9 | 12.742 | 0.919 | 0.346 | 20.6 | 0.982 | 8.3 | -0.686 | 1.571 | -66.4 | 1.714 |
| 249089.2 | 843595.9 | 81.4 | 14.069 | 7.941 | 29.4 | 16.155 | 16.7 | 12.856 | 0.937 | 0.337 | 19.8 | 0.995 | 8.3 | -0.663 | 1.573 | -67.2 | 1.707 |
| 249088.6 | 843595.0 | 81.5 | 14.298 | 8.046 | 29.4 | 16.407 | 16.5 | 13.056 | 0.956 | 0.329 | 19.0 | 1.011 | 9.1 | -0.567 | 1.599 | -70.5 | 1.697 |
| 249088.0 | 843594.2 | 81.6 | 14.407 | 8.087 | 29.3 | 16.522 | 16.3 | 13.148 | 0.974 | 0.319 | 18.1 | 1.025 | 8.8 | -0.562 | 1.594 | -70.6 | 1.690 |
| 249087.4 | 843593.4 | 81.6 | 14.477 | 8.107 | 29.2 | 16.593 | 16.2 | 13.204 | 0.992 | 0.309 | 17.3 | 1.039 | 8.2 | -0.588 | 1.578 | -69.6 | 1.684 |
| 249086.8 | 843592.6 | 81.6 | 14.563 | 8.136 | 29.2 | 16.681 | 16.0 | 13.274 | 1.011 | 0.299 | 16.5 | 1.054 | 7.7 | -0.602 | 1.567 | -69.0 | 1.679 |
| 249086.2 | 843591.8 | 81.6 | 14.624 | 8.151 | 29.1 | 16.742 | 15.9 | 13.323 | 1.029 | 0.288 | 15.6 | 1.069 | 7.1 | -0.636 | 1.551 | -67.7 | 1.676 |
| 249085.7 | 843591.0 | 81.7 | 14.701 | 8.175 | 29.1 | 16.821 | 15.7 | 13.386 | 1.048 | 0.278 | 14.8 | 1.084 | 6.6 | -0.659 | 1.538 | -66.8 | 1.673 |
| 249085.1 | 843590.2 | 81.7 | 14.827 | 8.223 | 29.0 | 16.955 | 15.6 | 13.492 | 1.068 | 0.268 | 14.1 | 1.101 | 6.6 | -0.644 | 1.535 | -67.3 | 1.665 |
| 249084.5 | 843589.4 | 81.8 | 14.941 | 8.265 | 29.0 | 17.074 | 15.4 | 13.587 | 1.088 | 0.258 | 13.3 | 1.118 | 6.4 | -0.638 | 1.530 | -67.4 | 1.657 |
| 249083.9 | 843588.5 | 81.9 | 15.072 | 8.315 | 28.9 | 17.213 | 15.3 | 13.698 | 1.108 | 0.248 | 12.6 | 1.135 | 6.4 | -0.618 | 1.527 | -68.0 | 1.647 |
| 249083.3 | 843587.7 | 81.9 | 15.198 | 8.363 | 28.8 | 17.347 | 15.1 | 13.804 | 1.128 | 0.238 | 11.9 | 1.153 | 6.3 | -0.602 | 1.522 | -68.4 | 1.636 |
| 249082.7 | 843586.9 | 82.0 | 15.320 | 8.408 | 28.8 | 17.476 | 15.0 | 13.907 | 1.149 | 0.228 | 11.2 | 1.171 | 6.2 | -0.589 | 1.515 | -68.8 | 1.626 |
| 249082.2 | 843586.1 | 82.0 | 15.442 | 8.452 | 28.7 | 17.604 | 14.8 | 14.009 | 1.170 | 0.218 | 10.6 | 1.190 | 6.1 | -0.576 | 1.508 | -69.1 | 1.615 |
| 249081.6 | 843585.3 | 82.2 | 15.634 | 8.531 | 28.6 | 17.810 | 14.6 | 14.173 | 1.191 | 0.210 | 10.0 | 1.209 | 6.5 | -0.503 | 1.511 | -71.6 | 1.592 |
| 249081.0 | 843584.5 | 82.2 | 15.763 | 8.578 | 28.6 | 17.946 | 14.5 | 14.281 | 1.212 | 0.200 | 9.4 | 1.228 | 6.4 | -0.483 | 1.502 | -72.2 | 1.578 |
| 249080.4 | 843583.7 | 82.4 | 15.996 | 8.675 | 28.5 | 18.197 | 14.3 | 14.481 | 1.234 | 0.192 | 8.9 | 1.249 | 6.9 | -0.371 | 1.506 | -76.2 | 1.551 |
| 249079.8 | 843582.9 | 82.5 | 16.235 | 8.775 | 28.4 | 18.455 | 14.1 | 14.686 | 1.257 | 0.185 | 8.4 | 1.270 | 7.4 | -0.253 | 1.507 | -80.5 | 1.528 |
| 249079.2 | 843582.0 | 82.7 | 16.490 | 8.881 | 28.3 | 18.729 | 13.9 | 14.904 | 1.280 | 0.179 | 8.0 | 1.292 | 8.0 | -0.120 | 1.508 | -85.4 | 1.512 |
| 249078.7 | 843581.2 | 82.8 | 16.727 | 8.977 | 28.2 | 18.983 | 13.7 | 15.106 | 1.303 | 0.173 | 7.6 | 1.314 | 8.3 | -0.001 | 1.503 | -89.9 | 1.503 |
| 249078.1 | 843580.4 | 83.0 | 16.953 | 9.067 | 28.1 | 19.226 | 13.5 | 15.299 | 1.326 | 0.168 | 7.2 | 1.336 | 8.6 | 0.110 | 1.495 | 85.8 | 1.499 |
| 249077.5 | 843579.6 | 83.1 | 17.187 | 9.160 | 28.1 | 19.476 | 13.3 | 15.498 | 1.349 | 0.163 | 6.9 | 1.359 | 8.9 | 0.229 | 1.485 | 81.2 | 1.503 |
| 249076.9 | 843578.8 | 83.2 | 17.325 | 9.206 | 28.0 | 19.619 | 13.1 | 15.613 | 1.371 | 0.156 | 6.5 | 1.379 | 8.7 | 0.264 | 1.466 | 79.8 | 1.490 |
| 249076.3 | 843578.0 | 83.3 | 17.488 | 9.264 | 27.9 | 19.790 | 13.0 | 15.748 | 1.393 | 0.150 | 6.1 | 1.401 | 8.7 | 0.322 | 1.448 | 77.5 | 1.483 |
| 249075.7 | 843577.2 | 83.3 | 17.590 | 9.292 | 27.8 | 19.894 | 12.8 | 15.831 | 1.414 | 0.142 | 5.7 | 1.421 | 8.4 | 0.326 | 1.426 | 77.1 | 1.462 |
| 249075.2 | 843576.4 | 83.4 | 17.686 | 9.317 | 27.8 | 19.990 | 12.7 | 15.908 | 1.435 | 0.134 | 5.3 | 1.441 | 8.0 | 0.323 | 1.403 | 77.0 | 1.439 |
| 249074.6 | 843575.5 | 83.4 | 17.787 | 9.345 | 27.7 | 20.093 | 12.6 | 15.989 | 1.456 | 0.127 | 5.0 | 1.462 | 7.8 | 0.324 | 1.380 | 76.8 | 1.417 |
| 249074.0 | 843574.7 | 83.4 | 17.829 | 9.345 | 27.7 | 20.130 | 12.5 | 16.019 | 1.477 | 0.118 | 4.6 | 1.482 | 7.3 | 0.270 | 1.355 | 78.7 | 1.381 |
| 249073.4 | 843573.9 | 83.4 | 17.750 | 9.289 | 27.6 | 20.034 | 12.4 | 15.942 | 1.496 | 0.105 | 4.0 | 1.500 | 6.4 | 0.099 | 1.327 | 85.7 | 1.331 |
| 249072.8 | 843573.1 | 83.3 | 17.666 | 9.231 | 27.6 | 19.932 | 12.4 | 15.862 | 1.516 | 0.091 | 3.4 | 1.518 | 5.6 | -0.083 | 1.302 | -86.3 | 1.305 |
| 249072.2 | 843572.3 | 83.4 | 17.755 | 9.253 | 27.5 | 20.022 | 12.3 | 15.933 | 1.538 | 0.085 | 3.2 | 1.540 | 5.3 | -0.103 | 1.282 | -85.4 | 1.286 |
| 249071.7 | 843571.5 | 83.4 | 17.834 | 9.270 | 27.5 | 20.099 | 12.2 | 15.995 | 1.561 | 0.080 | 2.9 | 1.563 | 5.1 | -0.136 | 1.262 | -83.9 | 1.269 |
| 249071.1 | 843570.7 | 83.4 | 17.911 | 9.285 | 27.4 | 20.174 | 12.0 | 16.054 | 1.584 | 0.076 | 2.7 | 1.585 | 4.8 | -0.173 | 1.242 | -82.0 | 1.254 |
| 249070.5 | 843569.9 | 83.6 | 18.174 | 9.385 | 27.3 | 20.454 | 11.9 | 16.277 | 1.609 | 0.081 | 2.9 | 1.611 | 5.0 | -0.028 | 1.222 | -88.7 | 1.222 |
| 249069.9 | 843569.0 | 83.8 | 18.432 | 9.480 | 27.2 | 20.727 | 11.7 | 16.494 | 1.635 | 0.088 | 3.1 | 1.638 | 5.2 | 0.110 | 1.199 | 84.8 | 1.204 |
| 249069.3 | 843568.2 | 83.9 | 18.670 | 9.566 | 27.1 | 20.978 | 11.5 | 16.694 | 1.662 | 0.095 | 3.3 | 1.664 | 5.3 | 0.227 | 1.176 | 79.1 | 1.198 |
| 249068.7 | 843567.4 | 84.0 | 18.884 | 9.640 | 27.0 | 21.202 | 11.3 | 16.872 | 1.688 | 0.101 | 3.4 | 1.691 | 5.4 | 0.318 | 1.152 | 74.6 | 1.195 |
| 249068.2 | 843566.6 | 84.2 | 19.097 | 9.714 | 27.0 | 21.426 | 11.2 | 17.050 | 1.716 | 0.109 | 3.6 | 1.719 | 5.4 | 0.407 | 1.126 | 70.1 | 1.197 |
| 249067.6 | 843565.8 | 84.3 | 19.326 | 9.792 | 26.9 | 21.665 | 11.0 | 17.240 | 1.744 | 0.117 | 3.8 | 1.747 | 5.4 | 0.507 | 1.100 | 65.3 | 1.211 |
| 249067.0 | 843565.0 | 84.4 | 19.555 | 9.870 | 26.8 | 21.905 | 10.8 | 17.431 | 1.772 | 0.126 | 4.1 | 1.777 | 5.4 | 0.606 | 1.072 | 60.5 | 1.232 |
| 249066.4 | 843564.2 | 84.6 | 19.786 | 9.948 | 26.7 | 22.146 | 10.7 | 17.623 | 1.801 | 0.135 | 4.3 | 1.806 | 5.4 | 0.704 | 1.044 | 56.0 | 1.259 |
| 249065.8 | 843563.4 | 84.7 | 20.017 | 10.025 | 26.6 | 22.387 | 10.5 | 17.815 | 1.831 | 0.145 | 4.5 | 1.837 | 5.4 | 0.801 | 1.014 | 51.7 | 1.292 |
| 249065.2 | 843562.6 | 84.9 | 20.295 | 10.120 | 26.5 | 22.678 | 10.3 | 18.047 | 1.863 | 0.156 | 4.8 | 1.869 | 5.5 | 0.941 | 0.981 | 46.2 | 1.359 |
| 249064.7 | 843561.7 | 85.0 | 20.492 | 10.181 | 26.4 | 22.881 | 10.2 | 18.208 | 1.893 | 0.165 | 5.0 | 1.900 | 5.4 | 0.997 | 0.952 | 43.7 | 1.379 |
| 249064.1 | 843560.9 | 85.0 | 20.531 | 10.175 | 26.4 | 22.914 | 10.1 | 18.235 | 1.921 | 0.169 | 5.0 | 1.928 | 5.0 | 0.891 | 0.935 | 46.4 | 1.292 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249063.5 | 843560.1 | 85.1 | 20.645 | 10.200 | 26.3 | 23.028 | 10.0 | 18.325 | 1.950 | 0.177 | 5.2 | 1.958 | 4.8 | 0.856 | 0.914 | 46.9 | 1.252 |
| 249062.9 | 843559.3 | 85.3 | 20.974 | 10.313 | 26.2 | 23.373 | 9.8 | 18.599 | 1.985 | 0.190 | 5.5 | 1.994 | 4.8 | 1.040 | 0.874 | 40.0 | 1.359 |
| 249062.3 | 843558.5 | 85.4 | 21.282 | 10.416 | 26.1 | 23.694 | 9.6 | 18.855 | 2.019 | 0.203 | 5.7 | 2.029 | 4.9 | 1.200 | 0.835 | 34.8 | 1.462 |
| 249061.7 | 843557.7 | 85.4 | 21.289 | 10.397 | 26.0 | 23.692 | 9.5 | 18.854 | 2.048 | 0.208 | 5.8 | 2.058 | 4.5 | 1.048 | 0.824 | 38.2 | 1.333 |
| 249061.2 | 843556.9 | 85.6 | 21.519 | 10.466 | 25.9 | 23.929 | 9.4 | 19.042 | 2.081 | 0.219 | 6.0 | 2.093 | 4.4 | 1.123 | 0.793 | 35.2 | 1.375 |
| 249060.6 | 843556.1 | 85.7 | 21.749 | 10.536 | 25.8 | 24.167 | 9.2 | 19.231 | 2.115 | 0.230 | 6.2 | 2.127 | 4.3 | 1.198 | 0.761 | 32.4 | 1.419 |
| 249060.0 | 843555.2 | 85.8 | 22.010 | 10.616 | 25.7 | 24.436 | 9.1 | 19.446 | 2.149 | 0.242 | 6.4 | 2.163 | 4.3 | 1.302 | 0.725 | 29.1 | 1.490 |
| 249059.4 | 843554.4 | 86.0 | 22.315 | 10.712 | 25.6 | 24.753 | 8.9 | 19.698 | 2.185 | 0.255 | 6.6 | 2.200 | 4.2 | 1.451 | 0.684 | 25.2 | 1.604 |
| 249058.8 | 843553.6 | 86.2 | 22.616 | 10.805 | 25.5 | 25.064 | 8.7 | 19.945 | 2.221 | 0.267 | 6.9 | 2.237 | 4.2 | 1.594 | 0.643 | 22.0 | 1.718 |
| 249058.2 | 843552.8 | 86.3 | 22.795 | 10.851 | 25.5 | 25.246 | 8.6 | 20.090 | 2.255 | 0.277 | 7.0 | 2.272 | 4.0 | 1.608 | 0.616 | 21.0 | 1.722 |
| 249057.7 | 843552.0 | 86.4 | 22.995 | 10.903 | 25.4 | 25.449 | 8.5 | 20.252 | 2.290 | 0.288 | 7.2 | 2.308 | 3.9 | 1.641 | 0.587 | 19.7 | 1.743 |
| 249057.1 | 843551.2 | 86.6 | 23.328 | 11.005 | 25.3 | 25.794 | 8.3 | 20.526 | 2.327 | 0.301 | 7.4 | 2.347 | 3.8 | 1.812 | 0.541 | 16.6 | 1.891 |
| 249056.5 | 843550.4 | 86.7 | 23.504 | 11.047 | 25.2 | 25.970 | 8.2 | 20.666 | 2.362 | 0.312 | 7.5 | 2.382 | 3.6 | 1.815 | 0.516 | 15.9 | 1.887 |
| 249055.9 | 843549.6 | 86.8 | 23.778 | 11.125 | 25.1 | 26.251 | 8.0 | 20.890 | 2.399 | 0.324 | 7.7 | 2.421 | 3.6 | 1.919 | 0.478 | 14.0 | 1.977 |
| 249055.3 | 843548.7 | 86.9 | 23.870 | 11.135 | 25.0 | 26.340 | 8.0 | 20.960 | 2.433 | 0.333 | 7.8 | 2.456 | 3.3 | 1.827 | 0.467 | 14.3 | 1.885 |
| 249054.7 | 843547.9 | 86.9 | 23.962 | 11.144 | 24.9 | 26.426 | 7.9 | 21.029 | 2.467 | 0.343 | 7.9 | 2.491 | 3.1 | 1.729 | 0.457 | 14.8 | 1.788 |
| 249054.2 | 843547.1 | 87.0 | 24.106 | 11.173 | 24.9 | 26.569 | 7.8 | 21.143 | 2.503 | 0.354 | 8.0 | 2.528 | 2.9 | 1.682 | 0.441 | 14.7 | 1.739 |
| 249053.6 | 843546.3 | 87.2 | 24.424 | 11.263 | 24.8 | 26.896 | 7.6 | 21.403 | 2.543 | 0.367 | 8.2 | 2.570 | 2.9 | 1.820 | 0.399 | 12.4 | 1.863 |
| 249053.0 | 843545.5 | 87.4 | 24.804 | 11.375 | 24.6 | 27.288 | 7.4 | 21.715 | 2.585 | 0.380 | 8.4 | 2.613 | 2.8 | 2.021 | 0.347 | 9.7 | 2.050 |
| 249052.4 | 843544.7 | 87.5 | 25.104 | 11.457 | 24.5 | 27.594 | 7.3 | 21.959 | 2.626 | 0.393 | 8.5 | 2.656 | 2.7 | 2.129 | 0.308 | 8.2 | 2.151 |
| 249051.8 | 843543.9 | 87.6 | 25.321 | 11.508 | 24.4 | 27.814 | 7.2 | 22.134 | 2.667 | 0.405 | 8.6 | 2.697 | 2.6 | 2.144 | 0.283 | 7.5 | 2.162 |
| 249051.2 | 843543.1 | 87.7 | 25.539 | 11.559 | 24.4 | 28.033 | 7.1 | 22.308 | 2.708 | 0.417 | 8.8 | 2.740 | 2.5 | 2.152 | 0.260 | 6.9 | 2.168 |
| 249050.7 | 843542.2 | 87.9 | 25.846 | 11.640 | 24.2 | 28.347 | 6.9 | 22.558 | 2.752 | 0.430 | 8.9 | 2.786 | 2.4 | 2.252 | 0.222 | 5.6 | 2.263 |
| 249050.1 | 843541.4 | 88.1 | 26.235 | 11.748 | 24.1 | 28.745 | 6.8 | 22.874 | 2.799 | 0.444 | 9.0 | 2.834 | 2.4 | 2.433 | 0.170 | 4.0 | 2.439 |
| 249049.5 | 843540.6 | 88.2 | 26.464 | 11.800 | 24.0 | 28.976 | 6.6 | 23.058 | 2.844 | 0.456 | 9.1 | 2.880 | 2.3 | 2.436 | 0.147 | 3.5 | 2.440 |
| 249048.9 | 843539.8 | 88.2 | 26.553 | 11.805 | 24.0 | 29.059 | 6.6 | 23.124 | 2.887 | 0.467 | 9.2 | 2.925 | 2.1 | 2.278 | 0.150 | 3.8 | 2.283 |
| 249048.3 | 843539.0 | 88.3 | 26.692 | 11.825 | 23.9 | 29.194 | 6.5 | 23.232 | 2.933 | 0.479 | 9.3 | 2.971 | 2.0 | 2.166 | 0.147 | 3.9 | 2.171 |
| 249047.7 | 843538.2 | 88.5 | 27.047 | 11.918 | 23.8 | 29.557 | 6.3 | 23.520 | 2.983 | 0.492 | 9.4 | 3.024 | 2.0 | 2.285 | 0.104 | 2.6 | 2.287 |
| 249047.2 | 843537.4 | 88.7 | 27.426 | 12.017 | 23.7 | 29.944 | 6.2 | 23.828 | 3.035 | 0.506 | 9.5 | 3.077 | 1.9 | 2.423 | 0.057 | 1.4 | 2.424 |
| 249046.6 | 843536.6 | 88.8 | 27.710 | 12.083 | 23.6 | 30.229 | 6.1 | 24.056 | 3.087 | 0.519 | 9.5 | 3.130 | 1.9 | 2.449 | 0.029 | 0.7 | 2.449 |
| 249046.0 | 843535.7 | 88.9 | 27.836 | 12.098 | 23.5 | 30.351 | 6.0 | 24.153 | 3.137 | 0.531 | 9.6 | 3.181 | 1.8 | 2.295 | 0.032 | 0.8 | 2.296 |
| 249045.4 | 843534.9 | 88.9 | 27.960 | 12.112 | 23.4 | 30.471 | 5.9 | 24.248 | 3.188 | 0.543 | 9.7 | 3.234 | 1.7 | 2.132 | 0.037 | 1.0 | 2.132 |
| 249044.8 | 843534.1 | 89.1 | 28.366 | 12.215 | 23.3 | 30.885 | 5.8 | 24.577 | 3.244 | 0.556 | 9.7 | 3.291 | 1.6 | 2.277 | -0.013 | -0.3 | 2.277 |
| 249044.2 | 843533.3 | 89.2 | 28.534 | 12.242 | 23.2 | 31.049 | 5.7 | 24.708 | 3.298 | 0.568 | 9.8 | 3.346 | 1.6 | 2.151 | -0.015 | -0.4 | 2.151 |
| 249043.7 | 843532.5 | 89.4 | 29.011 | 12.365 | 23.1 | 31.536 | 5.5 | 25.096 | 3.356 | 0.582 | 9.8 | 3.406 | 1.6 | 2.367 | -0.078 | -1.9 | 2.369 |
| 249043.1 | 843531.7 | 89.6 | 29.403 | 12.459 | 23.0 | 31.934 | 5.4 | 25.412 | 3.414 | 0.595 | 9.9 | 3.465 | 1.5 | 2.485 | -0.124 | -2.9 | 2.488 |
| 249042.5 | 843530.9 | 89.7 | 29.755 | 12.540 | 22.9 | 32.290 | 5.3 | 25.695 | 3.471 | 0.608 | 9.9 | 3.524 | 1.5 | 2.555 | -0.161 | -3.6 | 2.560 |
| 249041.9 | 843530.1 | 90.1 | 30.684 | 12.793 | 22.6 | 33.244 | 5.0 | 26.455 | 3.539 | 0.623 | 10.0 | 3.593 | 1.6 | 3.258 | -0.313 | -5.5 | 3.273 |
| 249041.3 | 843529.2 | 90.3 | 31.393 | 12.975 | 22.5 | 33.969 | 4.8 | 27.032 | 3.603 | 0.638 | 10.0 | 3.659 | 1.6 | 3.709 | -0.419 | -6.4 | 3.733 |
| 249040.7 | 843528.4 | 90.5 | 31.947 | 13.108 | 22.3 | 34.531 | 4.6 | 27.479 | 3.665 | 0.651 | 10.1 | 3.722 | 1.6 | 3.989 | -0.495 | -7.1 | 4.019 |
| 249040.2 | 843527.6 | 90.7 | 32.381 | 13.205 | 22.2 | 34.970 | 4.5 | 27.828 | 3.724 | 0.663 | 10.1 | 3.783 | 1.6 | 4.141 | -0.547 | -7.5 | 4.177 |
| 249039.6 | 843526.8 | 90.9 | 32.823 | 13.302 | 22.1 | 35.416 | 4.4 | 28.183 | 3.784 | 0.675 | 10.1 | 3.843 | 1.6 | 4.301 | -0.601 | -8.0 | 4.343 |
| 249039.0 | 843526.0 | 91.0 | 33.273 | 13.400 | 21.9 | 35.870 | 4.3 | 28.545 | 3.843 | 0.687 | 10.1 | 3.904 | 1.6 | 4.469 | -0.655 | -8.3 | 4.517 |
| 249038.4 | 843525.2 | 91.2 | 33.731 | 13.498 | 21.8 | 36.332 | 4.1 | 28.912 | 3.902 | 0.699 | 10.2 | 3.964 | 1.5 | 4.646 | -0.711 | -8.7 | 4.700 |
| 249037.8 | 843524.4 | 91.3 | 34.198 | 13.598 | 21.7 | 36.802 | 4.0 | 29.286 | 3.961 | 0.710 | 10.2 | 4.025 | 1.5 | 4.833 | -0.767 | -9.0 | 4.894 |
| 249037.2 | 843523.6 | 91.5 | 34.573 | 13.670 | 21.6 | 37.178 | 3.9 | 29.585 | 4.018 | 0.721 | 10.2 | 4.082 | 1.5 | 4.927 | -0.806 | -9.3 | 4.993 |
| 249036.7 | 843522.8 | 91.6 | 34.865 | 13.720 | 21.5 | 37.467 | 3.8 | 29.815 | 4.073 | 0.732 | 10.2 | 4.138 | 1.5 | 4.938 | -0.829 | -9.5 | 5.007 |
| 249036.1 | 843521.9 | 91.7 | 35.177 | 13.774 | 21.4 | 37.777 | 3.7 | 30.062 | 4.127 | 0.742 | 10.2 | 4.193 | 1.4 | 4.972 | -0.855 | -9.8 | 5.045 |
| 249035.5 | 843521.1 | 91.8 | 35.515 | 13.834 | 21.3 | 38.114 | 3.7 | 30.330 | 4.182 | 0.753 | 10.2 | 4.249 | 1.4 | 5.035 | -0.886 | -10.0 | 5.113 |
| 249034.9 | 843520.3 | 91.9 | 35.792 | 13.878 | 21.2 | 38.388 | 3.6 | 30.548 | 4.235 | 0.763 | 10.2 | 4.303 | 1.4 | 5.039 | -0.905 | -10.2 | 5.120 |
| 249034.3 | 843519.5 | 92.0 | 36.016 | 13.907 | 21.1 | 38.607 | 3.5 | 30.723 | 4.287 | 0.772 | 10.2 | 4.356 | 1.3 | 4.991 | -0.914 | -10.4 | 5.074 |
| 249033.7 | 843518.7 | 92.1 | 36.150 | 13.913 | 21.0 | 38.735 | 3.5 | 30.825 | 4.336 | 0.781 | 10.2 | 4.406 | 1.3 | 4.855 | -0.906 | -10.6 | 4.939 |
| 249033.2 | 843517.9 | 92.2 | 36.481 | 13.969 | 21.0 | 39.065 | 3.4 | 31.087 | 4.390 | 0.791 | 10.2 | 4.460 | 1.2 | 4.924 | -0.936 | -10.8 | 5.012 |
| 249032.6 | 843517.1 | 92.4 | 36.816 | 14.025 | 20.9 | 39.397 | 3.4 | 31.351 | 4.443 | 0.800 | 10.2 | 4.515 | 1.2 | 5.000 | -0.965 | -10.9 | 5.092 |
| 249032.0 | 843516.3 | 92.5 | 37.184 | 14.089 | 20.8 | 39.764 | 3.3 | 31.643 | 4.497 | 0.809 | 10.2 | 4.570 | 1.2 | 5.114 | -1.001 | -11.1 | 5.211 |
| 249031.4 | 843515.4 | 92.7 | 37.709 | 14.192 | 20.6 | 40.291 | 3.2 | 32.063 | 4.555 | 0.819 | 10.2 | 4.628 | 1.3 | 5.391 | -1.067 | -11.2 | 5.496 |
| 249030.8 | 843514.6 | 92.7 | 37.942 | 14.220 | 20.5 | 40.520 | 3.1 | 32.245 | 4.606 | 0.827 | 10.2 | 4.680 | 1.2 | 5.375 | -1.078 | -11.3 | 5.482 |
| 249030.2 | 843513.8 | 92.8 | 38.088 | 14.227 | 20.5 | 40.659 | 3.1 | 32.355 | 4.655 | 0.835 | 10.2 | 4.729 | 1.2 | 5.274 | -1.074 | -11.5 | 5.382 |
| 249029.7 | 843513.0 | 92.9 | 38.246 | 14.237 | 20.4 | 40.810 | 3.1 | 32.476 | 4.704 | 0.843 | 10.2 | 4.779 | 1.2 | 5.190 | -1.072 | -11.7 | 5.299 |
| 249029.1 | 843512.2 | 93.0 | 38.504 | 14.272 | 20.3 | 41.064 | 3.0 | 32.678 | 4.754 | 0.851 | 10.1 | 4.830 | 1.1 | 5.214 | -1.089 | -11.8 | 5.327 |
| 249028.5 | 843511.4 | 93.1 | 38.763 | 14.306 | 20.3 | 41.318 | 3.0 | 32.880 | 4.804 | 0.859 | 10.1 | 4.880 | 1.1 | 5.246 | -1.107 | -11.9 | 5.362 |
| 249027.9 | 843510.6 | 93.2 | 39.066 | 14.350 | 20.2 | 41.618 | 2.9 | 33.118 | 4.853 | 0.866 | 10.1 | 4.930 | 1.1 | 5.332 | -1.133 | -12.0 | 5.451 |
| 249027.3 | 843509.8 | 93.3 | 39.454 | 14.419 | 20.1 | 42.006 | 2.9 | 33.427 | 4.903 | 0.875 | 10.1 | 4.980 | 1.1 | 5.500 | -1.221 | -12.5 | 5.634 |
| 249026.7 | 843508.9 | 93.6 | 40.276 | 14.583 | 19.9 | 42.835 | 2.7 | 34.087 | 4.962 | 0.884 | 10.1 | 5.040 | 1.2 | 6.123 | -1.341 | -12.4 | 6.268 |
| 249026.2 | 843508.1 | 93.7 | 40.493 | 14.605 | 19.8 | 43.047 | 2.7 | 34.255 | 5.003 | 0.891 | 10.1 | 5.082 | 1.1 | 6.153 | -1.353 | -12.4 | 6.300 |
| 249025.6 | 843507.3 | 93.7 | 40.692 | 14.623 | 19.8 | 43.240 | 2.7 | 34.409 | 5.042 | 0.897 | 10.1 | 5.121 | 1.1 | 6.179 | -1.361 | -12.4 | 6.327 |
| 249025.0 | 843506.5 | 93.8 | 40.890 | 14.640 | 19.7 | 43.432 | 2.6 | 34.562 | 5.078 | 0.904 | 10.1 | 5.158 | 1.1 | 6.216 | -1.370 | -12.4 | 6.365 |
| 249024.4 | 843505.7 | 93.9 | 41.087 | 14.657 | 19.6 | 43.623 | 2.6 | 34.714 | 5.112 | 0.910 | 10.1 | 5.192 | 1.1 | 6.266 | -1.378 | -12.4 | 6.416 |
| 249023.8 | 843504.9 | 94.1 | 41.575 | 14.739 | 19.5 | 44.110 | 2.6 | 35.102 | 5.151 | 0.917 | 10.1 | 5.232 | 1.1 | 6.615 | -1.438 | -12.3 | 6.769 |
| 249023.2 | 843504.1 | 94.2 | 41.915 | 14.787 | 19.4 | 44.447 | 2.5 | 35.370 | 5.184 | 0.923 | 10.1 | 5.265 | 1.1 | 6.829 | -1.472 | -12.2 | 6.986 |
| 249022.7 | 843503.3 | 94.1 | 41.105 | 14.579 | 19.5 | 43.614 | 2.6 | 34.707 | 5.183 | 0.927 | 10.1 | 5.266 | 0.9 | 5.934 | -1.305 | -12.4 | 6.076 |
| 249022.1 | 843502.4 | 93.9 | 39.953 | 14.292 | 19.7 | 42.433 | 2.8 | 33.767 | 5.178 | 0.930 | 10.2 | 5.261 | 0.6 | 4.670 | -1.069 | -12.9 | 4.791 |
| 249021.5 | 843501.6 | 94.2 | 41.105 | 14.526 | 19.5 | 43.596 | 2.7 | 34.693 | 5.222 | 0.938 | 10.2 | 5.305 | 0.8 | 5.759 | -1.256 | -12.3 | 5.895 |
| 249020.9 | 843500.8 | 94.2 | 41.092 | 14.497 | 19.4 | 43.574 | 2.7 | 34.675 | 5.239 | 0.944 | 10.2 | 5.323 | 0.8 | 5.674 | -1.230 | -12.2 | 5.805 |
| 249020.3 | 843500.0 | 94.3 | 41.154 | 14.485 | 19.4 | 43.629 | 2.7 | 34.719 | 5.257 | 0.949 | 10.2 | 5.342 | 0.8 | 5.672 | -1.218 | -12.1 | 5.801 |
| 249019.7 | 843499.2 | 94.4 | 41.295 | 14.490 | 19.3 | 43.763 | 2.7 | 34.826 | 5.276 | 0.954 | 10.3 | 5.361 | 0.8 | 5.755 | -1.220 | -12.0 | 5.883 |
| 249019.2 | 843498.4 | 94.5 | 41.562 | 14.523 | 19.3 | 44.026 | 2.6 | 35.035 | 5.298 | 0.960 | 10.3 | 5.384 | 0.9 | 5.968 | -1.246 | -11.8 | 6.097 |
| 249018.6 | 843497.6 | 94.5 | 41.526 | 14.490 | 19.2 | 43.982 | 2.7 | 35.000 | 5.312 | 0.965 | 10.3 | 5.399 | 0.9 | 5.884 | -1.217 | -11.7 | 6.009 |
| 249018.0 | 843496.8 | 94.6 | 41.404 | 14.438 | 19.2 | 43.849 | 2.7 | 34.894 | 5.325 | 0.969 | 10.3 | 5.412 | 0.9 | 5.715 | -1.174 | -11.6 | 5.834 |
| 249017.4 | 843495.9 | 94.6 | 41.288 | 14.389 | 19.2 | 43.724 | 2.7 | 34.794 | 5.338 | 0.974 | 10.3 | 5.426 | 0.8 | 5.553 | -1.132 | -11.5 | 5.667 |
| 249016.8 | 843495.1 | 94.6 | 41.170 | 14.338 | 19.2 | 43.595 | 2.7 | 34.692 | 5.352 | 0.979 | 10.4 | 5.441 | 0.8 | 5.385 | -1.090 | -11.4 | 5.494 |
| 249016.2 | 843494.3 | 94.7 | 41.040 | 14.286 | 19.2 | 43.456 | 2.8 | 34.581 | 5.368 | 0.983 | 10.4 | 5.457 | 0.8 | 5.203 | -1.046 | -11.4 | 5.307 |
| 249015.7 | 843493.5 | 94.7 | 40.883 | 14.228 | 19.2 | 43.288 | 2.8 | 34.448 | 5.384 | 0.987 | 10.4 | 5.474 | 0.8 | 4.987 | -0.997 | -11.3 | 5.085 |
| 249015.1 | 843492.7 | 94.7 | 40.715 | 14.168 | 19.2 | 43.110 | 2.8 | 34.306 | 5.402 | 0.991 | 10.4 | 5.492 | 0.8 | 4.753 | -0.947 | -11.3 | 4.846 |
| 249014.5 | 843491.9 | 94.8 | 40.604 | 14.121 | 19.2 | 42.989 | 2.8 | 34.210 | 5.423 | 0.995 | 10.4 | 5.514 | 0.8 | 4.570 | -0.908 | -11.2 | 4.660 |
| 249013.9 | 843491.1 | 94.9 | 40.881 | 14.159 | 19.1 | 43.264 | 2.8 | 34.428 | 5.454 | 0.999 | 10.4 | 5.545 | 0.9 | 4.784 | -0.944 | -11.2 | 4.876 |
| 249013.3 | 843490.3 | 95.0 | 41.133 | 14.191 | 19.0 | 43.512 | 2.8 | 34.626 | 5.486 | 1.004 | 10.4 | 5.577 | 0.9 | 4.964 | -0.975 | -11.1 | 5.059 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249012.7 | 843489.5 | 95.1 | 41.385 | 14.222 | 19.0 | 43.760 | 2.8 | 34.823 | 5.519 | 1.008 | 10.3 | 5.610 | 1.0 | 5.137 | -1.007 | -11.1 | 5.235 |
| 249012.2 | 843488.6 | 95.2 | 41.479 | 14.220 | 18.9 | 43.849 | 2.8 | 34.894 | 5.549 | 1.011 | 10.3 | 5.641 | 1.0 | 5.145 | -1.011 | -11.1 | 5.244 |
| 249011.6 | 843487.8 | 95.2 | 41.415 | 14.184 | 18.9 | 43.777 | 2.8 | 34.837 | 5.577 | 1.015 | 10.3 | 5.668 | 1.0 | 4.987 | -0.985 | -11.2 | 5.083 |
| 249011.0 | 843487.0 | 95.4 | 41.769 | 14.238 | 18.8 | 44.129 | 2.8 | 35.117 | 5.615 | 1.018 | 10.3 | 5.707 | 1.1 | 5.248 | -1.039 | -11.2 | 5.350 |
| 249010.4 | 843486.2 | 95.4 | 41.796 | 14.222 | 18.8 | 44.149 | 2.8 | 35.133 | 5.647 | 1.022 | 10.3 | 5.739 | 1.1 | 5.175 | -1.033 | -11.3 | 5.277 |
| 249009.8 | 843485.4 | 95.5 | 41.601 | 14.159 | 18.8 | 43.945 | 2.8 | 34.970 | 5.675 | 1.025 | 10.2 | 5.766 | 1.1 | 4.871 | -0.987 | -11.5 | 4.970 |
| 249009.2 | 843484.6 | 95.4 | 41.144 | 14.041 | 18.8 | 43.474 | 2.9 | 34.595 | 5.698 | 1.027 | 10.2 | 5.790 | 1.0 | 4.288 | -0.893 | -11.8 | 4.380 |
| 249008.7 | 843483.8 | 95.7 | 41.988 | 14.198 | 18.7 | 44.323 | 2.8 | 35.271 | 5.748 | 1.030 | 10.2 | 5.840 | 1.1 | 5.054 | -1.045 | -11.7 | 5.160 |
| 249008.1 | 843483.0 | 95.9 | 42.763 | 14.338 | 18.5 | 45.103 | 2.7 | 35.892 | 5.797 | 1.033 | 10.1 | 5.889 | 1.3 | 5.734 | -1.181 | -11.6 | 5.854 |
| 249007.5 | 843482.1 | 96.0 | 43.310 | 14.429 | 18.4 | 45.650 | 2.7 | 36.328 | 5.841 | 1.036 | 10.1 | 5.932 | 1.3 | 6.181 | -1.276 | -11.7 | 6.311 |
| 249006.9 | 843481.3 | 96.2 | 43.864 | 14.521 | 18.3 | 46.205 | 2.7 | 36.769 | 5.884 | 1.038 | 10.0 | 5.975 | 1.4 | 6.635 | -1.372 | -11.7 | 6.776 |
| 249006.3 | 843480.5 | 96.3 | 44.068 | 14.541 | 18.3 | 46.405 | 2.7 | 36.928 | 5.914 | 1.040 | 10.0 | 6.005 | 1.4 | 6.756 | -1.408 | -11.8 | 6.901 |
| 249005.7 | 843479.7 | 96.3 | 43.873 | 14.481 | 18.3 | 46.201 | 2.7 | 36.766 | 5.931 | 1.041 | 10.0 | 6.022 | 1.4 | 6.501 | -1.378 | -12.0 | 6.646 |
| 249005.2 | 843478.9 | 96.4 | 43.791 | 14.444 | 18.3 | 46.112 | 2.7 | 36.695 | 5.949 | 1.042 | 9.9 | 6.039 | 1.3 | 6.368 | -1.369 | -12.1 | 6.513 |
| 249004.6 | 843478.1 | 96.5 | 44.115 | 14.489 | 18.2 | 46.434 | 2.7 | 36.951 | 5.974 | 1.043 | 9.9 | 6.064 | 1.4 | 6.646 | -1.433 | -12.2 | 6.799 |
| 249004.0 | 843477.3 | 96.7 | 44.440 | 14.534 | 18.1 | 46.756 | 2.7 | 37.207 | 5.995 | 1.044 | 9.9 | 6.085 | 1.4 | 6.940 | -1.499 | -12.2 | 7.100 |
| 249003.4 | 843476.5 | 96.8 | 44.762 | 14.578 | 18.0 | 47.076 | 2.7 | 37.462 | 6.012 | 1.044 | 9.9 | 6.102 | 1.5 | 7.247 | -1.566 | -12.2 | 7.414 |
| 249002.8 | 843475.6 | 96.9 | 44.919 | 14.589 | 18.0 | 47.228 | 2.7 | 37.583 | 6.021 | 1.044 | 9.8 | 6.111 | 1.5 | 7.414 | -1.607 | -12.2 | 7.586 |
| 249002.2 | 843474.8 | 97.0 | 45.052 | 14.595 | 18.0 | 47.357 | 2.7 | 37.685 | 6.025 | 1.044 | 9.8 | 6.114 | 1.5 | 7.579 | -1.646 | -12.3 | 7.755 |
| 249001.7 | 843474.0 | 97.0 | 45.016 | 14.570 | 17.9 | 47.315 | 2.7 | 37.652 | 6.019 | 1.043 | 9.8 | 6.108 | 1.5 | 7.605 | -1.661 | -12.3 | 7.784 |
| 249001.1 | 843473.2 | 97.1 | 44.763 | 14.501 | 18.0 | 47.053 | 2.8 | 37.444 | 6.002 | 1.042 | 9.8 | 6.092 | 1.4 | 7.444 | -1.642 | -12.4 | 7.623 |
| 249000.5 | 843472.4 | 97.1 | 44.506 | 14.432 | 18.0 | 46.787 | 2.8 | 37.232 | 5.982 | 1.040 | 9.9 | 6.071 | 1.4 | 7.299 | -1.624 | -12.5 | 7.478 |
| 248999.9 | 843471.6 | 97.2 | 44.245 | 14.363 | 18.0 | 46.518 | 2.9 | 37.018 | 5.958 | 1.038 | 9.9 | 6.048 | 1.3 | 7.171 | -1.609 | -12.6 | 7.349 |
| 248999.3 | 843470.8 | 97.2 | 44.109 | 14.319 | 18.0 | 46.375 | 2.9 | 36.904 | 5.935 | 1.036 | 9.9 | 6.025 | 1.3 | 7.180 | -1.616 | -12.7 | 7.360 |
| 248998.7 | 843470.0 | 97.3 | 44.175 | 14.314 | 18.0 | 46.436 | 2.9 | 36.952 | 5.915 | 1.034 | 9.9 | 6.005 | 1.4 | 7.401 | -1.660 | -12.6 | 7.585 |
| 248998.2 | 843469.1 | 97.3 | 43.898 | 14.242 | 18.0 | 46.150 | 2.9 | 36.725 | 5.883 | 1.031 | 9.9 | 5.972 | 1.3 | 7.310 | -1.649 | -12.7 | 7.493 |
| 248997.6 | 843468.3 | 97.3 | 43.212 | 14.089 | 18.1 | 45.451 | 3.0 | 36.169 | 5.836 | 1.027 | 10.0 | 5.925 | 1.2 | 6.835 | -1.569 | -12.9 | 7.012 |
| 248997.0 | 843467.5 | 97.3 | 42.846 | 14.000 | 18.1 | 45.076 | 3.0 | 35.870 | 5.796 | 1.023 | 10.0 | 5.886 | 1.2 | 6.684 | -1.546 | -13.0 | 6.861 |
| 248996.4 | 843466.7 | 97.4 | 42.944 | 14.003 | 18.1 | 45.169 | 3.1 | 35.944 | 5.768 | 1.020 | 10.0 | 5.857 | 1.2 | 7.003 | -1.604 | -12.9 | 7.185 |
| 248995.8 | 843465.9 | 97.4 | 42.476 | 13.893 | 18.1 | 44.690 | 3.1 | 35.563 | 5.720 | 1.016 | 10.1 | 5.810 | 1.2 | 6.778 | -1.566 | -13.0 | 6.957 |
| 248995.2 | 843465.1 | 97.6 | 42.621 | 13.907 | 18.1 | 44.832 | 3.1 | 35.677 | 5.690 | 1.012 | 10.1 | 5.779 | 1.3 | 7.169 | -1.635 | -12.9 | 7.353 |
| 248994.7 | 843464.3 | 97.7 | 42.732 | 13.913 | 18.0 | 44.939 | 3.1 | 35.762 | 5.657 | 1.008 | 10.1 | 5.746 | 1.3 | 7.530 | -1.699 | -12.7 | 7.720 |
| 248994.1 | 843463.5 | 97.7 | 42.286 | 13.809 | 18.1 | 44.483 | 3.2 | 35.399 | 5.606 | 1.004 | 10.2 | 5.695 | 1.3 | 7.358 | -1.668 | -12.8 | 7.545 |
| 248993.5 | 843462.6 | 97.6 | 41.523 | 13.640 | 18.2 | 43.706 | 3.2 | 34.780 | 5.544 | 0.999 | 10.2 | 5.633 | 1.2 | 6.876 | -1.580 | -12.9 | 7.055 |
| 248992.9 | 843461.8 | 97.6 | 40.865 | 13.491 | 18.3 | 43.035 | 3.3 | 34.246 | 5.486 | 0.994 | 10.3 | 5.575 | 1.1 | 6.491 | -1.510 | -13.1 | 6.665 |
| 248992.3 | 843461.0 | 97.6 | 40.568 | 13.416 | 18.3 | 42.729 | 3.3 | 34.002 | 5.439 | 0.990 | 10.3 | 5.529 | 1.1 | 6.468 | -1.503 | -13.1 | 6.640 |
| 248991.7 | 843460.2 | 97.7 | 40.269 | 13.340 | 18.3 | 42.422 | 3.3 | 33.758 | 5.394 | 0.985 | 10.3 | 5.483 | 1.1 | 6.440 | -1.495 | -13.1 | 6.612 |
| 248991.2 | 843459.4 | 97.7 | 40.087 | 13.288 | 18.3 | 42.232 | 3.3 | 33.607 | 5.353 | 0.981 | 10.4 | 5.442 | 1.2 | 6.526 | -1.508 | -13.0 | 6.698 |
| 248990.6 | 843458.6 | 97.8 | 40.017 | 13.260 | 18.3 | 42.157 | 3.4 | 33.548 | 5.318 | 0.977 | 10.4 | 5.407 | 1.2 | 6.720 | -1.541 | -12.9 | 6.894 |
| 248990.0 | 843457.8 | 97.8 | 39.560 | 13.152 | 18.4 | 41.689 | 3.4 | 33.175 | 5.272 | 0.972 | 10.5 | 5.360 | 1.2 | 6.512 | -1.501 | -13.0 | 6.683 |
| 248989.4 | 843457.0 | 97.8 | 39.245 | 13.073 | 18.4 | 41.365 | 3.4 | 32.918 | 5.232 | 0.968 | 10.5 | 5.321 | 1.2 | 6.438 | -1.485 | -13.0 | 6.607 |
| 248988.8 | 843456.1 | 97.9 | 39.013 | 13.012 | 18.4 | 41.126 | 3.4 | 32.727 | 5.197 | 0.965 | 10.5 | 5.286 | 1.2 | 6.436 | -1.483 | -13.0 | 6.605 |
| 248988.2 | 843455.3 | 97.9 | 38.715 | 12.936 | 18.5 | 40.819 | 3.5 | 32.483 | 5.162 | 0.961 | 10.5 | 5.251 | 1.2 | 6.353 | -1.466 | -13.0 | 6.519 |
| 248987.7 | 843454.5 | 97.9 | 38.317 | 12.840 | 18.5 | 40.411 | 3.5 | 32.158 | 5.127 | 0.958 | 10.6 | 5.216 | 1.2 | 6.149 | -1.427 | -13.1 | 6.313 |
| 248987.1 | 843453.7 | 98.0 | 37.891 | 12.737 | 18.6 | 39.974 | 3.5 | 31.810 | 5.095 | 0.955 | 10.6 | 5.184 | 1.1 | 5.897 | -1.380 | -13.2 | 6.056 |
| 248986.5 | 843452.9 | 98.0 | 37.463 | 12.633 | 18.6 | 39.536 | 3.6 | 31.462 | 5.066 | 0.952 | 10.6 | 5.155 | 1.1 | 5.621 | -1.330 | -13.3 | 5.776 |
| 248985.9 | 843452.1 | 98.0 | 37.156 | 12.555 | 18.7 | 39.220 | 3.6 | 31.211 | 5.045 | 0.950 | 10.7 | 5.133 | 1.1 | 5.450 | -1.299 | -13.4 | 5.603 |
| 248985.3 | 843451.3 | 98.1 | 37.102 | 12.532 | 18.7 | 39.162 | 3.6 | 31.164 | 5.035 | 0.948 | 10.7 | 5.124 | 1.1 | 5.526 | -1.317 | -13.4 | 5.680 |
| 248984.7 | 843450.5 | 98.2 | 37.331 | 12.570 | 18.6 | 39.390 | 3.6 | 31.346 | 5.039 | 0.947 | 10.6 | 5.127 | 1.2 | 5.877 | -1.388 | -13.3 | 6.039 |
| 248984.2 | 843449.7 | 98.4 | 37.491 | 12.593 | 18.6 | 39.549 | 3.6 | 31.472 | 5.044 | 0.946 | 10.6 | 5.132 | 1.3 | 6.132 | -1.442 | -13.2 | 6.299 |
| 248983.6 | 843448.8 | 98.4 | 37.179 | 12.515 | 18.6 | 39.229 | 3.6 | 31.217 | 5.037 | 0.945 | 10.6 | 5.125 | 1.2 | 5.872 | -1.401 | -13.4 | 6.037 |
| 248983.0 | 843448.0 | 98.5 | 36.912 | 12.446 | 18.6 | 38.953 | 3.6 | 30.998 | 5.035 | 0.945 | 10.6 | 5.123 | 1.2 | 5.636 | -1.366 | -13.6 | 5.799 |
| 248982.4 | 843447.2 | 98.6 | 37.031 | 12.462 | 18.6 | 39.071 | 3.6 | 31.092 | 5.048 | 0.945 | 10.6 | 5.136 | 1.3 | 5.787 | -1.406 | -13.7 | 5.955 |
| 248981.8 | 843446.4 | 98.8 | 37.570 | 12.567 | 18.5 | 39.616 | 3.6 | 31.525 | 5.078 | 0.946 | 10.5 | 5.166 | 1.4 | 6.357 | -1.525 | -13.5 | 6.537 |
| 248981.2 | 843445.6 | 99.0 | 37.988 | 12.645 | 18.4 | 40.038 | 3.6 | 31.861 | 5.107 | 0.947 | 10.5 | 5.194 | 1.5 | 6.774 | -1.617 | -13.4 | 6.965 |
| 248980.7 | 843444.8 | 99.2 | 38.404 | 12.722 | 18.3 | 40.456 | 3.6 | 32.194 | 5.139 | 0.948 | 10.5 | 5.226 | 1.6 | 7.167 | -1.705 | -13.4 | 7.367 |
| 248980.1 | 843444.0 | 99.3 | 38.514 | 12.735 | 18.3 | 40.565 | 3.6 | 32.280 | 5.161 | 0.949 | 10.4 | 5.248 | 1.6 | 7.235 | -1.735 | -13.5 | 7.440 |
| 248979.5 | 843443.2 | 99.3 | 38.134 | 12.645 | 18.3 | 40.176 | 3.7 | 31.971 | 5.167 | 0.949 | 10.4 | 5.254 | 1.5 | 6.795 | -1.671 | -13.8 | 6.997 |
| 248978.9 | 843442.3 | 99.4 | 37.968 | 12.601 | 18.4 | 40.005 | 3.7 | 31.835 | 5.184 | 0.950 | 10.4 | 5.270 | 1.5 | 6.558 | -1.646 | -14.1 | 6.761 |
| 248978.3 | 843441.5 | 99.6 | 38.398 | 12.682 | 18.3 | 40.438 | 3.7 | 32.180 | 5.221 | 0.951 | 10.3 | 5.307 | 1.5 | 6.921 | -1.734 | -14.1 | 7.135 |
| 248977.7 | 843440.7 | 99.7 | 38.405 | 12.674 | 18.3 | 40.443 | 3.7 | 32.183 | 5.244 | 0.952 | 10.3 | 5.330 | 1.5 | 6.847 | -1.743 | -14.3 | 7.065 |
| 248977.2 | 843439.9 | 99.8 | 38.471 | 12.678 | 18.2 | 40.506 | 3.7 | 32.234 | 5.268 | 0.952 | 10.2 | 5.354 | 1.5 | 6.829 | -1.762 | -14.5 | 7.053 |
| 248976.6 | 843439.1 | 100.0 | 38.701 | 12.717 | 18.2 | 40.737 | 3.7 | 32.417 | 5.297 | 0.953 | 10.2 | 5.382 | 1.5 | 6.981 | -1.813 | -14.6 | 7.212 |
| 248976.0 | 843438.3 | 100.3 | 39.462 | 12.866 | 18.1 | 41.507 | 3.7 | 33.030 | 5.340 | 0.954 | 10.1 | 5.425 | 1.6 | 7.669 | -1.961 | -14.3 | 7.916 |
| 248975.4 | 843437.5 | 100.5 | 40.086 | 12.984 | 17.9 | 42.136 | 3.7 | 33.531 | 5.377 | 0.954 | 10.1 | 5.461 | 1.7 | 8.216 | -2.082 | -14.2 | 8.476 |
| 248974.8 | 843436.7 | 100.6 | 39.925 | 12.943 | 18.0 | 41.971 | 3.7 | 33.399 | 5.382 | 0.954 | 10.0 | 5.466 | 1.6 | 8.007 | -2.064 | -14.5 | 8.269 |
| 248974.2 | 843435.8 | 100.7 | 40.204 | 12.991 | 17.9 | 42.251 | 3.8 | 33.622 | 5.398 | 0.953 | 10.0 | 5.481 | 1.6 | 8.242 | -2.126 | -14.5 | 8.512 |
| 248973.7 | 843435.0 | 100.9 | 40.302 | 13.003 | 17.9 | 42.348 | 3.8 | 33.699 | 5.402 | 0.953 | 10.0 | 5.486 | 1.6 | 8.319 | -2.156 | -14.5 | 8.594 |
| 248973.1 | 843434.2 | 101.0 | 40.396 | 13.013 | 17.9 | 42.441 | 3.8 | 33.773 | 5.402 | 0.952 | 10.0 | 5.485 | 1.6 | 8.410 | -2.188 | -14.6 | 8.690 |
| 248972.5 | 843433.4 | 101.2 | 40.908 | 13.108 | 17.8 | 42.957 | 3.8 | 34.184 | 5.411 | 0.952 | 10.0 | 5.494 | 1.7 | 8.923 | -2.292 | -14.4 | 9.213 |
| 248971.9 | 843432.6 | 101.4 | 41.295 | 13.178 | 17.7 | 43.346 | 3.8 | 34.494 | 5.413 | 0.951 | 10.0 | 5.496 | 1.8 | 9.331 | -2.376 | -14.3 | 9.629 |
| 248971.3 | 843431.8 | 101.4 | 40.608 | 13.033 | 17.8 | 42.649 | 3.8 | 33.939 | 5.370 | 0.948 | 10.0 | 5.453 | 1.6 | 8.742 | -2.281 | -14.6 | 9.035 |
| 248970.7 | 843431.0 | 101.4 | 40.122 | 12.927 | 17.9 | 42.153 | 3.9 | 33.545 | 5.332 | 0.946 | 10.1 | 5.415 | 1.5 | 8.355 | -2.220 | -14.9 | 8.645 |
| 248970.2 | 843430.2 | 101.5 | 39.710 | 12.835 | 17.9 | 41.733 | 3.9 | 33.210 | 5.294 | 0.943 | 10.1 | 5.377 | 1.4 | 8.055 | -2.173 | -15.1 | 8.343 |
| 248969.6 | 843429.3 | 101.5 | 39.264 | 12.736 | 18.0 | 41.278 | 3.9 | 32.848 | 5.253 | 0.940 | 10.1 | 5.336 | 1.4 | 7.736 | -2.122 | -15.3 | 8.021 |
| 248969.0 | 843428.5 | 101.6 | 39.097 | 12.695 | 18.0 | 41.107 | 3.9 | 32.712 | 5.219 | 0.936 | 10.2 | 5.303 | 1.4 | 7.710 | -2.122 | -15.4 | 7.996 |
| 248968.4 | 843427.7 | 101.7 | 38.890 | 12.645 | 18.0 | 40.894 | 3.9 | 32.543 | 5.183 | 0.933 | 10.2 | 5.266 | 1.4 | 7.659 | -2.118 | -15.5 | 7.946 |
| 248967.8 | 843426.9 | 101.8 | 38.650 | 12.588 | 18.0 | 40.648 | 3.9 | 32.347 | 5.144 | 0.928 | 10.2 | 5.227 | 1.3 | 7.590 | -2.110 | -15.5 | 7.877 |
| 248967.2 | 843426.1 | 101.9 | 38.784 | 12.610 | 18.0 | 40.783 | 3.9 | 32.454 | 5.116 | 0.925 | 10.2 | 5.199 | 1.4 | 7.910 | -2.171 | -15.4 | 8.202 |
| 248966.7 | 843425.3 | 102.0 | 38.770 | 12.600 | 18.0 | 40.766 | 3.9 | 32.441 | 5.083 | 0.920 | 10.3 | 5.165 | 1.5 | 8.093 | -2.208 | -15.3 | 8.389 |
| 248966.1 | 843424.5 | 102.1 | 38.248 | 12.485 | 18.1 | 40.234 | 3.9 | 32.017 | 5.030 | 0.915 | 10.3 | 5.112 | 1.4 | 7.782 | -2.156 | -15.5 | 8.075 |
| 248965.5 | 843423.7 | 102.1 | 38.061 | 12.465 | 18.1 | 40.050 | 3.9 | 31.871 | 4.994 | 0.913 | 10.4 | 5.076 | 1.4 | 7.619 | -2.106 | -15.5 | 7.904 |
| 248964.9 | 843422.8 | 102.2 | 37.531 | 12.347 | 18.2 | 39.509 | 3.9 | 31.441 | 4.939 | 0.908 | 10.4 | 5.021 | 1.3 | 7.315 | -2.053 | -15.7 | 7.597 |
| 248964.3 | 843422.0 | 102.2 | 37.183 | 12.267 | 18.3 | 39.155 | 3.9 | 31.158 | 4.889 | 0.902 | 10.5 | 4.971 | 1.3 | 7.205 | -2.036 | -15.8 | 7.487 |
| 248963.7 | 843421.2 | 102.3 | 36.953 | 12.213 | 18.3 | 38.919 | 3.9 | 30.971 | 4.842 | 0.896 | 10.5 | 4.925 | 1.3 | 7.223 | -2.041 | -15.8 | 7.506 |
| 248963.2 | 843420.4 | 102.4 | 36.839 | 12.183 | 18.3 | 38.801 | 3.9 | 30.877 | 4.800 | 0.891 | 10.5 | 4.881 | 1.4 | 7.368 | -2.070 | -15.7 | 7.653 |
| 248962.6 | 843419.6 | 102.6 | 37.130 | 12.240 | 18.2 | 39.095 | 3.9 | 31.111 | 4.771 | 0.886 | 10.5 | 4.853 | 1.5 | 7.930 | -2.177 | -15.3 | 8.224 |

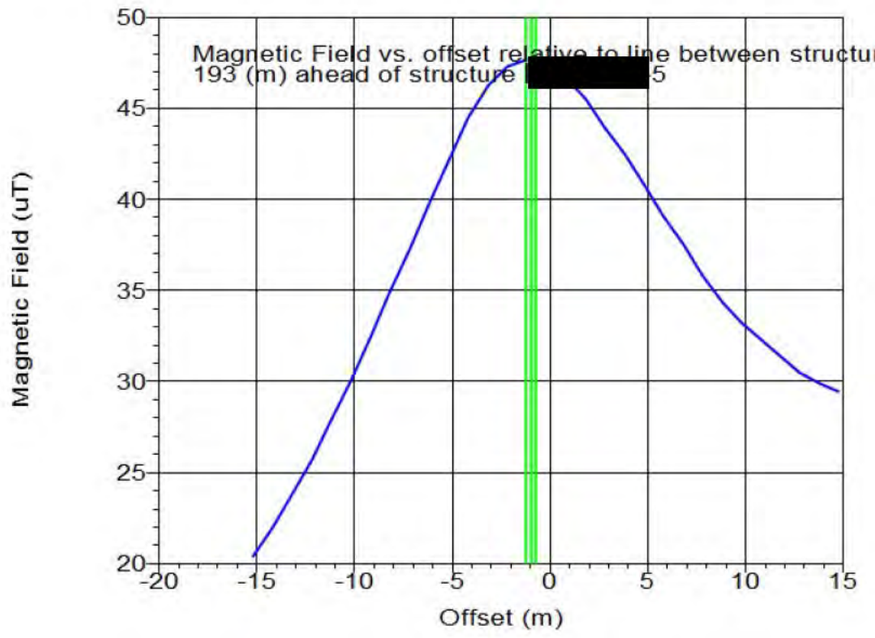
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248962.0 | 843418.8 | 102.6 | 36.786 | 12.161 | 18.3 | 38.744 | 3.9 | 30.831 | 4.720 | 0.880 | 10.6 | 4.802 | 1.5 | 7.853 | -2.165 | -15.4 | 8.146 |
| 248961.4 | 843418.0 | 102.7 | 36.291 | 12.049 | 18.4 | 38.239 | 3.9 | 30.430 | 4.664 | 0.873 | 10.6 | 4.745 | 1.5 | 7.627 | -2.125 | -15.6 | 7.917 |
| 248960.8 | 843417.2 | 102.7 | 35.805 | 11.938 | 18.4 | 37.743 | 3.9 | 30.035 | 4.608 | 0.866 | 10.6 | 4.689 | 1.4 | 7.409 | -2.087 | -15.7 | 7.697 |
| 248960.2 | 843416.3 | 102.8 | 35.545 | 11.877 | 18.5 | 37.477 | 3.9 | 29.823 | 4.561 | 0.860 | 10.7 | 4.641 | 1.4 | 7.426 | -2.093 | -15.7 | 7.715 |
| 248959.7 | 843415.5 | 102.8 | 35.272 | 11.812 | 18.5 | 37.197 | 3.9 | 29.600 | 4.513 | 0.853 | 10.7 | 4.593 | 1.4 | 7.432 | -2.096 | -15.8 | 7.722 |
| 248959.1 | 843414.7 | 102.8 | 34.684 | 11.676 | 18.6 | 36.596 | 3.9 | 29.123 | 4.454 | 0.846 | 10.8 | 4.533 | 1.4 | 7.109 | -2.038 | -16.0 | 7.395 |
| 248958.5 | 843413.9 | 102.9 | 34.367 | 11.601 | 18.7 | 36.272 | 3.9 | 28.865 | 4.404 | 0.840 | 10.8 | 4.484 | 1.4 | 7.070 | -2.033 | -16.0 | 7.356 |
| 248957.9 | 843413.1 | 103.0 | 34.263 | 11.573 | 18.7 | 36.165 | 3.9 | 28.779 | 4.363 | 0.834 | 10.8 | 4.442 | 1.4 | 7.256 | -2.070 | -15.9 | 7.546 |
| 248957.3 | 843412.3 | 103.1 | 33.905 | 11.488 | 18.7 | 35.799 | 3.9 | 28.488 | 4.313 | 0.827 | 10.9 | 4.391 | 1.4 | 7.173 | -2.057 | -16.0 | 7.462 |
| 248956.7 | 843411.5 | 103.1 | 33.534 | 11.399 | 18.8 | 35.418 | 3.9 | 28.185 | 4.263 | 0.820 | 10.9 | 4.341 | 1.4 | 7.073 | -2.040 | -16.1 | 7.361 |
| 248956.2 | 843410.7 | 103.2 | 33.166 | 11.311 | 18.8 | 35.042 | 3.9 | 27.885 | 4.214 | 0.814 | 10.9 | 4.292 | 1.4 | 6.972 | -2.023 | -16.2 | 7.260 |
| 248955.6 | 843409.9 | 103.2 | 32.802 | 11.223 | 18.9 | 34.669 | 3.8 | 27.589 | 4.166 | 0.807 | 11.0 | 4.243 | 1.4 | 6.871 | -2.007 | -16.3 | 7.158 |
| 248955.0 | 843409.0 | 103.3 | 32.428 | 11.132 | 18.9 | 34.286 | 3.8 | 27.284 | 4.119 | 0.800 | 11.0 | 4.196 | 1.4 | 6.754 | -1.988 | -16.4 | 7.040 |
| 248954.4 | 843408.2 | 103.3 | 32.108 | 11.054 | 19.0 | 33.958 | 3.8 | 27.023 | 4.075 | 0.794 | 11.0 | 4.152 | 1.4 | 6.689 | -1.979 | -16.5 | 6.975 |
| 248953.8 | 843407.4 | 103.4 | 31.724 | 10.960 | 19.1 | 33.564 | 3.8 | 26.710 | 4.031 | 0.787 | 11.1 | 4.107 | 1.4 | 6.546 | -1.956 | -16.6 | 6.832 |
| 248953.2 | 843406.6 | 103.4 | 31.316 | 10.859 | 19.1 | 33.145 | 3.8 | 26.376 | 3.987 | 0.781 | 11.1 | 4.063 | 1.3 | 6.369 | -1.926 | -16.8 | 6.653 |
| 248952.7 | 843405.8 | 103.4 | 30.913 | 10.760 | 19.2 | 32.732 | 3.7 | 26.048 | 3.944 | 0.774 | 11.1 | 4.020 | 1.3 | 6.188 | -1.897 | -17.0 | 6.472 |
| 248952.1 | 843405.0 | 103.4 | 30.419 | 10.637 | 19.3 | 32.226 | 3.7 | 25.644 | 3.901 | 0.767 | 11.1 | 3.975 | 1.2 | 5.895 | -1.845 | -17.4 | 6.177 |
| 248951.5 | 843404.2 | 103.5 | 30.090 | 10.554 | 19.3 | 31.888 | 3.7 | 25.375 | 3.863 | 0.761 | 11.1 | 3.937 | 1.2 | 5.780 | -1.829 | -17.6 | 6.062 |
| 248950.9 | 843403.4 | 103.5 | 29.833 | 10.488 | 19.4 | 31.623 | 3.7 | 25.165 | 3.829 | 0.755 | 11.2 | 3.903 | 1.2 | 5.740 | -1.829 | -17.7 | 6.025 |
| 248950.3 | 843402.5 | 103.6 | 29.577 | 10.422 | 19.4 | 31.360 | 3.6 | 24.955 | 3.795 | 0.749 | 11.2 | 3.869 | 1.2 | 5.696 | -1.827 | -17.8 | 5.982 |
| 248949.7 | 843401.7 | 103.7 | 29.369 | 10.367 | 19.4 | 31.145 | 3.6 | 24.785 | 3.764 | 0.744 | 11.2 | 3.837 | 1.2 | 5.701 | -1.836 | -17.8 | 5.989 |
| 248949.2 | 843400.9 | 103.8 | 29.235 | 10.331 | 19.5 | 31.007 | 3.6 | 24.674 | 3.735 | 0.738 | 11.2 | 3.808 | 1.2 | 5.788 | -1.860 | -17.8 | 6.079 |
| 248948.6 | 843400.1 | 103.9 | 29.109 | 10.297 | 19.5 | 30.876 | 3.6 | 24.571 | 3.707 | 0.733 | 11.2 | 3.779 | 1.2 | 5.878 | -1.886 | -17.8 | 6.174 |
| 248948.0 | 843399.3 | 103.9 | 28.749 | 10.205 | 19.5 | 30.507 | 3.6 | 24.276 | 3.673 | 0.727 | 11.2 | 3.744 | 1.2 | 5.692 | -1.857 | -18.1 | 5.987 |
| 248947.4 | 843398.5 | 104.0 | 28.547 | 10.151 | 19.6 | 30.298 | 3.5 | 24.110 | 3.644 | 0.722 | 11.2 | 3.714 | 1.2 | 5.684 | -1.863 | -18.1 | 5.982 |
| 248946.8 | 843397.7 | 104.1 | 28.345 | 10.098 | 19.6 | 30.090 | 3.5 | 23.944 | 3.614 | 0.717 | 11.2 | 3.685 | 1.2 | 5.673 | -1.868 | -18.2 | 5.973 |
| 248946.2 | 843396.9 | 104.2 | 28.133 | 10.042 | 19.6 | 29.871 | 3.5 | 23.771 | 3.585 | 0.711 | 11.2 | 3.655 | 1.2 | 5.646 | -1.870 | -18.3 | 5.948 |
| 248945.7 | 843396.0 | 104.3 | 27.943 | 9.991 | 19.7 | 29.675 | 3.5 | 23.615 | 3.557 | 0.706 | 11.2 | 3.626 | 1.2 | 5.641 | -1.876 | -18.4 | 5.945 |
| 248945.1 | 843395.2 | 104.4 | 27.685 | 9.923 | 19.7 | 29.410 | 3.5 | 23.404 | 3.527 | 0.701 | 11.2 | 3.596 | 1.1 | 5.552 | -1.865 | -18.6 | 5.857 |
| 248944.5 | 843394.4 | 104.4 | 27.374 | 9.840 | 19.8 | 29.089 | 3.4 | 23.148 | 3.496 | 0.696 | 11.3 | 3.564 | 1.1 | 5.393 | -1.840 | -18.8 | 5.699 |
| 248943.9 | 843393.6 | 104.5 | 27.139 | 9.778 | 19.8 | 28.847 | 3.4 | 22.955 | 3.467 | 0.691 | 11.3 | 3.535 | 1.1 | 5.323 | -1.832 | -19.0 | 5.629 |
| 248943.3 | 843392.8 | 104.6 | 26.946 | 9.725 | 19.8 | 28.647 | 3.4 | 22.797 | 3.440 | 0.686 | 11.3 | 3.507 | 1.1 | 5.299 | -1.833 | -19.1 | 5.607 |
| 248942.7 | 843392.0 | 104.6 | 26.691 | 9.657 | 19.9 | 28.385 | 3.3 | 22.588 | 3.411 | 0.681 | 11.3 | 3.478 | 1.0 | 5.197 | -1.818 | -19.3 | 5.506 |
| 248942.2 | 843391.2 | 104.7 | 26.431 | 9.587 | 19.9 | 28.116 | 3.3 | 22.374 | 3.382 | 0.676 | 11.3 | 3.449 | 1.0 | 5.083 | -1.800 | -19.5 | 5.392 |
| 248941.6 | 843390.4 | 104.7 | 26.150 | 9.511 | 20.0 | 27.826 | 3.3 | 22.143 | 3.353 | 0.671 | 11.3 | 3.419 | 0.9 | 4.938 | -1.776 | -19.8 | 5.248 |
| 248941.0 | 843389.5 | 104.8 | 25.854 | 9.430 | 20.0 | 27.520 | 3.2 | 21.900 | 3.324 | 0.666 | 11.3 | 3.390 | 0.9 | 4.771 | -1.746 | -20.1 | 5.080 |
| 248940.4 | 843388.7 | 104.9 | 25.729 | 9.395 | 20.1 | 27.390 | 3.2 | 21.797 | 3.299 | 0.661 | 11.3 | 3.364 | 0.9 | 4.812 | -1.758 | -20.1 | 5.123 |
| 248939.8 | 843387.9 | 105.0 | 25.460 | 9.322 | 20.1 | 27.113 | 3.2 | 21.576 | 3.271 | 0.656 | 11.3 | 3.336 | 0.9 | 4.669 | -1.733 | -20.4 | 4.980 |
| 248939.2 | 843387.1 | 105.0 | 25.151 | 9.237 | 20.2 | 26.793 | 3.1 | 21.321 | 3.242 | 0.651 | 11.4 | 3.307 | 0.8 | 4.467 | -1.696 | -20.8 | 4.778 |
| 248938.7 | 843386.3 | 105.1 | 25.000 | 9.194 | 20.2 | 26.637 | 3.1 | 21.197 | 3.218 | 0.647 | 11.4 | 3.282 | 0.8 | 4.464 | -1.698 | -20.8 | 4.776 |
| 248938.1 | 843385.5 | 105.2 | 24.838 | 9.149 | 20.2 | 26.470 | 3.1 | 21.064 | 3.193 | 0.643 | 11.4 | 3.257 | 0.8 | 4.440 | -1.695 | -20.9 | 4.753 |
| 248937.5 | 843384.7 | 105.3 | 24.668 | 9.101 | 20.3 | 26.293 | 3.1 | 20.923 | 3.169 | 0.638 | 11.4 | 3.233 | 0.8 | 4.399 | -1.689 | -21.0 | 4.712 |
| 248936.9 | 843383.9 | 105.4 | 24.518 | 9.058 | 20.3 | 26.138 | 3.0 | 20.800 | 3.146 | 0.634 | 11.4 | 3.209 | 0.8 | 4.378 | -1.687 | -21.1 | 4.692 |
| 248936.3 | 843383.0 | 105.5 | 24.325 | 9.004 | 20.3 | 25.938 | 3.0 | 20.641 | 3.123 | 0.630 | 11.4 | 3.186 | 0.8 | 4.294 | -1.671 | -21.3 | 4.608 |
| 248935.7 | 843382.2 | 105.5 | 24.073 | 8.933 | 20.4 | 25.677 | 3.0 | 20.433 | 3.099 | 0.626 | 11.4 | 3.162 | 0.8 | 4.123 | -1.638 | -21.7 | 4.436 |
| 248935.2 | 843381.4 | 105.6 | 23.822 | 8.862 | 20.4 | 25.417 | 2.9 | 20.226 | 3.076 | 0.622 | 11.4 | 3.139 | 0.7 | 3.945 | -1.604 | -22.1 | 4.258 |
| 248934.6 | 843380.6 | 105.7 | 23.611 | 8.802 | 20.4 | 25.198 | 2.9 | 20.052 | 3.056 | 0.618 | 11.4 | 3.118 | 0.7 | 3.807 | -1.578 | -22.5 | 4.121 |
| 248934.0 | 843379.8 | 105.9 | 23.692 | 8.823 | 20.4 | 25.282 | 2.9 | 20.119 | 3.043 | 0.615 | 11.4 | 3.104 | 0.8 | 4.047 | -1.628 | -21.9 | 4.362 |
| 248933.4 | 843379.0 | 106.1 | 23.748 | 8.838 | 20.4 | 25.340 | 2.9 | 20.165 | 3.031 | 0.612 | 11.4 | 3.092 | 0.8 | 4.241 | -1.669 | -21.5 | 4.558 |
| 248932.8 | 843378.2 | 106.2 | 23.490 | 8.756 | 20.4 | 25.069 | 2.7 | 19.949 | 3.005 | 0.601 | 11.3 | 3.064 | 0.8 | 4.240 | -1.768 | -22.6 | 4.594 |
| 248932.2 | 843377.4 | 106.2 | 23.278 | 8.696 | 20.5 | 24.849 | 2.7 | 19.775 | 2.989 | 0.597 | 11.3 | 3.048 | 0.8 | 4.061 | -1.735 | -23.1 | 4.416 |
| 248931.7 | 843376.6 | 106.4 | 23.296 | 8.700 | 20.5 | 24.867 | 2.7 | 19.789 | 2.979 | 0.594 | 11.3 | 3.038 | 0.8 | 4.171 | -1.759 | -22.9 | 4.527 |
| 248931.1 | 843375.7 | 106.6 | 23.249 | 8.685 | 20.5 | 24.818 | 2.6 | 19.750 | 2.970 | 0.591 | 11.3 | 3.028 | 0.8 | 4.183 | -1.764 | -22.9 | 4.540 |
| 248930.5 | 843374.9 | 106.7 | 23.181 | 8.666 | 20.5 | 24.748 | 2.6 | 19.693 | 2.961 | 0.589 | 11.2 | 3.019 | 0.8 | 4.154 | -1.761 | -23.0 | 4.512 |
| 248929.9 | 843374.1 | 107.0 | 23.399 | 8.726 | 20.5 | 24.973 | 2.6 | 19.873 | 2.960 | 0.587 | 11.2 | 3.017 | 0.9 | 4.484 | -1.829 | -22.2 | 4.842 |
| 248929.3 | 843373.3 | 107.2 | 23.453 | 8.741 | 20.4 | 25.029 | 2.6 | 19.917 | 2.956 | 0.586 | 11.2 | 3.013 | 0.9 | 4.584 | -1.851 | -22.0 | 4.944 |
| 248928.7 | 843372.5 | 107.3 | 23.370 | 8.717 | 20.5 | 24.942 | 2.6 | 19.848 | 2.950 | 0.584 | 11.2 | 3.007 | 0.9 | 4.495 | -1.835 | -22.2 | 4.855 |
| 248928.2 | 843371.7 | 107.4 | 23.283 | 8.692 | 20.5 | 24.853 | 2.6 | 19.777 | 2.944 | 0.582 | 11.2 | 3.001 | 0.8 | 4.386 | -1.815 | -22.5 | 4.747 |
| 248927.6 | 843370.9 | 107.6 | 23.302 | 8.697 | 20.5 | 24.872 | 2.6 | 19.793 | 2.943 | 0.580 | 11.2 | 3.000 | 0.8 | 4.396 | -1.819 | -22.5 | 4.758 |
| 248927.0 | 843370.1 | 107.8 | 23.330 | 8.705 | 20.5 | 24.901 | 2.6 | 19.816 | 2.944 | 0.580 | 11.1 | 3.001 | 0.8 | 4.401 | -1.821 | -22.5 | 4.763 |
| 248926.4 | 843369.2 | 108.0 | 23.271 | 8.688 | 20.5 | 24.840 | 2.5 | 19.767 | 2.944 | 0.579 | 11.1 | 3.000 | 0.8 | 4.276 | -1.799 | -22.8 | 4.639 |
| 248925.8 | 843368.4 | 108.2 | 23.408 | 8.726 | 20.4 | 24.982 | 2.5 | 19.880 | 2.951 | 0.579 | 11.1 | 3.007 | 0.8 | 4.382 | -1.822 | -22.6 | 4.746 |
| 248925.2 | 843367.6 | 108.5 | 23.567 | 8.771 | 20.4 | 25.147 | 2.6 | 20.011 | 2.961 | 0.579 | 11.1 | 3.017 | 0.9 | 4.495 | -1.846 | -22.3 | 4.859 |
| 248924.7 | 843366.8 | 108.7 | 23.726 | 8.816 | 20.4 | 25.311 | 2.6 | 20.142 | 2.972 | 0.580 | 11.0 | 3.029 | 0.9 | 4.585 | -1.867 | -22.2 | 4.950 |
| 248924.1 | 843366.0 | 109.0 | 23.923 | 8.872 | 20.3 | 25.515 | 2.6 | 20.304 | 2.987 | 0.581 | 11.0 | 3.043 | 0.9 | 4.700 | -1.894 | -21.9 | 5.067 |
| 248923.5 | 843365.2 | 109.3 | 24.233 | 8.959 | 20.3 | 25.836 | 2.6 | 20.559 | 3.008 | 0.583 | 11.0 | 3.064 | 0.9 | 4.930 | -1.943 | -21.5 | 5.299 |
| 248922.9 | 843364.4 | 109.7 | 24.643 | 9.074 | 20.2 | 26.260 | 2.7 | 20.897 | 3.033 | 0.585 | 10.9 | 3.089 | 1.0 | 5.253 | -2.011 | -21.0 | 5.625 |
| 248922.3 | 843363.6 | 110.0 | 25.030 | 9.182 | 20.1 | 26.661 | 2.7 | 21.216 | 3.060 | 0.588 | 10.9 | 3.115 | 1.0 | 5.524 | -2.070 | -20.5 | 5.899 |
| 248921.7 | 843362.7 | 110.3 | 25.401 | 9.285 | 20.1 | 27.045 | 2.8 | 21.522 | 3.087 | 0.591 | 10.8 | 3.143 | 1.0 | 5.751 | -2.119 | -20.2 | 6.129 |
| 248921.2 | 843361.9 | 110.8 | 26.033 | 9.460 | 20.0 | 27.699 | 2.9 | 22.042 | 3.124 | 0.595 | 10.8 | 3.180 | 1.1 | 6.250 | -2.222 | -19.6 | 6.633 |
| 248920.6 | 843361.1 | 111.2 | 26.570 | 9.608 | 19.9 | 28.254 | 3.0 | 22.484 | 3.158 | 0.600 | 10.7 | 3.215 | 1.2 | 6.613 | -2.298 | -19.2 | 7.001 |
| 248920.0 | 843360.3 | 111.3 | 26.551 | 9.604 | 19.9 | 28.234 | 3.0 | 22.468 | 3.174 | 0.601 | 10.7 | 3.230 | 1.1 | 6.353 | -2.251 | -19.5 | 6.740 |
| 248919.4 | 843359.5 | 111.8 | 27.228 | 9.789 | 19.8 | 28.934 | 3.1 | 23.025 | 3.214 | 0.606 | 10.7 | 3.270 | 1.2 | 6.833 | -2.349 | -19.0 | 7.226 |
| 248918.8 | 843358.7 | 112.1 | 27.707 | 9.920 | 19.7 | 29.430 | 3.2 | 23.419 | 3.246 | 0.611 | 10.7 | 3.303 | 1.2 | 7.081 | -2.400 | -18.7 | 7.477 |
| 248918.2 | 843357.9 | 112.7 | 28.793 | 10.212 | 19.5 | 30.551 | 3.4 | 24.311 | 3.302 | 0.619 | 10.6 | 3.360 | 1.4 | 7.928 | -2.567 | -17.9 | 8.333 |
| 248917.7 | 843357.1 | 112.9 | 28.813 | 10.221 | 19.5 | 30.572 | 3.4 | 24.329 | 3.317 | 0.621 | 10.6 | 3.374 | 1.3 | 7.680 | -2.520 | -18.2 | 8.083 |
| 248917.1 | 843356.2 | 113.0 | 28.701 | 10.194 | 19.6 | 30.458 | 3.4 | 24.237 | 3.326 | 0.623 | 10.6 | 3.384 | 1.2 | 7.291 | -2.446 | -18.5 | 7.690 |
| 248916.5 | 843355.4 | 113.3 | 28.834 | 10.233 | 19.5 | 30.596 | 3.4 | 24.347 | 3.344 | 0.626 | 10.6 | 3.402 | 1.1 | 7.143 | -2.418 | -18.7 | 7.541 |
| 248915.9 | 843354.6 | 113.5 | 28.994 | 10.279 | 19.5 | 30.763 | 3.4 | 24.480 | 3.363 | 0.629 | 10.6 | 3.421 | 1.1 | 7.019 | -2.394 | -18.8 | 7.416 |
| 248915.3 | 843353.8 | 113.8 | 29.257 | 10.353 | 19.5 | 31.034 | 3.5 | 24.696 | 3.384 | 0.633 | 10.6 | 3.442 | 1.0 | 6.995 | -2.388 | -18.8 | 7.391 |
| 248914.7 | 843353.0 | 114.1 | 29.608 | 10.450 | 19.4 | 31.398 | 3.5 | 24.986 | 3.407 | 0.638 | 10.6 | 3.466 | 1.0 | 7.057 | -2.398 | -18.8 | 7.453 |
| 248914.2 | 843352.2 | 114.5 | 30.015 | 10.562 | 19.4 | 31.819 | 3.6 | 25.321 | 3.431 | 0.643 | 10.6 | 3.491 | 1.1 | 7.171 | -2.417 | -18.6 | 7.567 |
| 248913.6 | 843351.4 | 114.8 | 30.418 | 10.673 | 19.3 | 32.236 | 3.7 | 25.653 | 3.454 | 0.648 | 10.6 | 3.514 | 1.1 | 7.277 | -2.435 | -18.5 | 7.673 |
| 248913.0 | 843350.6 | 115.1 | 30.952 | 10.819 | 19.3 | 32.788 | 3.9 | 26.092 | 3.480 | 0.654 | 10.6 | 3.541 | 1.2 | 7.507 | -2.476 | -18.3 | 7.904 |
| 248912.4 | 843349.7 | 115.5 | 31.529 | 10.977 | 19.2 | 33.385 | 4.0 | 26.567 | 3.507 | 0.660 | 10.7 | 3.568 | 1.3 | 7.772 | -2.524 | -18.0 | 8.172 |
| 248911.8 | 843348.9 | 115.9 | 32.039 | 11.117 | 19.1 | 33.913 | 4.1 | 26.987 | 3.530 | 0.665 | 10.7 | 3.592 | 1.3 | 7.971 | -2.559 | -17.8 | 8.372 |

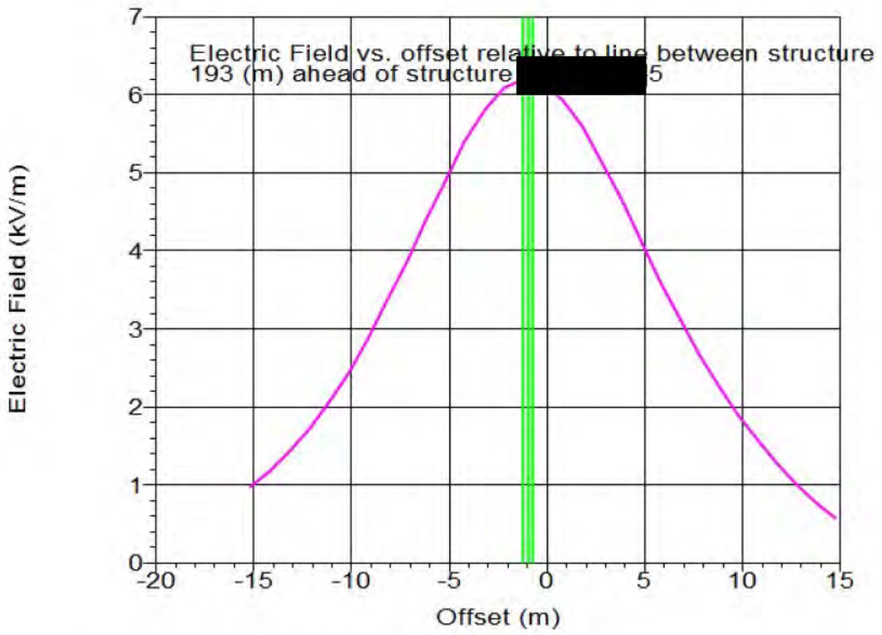
| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248911.2 | 843348.1 | 116.2 | 32.556 | 11.258 | 19.1 | 34.448 | 4.3 | 27.413 | 3.553 | 0.670 | 10.7 | 3.615 | 1.4 | 8.174 | -2.595 | -17.6 | 8.576 |
| 248910.7 | 843347.3 | 116.6 | 33.052 | 11.395 | 19.0 | 34.961 | 4.4 | 27.821 | 3.573 | 0.676 | 10.7 | 3.637 | 1.5 | 8.356 | -2.628 | -17.5 | 8.760 |
| 248910.1 | 843346.5 | 116.8 | 33.295 | 11.466 | 19.0 | 35.214 | 4.5 | 28.023 | 3.583 | 0.679 | 10.7 | 3.647 | 1.5 | 8.316 | -2.617 | -17.5 | 8.718 |
| 248909.5 | 843345.7 | 117.1 | 33.336 | 11.485 | 19.0 | 35.259 | 4.5 | 28.058 | 3.585 | 0.681 | 10.8 | 3.649 | 1.5 | 8.102 | -2.573 | -17.6 | 8.500 |
| 248908.9 | 843344.9 | 117.4 | 33.710 | 11.591 | 19.0 | 35.647 | 4.6 | 28.367 | 3.597 | 0.685 | 10.8 | 3.662 | 1.5 | 8.194 | -2.590 | -17.5 | 8.594 |
| 248908.3 | 843344.1 | 117.8 | 34.539 | 11.817 | 18.9 | 36.504 | 4.8 | 29.049 | 3.624 | 0.691 | 10.8 | 3.689 | 1.7 | 8.692 | -2.687 | -17.2 | 9.098 |
| 248907.7 | 843343.2 | 118.2 | 35.374 | 12.045 | 18.8 | 37.368 | 5.0 | 29.737 | 3.649 | 0.697 | 10.8 | 3.715 | 2.0 | 9.190 | -2.786 | -16.9 | 9.604 |
| 248907.2 | 843342.4 | 118.5 | 35.545 | 12.100 | 18.8 | 37.548 | 5.1 | 29.880 | 3.647 | 0.699 | 10.8 | 3.713 | 2.0 | 9.139 | -2.775 | -16.9 | 9.551 |
| 248906.6 | 843341.6 | 118.7 | 35.320 | 12.052 | 18.8 | 37.320 | 5.1 | 29.698 | 3.629 | 0.697 | 10.9 | 3.695 | 1.8 | 8.774 | -2.700 | -17.1 | 9.180 |
| 248906.0 | 843340.8 | 118.9 | 35.337 | 12.068 | 18.9 | 37.341 | 5.1 | 29.715 | 3.617 | 0.697 | 10.9 | 3.684 | 1.8 | 8.631 | -2.670 | -17.2 | 9.034 |
| 248905.4 | 843340.0 | 119.2 | 35.637 | 12.158 | 18.8 | 37.654 | 5.2 | 29.964 | 3.613 | 0.699 | 10.9 | 3.679 | 1.8 | 8.750 | -2.690 | -17.1 | 9.154 |
| 248904.8 | 843339.2 | 119.5 | 35.902 | 12.241 | 18.8 | 37.931 | 5.3 | 30.185 | 3.604 | 0.699 | 11.0 | 3.671 | 1.9 | 8.863 | -2.709 | -17.0 | 9.267 |
| 248904.2 | 843338.4 | 119.8 | 36.473 | 12.405 | 18.8 | 38.525 | 5.5 | 30.657 | 3.604 | 0.702 | 11.0 | 3.672 | 2.0 | 9.251 | -2.782 | -16.7 | 9.661 |
| 248903.7 | 843337.6 | 120.1 | 36.614 | 12.456 | 18.8 | 38.674 | 5.5 | 30.776 | 3.586 | 0.702 | 11.1 | 3.654 | 2.0 | 9.309 | -2.786 | -16.7 | 9.717 |
| 248903.1 | 843336.8 | 120.2 | 36.107 | 12.333 | 18.9 | 38.155 | 5.4 | 30.363 | 3.545 | 0.696 | 11.1 | 3.612 | 1.8 | 8.864 | -2.686 | -16.9 | 9.262 |
| 248902.5 | 843335.9 | 120.3 | 35.602 | 12.211 | 18.9 | 37.638 | 5.3 | 29.951 | 3.502 | 0.690 | 11.1 | 3.569 | 1.6 | 8.440 | -2.588 | -17.0 | 8.828 |
| 248901.9 | 843335.1 | 120.3 | 35.077 | 12.081 | 19.0 | 37.099 | 5.2 | 29.523 | 3.457 | 0.684 | 11.2 | 3.524 | 1.4 | 8.020 | -2.490 | -17.2 | 8.398 |
| 248901.3 | 843334.3 | 120.4 | 34.500 | 11.936 | 19.1 | 36.506 | 5.0 | 29.051 | 3.411 | 0.677 | 11.2 | 3.477 | 1.2 | 7.574 | -2.384 | -17.5 | 7.940 |
| 248900.7 | 843333.5 | 120.5 | 33.908 | 11.786 | 19.2 | 35.898 | 4.9 | 28.567 | 3.363 | 0.669 | 11.3 | 3.429 | 1.0 | 7.133 | -2.278 | -17.7 | 7.488 |
| 248900.2 | 843332.7 | 120.5 | 33.377 | 11.652 | 19.2 | 35.352 | 4.7 | 28.132 | 3.317 | 0.662 | 11.3 | 3.382 | 0.9 | 6.765 | -2.185 | -17.9 | 7.109 |
| 248899.6 | 843331.9 | 120.6 | 32.811 | 11.506 | 19.3 | 34.770 | 4.6 | 27.669 | 3.269 | 0.654 | 11.3 | 3.334 | 0.7 | 6.383 | -2.088 | -18.1 | 6.716 |
| 248899.0 | 843331.1 | 120.7 | 32.326 | 11.382 | 19.4 | 34.271 | 4.4 | 27.272 | 3.223 | 0.647 | 11.3 | 3.287 | 0.6 | 6.096 | -2.009 | -18.2 | 6.418 |
| 248898.4 | 843330.3 | 120.8 | 32.025 | 11.309 | 19.4 | 33.963 | 4.4 | 27.027 | 3.182 | 0.640 | 11.4 | 3.245 | 0.5 | 6.003 | -1.968 | -18.2 | 6.317 |
| 248897.8 | 843329.4 | 120.9 | 31.594 | 11.198 | 19.5 | 33.520 | 4.2 | 26.674 | 3.137 | 0.633 | 11.4 | 3.200 | 0.5 | 5.805 | -1.906 | -18.2 | 6.110 |
| 248897.2 | 843328.6 | 120.9 | 30.941 | 11.024 | 19.6 | 32.847 | 4.1 | 26.139 | 3.087 | 0.623 | 11.4 | 3.149 | 0.3 | 5.405 | -1.804 | -18.5 | 5.698 |
| 248896.7 | 843327.8 | 121.0 | 30.667 | 10.956 | 19.7 | 32.565 | 4.0 | 25.914 | 3.046 | 0.616 | 11.4 | 3.108 | 0.3 | 5.391 | -1.779 | -18.3 | 5.677 |
| 248896.1 | 843327.0 | 121.1 | 30.159 | 10.820 | 19.7 | 32.042 | 3.8 | 25.498 | 3.001 | 0.607 | 11.4 | 3.062 | 0.3 | 5.160 | -1.711 | -18.3 | 5.437 |
| 248895.5 | 843326.2 | 121.1 | 29.681 | 10.693 | 19.8 | 31.549 | 3.7 | 25.106 | 2.956 | 0.598 | 11.4 | 3.016 | 0.2 | 4.970 | -1.652 | -18.4 | 5.237 |
| 248894.9 | 843325.4 | 121.1 | 29.003 | 10.506 | 19.9 | 30.847 | 3.5 | 24.547 | 2.908 | 0.588 | 11.4 | 2.967 | 0.2 | 4.579 | -1.554 | -18.7 | 4.836 |
| 248894.3 | 843324.6 | 121.3 | 28.861 | 10.473 | 19.9 | 30.703 | 3.4 | 24.432 | 2.871 | 0.581 | 11.4 | 2.929 | 0.2 | 4.758 | -1.570 | -18.3 | 5.010 |
| 248893.7 | 843323.8 | 121.5 | 28.758 | 10.453 | 20.0 | 30.599 | 3.4 | 24.350 | 2.835 | 0.573 | 11.4 | 2.893 | 0.3 | 4.986 | -1.598 | -17.8 | 5.236 |
| 248893.2 | 843322.9 | 121.7 | 28.594 | 10.414 | 20.0 | 30.431 | 3.4 | 24.216 | 2.799 | 0.565 | 11.4 | 2.855 | 0.4 | 5.162 | -1.616 | -17.4 | 5.409 |
| 248892.6 | 843322.1 | 121.8 | 28.345 | 10.350 | 20.1 | 30.176 | 3.3 | 24.013 | 2.761 | 0.557 | 11.4 | 2.816 | 0.4 | 5.259 | -1.619 | -17.1 | 5.503 |
| 248892.0 | 843321.3 | 121.9 | 27.938 | 10.239 | 20.1 | 29.755 | 3.1 | 23.678 | 2.719 | 0.547 | 11.4 | 2.774 | 0.4 | 5.199 | -1.593 | -17.0 | 5.438 |
| 248891.4 | 843320.5 | 121.9 | 27.538 | 10.129 | 20.2 | 29.342 | 3.0 | 23.350 | 2.678 | 0.538 | 11.4 | 2.731 | 0.4 | 5.153 | -1.570 | -16.9 | 5.387 |
| 248890.8 | 843319.7 | 122.0 | 27.146 | 10.021 | 20.3 | 28.936 | 2.9 | 23.027 | 2.637 | 0.528 | 11.3 | 2.689 | 0.4 | 5.120 | -1.550 | -16.8 | 5.349 |
| 248890.2 | 843318.9 | 122.1 | 26.673 | 9.887 | 20.3 | 28.446 | 2.7 | 22.637 | 2.594 | 0.518 | 11.3 | 2.645 | 0.5 | 5.004 | -1.515 | -16.8 | 5.228 |
| 248889.7 | 843318.1 | 122.1 | 26.204 | 9.754 | 20.4 | 27.960 | 2.6 | 22.250 | 2.552 | 0.508 | 11.3 | 2.602 | 0.5 | 4.893 | -1.483 | -16.9 | 5.113 |
| 248889.1 | 843317.3 | 122.2 | 25.800 | 9.639 | 20.5 | 27.542 | 2.5 | 21.917 | 2.511 | 0.499 | 11.2 | 2.560 | 0.5 | 4.854 | -1.465 | -16.8 | 5.070 |
| 248888.5 | 843316.4 | 122.2 | 25.402 | 9.526 | 20.6 | 27.129 | 2.3 | 21.589 | 2.471 | 0.489 | 11.2 | 2.519 | 0.6 | 4.820 | -1.450 | -16.7 | 5.034 |
| 248887.9 | 843315.6 | 122.3 | 24.968 | 9.401 | 20.6 | 26.679 | 2.2 | 21.231 | 2.431 | 0.479 | 11.2 | 2.478 | 0.6 | 4.746 | -1.428 | -16.8 | 4.956 |
| 248887.3 | 843314.8 | 122.3 | 24.571 | 9.286 | 20.7 | 26.267 | 2.0 | 20.903 | 2.392 | 0.470 | 11.1 | 2.438 | 0.7 | 4.708 | -1.415 | -16.7 | 4.916 |
| 248886.7 | 843314.0 | 122.3 | 24.138 | 9.159 | 20.8 | 25.817 | 1.9 | 20.545 | 2.354 | 0.460 | 11.1 | 2.398 | 0.7 | 4.625 | -1.394 | -16.8 | 4.831 |
| 248886.2 | 843313.2 | 122.3 | 23.592 | 8.996 | 20.9 | 25.249 | 1.7 | 20.092 | 2.313 | 0.450 | 11.0 | 2.356 | 0.8 | 4.405 | -1.349 | -17.0 | 4.607 |
| 248885.6 | 843312.4 | 122.2 | 22.983 | 8.812 | 21.0 | 24.614 | 1.6 | 19.587 | 2.272 | 0.439 | 10.9 | 2.314 | 0.8 | 4.098 | -1.288 | -17.5 | 4.295 |
| 248885.0 | 843311.6 | 122.2 | 22.519 | 8.672 | 21.1 | 24.131 | 1.4 | 19.203 | 2.235 | 0.430 | 10.9 | 2.276 | 0.9 | 3.949 | -1.260 | -17.7 | 4.145 |
| 248884.4 | 843310.8 | 122.3 | 22.199 | 8.577 | 21.1 | 23.798 | 1.4 | 18.938 | 2.203 | 0.421 | 10.8 | 2.243 | 1.0 | 3.963 | -1.264 | -17.7 | 4.160 |
| 248883.8 | 843309.9 | 122.3 | 21.681 | 8.418 | 21.2 | 23.258 | 1.2 | 18.508 | 2.167 | 0.411 | 10.8 | 2.206 | 1.0 | 3.726 | -1.222 | -18.2 | 3.921 |
| 248883.2 | 843309.1 | 122.3 | 21.380 | 8.327 | 21.3 | 22.945 | 1.2 | 18.259 | 2.137 | 0.403 | 10.7 | 2.175 | 1.1 | 3.744 | -1.229 | -18.2 | 3.941 |
| 248882.7 | 843308.3 | 122.4 | 21.127 | 8.251 | 21.3 | 22.681 | 1.1 | 18.049 | 2.110 | 0.396 | 10.6 | 2.146 | 1.2 | 3.812 | -1.247 | -18.1 | 4.010 |
| 248882.1 | 843307.5 | 122.5 | 20.948 | 8.200 | 21.4 | 22.496 | 1.1 | 17.902 | 2.085 | 0.389 | 10.6 | 2.121 | 1.3 | 3.964 | -1.281 | -17.9 | 4.165 |
| 248881.5 | 843306.7 | 122.6 | 20.601 | 8.093 | 21.4 | 22.133 | 1.1 | 17.613 | 2.057 | 0.381 | 10.5 | 2.092 | 1.3 | 3.895 | -1.275 | -18.1 | 4.098 |
| 248880.9 | 843305.9 | 122.6 | 20.317 | 8.006 | 21.5 | 21.837 | 1.1 | 17.378 | 2.031 | 0.373 | 10.4 | 2.065 | 1.4 | 3.896 | -1.282 | -18.2 | 4.102 |
| 248880.3 | 843305.1 | 122.7 | 19.969 | 7.897 | 21.6 | 21.473 | 1.1 | 17.088 | 2.004 | 0.365 | 10.3 | 2.037 | 1.5 | 3.804 | -1.274 | -18.5 | 4.012 |
| 248879.7 | 843304.3 | 122.7 | 19.635 | 7.792 | 21.6 | 21.125 | 1.1 | 16.811 | 1.978 | 0.358 | 10.3 | 2.010 | 1.5 | 3.721 | -1.268 | -18.8 | 3.931 |
| 248879.2 | 843303.4 | 122.7 | 19.310 | 7.690 | 21.7 | 20.785 | 1.2 | 16.540 | 1.953 | 0.351 | 10.2 | 1.984 | 1.6 | 3.637 | -1.262 | -19.1 | 3.850 |
| 248878.6 | 843302.6 | 122.8 | 19.028 | 7.601 | 21.8 | 20.490 | 1.3 | 16.305 | 1.929 | 0.344 | 10.1 | 1.960 | 1.7 | 3.600 | -1.264 | -19.3 | 3.816 |
| 248878.0 | 843301.8 | 122.8 | 18.751 | 7.514 | 21.8 | 20.200 | 1.3 | 16.075 | 1.906 | 0.337 | 10.0 | 1.936 | 1.7 | 3.562 | -1.267 | -19.6 | 3.781 |
| 248877.4 | 843301.0 | 122.9 | 18.463 | 7.422 | 21.9 | 19.899 | 1.4 | 15.835 | 1.883 | 0.331 | 10.0 | 1.912 | 1.8 | 3.500 | -1.265 | -19.9 | 3.722 |
| 248876.8 | 843300.2 | 122.9 | 18.136 | 7.316 | 22.0 | 19.556 | 1.5 | 15.562 | 1.860 | 0.324 | 9.9 | 1.888 | 1.9 | 3.374 | -1.252 | -20.4 | 3.599 |
| 248876.2 | 843299.4 | 122.9 | 17.880 | 7.234 | 22.0 | 19.288 | 1.6 | 15.349 | 1.838 | 0.318 | 9.8 | 1.865 | 1.9 | 3.339 | -1.255 | -20.6 | 3.567 |
| 248875.7 | 843298.6 | 123.0 | 17.661 | 7.164 | 22.1 | 19.059 | 1.7 | 15.166 | 1.817 | 0.312 | 9.8 | 1.844 | 2.0 | 3.347 | -1.265 | -20.7 | 3.578 |
| 248875.1 | 843297.8 | 123.0 | 17.367 | 7.068 | 22.1 | 18.750 | 1.8 | 14.921 | 1.795 | 0.306 | 9.7 | 1.821 | 2.1 | 3.242 | -1.255 | -21.2 | 3.476 |
| 248874.5 | 843297.0 | 123.0 | 17.078 | 6.973 | 22.2 | 18.447 | 1.9 | 14.679 | 1.774 | 0.301 | 9.6 | 1.799 | 2.1 | 3.136 | -1.244 | -21.6 | 3.374 |
| 248873.9 | 843296.1 | 123.2 | 17.004 | 6.952 | 22.2 | 18.370 | 2.0 | 14.618 | 1.757 | 0.297 | 9.6 | 1.782 | 2.2 | 3.335 | -1.284 | -21.1 | 3.573 |
| 248873.3 | 843295.3 | 123.4 | 16.920 | 6.928 | 22.3 | 18.284 | 2.0 | 14.550 | 1.740 | 0.293 | 9.6 | 1.764 | 2.3 | 3.516 | -1.319 | -20.6 | 3.755 |
| 248872.7 | 843294.5 | 123.5 | 16.810 | 6.895 | 22.3 | 18.169 | 2.1 | 14.459 | 1.722 | 0.289 | 9.5 | 1.747 | 2.4 | 3.653 | -1.346 | -20.2 | 3.893 |
| 248872.2 | 843293.7 | 123.7 | 16.683 | 6.855 | 22.3 | 18.036 | 2.2 | 14.353 | 1.705 | 0.286 | 9.5 | 1.729 | 2.5 | 3.762 | -1.368 | -20.0 | 4.003 |
| 248871.6 | 843292.9 | 123.7 | 16.428 | 6.770 | 22.4 | 17.768 | 2.3 | 14.140 | 1.684 | 0.281 | 9.5 | 1.708 | 2.6 | 3.682 | -1.358 | -20.2 | 3.924 |
| 248871.0 | 843292.1 | 123.7 | 16.165 | 6.682 | 22.5 | 17.491 | 2.4 | 13.919 | 1.664 | 0.276 | 9.4 | 1.687 | 2.6 | 3.583 | -1.345 | -20.6 | 3.827 |
| 248870.4 | 843291.3 | 123.9 | 16.094 | 6.662 | 22.5 | 17.418 | 2.5 | 13.861 | 1.648 | 0.273 | 9.4 | 1.670 | 2.7 | 3.763 | -1.375 | -20.1 | 4.006 |
| 248869.8 | 843290.5 | 124.1 | 16.004 | 6.635 | 22.5 | 17.325 | 2.6 | 13.787 | 1.632 | 0.270 | 9.4 | 1.654 | 2.8 | 3.912 | -1.400 | -19.7 | 4.155 |
| 248869.2 | 843289.6 | 124.1 | 15.739 | 6.545 | 22.6 | 17.045 | 2.7 | 13.564 | 1.612 | 0.265 | 9.3 | 1.633 | 2.9 | 3.797 | -1.382 | -20.0 | 4.040 |
| 248868.7 | 843288.8 | 124.1 | 15.479 | 6.456 | 22.6 | 16.771 | 2.8 | 13.346 | 1.592 | 0.260 | 9.3 | 1.613 | 2.9 | 3.683 | -1.365 | -20.3 | 3.928 |
| 248868.1 | 843288.0 | 124.1 | 15.193 | 6.358 | 22.7 | 16.470 | 3.0 | 13.106 | 1.571 | 0.255 | 9.2 | 1.592 | 3.0 | 3.524 | -1.339 | -20.8 | 3.770 |
| 248867.5 | 843287.2 | 124.1 | 14.956 | 6.276 | 22.8 | 16.220 | 3.1 | 12.907 | 1.552 | 0.251 | 9.2 | 1.572 | 3.0 | 3.432 | -1.324 | -21.1 | 3.678 |
| 248866.9 | 843286.4 | 124.2 | 14.797 | 6.223 | 22.8 | 16.053 | 3.2 | 12.774 | 1.535 | 0.247 | 9.1 | 1.555 | 3.1 | 3.457 | -1.327 | -21.0 | 3.702 |
| 248866.3 | 843285.6 | 124.2 | 14.549 | 6.137 | 22.9 | 15.790 | 3.4 | 12.566 | 1.516 | 0.243 | 9.1 | 1.535 | 3.1 | 3.336 | -1.306 | -21.4 | 3.583 |
| 248865.7 | 843284.8 | 124.2 | 14.307 | 6.052 | 22.9 | 15.534 | 3.5 | 12.362 | 1.497 | 0.238 | 9.0 | 1.516 | 3.1 | 3.218 | -1.286 | -21.8 | 3.466 |
| 248865.2 | 843284.0 | 124.3 | 14.119 | 5.987 | 23.0 | 15.336 | 3.6 | 12.204 | 1.480 | 0.235 | 9.0 | 1.499 | 3.2 | 3.182 | -1.278 | -21.9 | 3.429 |
| 248864.6 | 843283.1 | 124.4 | 14.030 | 5.958 | 23.0 | 15.243 | 3.7 | 12.130 | 1.465 | 0.232 | 9.0 | 1.484 | 3.3 | 3.304 | -1.294 | -21.4 | 3.548 |
| 248864.0 | 843282.3 | 124.4 | 13.816 | 5.883 | 23.1 | 15.016 | 3.9 | 11.950 | 1.448 | 0.228 | 9.0 | 1.466 | 3.3 | 3.217 | -1.277 | -21.7 | 3.461 |
| 248863.4 | 843281.5 | 124.5 | 13.643 | 5.822 | 23.1 | 14.833 | 4.0 | 11.804 | 1.432 | 0.225 | 8.9 | 1.449 | 3.4 | 3.193 | -1.270 | -21.7 | 3.436 |
| 248862.8 | 843280.7 | 124.6 | 13.480 | 5.765 | 23.2 | 14.662 | 4.1 | 11.667 | 1.416 | 0.221 | 8.9 | 1.433 | 3.4 | 3.183 | -1.265 | -21.7 | 3.425 |
| 248862.2 | 843279.9 | 124.6 | 13.318 | 5.708 | 23.2 | 14.490 | 4.2 | 11.531 | 1.400 | 0.218 | 8.9 | 1.417 | 3.5 | 3.168 | -1.258 | -21.7 | 3.409 |
| 248861.7 | 843279.1 | 124.7 | 13.131 | 5.642 | 23.3 | 14.292 | 4.4 | 11.373 | 1.384 | 0.214 | 8.8 | 1.400 | 3.5 | 3.109 | -1.245 | -21.8 | 3.349 |
| 248861.1 | 843278.3 | 124.7 | 12.944 | 5.575 | 23.3 | 14.093 | 4.5 | 11.215 | 1.368 | 0.211 | 8.8 | 1.384 | 3.6 | 3.043 | -1.231 | -22.0 | 3.282 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248860.5 | 843277.5 | 124.7 | 12.741 | 5.502 | 23.4 | 13.878 | 4.7 | 11.044 | 1.351 | 0.207 | 8.7 | 1.367 | 3.6 | 2.946 | -1.212 | -22.4 | 3.185 |
| 248859.9 | 843276.6 | 124.7 | 12.574 | 5.441 | 23.4 | 13.701 | 4.8 | 10.903 | 1.336 | 0.204 | 8.7 | 1.351 | 3.7 | 2.906 | -1.201 | -22.4 | 3.144 |
| 248859.3 | 843275.8 | 124.8 | 12.402 | 5.380 | 23.4 | 13.519 | 5.0 | 10.758 | 1.321 | 0.200 | 8.6 | 1.336 | 3.7 | 2.855 | -1.188 | -22.6 | 3.093 |
| 248858.7 | 843275.0 | 124.8 | 12.234 | 5.319 | 23.5 | 13.340 | 5.1 | 10.616 | 1.305 | 0.197 | 8.6 | 1.320 | 3.7 | 2.807 | -1.175 | -22.7 | 3.043 |
| 248858.2 | 843274.2 | 124.8 | 12.062 | 5.256 | 23.5 | 13.158 | 5.3 | 10.471 | 1.290 | 0.193 | 8.5 | 1.304 | 3.8 | 2.748 | -1.161 | -22.9 | 2.983 |
| 248857.6 | 843273.4 | 124.8 | 11.887 | 5.192 | 23.6 | 12.971 | 5.4 | 10.322 | 1.274 | 0.190 | 8.5 | 1.289 | 3.8 | 2.677 | -1.144 | -23.1 | 2.911 |
| 248857.0 | 843272.6 | 124.9 | 11.719 | 5.130 | 23.6 | 12.793 | 5.6 | 10.180 | 1.259 | 0.187 | 8.4 | 1.273 | 3.8 | 2.618 | -1.129 | -23.3 | 2.851 |
| 248856.4 | 843271.8 | 124.8 | 11.522 | 5.057 | 23.7 | 12.582 | 5.7 | 10.013 | 1.243 | 0.183 | 8.4 | 1.257 | 3.8 | 2.496 | -1.105 | -23.9 | 2.730 |
| 248855.8 | 843271.0 | 124.8 | 11.331 | 4.986 | 23.7 | 12.379 | 5.9 | 9.851 | 1.228 | 0.179 | 8.3 | 1.241 | 3.8 | 2.383 | -1.082 | -24.4 | 2.617 |
| 248855.2 | 843270.1 | 124.8 | 11.146 | 4.916 | 23.8 | 12.182 | 6.1 | 9.694 | 1.212 | 0.175 | 8.2 | 1.225 | 3.8 | 2.274 | -1.060 | -25.0 | 2.509 |
| 248854.7 | 843269.3 | 124.8 | 10.998 | 4.861 | 23.8 | 12.024 | 6.2 | 9.568 | 1.197 | 0.172 | 8.2 | 1.209 | 3.9 | 2.235 | -1.047 | -25.1 | 2.468 |
| 248854.1 | 843268.5 | 124.9 | 10.879 | 4.818 | 23.9 | 11.898 | 6.3 | 9.468 | 1.182 | 0.170 | 8.2 | 1.195 | 4.0 | 2.252 | -1.040 | -24.8 | 2.481 |
| 248853.5 | 843267.7 | 124.9 | 10.754 | 4.772 | 23.9 | 11.765 | 6.5 | 9.363 | 1.168 | 0.167 | 8.1 | 1.180 | 4.0 | 2.254 | -1.031 | -24.6 | 2.479 |
| 248852.9 | 843266.9 | 124.9 | 10.566 | 4.701 | 24.0 | 11.564 | 6.6 | 9.203 | 1.152 | 0.163 | 8.1 | 1.163 | 4.0 | 2.121 | -1.005 | -25.3 | 2.347 |
| 248852.3 | 843266.1 | 125.0 | 10.481 | 4.671 | 24.0 | 11.475 | 6.7 | 9.132 | 1.138 | 0.161 | 8.0 | 1.149 | 4.1 | 2.199 | -1.005 | -24.6 | 2.418 |
| 248851.7 | 843265.3 | 125.1 | 10.400 | 4.643 | 24.1 | 11.389 | 6.8 | 9.063 | 1.123 | 0.159 | 8.0 | 1.134 | 4.2 | 2.281 | -1.005 | -23.8 | 2.492 |
| 248851.2 | 843264.5 | 125.0 | 10.228 | 4.577 | 24.1 | 11.206 | 7.0 | 8.917 | 1.108 | 0.155 | 8.0 | 1.118 | 4.2 | 2.170 | -0.980 | -24.3 | 2.381 |
| 248850.6 | 843263.6 | 124.9 | 10.032 | 4.501 | 24.2 | 10.996 | 7.1 | 8.750 | 1.092 | 0.151 | 7.9 | 1.102 | 4.1 | 1.999 | -0.947 | -25.4 | 2.212 |
| 248850.0 | 843262.8 | 125.1 | 10.008 | 4.496 | 24.2 | 10.971 | 7.1 | 8.731 | 1.078 | 0.150 | 7.9 | 1.088 | 4.3 | 2.192 | -0.960 | -23.7 | 2.393 |
| 248849.4 | 843262.0 | 125.2 | 9.920 | 4.465 | 24.2 | 10.878 | 7.2 | 8.657 | 1.063 | 0.147 | 7.9 | 1.074 | 4.4 | 2.245 | -0.955 | -23.0 | 2.440 |
| 248848.8 | 843261.2 | 125.3 | 9.816 | 4.427 | 24.3 | 10.768 | 7.3 | 8.569 | 1.049 | 0.145 | 7.9 | 1.059 | 4.5 | 2.260 | -0.944 | -22.7 | 2.449 |
| 248848.2 | 843260.4 | 125.3 | 9.694 | 4.382 | 24.3 | 10.638 | 7.3 | 8.465 | 1.034 | 0.142 | 7.8 | 1.043 | 4.5 | 2.230 | -0.928 | -22.6 | 2.415 |
| 248847.7 | 843259.6 | 125.3 | 9.589 | 4.343 | 24.4 | 10.526 | 7.4 | 8.377 | 1.019 | 0.139 | 7.8 | 1.028 | 4.6 | 2.233 | -0.915 | -22.3 | 2.413 |
| 248847.1 | 843258.8 | 125.4 | 9.489 | 4.307 | 24.4 | 10.420 | 7.4 | 8.292 | 1.004 | 0.137 | 7.8 | 1.013 | 4.6 | 2.242 | -0.903 | -21.9 | 2.417 |
| 248846.5 | 843258.0 | 125.4 | 9.392 | 4.271 | 24.5 | 10.317 | 7.4 | 8.210 | 0.989 | 0.134 | 7.7 | 0.998 | 4.7 | 2.252 | -0.890 | -21.6 | 2.422 |
| 248845.9 | 843257.2 | 125.4 | 9.274 | 4.227 | 24.5 | 10.191 | 7.4 | 8.110 | 0.974 | 0.131 | 7.7 | 0.982 | 4.7 | 2.211 | -0.872 | -21.5 | 2.376 |

Max BF along centerline is 47.357 (uT) at 193.000 (m) from structure [redacted]-5

Cross section results at max BF along centerline between structures [redacted]-5 and [redacted]-6T






3D EMF Point Results Span from [redacted]/[redacted]-5 to [redacted]-6T:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 249014.6 | 843466.0 | 98.0 | 18.471 | 8.624 | 25.0 | 20.386 | 20.1 | 16.222 | 0.809 | 0.522 | 32.8 | 0.962 | 12.5 | 2.582 | -1.535 | -30.7 | 3.004 |
| 249013.8 | 843466.5 | 97.9 | 20.055 | 9.106 | 24.4 | 22.025 | 19.8 | 17.527 | 1.016 | 0.588 | 30.1 | 1.174 | 11.0 | 2.998 | -1.656 | -28.9 | 3.425 |
| 249013.0 | 843467.1 | 97.9 | 21.789 | 9.602 | 23.8 | 23.811 | 19.4 | 18.949 | 1.261 | 0.657 | 27.5 | 1.422 | 9.8 | 3.466 | -1.773 | -27.1 | 3.893 |
| 249012.1 | 843467.7 | 97.8 | 23.686 | 10.110 | 23.1 | 25.753 | 18.8 | 20.494 | 1.551 | 0.726 | 25.1 | 1.712 | 8.8 | 3.992 | -1.883 | -25.3 | 4.414 |
| 249011.3 | 843468.3 | 97.8 | 25.749 | 10.624 | 22.4 | 27.854 | 18.2 | 22.166 | 1.888 | 0.794 | 22.8 | 2.048 | 7.9 | 4.576 | -1.984 | -23.4 | 4.987 |
| 249010.5 | 843468.9 | 97.7 | 27.960 | 11.134 | 21.7 | 30.095 | 17.4 | 23.949 | 2.275 | 0.859 | 20.7 | 2.432 | 7.1 | 5.202 | -2.066 | -21.7 | 5.597 |
| 249009.7 | 843469.5 | 97.7 | 30.257 | 11.620 | 21.0 | 32.411 | 16.4 | 25.792 | 2.713 | 0.918 | 18.7 | 2.864 | 6.3 | 5.817 | -2.111 | -19.9 | 6.188 |
| 249008.9 | 843470.0 | 97.6 | 32.698 | 12.105 | 20.3 | 34.867 | 15.2 | 27.746 | 3.199 | 0.969 | 16.9 | 3.342 | 5.5 | 6.482 | -2.148 | -18.3 | 6.829 |
| 249008.1 | 843470.6 | 97.5 | 35.067 | 12.534 | 19.7 | 37.240 | 14.0 | 29.635 | 3.719 | 1.011 | 15.2 | 3.854 | 4.7 | 7.023 | -2.129 | -16.9 | 7.338 |
| 249007.3 | 843471.2 | 97.4 | 37.508 | 12.963 | 19.1 | 39.685 | 12.6 | 31.580 | 4.262 | 1.042 | 13.7 | 4.388 | 4.1 | 7.604 | -2.114 | -15.5 | 7.892 |
| 249006.5 | 843471.8 | 97.4 | 39.942 | 13.384 | 18.5 | 42.125 | 11.1 | 33.522 | 4.802 | 1.063 | 12.5 | 4.918 | 3.5 | 8.206 | -2.103 | -14.4 | 8.471 |
| 249005.6 | 843472.4 | 97.4 | 42.268 | 13.789 | 18.1 | 44.460 | 9.5 | 35.381 | 5.304 | 1.073 | 11.4 | 5.412 | 3.0 | 8.802 | -2.096 | -13.4 | 9.048 |
| 249004.8 | 843473.0 | 97.3 | 44.055 | 14.111 | 17.8 | 46.260 | 7.9 | 36.812 | 5.716 | 1.074 | 10.6 | 5.816 | 2.5 | 9.076 | -2.040 | -12.7 | 9.302 |
| 249004.0 | 843473.5 | 97.2 | 45.089 | 14.333 | 17.6 | 47.313 | 6.2 | 37.650 | 5.993 | 1.069 | 10.1 | 6.087 | 2.0 | 8.913 | -1.934 | -12.2 | 9.121 |
| 249003.2 | 843474.1 | 97.1 | 45.439 | 14.486 | 17.7 | 47.692 | 4.6 | 37.952 | 6.108 | 1.059 | 9.8 | 6.200 | 1.7 | 8.436 | -1.807 | -12.1 | 8.627 |
| 249002.4 | 843474.7 | 97.0 | 45.172 | 14.582 | 17.9 | 47.468 | 3.0 | 37.774 | 6.055 | 1.047 | 9.8 | 6.145 | 1.5 | 7.738 | -1.673 | -12.2 | 7.917 |
| 249001.6 | 843475.3 | 96.9 | 44.368 | 14.630 | 18.2 | 46.718 | 1.6 | 37.177 | 5.842 | 1.030 | 10.0 | 5.932 | 1.4 | 6.895 | -1.537 | -12.6 | 7.064 |
| 249000.8 | 843475.9 | 96.8 | 43.127 | 14.631 | 18.7 | 45.542 | 1.0 | 36.241 | 5.495 | 1.009 | 10.4 | 5.587 | 1.3 | 5.974 | -1.397 | -13.2 | 6.135 |
| 249000.0 | 843476.5 | 96.6 | 41.498 | 14.576 | 19.4 | 43.983 | 1.7 | 35.001 | 5.050 | 0.982 | 11.0 | 5.144 | 1.2 | 4.964 | -1.237 | -14.0 | 5.116 |
| 248999.1 | 843477.0 | 96.6 | 39.882 | 14.535 | 20.0 | 42.448 | 2.7 | 33.779 | 4.550 | 0.947 | 11.8 | 4.648 | 1.2 | 4.202 | -1.114 | -14.8 | 4.348 |
| 248998.3 | 843477.6 | 96.5 | 38.146 | 14.462 | 20.8 | 40.795 | 3.7 | 32.464 | 4.028 | 0.903 | 12.6 | 4.128 | 1.1 | 3.485 | -0.983 | -15.8 | 3.621 |
| 248997.5 | 843478.2 | 96.4 | 36.404 | 14.374 | 21.5 | 39.139 | 4.6 | 31.146 | 3.512 | 0.850 | 13.6 | 3.613 | 1.0 | 2.860 | -0.854 | -16.6 | 2.984 |
| 248996.7 | 843478.8 | 96.3 | 34.719 | 14.279 | 22.4 | 37.541 | 5.3 | 29.874 | 3.021 | 0.789 | 14.6 | 3.123 | 0.9 | 2.332 | -0.726 | -17.3 | 2.442 |
| 248995.9 | 843479.4 | 96.1 | 32.963 | 14.125 | 23.2 | 35.862 | 5.8 | 28.538 | 2.567 | 0.721 | 15.7 | 2.667 | 1.0 | 1.719 | -0.553 | -17.8 | 1.806 |
| 248995.1 | 843480.0 | 95.9 | 31.359 | 13.978 | 24.0 | 34.334 | 6.1 | 27.322 | 2.157 | 0.647 | 16.7 | 2.252 | 1.4 | 1.219 | -0.389 | -17.7 | 1.280 |
| 248994.3 | 843480.5 | 95.9 | 30.166 | 13.948 | 24.8 | 33.235 | 6.5 | 26.447 | 1.794 | 0.570 | 17.6 | 1.883 | 1.9 | 1.060 | -0.311 | -16.4 | 1.105 |
| 248993.5 | 843481.1 | 95.8 | 29.121 | 13.947 | 25.6 | 32.288 | 6.8 | 25.694 | 1.476 | 0.491 | 18.4 | 1.555 | 2.5 | 0.942 | -0.240 | -14.3 | 0.972 |
| 248992.7 | 843481.7 | 95.7 | 28.106 | 13.924 | 26.4 | 31.366 | 6.8 | 24.960 | 1.195 | 0.409 | 18.9 | 1.263 | 3.5 | 0.743 | -0.134 | -10.2 | 0.755 |
| 248991.8 | 843482.3 | 95.6 | 27.156 | 13.890 | 27.1 | 30.502 | 6.7 | 24.273 | 0.946 | 0.325 | 19.0 | 1.000 | 4.9 | 0.507 | -0.009 | -1.0 | 0.507 |
| 248991.0 | 843482.9 | 95.4 | 26.417 | 13.926 | 27.8 | 29.863 | 6.6 | 23.764 | 0.728 | 0.243 | 18.4 | 0.768 | 7.3 | 0.348 | 0.094 | 15.1 | 0.360 |
| 248990.2 | 843483.5 | 95.3 | 25.879 | 14.041 | 28.5 | 29.443 | 6.5 | 23.430 | 0.539 | 0.169 | 17.4 | 0.565 | 11.9 | 0.234 | 0.186 | 38.5 | 0.299 |

Centerline results between structures [redacted]-6T and [redacted]/[redacted]-7

3D EMF Point Results Centerline from [redacted]-6T to [redacted]/[redacted]-7:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248846.2 | 843257.5 | 125.4 | 9.342 | 4.253 | 24.5 | 10.265 | 7.4 | 8.168 | 0.981 | 0.133 | 7.7 | 0.990 | 4.7 | 2.258 | -0.884 | -21.4 | 2.424 |

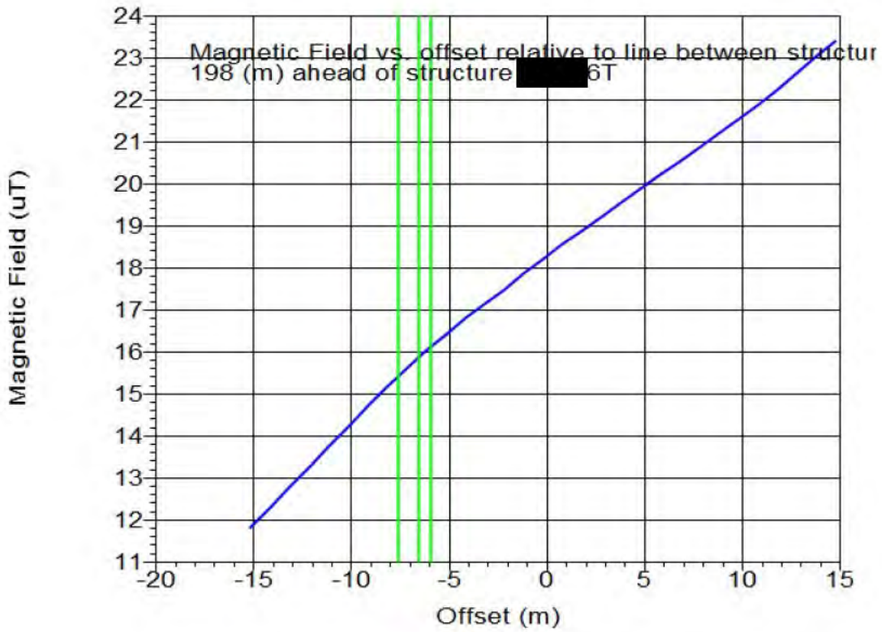
| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248845.3 | 843257.0 | 125.3 | 9.350 | 4.251 | 24.4 | 10.271 | 7.5 | 8.174 | 0.994 | 0.136 | 7.8 | 1.003 | 4.5 | 2.194 | -0.881 | -21.9 | 2.365 |
| 248844.5 | 843256.5 | 125.2 | 9.358 | 4.249 | 24.4 | 10.278 | 7.5 | 8.179 | 1.006 | 0.140 | 7.9 | 1.016 | 4.3 | 2.130 | -0.877 | -22.4 | 2.303 |
| 248843.6 | 843256.0 | 125.1 | 9.373 | 4.251 | 24.4 | 10.292 | 7.5 | 8.190 | 1.018 | 0.143 | 8.0 | 1.028 | 4.1 | 2.079 | -0.874 | -22.8 | 2.255 |
| 248842.7 | 843255.5 | 125.1 | 9.392 | 4.254 | 24.4 | 10.310 | 7.5 | 8.205 | 1.030 | 0.147 | 8.1 | 1.040 | 3.9 | 2.037 | -0.871 | -23.1 | 2.216 |
| 248841.9 | 843255.0 | 125.1 | 9.444 | 4.272 | 24.3 | 10.365 | 7.5 | 8.248 | 1.041 | 0.151 | 8.3 | 1.052 | 3.8 | 2.069 | -0.877 | -23.0 | 2.247 |
| 248841.0 | 843254.5 | 125.1 | 9.526 | 4.303 | 24.3 | 10.453 | 7.5 | 8.318 | 1.053 | 0.156 | 8.4 | 1.065 | 3.7 | 2.170 | -0.891 | -22.3 | 2.346 |
| 248840.1 | 843254.0 | 125.1 | 9.562 | 4.315 | 24.3 | 10.491 | 7.4 | 8.348 | 1.064 | 0.160 | 8.5 | 1.076 | 3.6 | 2.167 | -0.891 | -22.4 | 2.343 |
| 248839.3 | 843253.5 | 125.1 | 9.619 | 4.335 | 24.3 | 10.551 | 7.4 | 8.396 | 1.075 | 0.164 | 8.7 | 1.088 | 3.5 | 2.210 | -0.897 | -22.1 | 2.385 |
| 248838.4 | 843253.0 | 125.1 | 9.671 | 4.354 | 24.2 | 10.606 | 7.3 | 8.440 | 1.086 | 0.168 | 8.8 | 1.099 | 3.4 | 2.241 | -0.902 | -21.9 | 2.416 |
| 248837.5 | 843252.5 | 125.1 | 9.719 | 4.371 | 24.2 | 10.657 | 7.2 | 8.480 | 1.096 | 0.172 | 8.9 | 1.110 | 3.3 | 2.264 | -0.904 | -21.8 | 2.438 |
| 248836.7 | 843252.0 | 125.1 | 9.763 | 4.386 | 24.2 | 10.703 | 7.2 | 8.517 | 1.106 | 0.176 | 9.0 | 1.120 | 3.2 | 2.278 | -0.905 | -21.7 | 2.451 |
| 248835.8 | 843251.5 | 125.1 | 9.816 | 4.406 | 24.2 | 10.760 | 7.1 | 8.562 | 1.116 | 0.180 | 9.2 | 1.131 | 3.1 | 2.314 | -0.908 | -21.4 | 2.486 |
| 248834.9 | 843251.0 | 125.1 | 9.877 | 4.430 | 24.2 | 10.825 | 7.0 | 8.614 | 1.127 | 0.184 | 9.3 | 1.142 | 3.0 | 2.367 | -0.915 | -21.1 | 2.538 |
| 248834.1 | 843250.5 | 125.0 | 9.922 | 4.446 | 24.1 | 10.873 | 6.9 | 8.652 | 1.136 | 0.188 | 9.4 | 1.152 | 2.9 | 2.385 | -0.915 | -21.0 | 2.555 |
| 248833.2 | 843250.0 | 125.1 | 9.994 | 4.474 | 24.1 | 10.950 | 6.7 | 8.713 | 1.146 | 0.192 | 9.5 | 1.162 | 2.8 | 2.462 | -0.925 | -20.6 | 2.630 |
| 248832.4 | 843249.5 | 125.1 | 10.056 | 4.498 | 24.1 | 11.017 | 6.6 | 8.767 | 1.156 | 0.196 | 9.6 | 1.172 | 2.7 | 2.519 | -0.932 | -20.3 | 2.686 |
| 248831.5 | 843249.0 | 125.0 | 10.048 | 4.494 | 24.1 | 11.007 | 6.5 | 8.759 | 1.164 | 0.199 | 9.7 | 1.181 | 2.6 | 2.424 | -0.914 | -20.7 | 2.591 |
| 248830.6 | 843248.5 | 125.0 | 10.136 | 4.528 | 24.1 | 11.101 | 6.4 | 8.834 | 1.174 | 0.203 | 9.8 | 1.192 | 2.5 | 2.537 | -0.930 | -20.1 | 2.703 |
| 248829.8 | 843248.0 | 125.0 | 10.170 | 4.541 | 24.1 | 11.138 | 6.3 | 8.863 | 1.183 | 0.207 | 9.9 | 1.201 | 2.4 | 2.537 | -0.927 | -20.1 | 2.701 |
| 248828.9 | 843247.5 | 125.0 | 10.234 | 4.566 | 24.0 | 11.206 | 6.2 | 8.918 | 1.192 | 0.210 | 10.0 | 1.211 | 2.4 | 2.601 | -0.935 | -19.8 | 2.764 |
| 248828.0 | 843247.0 | 125.0 | 10.305 | 4.594 | 24.0 | 11.283 | 6.1 | 8.979 | 1.202 | 0.214 | 10.1 | 1.221 | 2.3 | 2.683 | -0.947 | -19.4 | 2.845 |
| 248827.2 | 843246.5 | 125.0 | 10.357 | 4.614 | 24.0 | 11.338 | 5.9 | 9.023 | 1.210 | 0.218 | 10.2 | 1.230 | 2.2 | 2.722 | -0.951 | -19.3 | 2.884 |
| 248826.3 | 843246.0 | 124.9 | 10.339 | 4.607 | 24.0 | 11.319 | 5.8 | 9.008 | 1.218 | 0.221 | 10.3 | 1.238 | 2.1 | 2.617 | -0.930 | -19.6 | 2.778 |
| 248825.4 | 843245.5 | 124.7 | 10.322 | 4.600 | 24.0 | 11.301 | 5.8 | 8.993 | 1.225 | 0.223 | 10.3 | 1.245 | 2.0 | 2.513 | -0.909 | -19.9 | 2.672 |
| 248824.6 | 843245.0 | 124.6 | 10.294 | 4.589 | 24.0 | 11.271 | 5.7 | 8.969 | 1.232 | 0.226 | 10.4 | 1.253 | 1.9 | 2.388 | -0.884 | -20.3 | 2.546 |
| 248823.7 | 843244.5 | 124.5 | 10.296 | 4.590 | 24.0 | 11.273 | 5.6 | 8.971 | 1.239 | 0.229 | 10.5 | 1.260 | 1.8 | 2.329 | -0.870 | -20.5 | 2.486 |
| 248822.8 | 843244.0 | 124.4 | 10.321 | 4.600 | 24.0 | 11.300 | 5.5 | 8.992 | 1.247 | 0.232 | 10.6 | 1.268 | 1.7 | 2.321 | -0.866 | -20.5 | 2.477 |
| 248822.0 | 843243.5 | 124.5 | 10.376 | 4.622 | 24.0 | 11.359 | 5.4 | 9.039 | 1.254 | 0.235 | 10.6 | 1.276 | 1.7 | 2.381 | -0.874 | -20.2 | 2.536 |
| 248821.1 | 843242.9 | 124.4 | 10.429 | 4.643 | 24.0 | 11.416 | 5.3 | 9.085 | 1.262 | 0.238 | 10.7 | 1.284 | 1.6 | 2.439 | -0.882 | -19.9 | 2.594 |
| 248820.3 | 843242.4 | 124.4 | 10.470 | 4.659 | 24.0 | 11.460 | 5.2 | 9.119 | 1.269 | 0.241 | 10.8 | 1.291 | 1.6 | 2.472 | -0.885 | -19.7 | 2.626 |
| 248819.4 | 843241.9 | 124.4 | 10.486 | 4.666 | 24.0 | 11.477 | 5.1 | 9.133 | 1.275 | 0.244 | 10.8 | 1.298 | 1.5 | 2.455 | -0.880 | -19.7 | 2.608 |
| 248818.5 | 843241.4 | 124.3 | 10.501 | 4.672 | 24.0 | 11.494 | 5.0 | 9.146 | 1.281 | 0.247 | 10.9 | 1.304 | 1.4 | 2.438 | -0.874 | -19.7 | 2.590 |
| 248817.7 | 843240.9 | 124.2 | 10.512 | 4.677 | 24.0 | 11.505 | 4.9 | 9.155 | 1.287 | 0.249 | 11.0 | 1.311 | 1.4 | 2.414 | -0.867 | -19.8 | 2.565 |
| 248816.8 | 843240.4 | 124.2 | 10.526 | 4.682 | 24.0 | 11.520 | 4.8 | 9.168 | 1.292 | 0.252 | 11.0 | 1.316 | 1.3 | 2.399 | -0.862 | -19.8 | 2.550 |
| 248815.9 | 843239.9 | 124.1 | 10.545 | 4.690 | 24.0 | 11.541 | 4.7 | 9.184 | 1.297 | 0.254 | 11.1 | 1.322 | 1.3 | 2.398 | -0.859 | -19.7 | 2.548 |
| 248815.1 | 843239.4 | 124.0 | 10.563 | 4.698 | 24.0 | 11.560 | 4.7 | 9.199 | 1.302 | 0.257 | 11.1 | 1.327 | 1.2 | 2.399 | -0.857 | -19.7 | 2.547 |
| 248814.2 | 843238.9 | 124.0 | 10.581 | 4.705 | 24.0 | 11.579 | 4.6 | 9.215 | 1.307 | 0.259 | 11.2 | 1.332 | 1.2 | 2.401 | -0.856 | -19.6 | 2.548 |
| 248813.3 | 843238.4 | 123.9 | 10.598 | 4.712 | 24.0 | 11.598 | 4.5 | 9.230 | 1.311 | 0.261 | 11.3 | 1.337 | 1.1 | 2.404 | -0.854 | -19.6 | 2.551 |
| 248812.5 | 843237.9 | 123.9 | 10.614 | 4.719 | 24.0 | 11.616 | 4.4 | 9.244 | 1.316 | 0.263 | 11.3 | 1.342 | 1.1 | 2.409 | -0.854 | -19.5 | 2.556 |
| 248811.6 | 843237.4 | 123.8 | 10.631 | 4.726 | 24.0 | 11.634 | 4.4 | 9.258 | 1.319 | 0.265 | 11.4 | 1.346 | 1.0 | 2.416 | -0.853 | -19.4 | 2.562 |
| 248810.7 | 843236.9 | 123.8 | 10.646 | 4.733 | 24.0 | 11.651 | 4.3 | 9.271 | 1.323 | 0.267 | 11.4 | 1.350 | 1.0 | 2.424 | -0.853 | -19.4 | 2.570 |
| 248809.9 | 843236.4 | 123.7 | 10.658 | 4.738 | 24.0 | 11.664 | 4.2 | 9.282 | 1.326 | 0.269 | 11.5 | 1.353 | 0.9 | 2.427 | -0.852 | -19.3 | 2.573 |
| 248809.0 | 843235.9 | 123.6 | 10.667 | 4.742 | 24.0 | 11.673 | 4.2 | 9.289 | 1.329 | 0.271 | 11.5 | 1.357 | 0.9 | 2.425 | -0.850 | -19.3 | 2.570 |
| 248808.2 | 843235.4 | 123.6 | 10.672 | 4.744 | 24.0 | 11.679 | 4.1 | 9.294 | 1.332 | 0.273 | 11.6 | 1.359 | 0.8 | 2.419 | -0.847 | -19.3 | 2.563 |
| 248807.3 | 843234.9 | 123.5 | 10.676 | 4.747 | 24.0 | 11.684 | 4.0 | 9.298 | 1.334 | 0.274 | 11.6 | 1.362 | 0.8 | 2.412 | -0.845 | -19.3 | 2.556 |
| 248806.4 | 843234.4 | 123.4 | 10.680 | 4.749 | 24.0 | 11.688 | 4.0 | 9.301 | 1.336 | 0.276 | 11.7 | 1.365 | 0.7 | 2.408 | -0.842 | -19.3 | 2.551 |
| 248805.6 | 843233.9 | 123.4 | 10.683 | 4.751 | 24.0 | 11.692 | 3.9 | 9.304 | 1.338 | 0.277 | 11.7 | 1.367 | 0.7 | 2.404 | -0.840 | -19.3 | 2.547 |
| 248804.7 | 843233.4 | 123.3 | 10.685 | 4.753 | 24.0 | 11.695 | 3.9 | 9.306 | 1.340 | 0.279 | 11.7 | 1.369 | 0.7 | 2.402 | -0.839 | -19.2 | 2.544 |
| 248803.8 | 843232.9 | 123.2 | 10.683 | 4.753 | 24.0 | 11.692 | 3.8 | 9.305 | 1.341 | 0.280 | 11.8 | 1.370 | 0.6 | 2.391 | -0.835 | -19.3 | 2.533 |
| 248803.0 | 843232.4 | 123.1 | 10.678 | 4.752 | 24.0 | 11.687 | 3.8 | 9.300 | 1.342 | 0.281 | 11.8 | 1.371 | 0.6 | 2.376 | -0.831 | -19.3 | 2.517 |
| 248802.1 | 843231.9 | 123.1 | 10.679 | 4.753 | 24.0 | 11.689 | 3.7 | 9.302 | 1.343 | 0.282 | 11.9 | 1.373 | 0.5 | 2.377 | -0.830 | -19.3 | 2.518 |
| 248801.2 | 843231.4 | 123.0 | 10.675 | 4.753 | 24.0 | 11.685 | 3.6 | 9.299 | 1.344 | 0.283 | 11.9 | 1.373 | 0.5 | 2.370 | -0.828 | -19.3 | 2.510 |
| 248800.4 | 843230.9 | 122.9 | 10.669 | 4.751 | 24.0 | 11.679 | 3.6 | 9.294 | 1.344 | 0.284 | 11.9 | 1.374 | 0.5 | 2.358 | -0.825 | -19.3 | 2.498 |
| 248799.5 | 843230.4 | 122.8 | 10.662 | 4.750 | 24.0 | 11.672 | 3.5 | 9.288 | 1.344 | 0.285 | 12.0 | 1.374 | 0.4 | 2.348 | -0.822 | -19.3 | 2.488 |
| 248798.7 | 843229.9 | 122.7 | 10.656 | 4.749 | 24.0 | 11.666 | 3.5 | 9.284 | 1.344 | 0.286 | 12.0 | 1.374 | 0.4 | 2.342 | -0.820 | -19.3 | 2.482 |
| 248797.8 | 843229.4 | 122.7 | 10.650 | 4.748 | 24.0 | 11.660 | 3.5 | 9.279 | 1.344 | 0.287 | 12.1 | 1.374 | 0.4 | 2.337 | -0.818 | -19.3 | 2.476 |
| 248796.9 | 843228.9 | 122.6 | 10.643 | 4.746 | 24.0 | 11.653 | 3.4 | 9.274 | 1.344 | 0.288 | 12.1 | 1.374 | 0.3 | 2.332 | -0.816 | -19.3 | 2.471 |
| 248796.1 | 843228.4 | 122.5 | 10.636 | 4.745 | 24.0 | 11.646 | 3.4 | 9.268 | 1.343 | 0.289 | 12.1 | 1.374 | 0.3 | 2.328 | -0.815 | -19.3 | 2.467 |
| 248795.2 | 843227.9 | 122.4 | 10.628 | 4.743 | 24.1 | 11.639 | 3.3 | 9.262 | 1.342 | 0.289 | 12.2 | 1.373 | 0.3 | 2.324 | -0.813 | -19.3 | 2.462 |
| 248794.3 | 843227.3 | 122.3 | 10.611 | 4.738 | 24.1 | 11.621 | 3.3 | 9.248 | 1.341 | 0.290 | 12.2 | 1.372 | 0.2 | 2.302 | -0.808 | -19.3 | 2.439 |
| 248793.5 | 843226.8 | 122.2 | 10.599 | 4.735 | 24.1 | 11.609 | 3.2 | 9.238 | 1.340 | 0.290 | 12.2 | 1.371 | 0.2 | 2.290 | -0.804 | -19.4 | 2.427 |
| 248792.6 | 843226.3 | 122.2 | 10.586 | 4.732 | 24.1 | 11.596 | 3.2 | 9.227 | 1.339 | 0.291 | 12.3 | 1.370 | 0.2 | 2.278 | -0.801 | -19.4 | 2.415 |
| 248791.7 | 843225.8 | 122.1 | 10.570 | 4.727 | 24.1 | 11.579 | 3.2 | 9.214 | 1.337 | 0.291 | 12.3 | 1.368 | 0.2 | 2.261 | -0.797 | -19.4 | 2.397 |
| 248790.9 | 843225.3 | 122.0 | 10.553 | 4.722 | 24.1 | 11.561 | 3.1 | 9.200 | 1.335 | 0.291 | 12.3 | 1.367 | 0.1 | 2.241 | -0.792 | -19.5 | 2.376 |
| 248790.0 | 843224.8 | 121.9 | 10.535 | 4.717 | 24.1 | 11.543 | 3.1 | 9.185 | 1.334 | 0.292 | 12.3 | 1.365 | 0.1 | 2.220 | -0.786 | -19.5 | 2.355 |
| 248789.1 | 843224.3 | 121.8 | 10.516 | 4.712 | 24.1 | 11.524 | 3.1 | 9.170 | 1.332 | 0.292 | 12.4 | 1.363 | 0.1 | 2.200 | -0.781 | -19.5 | 2.334 |
| 248788.3 | 843223.8 | 121.7 | 10.471 | 4.696 | 24.2 | 11.476 | 3.1 | 9.132 | 1.329 | 0.292 | 12.4 | 1.361 | 0.1 | 2.120 | -0.763 | -19.8 | 2.253 |
| 248787.4 | 843223.3 | 121.6 | 10.447 | 4.689 | 24.2 | 11.451 | 3.0 | 9.112 | 1.327 | 0.292 | 12.4 | 1.359 | 0.1 | 2.088 | -0.755 | -19.9 | 2.220 |
| 248786.6 | 843222.8 | 121.5 | 10.423 | 4.682 | 24.2 | 11.426 | 3.0 | 9.092 | 1.324 | 0.292 | 12.4 | 1.356 | 0.1 | 2.055 | -0.747 | -20.0 | 2.186 |
| 248785.7 | 843222.3 | 121.4 | 10.398 | 4.674 | 24.2 | 11.400 | 3.0 | 9.072 | 1.322 | 0.292 | 12.5 | 1.354 | 0.1 | 2.021 | -0.738 | -20.1 | 2.152 |
| 248784.8 | 843221.8 | 121.3 | 10.373 | 4.666 | 24.2 | 11.374 | 3.0 | 9.051 | 1.319 | 0.293 | 12.5 | 1.351 | 0.1 | 1.986 | -0.729 | -20.2 | 2.116 |
| 248784.0 | 843221.3 | 121.2 | 10.347 | 4.659 | 24.2 | 11.348 | 2.9 | 9.030 | 1.317 | 0.293 | 12.5 | 1.349 | 0.1 | 1.951 | -0.720 | -20.3 | 2.079 |
| 248783.1 | 843220.8 | 121.1 | 10.321 | 4.651 | 24.3 | 11.321 | 2.9 | 9.009 | 1.314 | 0.293 | 12.6 | 1.346 | 0.2 | 1.913 | -0.710 | -20.4 | 2.041 |
| 248782.2 | 843220.3 | 121.0 | 10.295 | 4.643 | 24.3 | 11.294 | 2.9 | 8.987 | 1.311 | 0.292 | 12.6 | 1.343 | 0.2 | 1.875 | -0.701 | -20.5 | 2.002 |
| 248781.4 | 843219.8 | 120.9 | 10.267 | 4.635 | 24.3 | 11.265 | 2.9 | 8.964 | 1.308 | 0.292 | 12.6 | 1.341 | 0.2 | 1.833 | -0.690 | -20.6 | 1.958 |
| 248780.5 | 843219.3 | 120.8 | 10.235 | 4.624 | 24.3 | 11.231 | 2.9 | 8.938 | 1.306 | 0.292 | 12.6 | 1.338 | 0.2 | 1.779 | -0.676 | -20.8 | 1.904 |
| 248779.6 | 843218.8 | 120.7 | 10.203 | 4.614 | 24.3 | 11.197 | 2.9 | 8.911 | 1.303 | 0.292 | 12.6 | 1.335 | 0.2 | 1.724 | -0.662 | -21.0 | 1.847 |
| 248778.8 | 843218.3 | 120.6 | 10.170 | 4.604 | 24.4 | 11.163 | 2.9 | 8.884 | 1.300 | 0.292 | 12.7 | 1.332 | 0.3 | 1.668 | -0.648 | -21.2 | 1.789 |
| 248777.9 | 843217.8 | 120.4 | 10.137 | 4.594 | 24.4 | 11.129 | 2.9 | 8.856 | 1.297 | 0.292 | 12.7 | 1.329 | 0.3 | 1.609 | -0.633 | -21.5 | 1.729 |
| 248777.0 | 843217.3 | 120.3 | 10.103 | 4.583 | 24.4 | 11.094 | 2.9 | 8.829 | 1.294 | 0.292 | 12.7 | 1.327 | 0.3 | 1.548 | -0.617 | -21.7 | 1.666 |
| 248776.2 | 843216.8 | 120.2 | 10.070 | 4.573 | 24.4 | 11.059 | 2.9 | 8.801 | 1.291 | 0.292 | 12.7 | 1.324 | 0.3 | 1.484 | -0.601 | -22.0 | 1.601 |
| 248775.3 | 843216.3 | 120.1 | 10.036 | 4.562 | 24.4 | 11.024 | 2.9 | 8.773 | 1.289 | 0.292 | 12.8 | 1.321 | 0.3 | 1.418 | -0.584 | -22.4 | 1.534 |
| 248774.5 | 843215.8 | 120.0 | 10.001 | 4.552 | 24.5 | 10.988 | 2.9 | 8.744 | 1.286 | 0.292 | 12.8 | 1.319 | 0.3 | 1.350 | -0.566 | -22.8 | 1.464 |
| 248773.6 | 843215.3 | 119.9 | 9.975 | 4.544 | 24.5 | 10.961 | 2.9 | 8.723 | 1.284 | 0.291 | 12.8 | 1.316 | 0.4 | 1.297 | -0.552 | -23.1 | 1.410 |
| 248772.7 | 843214.8 | 119.8 | 9.954 | 4.539 | 24.5 | 10.940 | 2.9 | 8.706 | 1.281 | 0.291 | 12.8 | 1.314 | 0.4 | 1.254 | -0.540 | -23.3 | 1.365 |
| 248771.9 | 843214.3 | 119.8 | 9.932 | 4.533 | 24.5 | 10.918 | 2.9 | 8.688 | 1.279 | 0.291 | 12.8 | 1.312 | 0.4 | 1.207 | -0.527 | -23.6 | 1.317 |
| 248771.0 | 843213.8 | 119.7 | 9.910 | 4.528 | 24.6 | 10.895 | 2.9 | 8.670 | 1.277 | 0.291 | 12.8 | 1.310 | 0.4 | 1.157 | -0.513 | -23.9 | 1.266 |

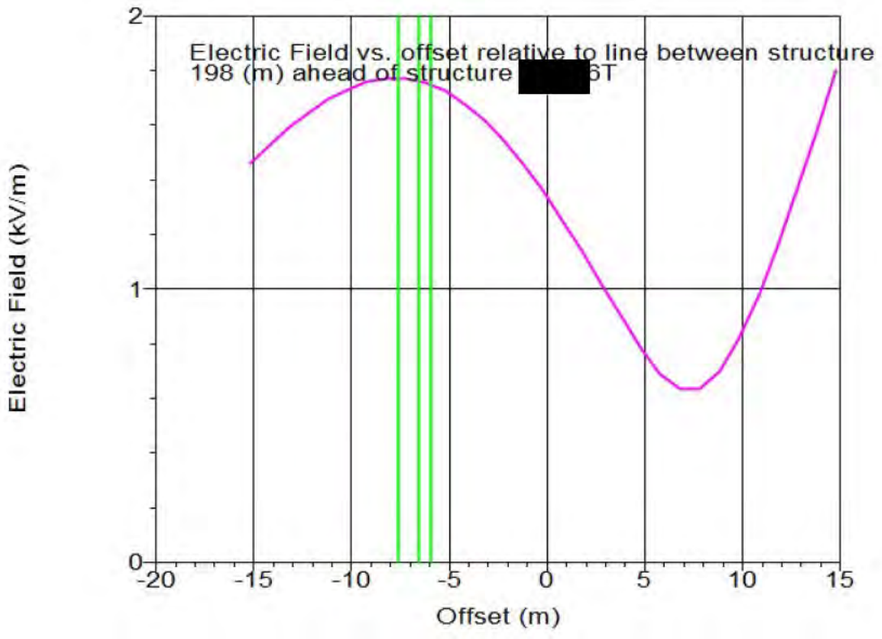
| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248770.1 | 843213.3 | 119.6 | 9.888 | 4.522 | 24.6 | 10.873 | 3.0 | 8.653 | 1.276 | 0.291 | 12.9 | 1.308 | 0.4 | 1.106 | -0.499 | -24.3 | 1.213 |
| 248769.3 | 843212.8 | 119.5 | 9.778 | 4.473 | 24.6 | 10.753 | 3.0 | 8.557 | 1.265 | 0.287 | 12.8 | 1.297 | 0.4 | 0.896 | -0.399 | -24.0 | 0.981 |
| 248768.4 | 843212.3 | 119.4 | 9.759 | 4.469 | 24.6 | 10.734 | 3.0 | 8.542 | 1.263 | 0.287 | 12.8 | 1.296 | 0.4 | 0.844 | -0.385 | -24.5 | 0.928 |
| 248767.5 | 843211.7 | 119.4 | 9.751 | 4.470 | 24.6 | 10.727 | 3.1 | 8.536 | 1.263 | 0.288 | 12.8 | 1.295 | 0.4 | 0.815 | -0.377 | -24.8 | 0.898 |
| 248766.7 | 843211.2 | 119.3 | 9.750 | 4.473 | 24.6 | 10.727 | 3.1 | 8.536 | 1.262 | 0.288 | 12.8 | 1.294 | 0.4 | 0.799 | -0.371 | -24.9 | 0.881 |
| 248765.8 | 843210.7 | 119.3 | 9.748 | 4.477 | 24.7 | 10.727 | 3.1 | 8.536 | 1.261 | 0.288 | 12.9 | 1.294 | 0.4 | 0.778 | -0.364 | -25.1 | 0.858 |
| 248764.9 | 843210.2 | 119.3 | 9.746 | 4.480 | 24.7 | 10.726 | 3.2 | 8.536 | 1.261 | 0.288 | 12.9 | 1.294 | 0.4 | 0.752 | -0.355 | -25.3 | 0.832 |
| 248764.1 | 843209.7 | 119.2 | 9.743 | 4.483 | 24.7 | 10.725 | 3.2 | 8.535 | 1.261 | 0.289 | 12.9 | 1.294 | 0.4 | 0.722 | -0.346 | -25.6 | 0.800 |
| 248763.2 | 843209.2 | 119.2 | 9.740 | 4.486 | 24.7 | 10.723 | 3.2 | 8.533 | 1.262 | 0.289 | 12.9 | 1.294 | 0.4 | 0.687 | -0.336 | -26.1 | 0.764 |
| 248762.4 | 843208.7 | 119.1 | 9.737 | 4.489 | 24.7 | 10.722 | 3.3 | 8.532 | 1.262 | 0.289 | 12.9 | 1.295 | 0.4 | 0.649 | -0.325 | -26.6 | 0.726 |
| 248761.5 | 843208.2 | 119.1 | 9.744 | 4.496 | 24.8 | 10.731 | 3.3 | 8.540 | 1.263 | 0.290 | 12.9 | 1.296 | 0.3 | 0.629 | -0.318 | -26.8 | 0.705 |
| 248760.6 | 843207.7 | 119.1 | 9.750 | 4.503 | 24.8 | 10.740 | 3.4 | 8.546 | 1.264 | 0.290 | 12.9 | 1.297 | 0.3 | 0.604 | -0.309 | -27.1 | 0.678 |
| 248759.8 | 843207.2 | 119.1 | 9.761 | 4.506 | 24.8 | 10.751 | 3.4 | 8.555 | 1.266 | 0.289 | 12.9 | 1.298 | 0.3 | 0.566 | -0.310 | -28.7 | 0.646 |
| 248758.9 | 843206.7 | 119.0 | 9.773 | 4.516 | 24.8 | 10.766 | 3.4 | 8.568 | 1.268 | 0.289 | 12.9 | 1.300 | 0.3 | 0.548 | -0.304 | -29.0 | 0.627 |
| 248758.0 | 843206.2 | 119.0 | 9.786 | 4.526 | 24.8 | 10.782 | 3.5 | 8.580 | 1.270 | 0.290 | 12.9 | 1.302 | 0.3 | 0.525 | -0.296 | -29.4 | 0.602 |
| 248757.2 | 843205.7 | 119.0 | 9.798 | 4.536 | 24.8 | 10.797 | 3.5 | 8.592 | 1.272 | 0.291 | 12.9 | 1.305 | 0.3 | 0.496 | -0.287 | -30.0 | 0.573 |
| 248756.3 | 843205.2 | 119.0 | 9.809 | 4.545 | 24.9 | 10.811 | 3.6 | 8.603 | 1.275 | 0.292 | 12.9 | 1.308 | 0.3 | 0.462 | -0.277 | -30.9 | 0.539 |
| 248755.4 | 843204.7 | 119.0 | 9.822 | 4.555 | 24.9 | 10.826 | 3.6 | 8.615 | 1.278 | 0.292 | 12.9 | 1.311 | 0.3 | 0.427 | -0.266 | -31.9 | 0.503 |
| 248754.6 | 843204.2 | 119.1 | 9.868 | 4.579 | 24.9 | 10.879 | 3.7 | 8.657 | 1.281 | 0.293 | 12.9 | 1.315 | 0.2 | 0.465 | -0.272 | -30.3 | 0.539 |
| 248753.7 | 843203.7 | 119.1 | 9.915 | 4.604 | 24.9 | 10.931 | 3.7 | 8.699 | 1.285 | 0.294 | 12.9 | 1.319 | 0.2 | 0.499 | -0.277 | -29.0 | 0.571 |
| 248752.8 | 843203.2 | 119.2 | 9.961 | 4.628 | 24.9 | 10.984 | 3.8 | 8.741 | 1.290 | 0.296 | 12.9 | 1.323 | 0.2 | 0.528 | -0.281 | -28.0 | 0.598 |
| 248752.0 | 843202.7 | 119.2 | 9.997 | 4.648 | 24.9 | 11.025 | 3.8 | 8.773 | 1.294 | 0.297 | 12.9 | 1.328 | 0.2 | 0.529 | -0.278 | -27.8 | 0.598 |
| 248751.1 | 843202.2 | 119.2 | 10.028 | 4.667 | 25.0 | 11.061 | 3.9 | 8.802 | 1.299 | 0.298 | 12.9 | 1.332 | 0.2 | 0.514 | -0.272 | -27.9 | 0.582 |
| 248750.3 | 843201.7 | 119.3 | 10.059 | 4.685 | 25.0 | 11.096 | 3.9 | 8.830 | 1.304 | 0.299 | 12.9 | 1.337 | 0.2 | 0.495 | -0.265 | -28.2 | 0.561 |
| 248749.4 | 843201.2 | 119.3 | 10.094 | 4.705 | 25.0 | 11.136 | 4.0 | 8.862 | 1.309 | 0.300 | 12.9 | 1.343 | 0.2 | 0.480 | -0.259 | -28.3 | 0.546 |
| 248748.5 | 843200.7 | 119.4 | 10.133 | 4.727 | 25.0 | 11.182 | 4.1 | 8.898 | 1.314 | 0.301 | 12.9 | 1.348 | 0.2 | 0.473 | -0.255 | -28.3 | 0.537 |
| 248747.7 | 843200.2 | 119.4 | 10.199 | 4.760 | 25.0 | 11.255 | 4.1 | 8.957 | 1.320 | 0.303 | 12.9 | 1.354 | 0.1 | 0.520 | -0.262 | -26.8 | 0.582 |
| 248746.8 | 843199.7 | 119.5 | 10.268 | 4.794 | 25.0 | 11.332 | 4.2 | 9.018 | 1.327 | 0.304 | 12.9 | 1.361 | 0.1 | 0.569 | -0.271 | -25.5 | 0.630 |
| 248745.9 | 843199.2 | 119.6 | 10.337 | 4.829 | 25.0 | 11.410 | 4.2 | 9.080 | 1.333 | 0.306 | 12.9 | 1.368 | 0.1 | 0.614 | -0.278 | -24.4 | 0.674 |
| 248745.1 | 843198.7 | 119.7 | 10.404 | 4.863 | 25.1 | 11.484 | 4.3 | 9.139 | 1.340 | 0.307 | 12.9 | 1.374 | 0.1 | 0.649 | -0.284 | -23.6 | 0.708 |
| 248744.2 | 843198.2 | 119.8 | 10.464 | 4.894 | 25.1 | 11.552 | 4.3 | 9.192 | 1.346 | 0.309 | 12.9 | 1.381 | 0.1 | 0.666 | -0.285 | -23.2 | 0.724 |
| 248743.3 | 843197.7 | 119.9 | 10.524 | 4.925 | 25.1 | 11.619 | 4.4 | 9.246 | 1.353 | 0.310 | 12.9 | 1.389 | 0.1 | 0.679 | -0.285 | -22.8 | 0.736 |
| 248742.5 | 843197.2 | 120.0 | 10.586 | 4.957 | 25.1 | 11.689 | 4.4 | 9.302 | 1.361 | 0.312 | 12.9 | 1.396 | 0.1 | 0.693 | -0.285 | -22.4 | 0.749 |
| 248741.6 | 843196.7 | 120.1 | 10.651 | 4.991 | 25.1 | 11.763 | 4.5 | 9.360 | 1.368 | 0.313 | 12.9 | 1.403 | 0.1 | 0.710 | -0.286 | -22.0 | 0.766 |
| 248740.8 | 843196.1 | 120.1 | 10.718 | 5.025 | 25.1 | 11.837 | 4.5 | 9.420 | 1.375 | 0.315 | 12.9 | 1.411 | 0.1 | 0.726 | -0.287 | -21.6 | 0.781 |
| 248739.9 | 843195.6 | 120.2 | 10.784 | 5.060 | 25.1 | 11.912 | 4.6 | 9.480 | 1.383 | 0.317 | 12.9 | 1.419 | 0.1 | 0.739 | -0.287 | -21.3 | 0.793 |
| 248739.0 | 843195.1 | 120.3 | 10.852 | 5.095 | 25.1 | 11.988 | 4.7 | 9.540 | 1.391 | 0.318 | 12.9 | 1.427 | 0.1 | 0.750 | -0.287 | -20.9 | 0.803 |
| 248738.2 | 843194.6 | 120.4 | 10.926 | 5.132 | 25.2 | 12.071 | 4.7 | 9.606 | 1.399 | 0.320 | 12.9 | 1.435 | 0.1 | 0.773 | -0.290 | -20.5 | 0.825 |
| 248737.3 | 843194.1 | 120.5 | 11.000 | 5.171 | 25.2 | 12.155 | 4.8 | 9.673 | 1.407 | 0.321 | 12.9 | 1.443 | 0.1 | 0.793 | -0.291 | -20.2 | 0.844 |
| 248736.4 | 843193.6 | 120.6 | 11.077 | 5.210 | 25.2 | 12.241 | 4.8 | 9.741 | 1.415 | 0.323 | 12.9 | 1.452 | 0.2 | 0.813 | -0.294 | -19.8 | 0.865 |
| 248735.6 | 843193.1 | 120.7 | 11.153 | 5.249 | 25.2 | 12.327 | 4.9 | 9.809 | 1.424 | 0.325 | 12.9 | 1.460 | 0.2 | 0.831 | -0.295 | -19.5 | 0.882 |
| 248734.7 | 843192.6 | 120.8 | 11.230 | 5.289 | 25.2 | 12.413 | 4.9 | 9.878 | 1.432 | 0.326 | 12.8 | 1.469 | 0.2 | 0.847 | -0.296 | -19.3 | 0.897 |
| 248733.8 | 843192.1 | 120.9 | 11.307 | 5.328 | 25.2 | 12.499 | 5.0 | 9.947 | 1.440 | 0.328 | 12.8 | 1.477 | 0.2 | 0.861 | -0.297 | -19.0 | 0.910 |
| 248733.0 | 843191.6 | 121.1 | 11.396 | 5.373 | 25.2 | 12.599 | 5.0 | 10.026 | 1.449 | 0.330 | 12.8 | 1.486 | 0.2 | 0.897 | -0.302 | -18.6 | 0.947 |
| 248732.1 | 843191.1 | 121.2 | 11.487 | 5.419 | 25.3 | 12.701 | 5.1 | 10.107 | 1.458 | 0.331 | 12.8 | 1.495 | 0.2 | 0.934 | -0.308 | -18.3 | 0.984 |
| 248731.2 | 843190.6 | 121.3 | 11.578 | 5.465 | 25.3 | 12.803 | 5.1 | 10.189 | 1.466 | 0.333 | 12.8 | 1.503 | 0.2 | 0.970 | -0.314 | -18.0 | 1.019 |
| 248730.4 | 843190.1 | 121.4 | 11.670 | 5.512 | 25.3 | 12.906 | 5.2 | 10.271 | 1.475 | 0.334 | 12.8 | 1.512 | 0.2 | 1.004 | -0.320 | -17.7 | 1.054 |
| 248729.5 | 843189.6 | 121.6 | 11.762 | 5.559 | 25.3 | 13.010 | 5.2 | 10.353 | 1.483 | 0.336 | 12.7 | 1.521 | 0.2 | 1.037 | -0.325 | -17.4 | 1.086 |
| 248728.7 | 843189.1 | 121.7 | 11.860 | 5.608 | 25.3 | 13.119 | 5.3 | 10.440 | 1.492 | 0.337 | 12.7 | 1.530 | 0.2 | 1.078 | -0.332 | -17.1 | 1.128 |
| 248727.8 | 843188.6 | 121.8 | 11.958 | 5.657 | 25.3 | 13.229 | 5.3 | 10.527 | 1.501 | 0.338 | 12.7 | 1.538 | 0.2 | 1.118 | -0.339 | -16.9 | 1.168 |
| 248726.9 | 843188.1 | 122.0 | 12.064 | 5.711 | 25.3 | 13.347 | 5.4 | 10.622 | 1.509 | 0.340 | 12.7 | 1.547 | 0.2 | 1.173 | -0.349 | -16.6 | 1.224 |
| 248726.1 | 843187.6 | 122.1 | 12.172 | 5.765 | 25.3 | 13.469 | 5.4 | 10.718 | 1.517 | 0.341 | 12.7 | 1.555 | 0.2 | 1.230 | -0.360 | -16.3 | 1.282 |
| 248725.2 | 843187.1 | 122.2 | 12.281 | 5.819 | 25.4 | 13.590 | 5.5 | 10.814 | 1.526 | 0.342 | 12.6 | 1.564 | 0.2 | 1.286 | -0.370 | -16.1 | 1.338 |
| 248724.3 | 843186.6 | 122.4 | 12.383 | 5.871 | 25.4 | 13.704 | 5.5 | 10.905 | 1.534 | 0.343 | 12.6 | 1.572 | 0.2 | 1.327 | -0.377 | -15.9 | 1.380 |
| 248723.5 | 843186.1 | 122.5 | 12.485 | 5.924 | 25.4 | 13.819 | 5.6 | 10.997 | 1.542 | 0.344 | 12.6 | 1.580 | 0.2 | 1.369 | -0.384 | -15.7 | 1.421 |
| 248722.6 | 843185.6 | 122.6 | 12.588 | 5.976 | 25.4 | 13.935 | 5.6 | 11.089 | 1.550 | 0.345 | 12.6 | 1.588 | 0.2 | 1.410 | -0.391 | -15.5 | 1.463 |
| 248721.7 | 843185.1 | 122.8 | 12.691 | 6.030 | 25.4 | 14.051 | 5.7 | 11.181 | 1.557 | 0.346 | 12.5 | 1.595 | 0.2 | 1.451 | -0.398 | -15.4 | 1.505 |
| 248720.9 | 843184.6 | 122.9 | 12.799 | 6.085 | 25.4 | 14.172 | 5.7 | 11.278 | 1.565 | 0.347 | 12.5 | 1.603 | 0.2 | 1.499 | -0.407 | -15.2 | 1.554 |
| 248720.0 | 843184.1 | 123.1 | 12.913 | 6.143 | 25.4 | 14.299 | 5.8 | 11.379 | 1.572 | 0.347 | 12.5 | 1.610 | 0.2 | 1.558 | -0.418 | -15.0 | 1.614 |
| 248719.1 | 843183.6 | 123.2 | 13.002 | 6.191 | 25.5 | 14.401 | 5.8 | 11.460 | 1.579 | 0.348 | 12.4 | 1.616 | 0.3 | 1.572 | -0.419 | -14.9 | 1.627 |
| 248718.3 | 843183.1 | 123.3 | 13.092 | 6.240 | 25.5 | 14.503 | 5.9 | 11.541 | 1.585 | 0.348 | 12.4 | 1.623 | 0.3 | 1.586 | -0.420 | -14.8 | 1.641 |
| 248717.4 | 843182.6 | 123.4 | 13.182 | 6.289 | 25.5 | 14.605 | 5.9 | 11.622 | 1.591 | 0.348 | 12.3 | 1.629 | 0.3 | 1.601 | -0.421 | -14.7 | 1.655 |
| 248716.6 | 843182.1 | 123.5 | 13.343 | 6.394 | 25.6 | 14.796 | 6.1 | 11.774 | 1.607 | 0.356 | 12.5 | 1.647 | 0.3 | 1.713 | -0.489 | -15.9 | 1.781 |
| 248715.7 | 843181.6 | 123.6 | 13.440 | 6.447 | 25.6 | 14.907 | 6.1 | 11.862 | 1.613 | 0.356 | 12.5 | 1.652 | 0.3 | 1.744 | -0.494 | -15.8 | 1.812 |
| 248714.8 | 843181.1 | 123.7 | 13.525 | 6.495 | 25.6 | 15.004 | 6.2 | 11.940 | 1.618 | 0.356 | 12.4 | 1.657 | 0.3 | 1.752 | -0.494 | -15.7 | 1.821 |
| 248714.0 | 843180.6 | 123.9 | 13.610 | 6.542 | 25.7 | 15.101 | 6.2 | 12.017 | 1.623 | 0.356 | 12.4 | 1.662 | 0.3 | 1.762 | -0.494 | -15.7 | 1.830 |
| 248713.1 | 843180.0 | 124.0 | 13.695 | 6.591 | 25.7 | 15.199 | 6.3 | 12.095 | 1.628 | 0.355 | 12.3 | 1.666 | 0.3 | 1.772 | -0.495 | -15.6 | 1.840 |
| 248712.2 | 843179.5 | 124.1 | 13.787 | 6.642 | 25.7 | 15.303 | 6.3 | 12.178 | 1.632 | 0.354 | 12.3 | 1.670 | 0.3 | 1.794 | -0.498 | -15.5 | 1.861 |
| 248711.4 | 843179.0 | 124.2 | 13.878 | 6.693 | 25.7 | 15.408 | 6.4 | 12.261 | 1.636 | 0.354 | 12.2 | 1.674 | 0.3 | 1.816 | -0.501 | -15.4 | 1.884 |
| 248710.5 | 843178.5 | 124.3 | 13.970 | 6.745 | 25.8 | 15.513 | 6.4 | 12.345 | 1.639 | 0.352 | 12.1 | 1.677 | 0.3 | 1.840 | -0.504 | -15.3 | 1.908 |
| 248709.6 | 843178.0 | 124.4 | 14.061 | 6.797 | 25.8 | 15.618 | 6.5 | 12.428 | 1.643 | 0.351 | 12.1 | 1.680 | 0.3 | 1.864 | -0.507 | -15.2 | 1.932 |
| 248708.8 | 843177.5 | 124.5 | 14.153 | 6.850 | 25.8 | 15.723 | 6.5 | 12.512 | 1.645 | 0.350 | 12.0 | 1.682 | 0.3 | 1.890 | -0.511 | -15.1 | 1.958 |
| 248707.9 | 843177.0 | 124.7 | 14.246 | 6.903 | 25.9 | 15.831 | 6.6 | 12.598 | 1.648 | 0.348 | 11.9 | 1.684 | 0.3 | 1.920 | -0.516 | -15.0 | 1.988 |
| 248707.0 | 843176.5 | 124.8 | 14.340 | 6.957 | 25.9 | 15.939 | 6.6 | 12.684 | 1.650 | 0.346 | 11.9 | 1.686 | 0.3 | 1.950 | -0.520 | -14.9 | 2.018 |
| 248706.2 | 843176.0 | 124.9 | 14.433 | 7.012 | 25.9 | 16.046 | 6.7 | 12.769 | 1.651 | 0.344 | 11.8 | 1.687 | 0.3 | 1.982 | -0.525 | -14.8 | 2.050 |
| 248705.3 | 843175.5 | 125.0 | 14.516 | 7.062 | 25.9 | 16.142 | 6.7 | 12.846 | 1.652 | 0.342 | 11.7 | 1.687 | 0.3 | 1.996 | -0.526 | -14.8 | 2.064 |
| 248704.5 | 843175.0 | 125.1 | 14.593 | 7.110 | 26.0 | 16.233 | 6.8 | 12.918 | 1.653 | 0.340 | 11.6 | 1.687 | 0.3 | 2.004 | -0.526 | -14.7 | 2.072 |
| 248703.6 | 843174.5 | 125.2 | 14.685 | 7.165 | 26.0 | 16.340 | 6.8 | 13.003 | 1.653 | 0.337 | 11.5 | 1.687 | 0.3 | 2.037 | -0.531 | -14.6 | 2.105 |
| 248702.7 | 843174.0 | 125.3 | 14.787 | 7.224 | 26.0 | 16.458 | 6.9 | 13.097 | 1.653 | 0.334 | 11.4 | 1.687 | 0.3 | 2.088 | -0.539 | -14.5 | 2.156 |
| 248701.9 | 843173.5 | 125.5 | 14.889 | 7.284 | 26.1 | 16.575 | 6.9 | 13.190 | 1.653 | 0.331 | 11.3 | 1.685 | 0.3 | 2.139 | -0.547 | -14.3 | 2.208 |
| 248701.0 | 843173.0 | 125.6 | 14.991 | 7.344 | 26.1 | 16.694 | 7.0 | 13.284 | 1.651 | 0.327 | 11.2 | 1.684 | 0.3 | 2.191 | -0.555 | -14.2 | 2.260 |
| 248700.1 | 843172.5 | 125.7 | 15.071 | 7.395 | 26.1 | 16.787 | 7.0 | 13.359 | 1.650 | 0.323 | 11.1 | 1.681 | 0.3 | 2.210 | -0.556 | -14.1 | 2.279 |
| 248699.3 | 843172.0 | 125.8 | 15.132 | 7.440 | 26.2 | 16.862 | 7.1 | 13.419 | 1.647 | 0.319 | 11.0 | 1.678 | 0.3 | 2.203 | -0.553 | -14.1 | 2.271 |
| 248698.4 | 843171.5 | 125.9 | 15.193 | 7.484 | 26.2 | 16.936 | 7.2 | 13.478 | 1.644 | 0.315 | 10.9 | 1.674 | 0.3 | 2.197 | -0.550 | -14.0 | 2.265 |
| 248697.5 | 843171.0 | 126.0 | 15.253 | 7.528 | 26.3 | 17.010 | 7.2 | 13.536 | 1.641 | 0.311 | 10.7 | 1.670 | 0.3 | 2.193 | -0.547 | -14.0 | 2.260 |
| 248696.7 | 843170.5 | 126.1 | 15.313 | 7.573 | 26.3 | 17.083 | 7.3 | 13.594 | 1.637 | 0.306 | 10.6 | 1.665 | 0.3 | 2.190 | -0.544 | -13.9 | 2.256 |
| 248695.8 | 843170.0 | 126.2 | 15.380 | 7.620 | 26.4 | 17.164 | 7.4 | 13.659 | 1.632 | 0.301 | 10.4 | 1.660 | 0.3 | 2.200 | -0.543 | -13.9 | 2.266 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248695.0 | 843169.5 | 126.3 | 15.455 | 7.672 | 26.4 | 17.255 | 7.4 | 13.731 | 1.627 | 0.295 | 10.3 | 1.654 | 0.2 | 2.227 | -0.545 | -13.8 | 2.292 |
| 248694.1 | 843169.0 | 126.4 | 15.543 | 7.730 | 26.4 | 17.359 | 7.5 | 13.814 | 1.621 | 0.289 | 10.1 | 1.647 | 0.2 | 2.272 | -0.551 | -13.6 | 2.338 |
| 248693.2 | 843168.5 | 126.5 | 15.630 | 7.788 | 26.5 | 17.463 | 7.6 | 13.896 | 1.615 | 0.283 | 9.9 | 1.640 | 0.2 | 2.318 | -0.556 | -13.5 | 2.384 |
| 248692.4 | 843168.0 | 126.6 | 15.707 | 7.841 | 26.5 | 17.555 | 7.6 | 13.970 | 1.608 | 0.277 | 9.8 | 1.632 | 0.2 | 2.352 | -0.559 | -13.4 | 2.417 |
| 248691.5 | 843167.5 | 126.7 | 15.773 | 7.891 | 26.6 | 17.637 | 7.7 | 14.035 | 1.601 | 0.270 | 9.6 | 1.623 | 0.2 | 2.373 | -0.559 | -13.3 | 2.438 |
| 248690.6 | 843167.0 | 126.8 | 15.820 | 7.933 | 26.6 | 17.698 | 7.8 | 14.083 | 1.592 | 0.263 | 9.4 | 1.614 | 0.2 | 2.369 | -0.555 | -13.2 | 2.433 |
| 248689.8 | 843166.5 | 126.9 | 15.866 | 7.975 | 26.7 | 17.757 | 7.8 | 14.131 | 1.583 | 0.256 | 9.2 | 1.604 | 0.2 | 2.367 | -0.550 | -13.1 | 2.430 |
| 248688.9 | 843166.0 | 126.9 | 15.867 | 7.998 | 26.8 | 17.769 | 7.9 | 14.140 | 1.573 | 0.248 | 8.9 | 1.593 | 0.3 | 2.307 | -0.537 | -13.1 | 2.369 |
| 248688.0 | 843165.5 | 127.0 | 15.899 | 8.034 | 26.8 | 17.814 | 8.0 | 14.176 | 1.563 | 0.239 | 8.7 | 1.581 | 0.3 | 2.294 | -0.532 | -13.0 | 2.355 |
| 248687.2 | 843165.0 | 127.1 | 15.941 | 8.076 | 26.9 | 17.870 | 8.1 | 14.220 | 1.552 | 0.231 | 8.5 | 1.569 | 0.3 | 2.296 | -0.528 | -13.0 | 2.356 |
| 248686.3 | 843164.4 | 127.2 | 15.981 | 8.116 | 26.9 | 17.924 | 8.2 | 14.264 | 1.540 | 0.222 | 8.2 | 1.556 | 0.3 | 2.299 | -0.524 | -12.8 | 2.358 |
| 248685.4 | 843163.9 | 127.2 | 16.021 | 8.157 | 27.0 | 17.978 | 8.3 | 14.306 | 1.528 | 0.213 | 7.9 | 1.543 | 0.4 | 2.303 | -0.520 | -12.7 | 2.361 |
| 248684.6 | 843163.4 | 127.3 | 16.058 | 8.198 | 27.0 | 18.030 | 8.4 | 14.348 | 1.515 | 0.203 | 7.6 | 1.529 | 0.4 | 2.309 | -0.516 | -12.6 | 2.366 |
| 248683.7 | 843162.9 | 127.4 | 16.095 | 8.238 | 27.1 | 18.081 | 8.5 | 14.388 | 1.502 | 0.193 | 7.3 | 1.514 | 0.5 | 2.315 | -0.512 | -12.5 | 2.371 |
| 248682.9 | 843162.4 | 127.5 | 16.130 | 8.278 | 27.2 | 18.130 | 8.6 | 14.427 | 1.488 | 0.183 | 7.0 | 1.499 | 0.6 | 2.322 | -0.507 | -12.3 | 2.376 |
| 248682.0 | 843161.9 | 127.6 | 16.163 | 8.318 | 27.2 | 18.178 | 8.6 | 14.465 | 1.473 | 0.172 | 6.7 | 1.483 | 0.6 | 2.329 | -0.502 | -12.2 | 2.383 |
| 248681.1 | 843161.4 | 127.7 | 16.195 | 8.357 | 27.3 | 18.224 | 8.7 | 14.502 | 1.458 | 0.161 | 6.3 | 1.467 | 0.7 | 2.337 | -0.496 | -12.0 | 2.389 |
| 248680.3 | 843160.9 | 127.7 | 16.210 | 8.389 | 27.4 | 18.252 | 8.9 | 14.525 | 1.442 | 0.149 | 5.9 | 1.450 | 0.8 | 2.328 | -0.488 | -11.9 | 2.379 |
| 248679.4 | 843160.4 | 127.8 | 16.210 | 8.415 | 27.4 | 18.263 | 9.0 | 14.534 | 1.426 | 0.137 | 5.5 | 1.432 | 0.9 | 2.303 | -0.479 | -11.7 | 2.352 |
| 248678.5 | 843159.9 | 127.8 | 16.207 | 8.439 | 27.5 | 18.273 | 9.1 | 14.541 | 1.409 | 0.125 | 5.1 | 1.414 | 1.0 | 2.280 | -0.469 | -11.6 | 2.327 |
| 248677.7 | 843159.4 | 127.9 | 16.203 | 8.463 | 27.6 | 18.280 | 9.2 | 14.547 | 1.391 | 0.112 | 4.6 | 1.395 | 1.1 | 2.257 | -0.459 | -11.5 | 2.303 |
| 248676.8 | 843158.9 | 128.0 | 16.197 | 8.487 | 27.7 | 18.285 | 9.3 | 14.551 | 1.373 | 0.100 | 4.1 | 1.376 | 1.2 | 2.235 | -0.449 | -11.4 | 2.280 |
| 248675.9 | 843158.4 | 128.0 | 16.188 | 8.509 | 27.7 | 18.288 | 9.5 | 14.553 | 1.354 | 0.086 | 3.7 | 1.357 | 1.3 | 2.215 | -0.438 | -11.2 | 2.257 |
| 248675.1 | 843157.9 | 128.1 | 16.178 | 8.531 | 27.8 | 18.289 | 9.6 | 14.554 | 1.334 | 0.073 | 3.1 | 1.336 | 1.5 | 2.194 | -0.427 | -11.0 | 2.236 |
| 248674.2 | 843157.4 | 128.1 | 16.165 | 8.552 | 27.9 | 18.288 | 9.7 | 14.553 | 1.315 | 0.060 | 2.6 | 1.316 | 1.6 | 2.175 | -0.416 | -10.8 | 2.214 |
| 248673.3 | 843156.9 | 128.2 | 16.150 | 8.572 | 28.0 | 18.284 | 9.8 | 14.550 | 1.294 | 0.048 | 2.1 | 1.295 | 1.8 | 2.156 | -0.404 | -10.6 | 2.194 |
| 248672.5 | 843156.4 | 128.3 | 16.133 | 8.591 | 28.0 | 18.278 | 10.0 | 14.545 | 1.273 | 0.037 | 1.7 | 1.274 | 2.0 | 2.138 | -0.391 | -10.4 | 2.174 |
| 248671.6 | 843155.9 | 128.3 | 16.114 | 8.609 | 28.1 | 18.270 | 10.1 | 14.539 | 1.252 | 0.030 | 1.4 | 1.252 | 2.2 | 2.121 | -0.377 | -10.1 | 2.154 |
| 248670.8 | 843155.4 | 128.4 | 16.096 | 8.628 | 28.2 | 18.262 | 10.3 | 14.533 | 1.230 | 0.031 | 1.5 | 1.231 | 2.5 | 2.106 | -0.363 | -9.8 | 2.138 |
| 248669.9 | 843154.9 | 128.4 | 16.083 | 8.650 | 28.3 | 18.262 | 10.4 | 14.532 | 1.208 | 0.040 | 1.9 | 1.209 | 2.8 | 2.101 | -0.348 | -9.4 | 2.129 |
| 248669.0 | 843154.4 | 128.5 | 16.069 | 8.670 | 28.4 | 18.259 | 10.6 | 14.530 | 1.186 | 0.053 | 2.6 | 1.187 | 3.2 | 2.095 | -0.331 | -9.0 | 2.121 |
| 248668.2 | 843153.9 | 128.6 | 16.052 | 8.690 | 28.4 | 18.253 | 10.7 | 14.525 | 1.163 | 0.068 | 3.4 | 1.165 | 3.6 | 2.089 | -0.313 | -8.5 | 2.112 |
| 248667.3 | 843153.4 | 128.6 | 16.010 | 8.698 | 28.5 | 18.221 | 10.9 | 14.499 | 1.139 | 0.084 | 4.2 | 1.142 | 4.0 | 2.063 | -0.295 | -8.1 | 2.084 |
| 248666.4 | 843152.9 | 128.7 | 15.960 | 8.702 | 28.6 | 18.178 | 11.1 | 14.466 | 1.115 | 0.100 | 5.1 | 1.120 | 4.4 | 2.033 | -0.277 | -7.8 | 2.051 |
| 248665.6 | 843152.4 | 128.7 | 15.908 | 8.704 | 28.7 | 18.133 | 11.2 | 14.430 | 1.091 | 0.117 | 6.1 | 1.097 | 4.8 | 2.003 | -0.258 | -7.4 | 2.019 |
| 248664.7 | 843151.9 | 128.8 | 15.852 | 8.705 | 28.8 | 18.085 | 11.4 | 14.392 | 1.066 | 0.135 | 7.2 | 1.074 | 5.2 | 1.974 | -0.239 | -6.9 | 1.988 |
| 248663.8 | 843151.4 | 128.8 | 15.794 | 8.705 | 28.9 | 18.034 | 11.6 | 14.351 | 1.041 | 0.153 | 8.4 | 1.052 | 5.7 | 1.945 | -0.219 | -6.4 | 1.957 |
| 248663.0 | 843150.9 | 128.9 | 15.733 | 8.703 | 28.9 | 17.980 | 11.8 | 14.308 | 1.015 | 0.171 | 9.6 | 1.030 | 6.3 | 1.917 | -0.198 | -5.9 | 1.927 |
| 248662.1 | 843150.4 | 128.9 | 15.670 | 8.699 | 29.0 | 17.923 | 12.0 | 14.262 | 0.990 | 0.190 | 10.9 | 1.008 | 6.8 | 1.890 | -0.176 | -5.3 | 1.898 |
| 248661.2 | 843149.9 | 129.0 | 15.607 | 8.696 | 29.1 | 17.866 | 12.2 | 14.217 | 0.964 | 0.209 | 12.2 | 0.986 | 7.5 | 1.865 | -0.152 | -4.7 | 1.872 |
| 248660.4 | 843149.4 | 129.0 | 15.543 | 8.692 | 29.2 | 17.808 | 12.4 | 14.171 | 0.938 | 0.228 | 13.7 | 0.965 | 8.3 | 1.843 | -0.128 | -4.0 | 1.847 |
| 248659.5 | 843148.8 | 129.1 | 15.476 | 8.686 | 29.3 | 17.747 | 12.6 | 14.123 | 0.912 | 0.247 | 15.2 | 0.945 | 9.1 | 1.821 | -0.102 | -3.2 | 1.823 |
| 248658.7 | 843148.3 | 129.1 | 15.405 | 8.679 | 29.4 | 17.682 | 12.8 | 14.071 | 0.885 | 0.266 | 16.7 | 0.925 | 9.9 | 1.798 | -0.075 | -2.4 | 1.799 |
| 248657.8 | 843147.8 | 129.2 | 15.332 | 8.670 | 29.5 | 17.613 | 13.0 | 14.016 | 0.859 | 0.286 | 18.4 | 0.905 | 10.9 | 1.775 | -0.048 | -1.5 | 1.775 |
| 248656.9 | 843147.3 | 129.2 | 15.255 | 8.659 | 29.6 | 17.542 | 13.2 | 13.959 | 0.833 | 0.306 | 20.1 | 0.887 | 11.9 | 1.752 | -0.019 | -0.6 | 1.752 |
| 248656.1 | 843146.8 | 129.2 | 15.176 | 8.647 | 29.7 | 17.467 | 13.5 | 13.900 | 0.806 | 0.325 | 22.0 | 0.869 | 12.9 | 1.729 | 0.011 | 0.3 | 1.730 |
| 248655.2 | 843146.3 | 129.3 | 15.094 | 8.634 | 29.8 | 17.389 | 13.7 | 13.838 | 0.780 | 0.345 | 23.9 | 0.853 | 14.1 | 1.707 | 0.041 | 1.4 | 1.707 |
| 248654.3 | 843145.8 | 129.3 | 14.997 | 8.612 | 29.9 | 17.294 | 13.9 | 13.762 | 0.753 | 0.364 | 25.8 | 0.837 | 15.1 | 1.677 | 0.069 | 2.4 | 1.678 |
| 248653.5 | 843145.3 | 129.4 | 14.872 | 8.574 | 30.0 | 17.166 | 14.2 | 13.661 | 0.726 | 0.383 | 27.8 | 0.821 | 15.8 | 1.633 | 0.089 | 3.1 | 1.635 |
| 248652.6 | 843144.8 | 129.4 | 14.744 | 8.535 | 30.1 | 17.036 | 14.5 | 13.557 | 0.699 | 0.402 | 29.9 | 0.806 | 16.5 | 1.590 | 0.109 | 3.9 | 1.594 |
| 248651.7 | 843144.3 | 129.4 | 14.614 | 8.495 | 30.2 | 16.903 | 14.8 | 13.451 | 0.672 | 0.421 | 32.1 | 0.793 | 17.2 | 1.549 | 0.129 | 4.8 | 1.554 |
| 248650.9 | 843143.8 | 129.4 | 14.482 | 8.453 | 30.3 | 16.769 | 15.0 | 13.344 | 0.645 | 0.440 | 34.3 | 0.781 | 17.9 | 1.509 | 0.148 | 5.6 | 1.516 |
| 248650.0 | 843143.3 | 129.4 | 14.349 | 8.410 | 30.4 | 16.632 | 15.3 | 13.235 | 0.618 | 0.459 | 36.6 | 0.770 | 18.6 | 1.471 | 0.167 | 6.5 | 1.481 |
| 248649.1 | 843142.8 | 129.4 | 14.209 | 8.363 | 30.5 | 16.488 | 15.6 | 13.121 | 0.591 | 0.477 | 38.9 | 0.760 | 19.1 | 1.432 | 0.184 | 7.3 | 1.444 |
| 248648.3 | 843142.3 | 129.5 | 14.066 | 8.314 | 30.6 | 16.339 | 15.9 | 13.002 | 0.564 | 0.496 | 41.3 | 0.751 | 19.5 | 1.394 | 0.199 | 8.1 | 1.408 |
| 248647.4 | 843141.8 | 129.5 | 13.922 | 8.265 | 30.7 | 16.190 | 16.2 | 12.883 | 0.538 | 0.514 | 43.7 | 0.744 | 19.9 | 1.357 | 0.214 | 9.0 | 1.373 |
| 248646.6 | 843141.3 | 129.5 | 13.777 | 8.215 | 30.8 | 16.040 | 16.5 | 12.764 | 0.512 | 0.532 | 46.1 | 0.738 | 20.2 | 1.322 | 0.228 | 9.8 | 1.341 |
| 248645.7 | 843140.8 | 129.5 | 13.633 | 8.164 | 30.9 | 15.891 | 16.8 | 12.645 | 0.486 | 0.549 | 48.5 | 0.734 | 20.4 | 1.288 | 0.242 | 10.6 | 1.311 |
| 248644.8 | 843140.3 | 129.5 | 13.489 | 8.114 | 31.0 | 15.742 | 17.2 | 12.527 | 0.461 | 0.567 | 50.9 | 0.730 | 20.5 | 1.257 | 0.255 | 11.5 | 1.282 |
| 248644.0 | 843139.8 | 129.5 | 13.347 | 8.065 | 31.1 | 15.594 | 17.5 | 12.410 | 0.435 | 0.584 | 53.3 | 0.728 | 20.5 | 1.227 | 0.267 | 12.3 | 1.256 |
| 248643.1 | 843139.3 | 129.5 | 13.206 | 8.016 | 31.3 | 15.449 | 17.8 | 12.294 | 0.410 | 0.601 | 55.7 | 0.728 | 20.5 | 1.199 | 0.280 | 13.1 | 1.231 |
| 248642.2 | 843138.8 | 129.5 | 13.068 | 7.969 | 31.4 | 15.306 | 18.1 | 12.180 | 0.386 | 0.618 | 58.0 | 0.729 | 20.4 | 1.172 | 0.291 | 14.0 | 1.207 |
| 248641.4 | 843138.3 | 129.5 | 12.933 | 7.923 | 31.5 | 15.167 | 18.4 | 12.070 | 0.362 | 0.635 | 60.3 | 0.730 | 20.3 | 1.147 | 0.303 | 14.8 | 1.186 |
| 248640.5 | 843137.8 | 129.6 | 12.806 | 7.881 | 31.6 | 15.037 | 18.7 | 11.966 | 0.338 | 0.651 | 62.6 | 0.734 | 20.2 | 1.124 | 0.317 | 15.7 | 1.168 |
| 248639.6 | 843137.3 | 129.6 | 12.683 | 7.842 | 31.7 | 14.911 | 19.0 | 11.866 | 0.315 | 0.668 | 64.8 | 0.738 | 20.0 | 1.103 | 0.330 | 16.7 | 1.151 |
| 248638.8 | 843136.8 | 129.6 | 12.554 | 7.798 | 31.8 | 14.778 | 19.3 | 11.760 | 0.291 | 0.684 | 66.9 | 0.743 | 19.5 | 1.080 | 0.336 | 17.3 | 1.131 |
| 248637.9 | 843136.3 | 129.6 | 12.466 | 7.779 | 32.0 | 14.694 | 19.6 | 11.693 | 0.270 | 0.701 | 68.9 | 0.751 | 19.7 | 1.066 | 0.366 | 19.0 | 1.127 |
| 248637.1 | 843135.8 | 129.7 | 12.397 | 7.771 | 32.1 | 14.631 | 19.8 | 11.643 | 0.251 | 0.717 | 70.7 | 0.760 | 20.1 | 1.054 | 0.406 | 21.1 | 1.130 |
| 248636.2 | 843135.3 | 129.7 | 12.330 | 7.764 | 32.2 | 14.571 | 20.1 | 11.595 | 0.233 | 0.734 | 72.4 | 0.770 | 20.4 | 1.041 | 0.445 | 23.1 | 1.132 |
| 248635.3 | 843134.8 | 129.7 | 12.254 | 7.750 | 32.3 | 14.499 | 20.3 | 11.538 | 0.215 | 0.751 | 74.0 | 0.781 | 20.2 | 1.024 | 0.471 | 24.7 | 1.127 |
| 248634.5 | 843134.3 | 129.8 | 12.187 | 7.741 | 32.4 | 14.438 | 20.5 | 11.489 | 0.198 | 0.768 | 75.5 | 0.793 | 20.1 | 1.007 | 0.499 | 26.4 | 1.124 |
| 248633.6 | 843133.8 | 129.7 | 12.055 | 7.690 | 32.5 | 14.299 | 20.8 | 11.379 | 0.176 | 0.785 | 77.3 | 0.804 | 18.6 | 0.982 | 0.470 | 25.6 | 1.089 |
| 248632.7 | 843133.2 | 129.8 | 12.060 | 7.724 | 32.6 | 14.322 | 20.9 | 11.397 | 0.170 | 0.803 | 78.0 | 0.820 | 19.3 | 0.969 | 0.543 | 29.3 | 1.111 |
| 248631.9 | 843132.7 | 129.9 | 12.081 | 7.769 | 32.7 | 14.363 | 21.1 | 11.430 | 0.169 | 0.821 | 78.4 | 0.838 | 20.0 | 0.953 | 0.625 | 33.2 | 1.139 |

Max BF along centerline is 18.289 (uT) at 198.000 (m) from structure [redacted]-6T

Cross section results at max BF along centerline between structures [redacted]-6T and [redacted]/[redacted]-7




3D EMF Point Results Span from [redacted]-6T to [redacted]/[redacted]-7:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248682.7 | 843144.8 | 127.8 | 10.492 | 5.373 | 27.1 | 11.788 | 17.2 | 9.380 | 1.397 | 0.409 | 16.3 | 1.456 | 0.6 | 1.170 | -0.313 | -15.0 | 1.211 |
| 248682.2 | 843145.6 | 127.8 | 10.958 | 5.574 | 27.0 | 12.294 | 16.8 | 9.783 | 1.469 | 0.411 | 15.6 | 1.526 | 0.6 | 1.320 | -0.346 | -14.7 | 1.364 |
| 248681.7 | 843146.5 | 127.8 | 11.405 | 5.770 | 26.8 | 12.782 | 16.3 | 10.171 | 1.536 | 0.410 | 14.9 | 1.590 | 0.6 | 1.431 | -0.367 | -14.4 | 1.477 |
| 248681.2 | 843147.4 | 127.8 | 11.851 | 5.967 | 26.7 | 13.268 | 15.8 | 10.559 | 1.596 | 0.406 | 14.3 | 1.647 | 0.5 | 1.540 | -0.385 | -14.0 | 1.588 |
| 248680.7 | 843148.2 | 127.8 | 12.291 | 6.167 | 26.6 | 13.752 | 15.2 | 10.943 | 1.647 | 0.399 | 13.6 | 1.695 | 0.5 | 1.646 | -0.402 | -13.7 | 1.694 |
| 248680.2 | 843149.1 | 127.9 | 12.724 | 6.368 | 26.6 | 14.228 | 14.7 | 11.322 | 1.688 | 0.389 | 13.0 | 1.733 | 0.5 | 1.746 | -0.417 | -13.4 | 1.795 |
| 248679.7 | 843150.0 | 127.9 | 13.144 | 6.570 | 26.6 | 14.695 | 14.2 | 11.694 | 1.718 | 0.376 | 12.4 | 1.759 | 0.4 | 1.839 | -0.430 | -13.2 | 1.888 |
| 248679.2 | 843150.8 | 127.9 | 13.551 | 6.774 | 26.6 | 15.150 | 13.6 | 12.056 | 1.734 | 0.360 | 11.7 | 1.771 | 0.4 | 1.923 | -0.440 | -12.9 | 1.972 |
| 248678.7 | 843151.7 | 127.9 | 13.943 | 6.979 | 26.6 | 15.592 | 13.1 | 12.408 | 1.737 | 0.339 | 11.0 | 1.770 | 0.3 | 2.000 | -0.449 | -12.6 | 2.049 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248678.2 | 843152.5 | 127.9 | 14.316 | 7.187 | 26.7 | 16.018 | 12.5 | 12.747 | 1.726 | 0.315 | 10.3 | 1.754 | 0.3 | 2.064 | -0.454 | -12.4 | 2.114 |
| 248677.7 | 843153.4 | 128.0 | 14.668 | 7.395 | 26.8 | 16.427 | 12.0 | 13.072 | 1.699 | 0.287 | 9.6 | 1.723 | 0.4 | 2.116 | -0.458 | -12.2 | 2.165 |
| 248677.2 | 843154.3 | 128.0 | 14.988 | 7.601 | 26.9 | 16.805 | 11.5 | 13.373 | 1.658 | 0.255 | 8.7 | 1.678 | 0.4 | 2.140 | -0.456 | -12.0 | 2.188 |
| 248676.7 | 843155.1 | 128.0 | 15.277 | 7.805 | 27.1 | 17.156 | 11.0 | 13.652 | 1.602 | 0.219 | 7.8 | 1.617 | 0.5 | 2.140 | -0.450 | -11.9 | 2.187 |
| 248676.2 | 843156.0 | 128.0 | 15.544 | 8.011 | 27.3 | 17.487 | 10.5 | 13.916 | 1.532 | 0.178 | 6.6 | 1.542 | 0.6 | 2.128 | -0.443 | -11.8 | 2.174 |
| 248675.7 | 843156.9 | 128.0 | 15.843 | 8.244 | 27.5 | 17.860 | 10.1 | 14.213 | 1.450 | 0.133 | 5.2 | 1.456 | 0.9 | 2.169 | -0.439 | -11.5 | 2.213 |
| 248675.2 | 843157.7 | 128.1 | 16.124 | 8.483 | 27.7 | 18.219 | 9.7 | 14.498 | 1.355 | 0.083 | 3.5 | 1.357 | 1.4 | 2.192 | -0.430 | -11.1 | 2.234 |
| 248674.7 | 843158.6 | 128.1 | 16.387 | 8.727 | 28.0 | 18.566 | 9.3 | 14.774 | 1.249 | 0.036 | 1.6 | 1.249 | 2.0 | 2.197 | -0.414 | -10.7 | 2.236 |
| 248674.2 | 843159.5 | 128.2 | 16.635 | 8.977 | 28.4 | 18.903 | 8.9 | 15.042 | 1.133 | 0.050 | 2.5 | 1.134 | 3.0 | 2.184 | -0.391 | -10.1 | 2.219 |
| 248673.7 | 843160.3 | 128.2 | 16.870 | 9.236 | 28.7 | 19.233 | 8.6 | 15.305 | 1.008 | 0.113 | 6.4 | 1.014 | 4.6 | 2.153 | -0.360 | -9.5 | 2.183 |
| 248673.2 | 843161.2 | 128.3 | 17.094 | 9.503 | 29.1 | 19.558 | 8.4 | 15.564 | 0.875 | 0.187 | 12.0 | 0.895 | 7.2 | 2.105 | -0.320 | -8.6 | 2.129 |
| 248672.7 | 843162.1 | 128.3 | 17.311 | 9.781 | 29.5 | 19.883 | 8.2 | 15.822 | 0.736 | 0.268 | 20.0 | 0.783 | 11.1 | 2.039 | -0.270 | -7.6 | 2.057 |
| 248672.2 | 843162.9 | 128.4 | 17.521 | 10.069 | 29.9 | 20.208 | 8.1 | 16.081 | 0.591 | 0.357 | 31.1 | 0.691 | 16.8 | 1.957 | -0.210 | -6.1 | 1.969 |
| 248671.7 | 843163.8 | 128.4 | 17.728 | 10.369 | 30.3 | 20.538 | 8.0 | 16.344 | 0.444 | 0.455 | 45.7 | 0.636 | 23.3 | 1.859 | -0.139 | -4.3 | 1.864 |
| 248671.1 | 843164.6 | 128.4 | 17.934 | 10.681 | 30.8 | 20.874 | 8.0 | 16.611 | 0.300 | 0.560 | 61.8 | 0.636 | 26.7 | 1.745 | -0.054 | -1.8 | 1.745 |
| 248670.6 | 843165.5 | 128.5 | 18.138 | 11.006 | 31.2 | 21.216 | 8.0 | 16.883 | 0.183 | 0.675 | 74.8 | 0.699 | 24.2 | 1.614 | 0.044 | 1.6 | 1.615 |
| 248670.1 | 843166.4 | 128.5 | 18.327 | 11.333 | 31.7 | 21.548 | 8.1 | 17.147 | 0.177 | 0.797 | 77.5 | 0.817 | 18.8 | 1.469 | 0.149 | 5.8 | 1.476 |
| 248669.6 | 843167.2 | 128.6 | 18.513 | 11.670 | 32.2 | 21.884 | 8.3 | 17.415 | 0.298 | 0.928 | 72.2 | 0.975 | 13.9 | 1.311 | 0.267 | 11.5 | 1.338 |
| 248669.1 | 843168.1 | 128.6 | 18.718 | 12.031 | 32.7 | 22.251 | 8.6 | 17.707 | 0.458 | 1.067 | 66.8 | 1.161 | 10.4 | 1.135 | 0.416 | 20.1 | 1.208 |
| 248668.6 | 843169.0 | 128.7 | 18.919 | 12.400 | 33.2 | 22.621 | 8.9 | 18.001 | 0.629 | 1.212 | 62.6 | 1.366 | 7.9 | 0.941 | 0.583 | 31.8 | 1.107 |
| 248668.1 | 843169.8 | 128.8 | 19.159 | 12.808 | 33.8 | 23.046 | 9.3 | 18.340 | 0.805 | 1.363 | 59.4 | 1.583 | 6.3 | 0.706 | 0.813 | 49.0 | 1.076 |
| 248667.6 | 843170.7 | 128.8 | 19.341 | 13.182 | 34.3 | 23.406 | 9.8 | 18.626 | 0.981 | 1.517 | 57.1 | 1.806 | 5.0 | 0.474 | 1.022 | 65.1 | 1.127 |

Centerline results between structures [redacted]/[redacted]-8 and [redacted]-9T

**3D EMF Point Results Centerline from [redacted]/[redacted]-8 to [redacted]-9T:**

| -------Measurement------- | | | -------------------------B-------------------------- | | | | | H | ------------------------EF------------------------- | | | | | ----------Space Potential---------- | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Y | Z | Real | Imaginary | Angle | Magnitude | Polarization | Magnitude | Real | Imaginary | Angle | Magnitude | Polarization | Real | Imaginary | Angle | Magnitude |
| (m) | (m) | (m) | (uT) | (uT) | (deg) | (uT) | Axial Ratio % | (A/m) | (kV/m) | (kV/m) | (deg) | (kV/m) | Axial Ratio % | (kV) | (kV) | (deg) | (kV) |
| 248290.5 | 842781.2 | 141.9 | 7.948 | 5.051 | 32.4 | 9.418 | 26.3 | 7.494 | 0.219 | 0.569 | 69.0 | 0.610 | 21.2 | 0.900 | 0.542 | 31.1 | 1.051 |
| 248289.9 | 842780.4 | 142.0 | 8.008 | 5.078 | 32.4 | 9.482 | 26.2 | 7.546 | 0.228 | 0.567 | 68.1 | 0.611 | 21.7 | 0.915 | 0.553 | 31.2 | 1.070 |
| 248289.3 | 842779.6 | 142.0 | 8.077 | 5.110 | 32.3 | 9.558 | 26.1 | 7.606 | 0.237 | 0.565 | 67.2 | 0.612 | 22.2 | 0.932 | 0.566 | 31.3 | 1.091 |
| 248288.7 | 842778.8 | 142.1 | 8.157 | 5.148 | 32.3 | 9.646 | 25.9 | 7.676 | 0.247 | 0.563 | 66.3 | 0.615 | 22.8 | 0.951 | 0.581 | 31.4 | 1.115 |
| 248288.1 | 842778.0 | 142.2 | 8.259 | 5.199 | 32.2 | 9.759 | 25.8 | 7.766 | 0.258 | 0.562 | 65.3 | 0.618 | 23.7 | 0.977 | 0.608 | 31.9 | 1.150 |
| 248287.5 | 842777.2 | 142.3 | 8.367 | 5.251 | 32.1 | 9.878 | 25.6 | 7.861 | 0.269 | 0.561 | 64.4 | 0.622 | 24.6 | 1.002 | 0.632 | 32.2 | 1.185 |
| 248286.9 | 842776.3 | 142.3 | 8.470 | 5.300 | 32.0 | 9.992 | 25.5 | 7.951 | 0.279 | 0.560 | 63.5 | 0.625 | 25.2 | 1.025 | 0.644 | 32.1 | 1.211 |
| 248286.4 | 842775.5 | 142.3 | 8.533 | 5.324 | 32.0 | 10.058 | 25.3 | 8.004 | 0.287 | 0.559 | 62.8 | 0.628 | 24.6 | 1.031 | 0.617 | 30.9 | 1.201 |
| 248285.8 | 842774.7 | 142.2 | 8.598 | 5.348 | 31.9 | 10.126 | 25.1 | 8.058 | 0.294 | 0.558 | 62.2 | 0.630 | 24.0 | 1.035 | 0.585 | 29.5 | 1.189 |
| 248285.2 | 842773.9 | 142.2 | 8.673 | 5.378 | 31.8 | 10.205 | 24.9 | 8.121 | 0.302 | 0.557 | 61.5 | 0.634 | 23.5 | 1.041 | 0.558 | 28.2 | 1.181 |
| 248284.6 | 842773.1 | 142.2 | 8.767 | 5.419 | 31.7 | 10.306 | 24.7 | 8.201 | 0.312 | 0.556 | 60.7 | 0.637 | 23.2 | 1.053 | 0.541 | 27.2 | 1.184 |
| 248284.0 | 842772.3 | 142.2 | 8.868 | 5.463 | 31.6 | 10.416 | 24.5 | 8.289 | 0.321 | 0.555 | 59.9 | 0.642 | 23.0 | 1.066 | 0.526 | 26.3 | 1.189 |
| 248283.4 | 842771.5 | 142.2 | 8.976 | 5.512 | 31.6 | 10.533 | 24.3 | 8.382 | 0.331 | 0.555 | 59.2 | 0.646 | 22.9 | 1.081 | 0.513 | 25.4 | 1.197 |
| 248282.8 | 842770.7 | 142.2 | 9.091 | 5.565 | 31.5 | 10.658 | 24.0 | 8.482 | 0.342 | 0.554 | 58.3 | 0.651 | 22.8 | 1.098 | 0.501 | 24.5 | 1.207 |
| 248282.2 | 842769.9 | 142.2 | 9.225 | 5.629 | 31.4 | 10.807 | 23.8 | 8.600 | 0.353 | 0.553 | 57.5 | 0.656 | 23.1 | 1.123 | 0.501 | 24.1 | 1.230 |
| 248281.6 | 842769.1 | 142.2 | 9.367 | 5.697 | 31.3 | 10.963 | 23.6 | 8.724 | 0.364 | 0.553 | 56.6 | 0.662 | 23.4 | 1.151 | 0.504 | 23.6 | 1.256 |
| 248281.0 | 842768.3 | 142.2 | 9.513 | 5.767 | 31.2 | 11.124 | 23.3 | 8.852 | 0.376 | 0.552 | 55.7 | 0.668 | 23.7 | 1.180 | 0.506 | 23.2 | 1.283 |
| 248280.4 | 842767.5 | 142.1 | 9.643 | 5.827 | 31.1 | 11.267 | 23.1 | 8.966 | 0.388 | 0.551 | 54.9 | 0.673 | 23.7 | 1.201 | 0.495 | 22.4 | 1.299 |
| 248279.8 | 842766.7 | 142.1 | 9.778 | 5.890 | 31.1 | 11.415 | 22.8 | 9.084 | 0.399 | 0.549 | 54.0 | 0.679 | 23.6 | 1.225 | 0.485 | 21.6 | 1.317 |
| 248279.2 | 842765.9 | 142.1 | 9.908 | 5.951 | 31.0 | 11.558 | 22.6 | 9.197 | 0.411 | 0.548 | 53.1 | 0.685 | 23.5 | 1.246 | 0.471 | 20.7 | 1.332 |
| 248278.6 | 842765.1 | 142.0 | 10.030 | 6.006 | 30.9 | 11.690 | 22.4 | 9.303 | 0.422 | 0.546 | 52.3 | 0.690 | 23.1 | 1.263 | 0.450 | 19.6 | 1.341 |
| 248278.1 | 842764.3 | 142.0 | 10.154 | 6.063 | 30.8 | 11.826 | 22.1 | 9.411 | 0.433 | 0.544 | 51.4 | 0.695 | 22.8 | 1.282 | 0.430 | 18.5 | 1.352 |
| 248277.5 | 842763.5 | 141.9 | 10.281 | 6.121 | 30.8 | 11.965 | 21.9 | 9.522 | 0.445 | 0.541 | 50.6 | 0.701 | 22.5 | 1.302 | 0.412 | 17.5 | 1.365 |
| 248276.9 | 842762.7 | 141.9 | 10.411 | 6.180 | 30.7 | 12.107 | 21.7 | 9.634 | 0.457 | 0.539 | 49.7 | 0.707 | 22.2 | 1.323 | 0.394 | 16.6 | 1.380 |
| 248276.3 | 842761.8 | 141.8 | 10.542 | 6.241 | 30.6 | 12.250 | 21.5 | 9.748 | 0.470 | 0.536 | 48.7 | 0.712 | 21.9 | 1.345 | 0.378 | 15.7 | 1.397 |
| 248275.7 | 842761.0 | 141.8 | 10.667 | 6.298 | 30.6 | 12.388 | 21.3 | 9.858 | 0.482 | 0.532 | 47.8 | 0.718 | 21.6 | 1.365 | 0.358 | 14.7 | 1.411 |
| 248275.1 | 842760.2 | 141.7 | 10.779 | 6.347 | 30.5 | 12.509 | 21.0 | 9.954 | 0.494 | 0.529 | 46.9 | 0.724 | 20.9 | 1.377 | 0.331 | 13.5 | 1.416 |
| 248274.5 | 842759.4 | 141.6 | 10.887 | 6.393 | 30.4 | 12.625 | 20.8 | 10.047 | 0.506 | 0.525 | 46.0 | 0.729 | 20.2 | 1.387 | 0.302 | 12.3 | 1.420 |
| 248273.9 | 842758.6 | 141.5 | 10.995 | 6.440 | 30.4 | 12.742 | 20.7 | 10.140 | 0.518 | 0.520 | 45.1 | 0.735 | 19.5 | 1.398 | 0.274 | 11.1 | 1.425 |
| 248273.3 | 842757.8 | 141.4 | 11.104 | 6.487 | 30.3 | 12.860 | 20.5 | 10.234 | 0.531 | 0.516 | 44.2 | 0.740 | 18.8 | 1.410 | 0.247 | 10.0 | 1.431 |
| 248272.7 | 842757.0 | 141.4 | 11.214 | 6.534 | 30.2 | 12.979 | 20.3 | 10.328 | 0.544 | 0.511 | 43.2 | 0.746 | 18.2 | 1.421 | 0.222 | 8.9 | 1.438 |
| 248272.1 | 842756.2 | 141.3 | 11.324 | 6.582 | 30.2 | 13.098 | 20.1 | 10.423 | 0.557 | 0.506 | 42.3 | 0.753 | 17.5 | 1.433 | 0.197 | 7.8 | 1.447 |
| 248271.5 | 842755.4 | 141.2 | 11.434 | 6.629 | 30.1 | 13.217 | 19.9 | 10.518 | 0.570 | 0.501 | 41.3 | 0.759 | 16.9 | 1.445 | 0.174 | 6.9 | 1.456 |
| 248270.9 | 842754.6 | 141.1 | 11.545 | 6.677 | 30.0 | 13.336 | 19.7 | 10.613 | 0.584 | 0.496 | 40.3 | 0.766 | 16.3 | 1.458 | 0.152 | 6.0 | 1.466 |
| 248270.4 | 842753.8 | 141.0 | 11.659 | 6.726 | 30.0 | 13.460 | 19.5 | 10.711 | 0.597 | 0.490 | 39.4 | 0.773 | 15.8 | 1.473 | 0.133 | 5.2 | 1.479 |
| 248269.8 | 842753.0 | 141.0 | 11.788 | 6.784 | 29.9 | 13.601 | 19.3 | 10.823 | 0.612 | 0.484 | 38.4 | 0.780 | 15.5 | 1.497 | 0.122 | 4.6 | 1.502 |
| 248269.2 | 842752.2 | 140.9 | 11.918 | 6.841 | 29.9 | 13.742 | 19.2 | 10.936 | 0.626 | 0.478 | 37.4 | 0.788 | 15.3 | 1.521 | 0.111 | 4.2 | 1.525 |
| 248268.6 | 842751.4 | 140.8 | 12.039 | 6.893 | 29.8 | 13.873 | 19.0 | 11.039 | 0.641 | 0.472 | 36.4 | 0.796 | 14.9 | 1.540 | 0.097 | 3.6 | 1.543 |
| 248268.0 | 842750.6 | 140.8 | 12.145 | 6.937 | 29.7 | 13.987 | 18.8 | 11.131 | 0.655 | 0.465 | 35.4 | 0.804 | 14.3 | 1.551 | 0.077 | 2.8 | 1.553 |
| 248267.4 | 842749.8 | 140.7 | 12.256 | 6.983 | 29.7 | 14.106 | 18.6 | 11.225 | 0.670 | 0.459 | 34.4 | 0.812 | 13.8 | 1.564 | 0.060 | 2.2 | 1.565 |
| 248266.8 | 842749.0 | 140.6 | 12.372 | 7.032 | 29.6 | 14.231 | 18.5 | 11.324 | 0.685 | 0.452 | 33.4 | 0.820 | 13.4 | 1.580 | 0.046 | 1.7 | 1.581 |
| 248266.2 | 842748.2 | 140.5 | 12.488 | 7.081 | 29.6 | 14.355 | 18.3 | 11.424 | 0.700 | 0.445 | 32.4 | 0.829 | 13.0 | 1.596 | 0.032 | 1.2 | 1.597 |
| 248265.6 | 842747.3 | 140.4 | 12.603 | 7.129 | 29.5 | 14.480 | 18.1 | 11.523 | 0.715 | 0.437 | 31.4 | 0.838 | 12.6 | 1.613 | 0.020 | 0.7 | 1.613 |
| 248265.0 | 842746.5 | 140.4 | 12.719 | 7.177 | 29.4 | 14.604 | 18.0 | 11.622 | 0.731 | 0.430 | 30.5 | 0.848 | 12.2 | 1.629 | 0.008 | 0.3 | 1.629 |
| 248264.4 | 842745.7 | 140.3 | 12.835 | 7.224 | 29.4 | 14.728 | 17.8 | 11.720 | 0.747 | 0.422 | 29.5 | 0.858 | 11.8 | 1.645 | -0.004 | -0.1 | 1.645 |
| 248263.8 | 842744.9 | 140.2 | 12.950 | 7.271 | 29.3 | 14.852 | 17.7 | 11.819 | 0.763 | 0.415 | 28.5 | 0.868 | 11.4 | 1.661 | -0.014 | -0.5 | 1.661 |
| 248263.2 | 842744.1 | 140.1 | 13.066 | 7.318 | 29.3 | 14.976 | 17.5 | 11.917 | 0.779 | 0.407 | 27.6 | 0.879 | 11.1 | 1.677 | -0.024 | -0.8 | 1.677 |
| 248262.7 | 842743.3 | 140.0 | 13.181 | 7.364 | 29.2 | 15.099 | 17.3 | 12.015 | 0.795 | 0.399 | 26.6 | 0.889 | 10.7 | 1.692 | -0.034 | -1.1 | 1.693 |
| 248262.1 | 842742.5 | 140.0 | 13.296 | 7.410 | 29.1 | 15.222 | 17.2 | 12.113 | 0.811 | 0.391 | 25.7 | 0.901 | 10.4 | 1.707 | -0.043 | -1.4 | 1.708 |
| 248261.5 | 842741.7 | 139.9 | 13.411 | 7.456 | 29.1 | 15.344 | 17.0 | 12.211 | 0.828 | 0.383 | 24.8 | 0.912 | 10.1 | 1.722 | -0.051 | -1.7 | 1.723 |
| 248260.9 | 842740.9 | 139.8 | 13.530 | 7.503 | 29.0 | 15.472 | 16.9 | 12.312 | 0.845 | 0.374 | 23.9 | 0.924 | 9.8 | 1.741 | -0.058 | -1.9 | 1.742 |
| 248260.3 | 842740.1 | 139.8 | 13.684 | 7.568 | 28.9 | 15.638 | 16.7 | 12.444 | 0.863 | 0.366 | 23.0 | 0.937 | 10.0 | 1.784 | -0.053 | -1.7 | 1.785 |
| 248259.7 | 842739.3 | 139.7 | 13.839 | 7.633 | 28.9 | 15.804 | 16.5 | 12.577 | 0.880 | 0.358 | 22.1 | 0.950 | 10.1 | 1.828 | -0.049 | -1.5 | 1.829 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248259.1 | 842738.5 | 139.7 | 13.988 | 7.694 | 28.8 | 15.964 | 16.4 | 12.704 | 0.898 | 0.349 | 21.3 | 0.964 | 10.1 | 1.868 | -0.046 | -1.4 | 1.869 |
| 248258.5 | 842737.7 | 139.6 | 14.109 | 7.741 | 28.8 | 16.093 | 16.2 | 12.807 | 0.916 | 0.341 | 20.4 | 0.977 | 9.9 | 1.889 | -0.052 | -1.6 | 1.889 |
| 248257.9 | 842736.9 | 139.5 | 14.200 | 7.773 | 28.7 | 16.188 | 16.1 | 12.882 | 0.932 | 0.332 | 19.6 | 0.990 | 9.4 | 1.886 | -0.064 | -2.0 | 1.887 |
| 248257.3 | 842736.1 | 139.4 | 14.288 | 7.802 | 28.6 | 16.279 | 16.0 | 12.954 | 0.949 | 0.322 | 18.8 | 1.003 | 8.9 | 1.880 | -0.077 | -2.3 | 1.882 |
| 248256.7 | 842735.3 | 139.3 | 14.382 | 7.834 | 28.6 | 16.377 | 15.8 | 13.033 | 0.967 | 0.313 | 18.0 | 1.016 | 8.5 | 1.879 | -0.087 | -2.7 | 1.881 |
| 248256.1 | 842734.5 | 139.2 | 14.475 | 7.866 | 28.5 | 16.475 | 15.7 | 13.110 | 0.984 | 0.304 | 17.2 | 1.030 | 8.1 | 1.876 | -0.097 | -2.9 | 1.879 |
| 248255.5 | 842733.7 | 139.1 | 14.568 | 7.897 | 28.5 | 16.571 | 15.6 | 13.187 | 1.001 | 0.295 | 16.4 | 1.044 | 7.7 | 1.873 | -0.105 | -3.2 | 1.876 |
| 248254.9 | 842732.8 | 139.0 | 14.661 | 7.928 | 28.4 | 16.667 | 15.4 | 13.263 | 1.019 | 0.285 | 15.6 | 1.058 | 7.3 | 1.869 | -0.113 | -3.5 | 1.872 |
| 248254.4 | 842732.0 | 138.9 | 14.752 | 7.958 | 28.3 | 16.762 | 15.3 | 13.339 | 1.036 | 0.276 | 14.9 | 1.072 | 7.0 | 1.863 | -0.121 | -3.7 | 1.867 |
| 248253.8 | 842731.2 | 138.8 | 14.843 | 7.988 | 28.3 | 16.856 | 15.2 | 13.414 | 1.054 | 0.266 | 14.2 | 1.087 | 6.6 | 1.856 | -0.127 | -3.9 | 1.860 |
| 248253.2 | 842730.4 | 138.7 | 14.933 | 8.017 | 28.2 | 16.949 | 15.0 | 13.488 | 1.072 | 0.256 | 13.4 | 1.102 | 6.3 | 1.847 | -0.133 | -4.1 | 1.852 |
| 248252.6 | 842729.6 | 138.6 | 15.023 | 8.045 | 28.2 | 17.042 | 14.9 | 13.561 | 1.090 | 0.247 | 12.7 | 1.117 | 6.0 | 1.837 | -0.139 | -4.3 | 1.842 |
| 248252.0 | 842728.8 | 138.6 | 15.112 | 8.073 | 28.1 | 17.133 | 14.8 | 13.634 | 1.108 | 0.237 | 12.1 | 1.133 | 5.7 | 1.826 | -0.144 | -4.5 | 1.831 |
| 248251.4 | 842728.0 | 138.5 | 15.200 | 8.100 | 28.1 | 17.224 | 14.7 | 13.706 | 1.126 | 0.227 | 11.4 | 1.149 | 5.4 | 1.812 | -0.148 | -4.7 | 1.818 |
| 248250.8 | 842727.2 | 138.4 | 15.288 | 8.128 | 28.0 | 17.315 | 14.5 | 13.778 | 1.144 | 0.217 | 10.7 | 1.165 | 5.1 | 1.798 | -0.151 | -4.8 | 1.804 |
| 248250.2 | 842726.4 | 138.3 | 15.380 | 8.156 | 27.9 | 17.409 | 14.4 | 13.853 | 1.163 | 0.207 | 10.1 | 1.181 | 4.9 | 1.785 | -0.154 | -4.9 | 1.791 |
| 248249.6 | 842725.6 | 138.2 | 15.470 | 8.184 | 27.9 | 17.502 | 14.3 | 13.927 | 1.182 | 0.197 | 9.5 | 1.198 | 4.6 | 1.769 | -0.156 | -5.0 | 1.776 |
| 248249.0 | 842724.8 | 138.1 | 15.560 | 8.211 | 27.8 | 17.594 | 14.2 | 14.001 | 1.201 | 0.188 | 8.9 | 1.215 | 4.4 | 1.752 | -0.157 | -5.1 | 1.759 |
| 248248.4 | 842724.0 | 138.0 | 15.650 | 8.238 | 27.8 | 17.686 | 14.1 | 14.074 | 1.220 | 0.178 | 8.3 | 1.233 | 4.2 | 1.732 | -0.158 | -5.2 | 1.739 |
| 248247.8 | 842723.2 | 137.9 | 15.747 | 8.268 | 27.7 | 17.786 | 13.9 | 14.153 | 1.240 | 0.168 | 7.7 | 1.251 | 4.0 | 1.718 | -0.157 | -5.2 | 1.725 |
| 248247.2 | 842722.4 | 137.9 | 15.864 | 8.308 | 27.6 | 17.908 | 13.8 | 14.251 | 1.260 | 0.158 | 7.1 | 1.270 | 3.9 | 1.720 | -0.154 | -5.1 | 1.726 |
| 248246.7 | 842721.6 | 137.8 | 15.981 | 8.347 | 27.6 | 18.029 | 13.7 | 14.347 | 1.280 | 0.148 | 6.6 | 1.289 | 3.8 | 1.720 | -0.150 | -5.0 | 1.726 |
| 248246.1 | 842720.8 | 137.7 | 16.097 | 8.385 | 27.5 | 18.150 | 13.5 | 14.444 | 1.301 | 0.139 | 6.1 | 1.308 | 3.7 | 1.717 | -0.147 | -4.9 | 1.724 |
| 248245.5 | 842720.0 | 137.6 | 16.213 | 8.423 | 27.5 | 18.271 | 13.4 | 14.539 | 1.322 | 0.129 | 5.6 | 1.328 | 3.7 | 1.713 | -0.144 | -4.8 | 1.719 |
| 248244.9 | 842719.2 | 137.6 | 16.326 | 8.459 | 27.4 | 18.387 | 13.3 | 14.632 | 1.343 | 0.119 | 5.1 | 1.348 | 3.5 | 1.704 | -0.140 | -4.7 | 1.709 |
| 248244.3 | 842718.3 | 137.5 | 16.438 | 8.494 | 27.3 | 18.503 | 13.2 | 14.724 | 1.364 | 0.110 | 4.6 | 1.369 | 3.4 | 1.692 | -0.137 | -4.6 | 1.697 |
| 248243.7 | 842717.5 | 137.4 | 16.550 | 8.529 | 27.3 | 18.619 | 13.0 | 14.816 | 1.386 | 0.100 | 4.1 | 1.390 | 3.3 | 1.677 | -0.134 | -4.6 | 1.683 |
| 248243.1 | 842716.7 | 137.4 | 16.661 | 8.564 | 27.2 | 18.733 | 12.9 | 14.908 | 1.408 | 0.091 | 3.7 | 1.411 | 3.2 | 1.661 | -0.130 | -4.5 | 1.666 |
| 248242.5 | 842715.9 | 137.3 | 16.772 | 8.598 | 27.1 | 18.848 | 12.8 | 14.998 | 1.431 | 0.082 | 3.3 | 1.433 | 3.1 | 1.641 | -0.126 | -4.4 | 1.646 |
| 248241.9 | 842715.1 | 137.2 | 16.890 | 8.635 | 27.1 | 18.969 | 12.7 | 15.095 | 1.453 | 0.073 | 2.9 | 1.455 | 3.0 | 1.626 | -0.122 | -4.3 | 1.630 |
| 248241.3 | 842714.3 | 137.2 | 17.021 | 8.677 | 27.0 | 19.106 | 12.6 | 15.204 | 1.477 | 0.065 | 2.5 | 1.478 | 2.9 | 1.622 | -0.118 | -4.1 | 1.627 |
| 248240.7 | 842713.5 | 137.1 | 17.153 | 8.720 | 26.9 | 19.242 | 12.4 | 15.312 | 1.500 | 0.057 | 2.2 | 1.501 | 2.8 | 1.617 | -0.113 | -4.0 | 1.621 |
| 248240.1 | 842712.7 | 137.1 | 17.331 | 8.782 | 26.9 | 19.429 | 12.3 | 15.461 | 1.525 | 0.052 | 2.0 | 1.526 | 2.9 | 1.656 | -0.108 | -3.7 | 1.660 |
| 248239.5 | 842711.9 | 137.1 | 17.516 | 8.847 | 26.8 | 19.623 | 12.1 | 15.615 | 1.550 | 0.049 | 1.8 | 1.550 | 3.0 | 1.702 | -0.103 | -3.5 | 1.705 |
| 248239.0 | 842711.1 | 137.1 | 17.702 | 8.911 | 26.7 | 19.818 | 12.0 | 15.771 | 1.575 | 0.049 | 1.8 | 1.575 | 3.1 | 1.747 | -0.100 | -3.3 | 1.749 |
| 248238.4 | 842710.3 | 137.0 | 17.889 | 8.976 | 26.6 | 20.014 | 11.8 | 15.927 | 1.600 | 0.050 | 1.8 | 1.601 | 3.1 | 1.791 | -0.097 | -3.1 | 1.794 |
| 248237.8 | 842709.5 | 137.0 | 18.056 | 9.031 | 26.6 | 20.189 | 11.7 | 16.066 | 1.625 | 0.053 | 1.9 | 1.626 | 3.1 | 1.816 | -0.094 | -3.0 | 1.818 |
| 248237.2 | 842708.7 | 137.0 | 18.223 | 9.086 | 26.5 | 20.363 | 11.6 | 16.204 | 1.651 | 0.058 | 2.0 | 1.652 | 3.1 | 1.838 | -0.093 | -2.9 | 1.840 |
| 248236.6 | 842707.9 | 136.9 | 18.391 | 9.140 | 26.4 | 20.537 | 11.4 | 16.343 | 1.676 | 0.063 | 2.2 | 1.678 | 3.1 | 1.859 | -0.091 | -2.8 | 1.862 |
| 248236.0 | 842707.1 | 136.9 | 18.559 | 9.194 | 26.4 | 20.711 | 11.3 | 16.482 | 1.702 | 0.070 | 2.4 | 1.704 | 3.0 | 1.880 | -0.090 | -2.8 | 1.883 |
| 248235.4 | 842706.3 | 136.9 | 18.718 | 9.244 | 26.3 | 20.876 | 11.2 | 16.613 | 1.728 | 0.078 | 2.6 | 1.730 | 3.0 | 1.891 | -0.090 | -2.7 | 1.893 |
| 248234.8 | 842705.5 | 136.8 | 18.847 | 9.281 | 26.2 | 21.009 | 11.1 | 16.718 | 1.754 | 0.085 | 2.8 | 1.756 | 2.9 | 1.870 | -0.088 | -2.7 | 1.872 |
| 248234.2 | 842704.7 | 136.7 | 18.977 | 9.317 | 26.1 | 21.140 | 10.9 | 16.823 | 1.779 | 0.093 | 3.0 | 1.782 | 2.7 | 1.846 | -0.086 | -2.7 | 1.848 |
| 248233.6 | 842703.8 | 136.7 | 19.106 | 9.353 | 26.1 | 21.272 | 10.8 | 16.928 | 1.805 | 0.101 | 3.2 | 1.808 | 2.6 | 1.821 | -0.084 | -2.6 | 1.823 |
| 248233.0 | 842703.0 | 136.6 | 19.234 | 9.388 | 26.0 | 21.403 | 10.7 | 17.032 | 1.831 | 0.110 | 3.4 | 1.834 | 2.5 | 1.793 | -0.082 | -2.6 | 1.795 |
| 248232.4 | 842702.2 | 136.6 | 19.366 | 9.425 | 26.0 | 21.537 | 10.6 | 17.139 | 1.858 | 0.119 | 3.7 | 1.861 | 2.4 | 1.766 | -0.079 | -2.6 | 1.768 |
| 248231.8 | 842701.4 | 136.5 | 19.516 | 9.468 | 25.9 | 21.691 | 10.5 | 17.261 | 1.884 | 0.128 | 3.9 | 1.889 | 2.3 | 1.757 | -0.078 | -2.5 | 1.759 |
| 248231.3 | 842700.6 | 136.5 | 19.666 | 9.511 | 25.8 | 21.845 | 10.4 | 17.384 | 1.912 | 0.138 | 4.1 | 1.917 | 2.2 | 1.745 | -0.077 | -2.5 | 1.747 |
| 248230.7 | 842699.8 | 136.4 | 19.816 | 9.554 | 25.7 | 21.999 | 10.3 | 17.506 | 1.939 | 0.148 | 4.4 | 1.945 | 2.1 | 1.731 | -0.075 | -2.5 | 1.733 |
| 248230.1 | 842699.0 | 136.4 | 19.966 | 9.596 | 25.7 | 22.152 | 10.1 | 17.628 | 1.967 | 0.158 | 4.6 | 1.974 | 2.0 | 1.715 | -0.074 | -2.5 | 1.716 |
| 248229.5 | 842698.2 | 136.3 | 20.116 | 9.638 | 25.6 | 22.306 | 10.0 | 17.751 | 1.996 | 0.168 | 4.8 | 2.003 | 1.9 | 1.695 | -0.072 | -2.4 | 1.697 |
| 248228.9 | 842697.4 | 136.3 | 20.267 | 9.680 | 25.5 | 22.460 | 9.9 | 17.873 | 2.025 | 0.178 | 5.0 | 2.033 | 1.8 | 1.673 | -0.070 | -2.4 | 1.674 |
| 248228.3 | 842696.6 | 136.3 | 20.417 | 9.721 | 25.5 | 22.613 | 9.8 | 17.995 | 2.054 | 0.188 | 5.2 | 2.063 | 1.7 | 1.647 | -0.068 | -2.4 | 1.648 |
| 248227.7 | 842695.8 | 136.2 | 20.602 | 9.775 | 25.4 | 22.803 | 9.7 | 18.146 | 2.085 | 0.199 | 5.5 | 2.095 | 1.7 | 1.656 | -0.069 | -2.4 | 1.657 |
| 248227.1 | 842695.0 | 136.2 | 20.842 | 9.851 | 25.3 | 23.053 | 9.5 | 18.345 | 2.117 | 0.210 | 5.7 | 2.127 | 1.7 | 1.723 | -0.076 | -2.5 | 1.725 |
| 248226.5 | 842694.2 | 136.2 | 21.085 | 9.926 | 25.2 | 23.305 | 9.4 | 18.545 | 2.150 | 0.222 | 5.9 | 2.161 | 1.7 | 1.790 | -0.084 | -2.7 | 1.792 |
| 248225.9 | 842693.4 | 136.2 | 21.330 | 10.001 | 25.1 | 23.559 | 9.2 | 18.747 | 2.183 | 0.233 | 6.1 | 2.195 | 1.7 | 1.856 | -0.093 | -2.9 | 1.859 |
| 248225.3 | 842692.6 | 136.2 | 21.578 | 10.077 | 25.0 | 23.815 | 9.1 | 18.951 | 2.217 | 0.245 | 6.3 | 2.230 | 1.7 | 1.921 | -0.102 | -3.0 | 1.924 |
| 248224.7 | 842691.8 | 136.2 | 21.821 | 10.150 | 24.9 | 24.066 | 9.0 | 19.151 | 2.251 | 0.256 | 6.5 | 2.265 | 1.6 | 1.979 | -0.111 | -3.2 | 1.982 |
| 248224.1 | 842691.0 | 136.2 | 22.040 | 10.213 | 24.9 | 24.291 | 8.8 | 19.330 | 2.285 | 0.267 | 6.7 | 2.301 | 1.6 | 2.006 | -0.117 | -3.3 | 2.010 |
| 248223.5 | 842690.1 | 136.2 | 22.261 | 10.276 | 24.8 | 24.519 | 8.7 | 19.511 | 2.320 | 0.279 | 6.8 | 2.337 | 1.6 | 2.032 | -0.124 | -3.5 | 2.036 |
| 248223.0 | 842689.3 | 136.2 | 22.484 | 10.339 | 24.7 | 24.747 | 8.6 | 19.693 | 2.356 | 0.290 | 7.0 | 2.373 | 1.5 | 2.056 | -0.130 | -3.6 | 2.060 |
| 248222.4 | 842688.5 | 136.2 | 22.712 | 10.403 | 24.6 | 24.982 | 8.5 | 19.880 | 2.392 | 0.301 | 7.2 | 2.411 | 1.5 | 2.083 | -0.137 | -3.8 | 2.088 |
| 248221.8 | 842687.7 | 136.2 | 22.944 | 10.468 | 24.5 | 25.219 | 8.3 | 20.069 | 2.428 | 0.313 | 7.3 | 2.448 | 1.4 | 2.111 | -0.144 | -3.9 | 2.116 |
| 248221.2 | 842686.9 | 136.2 | 23.178 | 10.533 | 24.4 | 25.459 | 8.2 | 20.259 | 2.465 | 0.324 | 7.5 | 2.487 | 1.4 | 2.137 | -0.152 | -4.1 | 2.143 |
| 248220.6 | 842686.1 | 136.2 | 23.413 | 10.598 | 24.4 | 25.700 | 8.1 | 20.451 | 2.503 | 0.336 | 7.6 | 2.525 | 1.3 | 2.162 | -0.159 | -4.2 | 2.168 |
| 248220.0 | 842685.3 | 136.1 | 23.650 | 10.663 | 24.3 | 25.943 | 7.9 | 20.644 | 2.541 | 0.347 | 7.8 | 2.565 | 1.2 | 2.185 | -0.167 | -4.4 | 2.192 |
| 248219.4 | 842684.5 | 136.1 | 23.889 | 10.727 | 24.2 | 26.187 | 7.8 | 20.839 | 2.580 | 0.359 | 7.9 | 2.605 | 1.2 | 2.207 | -0.174 | -4.5 | 2.214 |
| 248218.8 | 842683.7 | 136.1 | 24.130 | 10.792 | 24.1 | 26.433 | 7.7 | 21.035 | 2.619 | 0.371 | 8.1 | 2.645 | 1.1 | 2.228 | -0.182 | -4.7 | 2.235 |
| 248218.2 | 842682.9 | 136.1 | 24.373 | 10.856 | 24.0 | 26.681 | 7.6 | 21.232 | 2.659 | 0.382 | 8.2 | 2.686 | 1.1 | 2.248 | -0.189 | -4.8 | 2.256 |
| 248217.6 | 842682.1 | 136.1 | 24.649 | 10.932 | 23.9 | 26.965 | 7.4 | 21.458 | 2.700 | 0.394 | 8.3 | 2.729 | 1.1 | 2.302 | -0.202 | -5.0 | 2.311 |
| 248217.0 | 842681.3 | 136.1 | 24.939 | 11.011 | 23.8 | 27.262 | 7.3 | 21.694 | 2.742 | 0.406 | 8.4 | 2.772 | 1.0 | 2.368 | -0.217 | -5.2 | 2.378 |
| 248216.4 | 842680.5 | 136.2 | 25.277 | 11.105 | 23.7 | 27.609 | 7.2 | 21.971 | 2.785 | 0.418 | 8.5 | 2.816 | 1.0 | 2.485 | -0.239 | -5.5 | 2.496 |
| 248215.8 | 842679.7 | 136.2 | 25.620 | 11.200 | 23.6 | 27.961 | 7.0 | 22.251 | 2.828 | 0.431 | 8.7 | 2.861 | 1.0 | 2.604 | -0.263 | -5.8 | 2.618 |
| 248215.3 | 842678.9 | 136.2 | 25.969 | 11.295 | 23.5 | 28.319 | 6.9 | 22.535 | 2.872 | 0.443 | 8.8 | 2.906 | 1.0 | 2.727 | -0.287 | -6.0 | 2.742 |
| 248214.7 | 842678.1 | 136.2 | 26.322 | 11.391 | 23.4 | 28.681 | 6.7 | 22.824 | 2.916 | 0.455 | 8.9 | 2.952 | 1.0 | 2.852 | -0.312 | -6.2 | 2.869 |
| 248214.1 | 842677.3 | 136.3 | 26.681 | 11.487 | 23.3 | 29.049 | 6.6 | 23.117 | 2.961 | 0.468 | 9.0 | 2.998 | 1.0 | 2.980 | -0.338 | -6.5 | 2.999 |
| 248213.5 | 842676.5 | 136.3 | 27.045 | 11.584 | 23.2 | 29.421 | 6.4 | 23.413 | 3.006 | 0.480 | 9.1 | 3.044 | 1.0 | 3.111 | -0.364 | -6.7 | 3.132 |
| 248212.9 | 842675.6 | 136.3 | 27.409 | 11.679 | 23.1 | 29.794 | 6.3 | 23.709 | 3.052 | 0.492 | 9.2 | 3.091 | 0.9 | 3.240 | -0.390 | -6.9 | 3.263 |
| 248212.3 | 842674.8 | 136.3 | 27.684 | 11.745 | 23.0 | 30.073 | 6.2 | 23.931 | 3.096 | 0.504 | 9.2 | 3.137 | 0.9 | 3.268 | -0.400 | -7.0 | 3.292 |
| 248211.7 | 842674.0 | 136.3 | 27.921 | 11.798 | 22.9 | 30.312 | 6.1 | 24.121 | 3.139 | 0.516 | 9.3 | 3.181 | 0.8 | 3.252 | -0.402 | -7.0 | 3.277 |
| 248211.1 | 842673.2 | 136.3 | 28.160 | 11.851 | 22.8 | 30.552 | 6.0 | 24.313 | 3.183 | 0.527 | 9.4 | 3.226 | 0.8 | 3.236 | -0.403 | -7.1 | 3.261 |
| 248210.5 | 842672.4 | 136.2 | 28.400 | 11.904 | 22.7 | 30.794 | 5.9 | 24.505 | 3.227 | 0.539 | 9.5 | 3.272 | 0.7 | 3.220 | -0.404 | -7.2 | 3.245 |
| 248209.9 | 842671.6 | 136.2 | 28.642 | 11.956 | 22.7 | 31.037 | 5.8 | 24.699 | 3.271 | 0.551 | 9.6 | 3.317 | 0.7 | 3.203 | -0.404 | -7.2 | 3.228 |
| 248209.3 | 842670.8 | 136.2 | 28.863 | 12.002 | 22.6 | 31.259 | 5.7 | 24.875 | 3.316 | 0.562 | 9.6 | 3.363 | 0.7 | 3.161 | -0.400 | -7.2 | 3.186 |
| 248208.7 | 842670.0 | 136.1 | 29.061 | 12.041 | 22.5 | 31.457 | 5.6 | 25.032 | 3.360 | 0.574 | 9.7 | 3.409 | 0.6 | 3.090 | -0.390 | -7.2 | 3.115 |
| 248208.1 | 842669.2 | 136.1 | 29.291 | 12.088 | 22.4 | 31.687 | 5.5 | 25.216 | 3.405 | 0.586 | 9.8 | 3.455 | 0.6 | 3.052 | -0.386 | -7.2 | 3.076 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248207.6 | 842668.4 | 136.1 | 29.522 | 12.136 | 22.3 | 31.919 | 5.4 | 25.400 | 3.452 | 0.597 | 9.8 | 3.503 | 0.6 | 3.011 | -0.381 | -7.2 | 3.035 |
| 248207.0 | 842667.6 | 136.0 | 29.754 | 12.183 | 22.3 | 32.151 | 5.3 | 25.585 | 3.498 | 0.609 | 9.9 | 3.551 | 0.5 | 2.969 | -0.376 | -7.2 | 2.993 |
| 248206.4 | 842666.8 | 136.0 | 30.020 | 12.240 | 22.2 | 32.420 | 5.2 | 25.799 | 3.546 | 0.621 | 9.9 | 3.600 | 0.5 | 2.962 | -0.377 | -7.3 | 2.986 |
| 248205.8 | 842666.0 | 136.0 | 30.373 | 12.321 | 22.1 | 32.777 | 5.1 | 26.083 | 3.597 | 0.633 | 10.0 | 3.652 | 0.6 | 3.047 | -0.395 | -7.4 | 3.072 |
| 248205.2 | 842665.2 | 136.0 | 30.730 | 12.403 | 22.0 | 33.139 | 5.0 | 26.371 | 3.648 | 0.645 | 10.0 | 3.704 | 0.6 | 3.133 | -0.413 | -7.5 | 3.160 |
| 248204.6 | 842664.4 | 136.0 | 31.093 | 12.486 | 21.9 | 33.506 | 4.9 | 26.663 | 3.699 | 0.656 | 10.1 | 3.757 | 0.6 | 3.221 | -0.432 | -7.6 | 3.250 |
| 248204.0 | 842663.6 | 136.1 | 31.515 | 12.584 | 21.8 | 33.934 | 4.8 | 27.004 | 3.753 | 0.668 | 10.1 | 3.812 | 0.6 | 3.371 | -0.462 | -7.8 | 3.402 |
| 248203.4 | 842662.8 | 136.1 | 31.953 | 12.686 | 21.7 | 34.379 | 4.6 | 27.358 | 3.808 | 0.680 | 10.1 | 3.868 | 0.7 | 3.535 | -0.496 | -8.0 | 3.569 |
| 248202.8 | 842662.0 | 136.1 | 32.400 | 12.788 | 21.5 | 34.832 | 4.5 | 27.719 | 3.863 | 0.692 | 10.2 | 3.924 | 0.7 | 3.704 | -0.531 | -8.2 | 3.742 |
| 248202.2 | 842661.1 | 136.1 | 32.841 | 12.887 | 21.4 | 35.279 | 4.4 | 28.074 | 3.918 | 0.703 | 10.2 | 3.981 | 0.7 | 3.863 | -0.564 | -8.3 | 3.904 |
| 248201.6 | 842660.3 | 136.1 | 33.238 | 12.973 | 21.3 | 35.680 | 4.3 | 28.393 | 3.973 | 0.717 | 10.2 | 4.037 | 0.8 | 3.993 | -0.598 | -8.5 | 4.038 |
| 248201.0 | 842659.5 | 136.1 | 33.565 | 13.039 | 21.2 | 36.009 | 4.2 | 28.655 | 4.026 | 0.728 | 10.2 | 4.092 | 0.8 | 4.027 | -0.609 | -8.6 | 4.073 |
| 248200.4 | 842658.7 | 136.1 | 33.889 | 13.104 | 21.1 | 36.335 | 4.1 | 28.914 | 4.080 | 0.739 | 10.3 | 4.146 | 0.8 | 4.057 | -0.620 | -8.7 | 4.104 |
| 248199.8 | 842657.9 | 136.1 | 34.217 | 13.168 | 21.0 | 36.664 | 4.0 | 29.176 | 4.134 | 0.749 | 10.3 | 4.201 | 0.8 | 4.091 | -0.631 | -8.8 | 4.139 |
| 248199.3 | 842657.1 | 136.1 | 34.544 | 13.232 | 21.0 | 36.992 | 3.9 | 29.437 | 4.188 | 0.760 | 10.3 | 4.256 | 0.8 | 4.123 | -0.641 | -8.8 | 4.172 |
| 248198.7 | 842656.3 | 136.1 | 34.867 | 13.294 | 20.9 | 37.316 | 3.8 | 29.695 | 4.242 | 0.771 | 10.3 | 4.311 | 0.9 | 4.151 | -0.652 | -8.9 | 4.202 |
| 248198.1 | 842655.5 | 136.1 | 35.194 | 13.356 | 20.8 | 37.643 | 3.7 | 29.955 | 4.296 | 0.781 | 10.3 | 4.366 | 0.9 | 4.184 | -0.663 | -9.0 | 4.236 |
| 248197.5 | 842654.7 | 136.0 | 35.541 | 13.423 | 20.7 | 37.991 | 3.7 | 30.233 | 4.350 | 0.791 | 10.3 | 4.421 | 0.9 | 4.240 | -0.678 | -9.1 | 4.294 |
| 248196.9 | 842653.9 | 136.0 | 35.925 | 13.498 | 20.6 | 38.377 | 3.6 | 30.540 | 4.405 | 0.801 | 10.3 | 4.477 | 0.9 | 4.336 | -0.701 | -9.2 | 4.392 |
| 248196.3 | 842653.1 | 136.0 | 36.314 | 13.573 | 20.5 | 38.768 | 3.5 | 30.850 | 4.460 | 0.811 | 10.3 | 4.533 | 0.9 | 4.438 | -0.726 | -9.3 | 4.497 |
| 248195.7 | 842652.3 | 136.0 | 36.707 | 13.649 | 20.4 | 39.163 | 3.4 | 31.165 | 4.515 | 0.821 | 10.3 | 4.589 | 1.0 | 4.547 | -0.751 | -9.4 | 4.609 |
| 248195.1 | 842651.5 | 136.0 | 37.097 | 13.723 | 20.3 | 39.554 | 3.3 | 31.476 | 4.570 | 0.831 | 10.3 | 4.644 | 1.0 | 4.655 | -0.776 | -9.5 | 4.720 |
| 248194.5 | 842650.7 | 136.0 | 37.483 | 13.795 | 20.2 | 39.941 | 3.2 | 31.784 | 4.623 | 0.840 | 10.3 | 4.699 | 1.0 | 4.764 | -0.801 | -9.5 | 4.831 |
| 248193.9 | 842649.9 | 136.0 | 37.874 | 13.868 | 20.1 | 40.333 | 3.1 | 32.096 | 4.676 | 0.849 | 10.3 | 4.753 | 1.0 | 4.881 | -0.828 | -9.6 | 4.951 |
| 248193.3 | 842649.1 | 136.0 | 38.269 | 13.940 | 20.0 | 40.729 | 3.1 | 32.411 | 4.729 | 0.858 | 10.3 | 4.806 | 1.0 | 5.009 | -0.855 | -9.7 | 5.081 |
| 248192.7 | 842648.3 | 136.0 | 38.608 | 13.998 | 19.9 | 41.067 | 3.0 | 32.680 | 4.779 | 0.867 | 10.3 | 4.857 | 1.1 | 5.085 | -0.873 | -9.7 | 5.159 |
| 248192.1 | 842647.5 | 135.9 | 38.817 | 14.025 | 19.9 | 41.273 | 2.9 | 32.844 | 4.825 | 0.876 | 10.3 | 4.904 | 1.0 | 5.038 | -0.868 | -9.8 | 5.112 |
| 248191.6 | 842646.6 | 135.9 | 39.026 | 14.051 | 19.8 | 41.479 | 2.9 | 33.008 | 4.870 | 0.884 | 10.3 | 4.949 | 1.0 | 4.999 | -0.863 | -9.8 | 5.072 |
| 248191.0 | 842645.8 | 135.8 | 39.235 | 14.077 | 19.7 | 41.684 | 2.9 | 33.171 | 4.913 | 0.892 | 10.3 | 4.994 | 1.0 | 4.967 | -0.859 | -9.8 | 5.040 |
| 248190.4 | 842645.0 | 135.8 | 39.471 | 14.109 | 19.7 | 41.917 | 2.8 | 33.356 | 4.956 | 0.899 | 10.3 | 5.037 | 1.0 | 4.971 | -0.861 | -9.8 | 5.045 |
| 248189.8 | 842644.2 | 135.8 | 39.756 | 14.153 | 19.6 | 42.200 | 2.8 | 33.582 | 4.999 | 0.907 | 10.3 | 5.081 | 1.0 | 5.033 | -0.873 | -9.8 | 5.109 |
| 248189.2 | 842643.4 | 135.7 | 40.060 | 14.200 | 19.5 | 42.502 | 2.7 | 33.822 | 5.041 | 0.915 | 10.3 | 5.124 | 1.1 | 5.123 | -0.890 | -9.9 | 5.199 |
| 248188.6 | 842642.6 | 135.7 | 40.365 | 14.247 | 19.4 | 42.805 | 2.7 | 34.063 | 5.082 | 0.922 | 10.3 | 5.165 | 1.1 | 5.222 | -0.908 | -9.9 | 5.300 |
| 248188.0 | 842641.8 | 135.7 | 40.671 | 14.294 | 19.4 | 43.110 | 2.6 | 34.306 | 5.122 | 0.929 | 10.3 | 5.205 | 1.1 | 5.330 | -0.927 | -9.9 | 5.410 |
| 248187.4 | 842641.0 | 135.6 | 40.979 | 14.341 | 19.3 | 43.416 | 2.6 | 34.549 | 5.161 | 0.936 | 10.3 | 5.245 | 1.1 | 5.448 | -0.948 | -9.9 | 5.530 |
| 248186.8 | 842640.2 | 135.6 | 41.126 | 14.351 | 19.2 | 43.558 | 2.6 | 34.662 | 5.194 | 0.942 | 10.3 | 5.279 | 1.1 | 5.418 | -0.940 | -9.8 | 5.499 |
| 248186.2 | 842639.4 | 135.5 | 41.205 | 14.346 | 19.2 | 43.631 | 2.5 | 34.721 | 5.225 | 0.948 | 10.3 | 5.311 | 1.1 | 5.328 | -0.922 | -9.8 | 5.407 |
| 248185.6 | 842638.6 | 135.4 | 41.291 | 14.342 | 19.2 | 43.711 | 2.5 | 34.784 | 5.256 | 0.954 | 10.3 | 5.342 | 1.1 | 5.252 | -0.906 | -9.8 | 5.330 |
| 248185.0 | 842637.8 | 135.4 | 41.403 | 14.344 | 19.1 | 43.817 | 2.5 | 34.869 | 5.287 | 0.960 | 10.3 | 5.373 | 1.1 | 5.209 | -0.896 | -9.8 | 5.286 |
| 248184.4 | 842637.0 | 135.3 | 41.512 | 14.346 | 19.1 | 43.921 | 2.5 | 34.951 | 5.317 | 0.965 | 10.3 | 5.404 | 1.1 | 5.170 | -0.888 | -9.7 | 5.245 |
| 248183.9 | 842636.2 | 135.2 | 41.618 | 14.347 | 19.0 | 44.021 | 2.5 | 35.031 | 5.348 | 0.971 | 10.3 | 5.435 | 1.1 | 5.134 | -0.880 | -9.7 | 5.209 |
| 248183.3 | 842635.4 | 135.2 | 41.721 | 14.348 | 19.0 | 44.119 | 2.5 | 35.109 | 5.378 | 0.976 | 10.3 | 5.465 | 1.1 | 5.101 | -0.873 | -9.7 | 5.175 |
| 248182.7 | 842634.6 | 135.1 | 42.031 | 14.394 | 18.9 | 44.427 | 2.4 | 35.354 | 5.413 | 0.980 | 10.3 | 5.501 | 1.2 | 5.277 | -0.905 | -9.7 | 5.354 |
| 248182.1 | 842633.8 | 135.1 | 42.345 | 14.440 | 18.8 | 44.740 | 2.4 | 35.603 | 5.448 | 0.985 | 10.2 | 5.537 | 1.2 | 5.463 | -0.939 | -9.8 | 5.543 |
| 248181.5 | 842633.0 | 135.1 | 42.662 | 14.487 | 18.8 | 45.055 | 2.4 | 35.853 | 5.483 | 0.990 | 10.2 | 5.571 | 1.3 | 5.657 | -0.975 | -9.8 | 5.740 |
| 248180.9 | 842632.1 | 135.1 | 42.980 | 14.533 | 18.7 | 45.371 | 2.3 | 36.105 | 5.517 | 0.994 | 10.2 | 5.605 | 1.3 | 5.859 | -1.011 | -9.8 | 5.945 |
| 248180.3 | 842631.3 | 135.0 | 43.161 | 14.550 | 18.6 | 45.548 | 2.3 | 36.246 | 5.545 | 0.998 | 10.2 | 5.634 | 1.3 | 5.938 | -1.026 | -9.8 | 6.026 |
| 248179.7 | 842630.5 | 134.9 | 43.270 | 14.552 | 18.6 | 45.652 | 2.3 | 36.328 | 5.569 | 1.002 | 10.2 | 5.659 | 1.3 | 5.958 | -1.029 | -9.8 | 6.046 |
| 248179.1 | 842629.7 | 134.9 | 43.376 | 14.552 | 18.5 | 45.752 | 2.3 | 36.408 | 5.592 | 1.005 | 10.2 | 5.682 | 1.3 | 5.985 | -1.033 | -9.8 | 6.074 |
| 248178.5 | 842628.9 | 134.8 | 43.478 | 14.553 | 18.5 | 45.849 | 2.3 | 36.485 | 5.612 | 1.008 | 10.2 | 5.702 | 1.3 | 6.021 | -1.037 | -9.8 | 6.109 |
| 248177.9 | 842628.1 | 134.7 | 43.468 | 14.529 | 18.5 | 45.832 | 2.3 | 36.472 | 5.627 | 1.012 | 10.2 | 5.717 | 1.3 | 5.960 | -1.024 | -9.7 | 6.048 |
| 248177.3 | 842627.3 | 134.6 | 43.421 | 14.499 | 18.5 | 45.778 | 2.3 | 36.429 | 5.639 | 1.015 | 10.2 | 5.729 | 1.2 | 5.877 | -1.006 | -9.7 | 5.963 |
| 248176.7 | 842626.5 | 134.6 | 43.371 | 14.468 | 18.4 | 45.720 | 2.3 | 36.383 | 5.648 | 1.017 | 10.2 | 5.739 | 1.2 | 5.801 | -0.988 | -9.7 | 5.885 |
| 248176.1 | 842625.7 | 134.5 | 43.316 | 14.436 | 18.4 | 45.658 | 2.3 | 36.334 | 5.656 | 1.020 | 10.2 | 5.747 | 1.2 | 5.732 | -0.971 | -9.6 | 5.814 |
| 248175.6 | 842624.9 | 134.4 | 43.257 | 14.403 | 18.4 | 45.592 | 2.4 | 36.281 | 5.662 | 1.022 | 10.2 | 5.754 | 1.2 | 5.670 | -0.955 | -9.6 | 5.750 |
| 248175.0 | 842624.1 | 134.3 | 43.194 | 14.370 | 18.4 | 45.522 | 2.4 | 36.225 | 5.667 | 1.025 | 10.2 | 5.759 | 1.2 | 5.613 | -0.940 | -9.5 | 5.691 |
| 248174.4 | 842623.3 | 134.2 | 43.127 | 14.336 | 18.4 | 45.448 | 2.4 | 36.166 | 5.670 | 1.027 | 10.3 | 5.763 | 1.2 | 5.561 | -0.925 | -9.4 | 5.637 |
| 248173.8 | 842622.5 | 134.1 | 43.056 | 14.302 | 18.4 | 45.369 | 2.4 | 36.104 | 5.673 | 1.029 | 10.3 | 5.765 | 1.2 | 5.512 | -0.911 | -9.4 | 5.587 |
| 248173.2 | 842621.7 | 134.0 | 42.986 | 14.268 | 18.4 | 45.292 | 2.4 | 36.042 | 5.675 | 1.030 | 10.3 | 5.768 | 1.2 | 5.471 | -0.899 | -9.3 | 5.544 |
| 248172.6 | 842620.9 | 134.0 | 42.946 | 14.241 | 18.3 | 45.245 | 2.4 | 36.005 | 5.678 | 1.032 | 10.3 | 5.771 | 1.2 | 5.465 | -0.894 | -9.3 | 5.538 |
| 248172.0 | 842620.1 | 133.9 | 42.902 | 14.213 | 18.3 | 45.195 | 2.5 | 35.965 | 5.680 | 1.033 | 10.3 | 5.774 | 1.2 | 5.461 | -0.890 | -9.3 | 5.533 |
| 248171.4 | 842619.3 | 133.8 | 42.860 | 14.185 | 18.3 | 45.147 | 2.5 | 35.926 | 5.683 | 1.034 | 10.3 | 5.776 | 1.2 | 5.463 | -0.887 | -9.2 | 5.535 |
| 248170.8 | 842618.5 | 133.7 | 42.664 | 14.126 | 18.3 | 44.942 | 2.5 | 35.764 | 5.681 | 1.035 | 10.3 | 5.774 | 1.2 | 5.320 | -0.859 | -9.2 | 5.389 |
| 248170.2 | 842617.6 | 133.6 | 42.641 | 14.103 | 18.3 | 44.913 | 2.5 | 35.740 | 5.684 | 1.035 | 10.3 | 5.778 | 1.2 | 5.348 | -0.864 | -9.2 | 5.417 |
| 248169.6 | 842616.8 | 133.5 | 42.614 | 14.079 | 18.3 | 44.879 | 2.5 | 35.714 | 5.687 | 1.036 | 10.3 | 5.781 | 1.2 | 5.376 | -0.869 | -9.2 | 5.446 |
| 248169.0 | 842616.0 | 133.5 | 42.582 | 14.055 | 18.3 | 44.842 | 2.5 | 35.684 | 5.690 | 1.036 | 10.3 | 5.783 | 1.2 | 5.405 | -0.875 | -9.2 | 5.475 |
| 248168.4 | 842615.2 | 133.4 | 42.546 | 14.030 | 18.3 | 44.800 | 2.6 | 35.651 | 5.691 | 1.036 | 10.3 | 5.785 | 1.2 | 5.434 | -0.883 | -9.2 | 5.505 |
| 248167.9 | 842614.4 | 133.3 | 42.506 | 14.004 | 18.2 | 44.754 | 2.6 | 35.614 | 5.693 | 1.036 | 10.3 | 5.786 | 1.3 | 5.464 | -0.891 | -9.3 | 5.536 |
| 248167.3 | 842613.6 | 133.2 | 42.462 | 13.978 | 18.2 | 44.704 | 2.6 | 35.574 | 5.693 | 1.035 | 10.3 | 5.786 | 1.3 | 5.496 | -0.900 | -9.3 | 5.569 |
| 248166.7 | 842612.8 | 133.2 | 42.414 | 13.951 | 18.2 | 44.650 | 2.6 | 35.531 | 5.692 | 1.035 | 10.3 | 5.785 | 1.3 | 5.530 | -0.910 | -9.3 | 5.604 |
| 248166.1 | 842612.0 | 133.1 | 42.362 | 13.924 | 18.2 | 44.592 | 2.6 | 35.485 | 5.689 | 1.034 | 10.3 | 5.782 | 1.3 | 5.567 | -0.920 | -9.4 | 5.643 |
| 248165.5 | 842611.2 | 133.0 | 42.231 | 13.880 | 18.2 | 44.454 | 2.6 | 35.375 | 5.683 | 1.033 | 10.3 | 5.776 | 1.2 | 5.536 | -0.919 | -9.4 | 5.612 |
| 248164.9 | 842610.4 | 132.9 | 42.035 | 13.823 | 18.2 | 44.249 | 2.7 | 35.212 | 5.673 | 1.032 | 10.3 | 5.766 | 1.2 | 5.448 | -0.907 | -9.4 | 5.523 |
| 248164.3 | 842609.6 | 132.8 | 42.063 | 13.813 | 18.2 | 44.273 | 2.7 | 35.232 | 5.667 | 1.030 | 10.3 | 5.760 | 1.2 | 5.593 | -0.937 | -9.5 | 5.671 |
| 248163.7 | 842608.8 | 132.8 | 42.111 | 13.807 | 18.2 | 44.317 | 2.7 | 35.266 | 5.659 | 1.029 | 10.3 | 5.752 | 1.2 | 5.766 | -0.971 | -9.6 | 5.848 |
| 248163.1 | 842608.0 | 132.7 | 41.826 | 13.732 | 18.2 | 44.022 | 2.7 | 35.032 | 5.639 | 1.027 | 10.3 | 5.732 | 1.2 | 5.621 | -0.947 | -9.6 | 5.700 |
| 248162.5 | 842607.2 | 132.5 | 41.162 | 13.580 | 18.3 | 43.344 | 2.8 | 34.492 | 5.607 | 1.025 | 10.4 | 5.700 | 1.1 | 5.106 | -0.856 | -9.5 | 5.177 |
| 248161.9 | 842606.4 | 132.4 | 41.068 | 13.545 | 18.3 | 43.244 | 2.8 | 34.413 | 5.588 | 1.023 | 10.4 | 5.681 | 1.1 | 5.171 | -0.869 | -9.5 | 5.244 |
| 248161.3 | 842605.6 | 132.3 | 40.971 | 13.510 | 18.2 | 43.141 | 2.8 | 34.330 | 5.568 | 1.021 | 10.4 | 5.660 | 1.1 | 5.242 | -0.882 | -9.6 | 5.316 |
| 248160.7 | 842604.8 | 132.3 | 40.927 | 13.486 | 18.2 | 43.091 | 2.8 | 34.291 | 5.547 | 1.018 | 10.4 | 5.640 | 1.1 | 5.375 | -0.907 | -9.6 | 5.451 |
| 248160.2 | 842604.0 | 132.2 | 40.905 | 13.466 | 18.2 | 43.065 | 2.8 | 34.270 | 5.526 | 1.016 | 10.4 | 5.618 | 1.1 | 5.537 | -0.937 | -9.6 | 5.616 |
| 248159.6 | 842603.1 | 132.2 | 40.881 | 13.447 | 18.2 | 43.036 | 2.9 | 34.247 | 5.504 | 1.014 | 10.4 | 5.596 | 1.1 | 5.703 | -0.967 | -9.6 | 5.785 |
| 248159.0 | 842602.3 | 132.1 | 40.853 | 13.427 | 18.2 | 43.003 | 2.9 | 34.220 | 5.481 | 1.011 | 10.5 | 5.574 | 1.2 | 5.870 | -0.997 | -9.6 | 5.954 |
| 248158.4 | 842601.5 | 131.9 | 40.256 | 13.289 | 18.3 | 42.393 | 2.9 | 33.735 | 5.441 | 1.008 | 10.5 | 5.533 | 1.1 | 5.471 | -0.923 | -9.6 | 5.548 |
| 248157.8 | 842600.7 | 131.8 | 39.789 | 13.177 | 18.3 | 41.914 | 3.0 | 33.354 | 5.404 | 1.005 | 10.5 | 5.497 | 1.0 | 5.199 | -0.872 | -9.5 | 5.271 |
| 248157.2 | 842599.9 | 131.7 | 39.606 | 13.125 | 18.3 | 41.724 | 3.0 | 33.203 | 5.377 | 1.002 | 10.6 | 5.469 | 1.1 | 5.217 | -0.875 | -9.5 | 5.290 |
| 248156.6 | 842599.1 | 131.6 | 39.421 | 13.073 | 18.3 | 41.532 | 3.0 | 33.050 | 5.349 | 0.999 | 10.6 | 5.442 | 1.1 | 5.231 | -0.877 | -9.5 | 5.304 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248156.0 | 842598.3 | 131.5 | 39.233 | 13.020 | 18.4 | 41.337 | 3.0 | 32.895 | 5.323 | 0.996 | 10.6 | 5.415 | 1.1 | 5.241 | -0.879 | -9.5 | 5.314 |
| 248155.4 | 842597.5 | 131.4 | 39.042 | 12.967 | 18.4 | 41.139 | 3.1 | 32.738 | 5.297 | 0.993 | 10.6 | 5.390 | 1.1 | 5.244 | -0.881 | -9.5 | 5.318 |
| 248154.8 | 842596.7 | 131.3 | 38.734 | 12.889 | 18.4 | 40.822 | 3.1 | 32.485 | 5.269 | 0.989 | 10.6 | 5.361 | 1.1 | 5.122 | -0.859 | -9.5 | 5.193 |
| 248154.2 | 842595.9 | 131.2 | 38.324 | 12.789 | 18.5 | 40.401 | 3.1 | 32.150 | 5.240 | 0.986 | 10.7 | 5.332 | 1.1 | 4.886 | -0.818 | -9.5 | 4.954 |
| 248153.6 | 842595.1 | 131.1 | 38.060 | 12.720 | 18.5 | 40.130 | 3.2 | 31.934 | 5.216 | 0.983 | 10.7 | 5.308 | 1.1 | 4.797 | -0.804 | -9.5 | 4.864 |
| 248153.0 | 842594.3 | 131.0 | 37.796 | 12.651 | 18.5 | 39.857 | 3.2 | 31.717 | 5.194 | 0.980 | 10.7 | 5.285 | 1.1 | 4.699 | -0.789 | -9.5 | 4.765 |
| 248152.4 | 842593.5 | 130.9 | 37.624 | 12.602 | 18.5 | 39.679 | 3.2 | 31.575 | 5.175 | 0.977 | 10.7 | 5.267 | 1.1 | 4.692 | -0.793 | -9.6 | 4.758 |
| 248151.9 | 842592.7 | 130.8 | 37.565 | 12.578 | 18.5 | 39.614 | 3.2 | 31.524 | 5.162 | 0.975 | 10.7 | 5.253 | 1.1 | 4.797 | -0.818 | -9.7 | 4.866 |
| 248151.3 | 842591.9 | 130.8 | 37.502 | 12.553 | 18.5 | 39.547 | 3.2 | 31.470 | 5.149 | 0.972 | 10.7 | 5.240 | 1.1 | 4.892 | -0.842 | -9.8 | 4.964 |
| 248150.7 | 842591.1 | 130.7 | 37.340 | 12.506 | 18.5 | 39.379 | 3.2 | 31.337 | 5.134 | 0.969 | 10.7 | 5.225 | 1.1 | 4.877 | -0.845 | -9.8 | 4.950 |
| 248150.1 | 842590.3 | 130.6 | 37.078 | 12.438 | 18.5 | 39.109 | 3.3 | 31.122 | 5.118 | 0.967 | 10.7 | 5.208 | 1.1 | 4.748 | -0.829 | -9.9 | 4.820 |
| 248149.5 | 842589.5 | 130.5 | 36.815 | 12.370 | 18.6 | 38.838 | 3.3 | 30.906 | 5.102 | 0.964 | 10.7 | 5.192 | 1.1 | 4.612 | -0.811 | -10.0 | 4.683 |
| 248148.9 | 842588.6 | 130.4 | 36.653 | 12.324 | 18.6 | 38.670 | 3.3 | 30.772 | 5.090 | 0.962 | 10.7 | 5.180 | 1.1 | 4.580 | -0.813 | -10.1 | 4.651 |
| 248148.3 | 842587.8 | 130.4 | 36.605 | 12.303 | 18.6 | 38.617 | 3.3 | 30.731 | 5.081 | 0.959 | 10.7 | 5.171 | 1.1 | 4.666 | -0.838 | -10.2 | 4.741 |
| 248147.7 | 842587.0 | 130.3 | 36.658 | 12.304 | 18.6 | 38.668 | 3.3 | 30.771 | 5.075 | 0.957 | 10.7 | 5.165 | 1.1 | 4.859 | -0.883 | -10.3 | 4.938 |
| 248147.1 | 842586.2 | 130.3 | 36.708 | 12.304 | 18.5 | 38.715 | 3.3 | 30.809 | 5.070 | 0.955 | 10.7 | 5.159 | 1.1 | 5.046 | -0.927 | -10.4 | 5.131 |
| 248146.5 | 842585.4 | 130.3 | 36.743 | 12.301 | 18.5 | 38.748 | 3.3 | 30.834 | 5.063 | 0.953 | 10.7 | 5.152 | 1.2 | 5.217 | -0.967 | -10.5 | 5.305 |
| 248145.9 | 842584.6 | 130.2 | 36.667 | 12.274 | 18.5 | 38.667 | 3.3 | 30.770 | 5.052 | 0.951 | 10.7 | 5.141 | 1.1 | 5.269 | -0.985 | -10.6 | 5.360 |
| 248145.3 | 842583.8 | 130.1 | 36.403 | 12.207 | 18.5 | 38.395 | 3.3 | 30.554 | 5.035 | 0.948 | 10.7 | 5.124 | 1.1 | 5.122 | -0.966 | -10.7 | 5.212 |
| 248144.7 | 842583.0 | 130.0 | 36.168 | 12.146 | 18.6 | 38.153 | 3.3 | 30.361 | 5.018 | 0.946 | 10.7 | 5.106 | 1.1 | 5.006 | -0.952 | -10.8 | 5.096 |
| 248144.2 | 842582.2 | 130.0 | 36.054 | 12.111 | 18.6 | 38.034 | 3.4 | 30.267 | 5.002 | 0.944 | 10.7 | 5.091 | 1.0 | 5.025 | -0.962 | -10.8 | 5.117 |
| 248143.6 | 842581.4 | 129.9 | 36.082 | 12.107 | 18.5 | 38.059 | 3.4 | 30.287 | 4.990 | 0.942 | 10.7 | 5.078 | 1.1 | 5.201 | -1.001 | -10.9 | 5.296 |
| 248143.0 | 842580.6 | 129.9 | 36.107 | 12.103 | 18.5 | 38.081 | 3.4 | 30.304 | 4.976 | 0.939 | 10.7 | 5.064 | 1.1 | 5.376 | -1.039 | -10.9 | 5.475 |
| 248142.4 | 842579.8 | 129.8 | 35.931 | 12.055 | 18.5 | 37.899 | 3.4 | 30.159 | 4.955 | 0.937 | 10.7 | 5.043 | 1.1 | 5.339 | -1.037 | -11.0 | 5.438 |
| 248141.8 | 842579.0 | 129.7 | 35.610 | 11.976 | 18.6 | 37.570 | 3.4 | 29.897 | 4.929 | 0.934 | 10.7 | 5.017 | 1.0 | 5.148 | -1.006 | -11.1 | 5.245 |
| 248141.2 | 842578.2 | 129.6 | 35.241 | 11.886 | 18.6 | 37.192 | 3.4 | 29.596 | 4.901 | 0.932 | 10.8 | 4.989 | 1.0 | 4.904 | -0.964 | -11.1 | 4.998 |
| 248140.6 | 842577.4 | 129.5 | 34.875 | 11.796 | 18.7 | 36.816 | 3.4 | 29.297 | 4.873 | 0.929 | 10.8 | 4.961 | 0.9 | 4.662 | -0.922 | -11.2 | 4.752 |
| 248140.0 | 842576.6 | 129.4 | 34.753 | 11.760 | 18.7 | 36.689 | 3.4 | 29.196 | 4.852 | 0.926 | 10.8 | 4.940 | 0.9 | 4.691 | -0.931 | -11.2 | 4.783 |
| 248139.4 | 842575.8 | 129.4 | 34.660 | 11.730 | 18.7 | 36.591 | 3.4 | 29.118 | 4.832 | 0.923 | 10.8 | 4.919 | 1.0 | 4.752 | -0.947 | -11.3 | 4.846 |
| 248138.8 | 842575.0 | 129.3 | 34.530 | 11.693 | 18.7 | 36.456 | 3.5 | 29.011 | 4.811 | 0.921 | 10.8 | 4.898 | 1.0 | 4.773 | -0.955 | -11.3 | 4.868 |
| 248138.2 | 842574.1 | 129.3 | 34.398 | 11.655 | 18.7 | 36.319 | 3.5 | 28.901 | 4.790 | 0.918 | 10.8 | 4.878 | 1.0 | 4.790 | -0.964 | -11.4 | 4.886 |
| 248137.6 | 842573.3 | 129.2 | 34.222 | 11.607 | 18.7 | 36.137 | 3.5 | 28.757 | 4.769 | 0.915 | 10.9 | 4.856 | 1.0 | 4.758 | -0.963 | -11.4 | 4.855 |
| 248137.0 | 842572.5 | 129.1 | 34.038 | 11.558 | 18.8 | 35.946 | 3.5 | 28.605 | 4.748 | 0.911 | 10.9 | 4.835 | 1.0 | 4.716 | -0.961 | -11.5 | 4.812 |
| 248136.5 | 842571.7 | 129.0 | 33.875 | 11.513 | 18.8 | 35.778 | 3.5 | 28.471 | 4.728 | 0.908 | 10.9 | 4.815 | 1.0 | 4.696 | -0.963 | -11.6 | 4.794 |
| 248135.9 | 842570.9 | 129.0 | 33.811 | 11.491 | 18.8 | 35.710 | 3.5 | 28.417 | 4.711 | 0.905 | 10.9 | 4.797 | 1.0 | 4.787 | -0.988 | -11.7 | 4.888 |
| 248135.3 | 842570.1 | 129.0 | 33.891 | 11.501 | 18.7 | 35.789 | 3.5 | 28.480 | 4.698 | 0.902 | 10.9 | 4.784 | 1.1 | 5.039 | -1.043 | -11.7 | 5.146 |
| 248134.7 | 842569.3 | 129.0 | 33.887 | 11.492 | 18.7 | 35.783 | 3.5 | 28.475 | 4.682 | 0.899 | 10.9 | 4.768 | 1.1 | 5.199 | -1.080 | -11.7 | 5.310 |
| 248134.1 | 842568.5 | 128.9 | 33.806 | 11.466 | 18.7 | 35.698 | 3.5 | 28.407 | 4.664 | 0.896 | 10.9 | 4.749 | 1.1 | 5.271 | -1.101 | -11.8 | 5.385 |
| 248133.5 | 842567.7 | 128.8 | 33.616 | 11.416 | 18.8 | 35.502 | 3.5 | 28.251 | 4.642 | 0.893 | 10.9 | 4.727 | 1.1 | 5.225 | -1.099 | -11.9 | 5.339 |
| 248132.9 | 842566.9 | 128.8 | 33.414 | 11.363 | 18.8 | 35.293 | 3.5 | 28.086 | 4.619 | 0.889 | 10.9 | 4.704 | 1.1 | 5.166 | -1.094 | -12.0 | 5.280 |
| 248132.3 | 842566.1 | 128.7 | 33.186 | 11.304 | 18.8 | 35.058 | 3.5 | 27.899 | 4.594 | 0.886 | 10.9 | 4.679 | 1.1 | 5.078 | -1.083 | -12.0 | 5.193 |
| 248131.7 | 842565.3 | 128.6 | 32.955 | 11.245 | 18.8 | 34.821 | 3.5 | 27.709 | 4.569 | 0.883 | 10.9 | 4.654 | 1.0 | 4.989 | -1.072 | -12.1 | 5.103 |
| 248131.1 | 842564.5 | 128.5 | 32.724 | 11.185 | 18.9 | 34.583 | 3.5 | 27.520 | 4.543 | 0.879 | 11.0 | 4.628 | 1.0 | 4.899 | -1.061 | -12.2 | 5.013 |
| 248130.5 | 842563.7 | 128.5 | 32.492 | 11.125 | 18.9 | 34.344 | 3.5 | 27.330 | 4.518 | 0.876 | 11.0 | 4.602 | 1.0 | 4.809 | -1.049 | -12.3 | 4.922 |
| 248129.9 | 842562.9 | 128.4 | 32.261 | 11.065 | 18.9 | 34.105 | 3.5 | 27.140 | 4.492 | 0.872 | 11.0 | 4.576 | 1.0 | 4.719 | -1.037 | -12.4 | 4.831 |
| 248129.3 | 842562.1 | 128.3 | 32.028 | 11.005 | 19.0 | 33.866 | 3.5 | 26.950 | 4.466 | 0.869 | 11.0 | 4.550 | 1.0 | 4.627 | -1.025 | -12.5 | 4.739 |
| 248128.7 | 842561.3 | 128.3 | 31.983 | 10.988 | 19.0 | 33.818 | 3.5 | 26.912 | 4.446 | 0.866 | 11.0 | 4.529 | 1.0 | 4.750 | -1.054 | -12.5 | 4.866 |
| 248128.2 | 842560.5 | 128.2 | 31.961 | 10.976 | 19.0 | 33.793 | 3.5 | 26.892 | 4.426 | 0.863 | 11.0 | 4.509 | 1.0 | 4.899 | -1.089 | -12.5 | 5.019 |
| 248127.6 | 842559.6 | 128.2 | 31.775 | 10.927 | 19.0 | 33.601 | 3.5 | 26.739 | 4.403 | 0.859 | 11.0 | 4.486 | 1.0 | 4.858 | -1.087 | -12.6 | 4.978 |
| 248127.0 | 842558.8 | 128.1 | 31.588 | 10.877 | 19.0 | 33.408 | 3.5 | 26.585 | 4.379 | 0.856 | 11.1 | 4.462 | 1.0 | 4.813 | -1.085 | -12.7 | 4.934 |
| 248126.4 | 842558.0 | 128.0 | 31.399 | 10.827 | 19.0 | 33.214 | 3.5 | 26.431 | 4.356 | 0.852 | 11.1 | 4.439 | 1.0 | 4.766 | -1.083 | -12.8 | 4.887 |
| 248125.8 | 842557.2 | 128.0 | 31.210 | 10.777 | 19.0 | 33.018 | 3.5 | 26.275 | 4.334 | 0.849 | 11.1 | 4.416 | 1.0 | 4.715 | -1.080 | -12.9 | 4.837 |
| 248125.2 | 842556.4 | 127.9 | 31.057 | 10.735 | 19.1 | 32.860 | 3.5 | 26.149 | 4.313 | 0.845 | 11.1 | 4.395 | 1.0 | 4.705 | -1.085 | -13.0 | 4.828 |
| 248124.6 | 842555.6 | 127.9 | 30.907 | 10.694 | 19.1 | 32.705 | 3.5 | 26.026 | 4.292 | 0.841 | 11.1 | 4.374 | 1.0 | 4.696 | -1.091 | -13.1 | 4.821 |
| 248124.0 | 842554.8 | 127.8 | 30.750 | 10.651 | 19.1 | 32.543 | 3.5 | 25.897 | 4.271 | 0.838 | 11.1 | 4.352 | 1.0 | 4.678 | -1.095 | -13.2 | 4.805 |
| 248123.4 | 842554.0 | 127.8 | 30.777 | 10.652 | 19.1 | 32.568 | 3.5 | 25.917 | 4.255 | 0.835 | 11.1 | 4.336 | 1.1 | 4.874 | -1.141 | -13.2 | 5.006 |
| 248122.8 | 842553.2 | 127.8 | 30.901 | 10.675 | 19.1 | 32.694 | 3.5 | 26.017 | 4.242 | 0.832 | 11.1 | 4.323 | 1.1 | 5.184 | -1.209 | -13.1 | 5.323 |
| 248122.2 | 842552.4 | 127.7 | 30.646 | 10.610 | 19.1 | 32.431 | 3.5 | 25.808 | 4.219 | 0.828 | 11.1 | 4.299 | 1.1 | 5.049 | -1.190 | -13.3 | 5.187 |
| 248121.6 | 842551.6 | 127.7 | 30.392 | 10.544 | 19.1 | 32.169 | 3.5 | 25.599 | 4.195 | 0.824 | 11.1 | 4.275 | 1.1 | 4.913 | -1.171 | -13.4 | 5.051 |
| 248121.0 | 842550.8 | 127.6 | 30.138 | 10.479 | 19.2 | 31.907 | 3.5 | 25.391 | 4.171 | 0.820 | 11.1 | 4.251 | 1.0 | 4.776 | -1.152 | -13.6 | 4.913 |
| 248120.5 | 842550.0 | 127.5 | 29.895 | 10.416 | 19.2 | 31.658 | 3.5 | 25.193 | 4.148 | 0.817 | 11.1 | 4.227 | 1.0 | 4.651 | -1.135 | -13.7 | 4.788 |
| 248119.9 | 842549.2 | 127.5 | 29.777 | 10.382 | 19.2 | 31.535 | 3.5 | 25.094 | 4.127 | 0.813 | 11.1 | 4.206 | 1.0 | 4.673 | -1.146 | -13.8 | 4.812 |
| 248119.3 | 842548.4 | 127.4 | 29.668 | 10.351 | 19.2 | 31.422 | 3.5 | 25.005 | 4.107 | 0.810 | 11.2 | 4.186 | 1.0 | 4.708 | -1.159 | -13.8 | 4.848 |
| 248118.7 | 842547.6 | 127.4 | 29.558 | 10.320 | 19.2 | 31.308 | 3.5 | 24.914 | 4.086 | 0.806 | 11.2 | 4.165 | 1.0 | 4.740 | -1.171 | -13.9 | 4.882 |
| 248118.1 | 842546.8 | 127.3 | 29.447 | 10.288 | 19.3 | 31.192 | 3.5 | 24.822 | 4.065 | 0.803 | 11.2 | 4.144 | 1.0 | 4.769 | -1.182 | -13.9 | 4.914 |
| 248117.5 | 842546.0 | 127.3 | 29.333 | 10.256 | 19.3 | 31.074 | 3.5 | 24.728 | 4.044 | 0.799 | 11.2 | 4.122 | 1.0 | 4.796 | -1.192 | -14.0 | 4.942 |
| 248116.9 | 842545.1 | 127.3 | 29.218 | 10.223 | 19.3 | 30.955 | 3.5 | 24.633 | 4.023 | 0.796 | 11.2 | 4.101 | 1.0 | 4.821 | -1.202 | -14.0 | 4.968 |
| 248116.3 | 842544.3 | 127.2 | 29.101 | 10.190 | 19.3 | 30.833 | 3.5 | 24.536 | 4.001 | 0.793 | 11.2 | 4.079 | 1.0 | 4.842 | -1.210 | -14.0 | 4.991 |
| 248115.7 | 842543.5 | 127.2 | 28.982 | 10.157 | 19.3 | 30.710 | 3.5 | 24.439 | 3.979 | 0.789 | 11.2 | 4.057 | 1.0 | 4.861 | -1.216 | -14.0 | 5.011 |
| 248115.1 | 842542.7 | 127.1 | 28.864 | 10.123 | 19.3 | 30.587 | 3.5 | 24.341 | 3.957 | 0.786 | 11.2 | 4.034 | 1.0 | 4.878 | -1.222 | -14.1 | 5.029 |
| 248114.5 | 842541.9 | 127.1 | 28.666 | 10.071 | 19.4 | 30.384 | 3.5 | 24.179 | 3.932 | 0.783 | 11.3 | 4.010 | 0.9 | 4.799 | -1.208 | -14.1 | 4.948 |
| 248113.9 | 842541.1 | 127.0 | 28.389 | 9.999 | 19.4 | 30.098 | 3.5 | 23.951 | 3.906 | 0.779 | 11.3 | 3.983 | 0.9 | 4.618 | -1.173 | -14.2 | 4.765 |
| 248113.3 | 842540.3 | 126.9 | 28.110 | 9.926 | 19.4 | 29.811 | 3.5 | 23.723 | 3.879 | 0.776 | 11.3 | 3.956 | 0.8 | 4.432 | -1.136 | -14.4 | 4.575 |
| 248112.8 | 842539.5 | 126.8 | 27.823 | 9.851 | 19.5 | 29.515 | 3.4 | 23.488 | 3.853 | 0.772 | 11.3 | 3.930 | 0.8 | 4.228 | -1.094 | -14.5 | 4.367 |
| 248112.2 | 842538.7 | 126.8 | 27.715 | 9.820 | 19.5 | 29.403 | 3.4 | 23.398 | 3.832 | 0.769 | 11.4 | 3.909 | 0.8 | 4.241 | -1.095 | -14.5 | 4.380 |
| 248111.6 | 842537.9 | 126.8 | 27.636 | 9.796 | 19.5 | 29.321 | 3.4 | 23.333 | 3.813 | 0.767 | 11.4 | 3.889 | 0.8 | 4.283 | -1.101 | -14.4 | 4.422 |
| 248111.0 | 842537.1 | 126.7 | 27.556 | 9.772 | 19.5 | 29.237 | 3.4 | 23.266 | 3.794 | 0.764 | 11.4 | 3.870 | 0.8 | 4.316 | -1.105 | -14.4 | 4.455 |
| 248110.4 | 842536.3 | 126.7 | 27.439 | 9.739 | 19.5 | 29.116 | 3.4 | 23.170 | 3.775 | 0.762 | 11.4 | 3.851 | 0.8 | 4.295 | -1.098 | -14.3 | 4.433 |
| 248109.8 | 842535.5 | 126.7 | 27.300 | 9.701 | 19.6 | 28.972 | 3.4 | 23.055 | 3.757 | 0.760 | 11.4 | 3.833 | 0.8 | 4.238 | -1.082 | -14.3 | 4.374 |
| 248109.2 | 842534.7 | 126.6 | 27.143 | 9.658 | 19.6 | 28.810 | 3.4 | 22.926 | 3.740 | 0.758 | 11.5 | 3.816 | 0.8 | 4.147 | -1.060 | -14.3 | 4.281 |
| 248108.6 | 842533.9 | 126.6 | 26.986 | 9.614 | 19.6 | 28.647 | 3.4 | 22.797 | 3.724 | 0.756 | 11.5 | 3.800 | 0.8 | 4.044 | -1.034 | -14.3 | 4.174 |
| 248108.0 | 842533.1 | 126.5 | 26.828 | 9.571 | 19.6 | 28.484 | 3.4 | 22.667 | 3.710 | 0.755 | 11.5 | 3.786 | 0.8 | 3.926 | -1.005 | -14.4 | 4.053 |
| 248107.4 | 842532.3 | 126.5 | 26.670 | 9.527 | 19.7 | 28.320 | 3.3 | 22.537 | 3.697 | 0.754 | 11.5 | 3.773 | 0.7 | 3.793 | -0.973 | -14.4 | 3.915 |
| 248106.8 | 842531.5 | 126.4 | 26.511 | 9.484 | 19.7 | 28.156 | 3.3 | 22.406 | 3.687 | 0.753 | 11.5 | 3.763 | 0.7 | 3.642 | -0.937 | -14.4 | 3.760 |
| 248106.2 | 842530.6 | 126.4 | 26.351 | 9.439 | 19.7 | 27.991 | 3.3 | 22.274 | 3.680 | 0.753 | 11.6 | 3.756 | 0.7 | 3.471 | -0.897 | -14.5 | 3.585 |
| 248105.6 | 842529.8 | 126.3 | 26.228 | 9.405 | 19.7 | 27.863 | 3.3 | 22.173 | 3.676 | 0.753 | 11.6 | 3.753 | 0.7 | 3.328 | -0.863 | -14.5 | 3.438 |
| 248105.1 | 842529.0 | 126.3 | 26.149 | 9.381 | 19.7 | 27.781 | 3.3 | 22.107 | 3.677 | 0.753 | 11.6 | 3.753 | 0.7 | 3.221 | -0.837 | -14.6 | 3.328 |

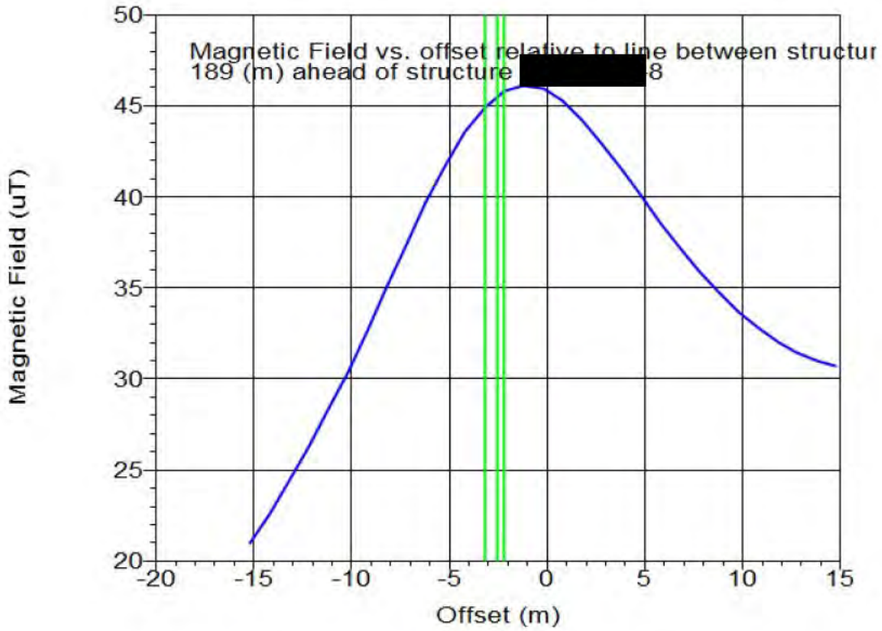
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248104.5 | 842528.2 | 126.4 | 26.252 | 9.404 | 19.7 | 27.885 | 3.3 | 22.190 | 3.686 | 0.755 | 11.6 | 3.762 | 0.7 | 3.327 | -0.855 | -14.4 | 3.435 |
| 248103.9 | 842527.4 | 126.4 | 26.399 | 9.439 | 19.7 | 28.036 | 3.3 | 22.310 | 3.699 | 0.757 | 11.6 | 3.776 | 0.8 | 3.467 | -0.881 | -14.3 | 3.577 |
| 248103.3 | 842526.6 | 126.5 | 26.546 | 9.473 | 19.6 | 28.185 | 3.3 | 22.429 | 3.716 | 0.759 | 11.5 | 3.793 | 0.8 | 3.583 | -0.904 | -14.2 | 3.695 |
| 248102.7 | 842525.8 | 126.5 | 26.678 | 9.503 | 19.6 | 28.320 | 3.3 | 22.537 | 3.736 | 0.762 | 11.5 | 3.813 | 0.9 | 3.657 | -0.919 | -14.1 | 3.771 |
| 248102.1 | 842525.0 | 126.6 | 26.828 | 9.538 | 19.6 | 28.473 | 3.3 | 22.658 | 3.760 | 0.765 | 11.5 | 3.837 | 0.9 | 3.731 | -0.936 | -14.1 | 3.847 |
| 248101.5 | 842524.2 | 126.7 | 26.996 | 9.577 | 19.5 | 28.645 | 3.3 | 22.795 | 3.788 | 0.768 | 11.5 | 3.865 | 0.9 | 3.805 | -0.954 | -14.1 | 3.923 |
| 248100.9 | 842523.4 | 126.7 | 27.161 | 9.616 | 19.5 | 28.813 | 3.3 | 22.929 | 3.818 | 0.771 | 11.4 | 3.895 | 0.9 | 3.854 | -0.968 | -14.1 | 3.974 |
| 248100.3 | 842522.6 | 126.8 | 27.336 | 9.657 | 19.5 | 28.992 | 3.3 | 23.071 | 3.851 | 0.775 | 11.4 | 3.929 | 1.0 | 3.896 | -0.982 | -14.2 | 4.018 |
| 248099.7 | 842521.8 | 126.9 | 27.505 | 9.696 | 19.4 | 29.163 | 3.3 | 23.208 | 3.887 | 0.779 | 11.3 | 3.964 | 1.0 | 3.910 | -0.993 | -14.2 | 4.034 |
| 248099.1 | 842521.0 | 127.0 | 27.699 | 9.741 | 19.4 | 29.362 | 3.3 | 23.365 | 3.925 | 0.783 | 11.3 | 4.002 | 1.0 | 3.941 | -1.007 | -14.3 | 4.067 |
| 248098.5 | 842520.2 | 127.1 | 27.919 | 9.793 | 19.3 | 29.586 | 3.3 | 23.544 | 3.965 | 0.788 | 11.2 | 4.042 | 1.0 | 3.988 | -1.026 | -14.4 | 4.118 |
| 248097.9 | 842519.4 | 127.1 | 28.131 | 9.843 | 19.3 | 29.803 | 3.3 | 23.716 | 4.006 | 0.792 | 11.2 | 4.083 | 1.0 | 4.013 | -1.042 | -14.6 | 4.146 |
| 248097.3 | 842518.6 | 127.3 | 28.454 | 9.919 | 19.2 | 30.133 | 3.3 | 23.979 | 4.050 | 0.796 | 11.1 | 4.127 | 1.0 | 4.166 | -1.084 | -14.6 | 4.304 |
| 248096.8 | 842517.8 | 127.4 | 28.840 | 10.011 | 19.1 | 30.528 | 3.3 | 24.293 | 4.094 | 0.801 | 11.1 | 4.172 | 1.0 | 4.387 | -1.139 | -14.6 | 4.533 |
| 248096.2 | 842517.0 | 127.5 | 29.231 | 10.103 | 19.1 | 30.928 | 3.3 | 24.612 | 4.137 | 0.806 | 11.0 | 4.215 | 1.0 | 4.611 | -1.194 | -14.5 | 4.764 |
| 248095.6 | 842516.1 | 127.7 | 29.638 | 10.199 | 19.0 | 31.343 | 3.4 | 24.942 | 4.179 | 0.810 | 11.0 | 4.257 | 1.1 | 4.852 | -1.252 | -14.5 | 5.010 |
| 248095.0 | 842515.3 | 127.8 | 29.957 | 10.273 | 18.9 | 31.670 | 3.4 | 25.202 | 4.215 | 0.814 | 10.9 | 4.293 | 1.1 | 4.992 | -1.288 | -14.5 | 5.155 |
| 248094.4 | 842514.5 | 127.9 | 30.278 | 10.347 | 18.9 | 31.997 | 3.4 | 25.462 | 4.249 | 0.818 | 10.9 | 4.327 | 1.1 | 5.139 | -1.324 | -14.4 | 5.307 |
| 248093.8 | 842513.7 | 128.1 | 31.025 | 10.521 | 18.7 | 32.761 | 3.4 | 26.070 | 4.291 | 0.823 | 10.9 | 4.369 | 1.2 | 5.782 | -1.455 | -14.1 | 5.962 |
| 248093.2 | 842512.9 | 128.3 | 31.503 | 10.630 | 18.6 | 33.248 | 3.5 | 26.458 | 4.322 | 0.827 | 10.8 | 4.401 | 1.2 | 6.118 | -1.524 | -14.0 | 6.305 |
| 248092.6 | 842512.1 | 128.4 | 31.801 | 10.697 | 18.6 | 33.551 | 3.5 | 26.699 | 4.346 | 0.831 | 10.8 | 4.425 | 1.2 | 6.262 | -1.554 | -13.9 | 6.452 |
| 248092.0 | 842511.3 | 128.5 | 32.243 | 10.797 | 18.5 | 34.003 | 3.5 | 27.059 | 4.371 | 0.835 | 10.8 | 4.450 | 1.3 | 6.576 | -1.615 | -13.8 | 6.771 |
| 248091.4 | 842510.5 | 128.7 | 32.695 | 10.899 | 18.4 | 34.463 | 3.6 | 27.425 | 4.394 | 0.838 | 10.8 | 4.474 | 1.3 | 6.907 | -1.678 | -13.7 | 7.108 |
| 248090.8 | 842509.7 | 128.8 | 33.153 | 11.001 | 18.4 | 34.930 | 3.6 | 27.797 | 4.416 | 0.842 | 10.8 | 4.495 | 1.4 | 7.252 | -1.743 | -13.5 | 7.459 |
| 248090.2 | 842508.9 | 128.8 | 33.001 | 10.965 | 18.4 | 34.775 | 3.6 | 27.673 | 4.415 | 0.843 | 10.8 | 4.495 | 1.3 | 6.964 | -1.684 | -13.6 | 7.164 |
| 248089.6 | 842508.1 | 128.6 | 32.134 | 10.766 | 18.5 | 33.890 | 3.5 | 26.969 | 4.391 | 0.843 | 10.9 | 4.472 | 1.1 | 5.909 | -1.475 | -14.0 | 6.090 |
| 248089.1 | 842507.3 | 128.6 | 32.071 | 10.750 | 18.5 | 33.825 | 3.5 | 26.917 | 4.390 | 0.845 | 10.9 | 4.471 | 1.0 | 5.734 | -1.436 | -14.1 | 5.911 |
| 248088.5 | 842506.5 | 128.6 | 32.040 | 10.742 | 18.5 | 33.793 | 3.5 | 26.891 | 4.388 | 0.846 | 10.9 | 4.469 | 1.0 | 5.609 | -1.406 | -14.1 | 5.783 |
| 248087.9 | 842505.7 | 128.6 | 31.975 | 10.726 | 18.5 | 33.726 | 3.5 | 26.838 | 4.384 | 0.847 | 10.9 | 4.465 | 1.0 | 5.458 | -1.370 | -14.1 | 5.627 |
| 248087.3 | 842504.9 | 128.7 | 31.901 | 10.708 | 18.6 | 33.650 | 3.5 | 26.778 | 4.377 | 0.847 | 11.0 | 4.458 | 1.0 | 5.309 | -1.334 | -14.1 | 5.474 |
| 248086.7 | 842504.1 | 128.7 | 31.866 | 10.699 | 18.6 | 33.614 | 3.5 | 26.749 | 4.370 | 0.848 | 11.0 | 4.451 | 1.0 | 5.215 | -1.307 | -14.1 | 5.376 |
| 248086.1 | 842503.3 | 128.8 | 32.055 | 10.741 | 18.5 | 33.806 | 3.5 | 26.902 | 4.367 | 0.848 | 11.0 | 4.448 | 1.0 | 5.383 | -1.332 | -13.9 | 5.545 |
| 248085.5 | 842502.4 | 128.8 | 32.176 | 10.769 | 18.5 | 33.931 | 3.5 | 27.001 | 4.360 | 0.849 | 11.0 | 4.442 | 1.1 | 5.484 | -1.342 | -13.8 | 5.646 |
| 248084.9 | 842501.6 | 128.9 | 32.275 | 10.791 | 18.5 | 34.031 | 3.6 | 27.081 | 4.353 | 0.849 | 11.0 | 4.435 | 1.1 | 5.566 | -1.350 | -13.6 | 5.727 |
| 248084.3 | 842500.8 | 128.9 | 32.330 | 10.803 | 18.5 | 34.087 | 3.6 | 27.126 | 4.343 | 0.849 | 11.1 | 4.425 | 1.2 | 5.607 | -1.348 | -13.5 | 5.767 |
| 248083.7 | 842500.0 | 128.9 | 32.141 | 10.759 | 18.5 | 33.893 | 3.5 | 26.972 | 4.326 | 0.848 | 11.1 | 4.408 | 1.1 | 5.384 | -1.296 | -13.5 | 5.538 |
| 248083.1 | 842499.2 | 128.9 | 32.068 | 10.741 | 18.5 | 33.820 | 3.5 | 26.913 | 4.312 | 0.847 | 11.1 | 4.394 | 1.2 | 5.293 | -1.269 | -13.5 | 5.443 |
| 248082.5 | 842498.4 | 128.9 | 31.953 | 10.714 | 18.5 | 33.702 | 3.5 | 26.819 | 4.298 | 0.847 | 11.1 | 4.380 | 1.2 | 5.155 | -1.234 | -13.5 | 5.300 |
| 248081.9 | 842497.6 | 128.9 | 31.665 | 10.647 | 18.6 | 33.407 | 3.5 | 26.584 | 4.280 | 0.846 | 11.2 | 4.362 | 1.1 | 4.821 | -1.161 | -13.5 | 4.959 |
| 248081.4 | 842496.8 | 128.9 | 31.457 | 10.598 | 18.6 | 33.194 | 3.5 | 26.415 | 4.266 | 0.844 | 11.2 | 4.349 | 1.1 | 4.573 | -1.106 | -13.6 | 4.705 |
| 248080.8 | 842496.0 | 128.8 | 31.115 | 10.517 | 18.7 | 32.845 | 3.5 | 26.137 | 4.250 | 0.843 | 11.2 | 4.333 | 1.0 | 4.166 | -1.022 | -13.8 | 4.289 |
| 248080.2 | 842495.2 | 128.8 | 30.712 | 10.421 | 18.7 | 32.432 | 3.4 | 25.808 | 4.236 | 0.841 | 11.2 | 4.319 | 1.0 | 3.675 | -0.921 | -14.1 | 3.788 |
| 248079.6 | 842494.4 | 128.8 | 30.827 | 10.448 | 18.7 | 32.549 | 3.4 | 25.902 | 4.236 | 0.840 | 11.2 | 4.319 | 1.0 | 3.774 | -0.941 | -14.0 | 3.889 |
| 248079.0 | 842493.6 | 128.9 | 30.940 | 10.475 | 18.7 | 32.665 | 3.4 | 25.994 | 4.238 | 0.840 | 11.2 | 4.320 | 1.1 | 3.862 | -0.960 | -14.0 | 3.979 |
| 248078.4 | 842492.8 | 129.0 | 31.055 | 10.502 | 18.7 | 32.783 | 3.4 | 26.088 | 4.241 | 0.839 | 11.2 | 4.323 | 1.1 | 3.944 | -0.980 | -13.9 | 4.064 |
| 248077.8 | 842492.0 | 129.1 | 31.294 | 10.558 | 18.6 | 33.027 | 3.5 | 26.282 | 4.249 | 0.838 | 11.2 | 4.331 | 1.2 | 4.158 | -1.027 | -13.9 | 4.282 |
| 248077.2 | 842491.2 | 129.2 | 31.499 | 10.607 | 18.6 | 33.237 | 3.5 | 26.449 | 4.257 | 0.838 | 11.1 | 4.338 | 1.3 | 4.323 | -1.065 | -13.8 | 4.453 |
| 248076.6 | 842490.4 | 129.3 | 31.694 | 10.653 | 18.6 | 33.437 | 3.5 | 26.608 | 4.265 | 0.837 | 11.1 | 4.346 | 1.3 | 4.471 | -1.100 | -13.8 | 4.604 |
| 248076.0 | 842489.6 | 129.4 | 31.936 | 10.710 | 18.5 | 33.684 | 3.6 | 26.805 | 4.275 | 0.837 | 11.1 | 4.356 | 1.4 | 4.661 | -1.145 | -13.8 | 4.800 |
| 248075.4 | 842488.8 | 129.5 | 32.094 | 10.748 | 18.5 | 33.846 | 3.6 | 26.933 | 4.282 | 0.837 | 11.1 | 4.363 | 1.4 | 4.754 | -1.170 | -13.8 | 4.896 |
| 248074.8 | 842487.9 | 129.6 | 32.171 | 10.766 | 18.5 | 33.924 | 3.6 | 26.996 | 4.288 | 0.836 | 11.0 | 4.369 | 1.4 | 4.753 | -1.177 | -13.9 | 4.896 |
| 248074.2 | 842487.1 | 129.6 | 32.036 | 10.735 | 18.5 | 33.787 | 3.6 | 26.887 | 4.287 | 0.836 | 11.0 | 4.368 | 1.3 | 4.517 | -1.137 | -14.1 | 4.658 |
| 248073.6 | 842486.3 | 129.6 | 32.139 | 10.760 | 18.5 | 33.892 | 3.6 | 26.971 | 4.293 | 0.836 | 11.0 | 4.373 | 1.3 | 4.538 | -1.148 | -14.2 | 4.681 |
| 248073.1 | 842485.5 | 129.7 | 32.316 | 10.803 | 18.5 | 34.073 | 3.6 | 27.115 | 4.300 | 0.836 | 11.0 | 4.380 | 1.3 | 4.636 | -1.174 | -14.2 | 4.782 |
| 248072.5 | 842484.7 | 129.8 | 32.493 | 10.845 | 18.5 | 34.256 | 3.6 | 27.260 | 4.307 | 0.837 | 11.0 | 4.387 | 1.3 | 4.732 | -1.198 | -14.2 | 4.881 |
| 248071.9 | 842483.9 | 129.9 | 32.743 | 10.904 | 18.4 | 34.511 | 3.7 | 27.463 | 4.316 | 0.837 | 11.0 | 4.396 | 1.4 | 4.900 | -1.237 | -14.2 | 5.054 |
| 248071.3 | 842483.1 | 130.0 | 32.864 | 10.934 | 18.4 | 34.635 | 3.7 | 27.562 | 4.321 | 0.838 | 11.0 | 4.402 | 1.4 | 4.925 | -1.248 | -14.2 | 5.081 |
| 248070.7 | 842482.3 | 130.2 | 33.324 | 11.042 | 18.3 | 35.105 | 3.8 | 27.936 | 4.337 | 0.839 | 11.0 | 4.418 | 1.5 | 5.304 | -1.329 | -14.1 | 5.468 |
| 248070.1 | 842481.5 | 130.2 | 33.174 | 11.009 | 18.4 | 34.953 | 3.8 | 27.815 | 4.336 | 0.839 | 11.0 | 4.417 | 1.5 | 5.035 | -1.282 | -14.3 | 5.196 |
| 248069.5 | 842480.7 | 130.2 | 33.031 | 10.977 | 18.4 | 34.808 | 3.7 | 27.699 | 4.337 | 0.839 | 11.0 | 4.417 | 1.4 | 4.768 | -1.236 | -14.5 | 4.926 |
| 248068.9 | 842479.9 | 130.4 | 33.373 | 11.058 | 18.3 | 35.158 | 3.8 | 27.978 | 4.351 | 0.840 | 10.9 | 4.431 | 1.5 | 5.011 | -1.291 | -14.4 | 5.175 |
| 248068.3 | 842479.1 | 130.6 | 34.090 | 11.226 | 18.2 | 35.891 | 3.9 | 28.561 | 4.377 | 0.843 | 10.9 | 4.457 | 1.6 | 5.635 | -1.420 | -14.1 | 5.811 |
| 248067.7 | 842478.3 | 130.7 | 34.287 | 11.274 | 18.2 | 36.093 | 3.9 | 28.722 | 4.387 | 0.843 | 10.9 | 4.467 | 1.7 | 5.716 | -1.443 | -14.2 | 5.895 |
| 248067.1 | 842477.5 | 130.8 | 34.523 | 11.330 | 18.2 | 36.335 | 4.0 | 28.914 | 4.398 | 0.844 | 10.9 | 4.478 | 1.7 | 5.835 | -1.473 | -14.2 | 6.018 |
| 248066.5 | 842476.7 | 130.9 | 34.758 | 11.387 | 18.1 | 36.575 | 4.0 | 29.106 | 4.408 | 0.845 | 10.9 | 4.488 | 1.7 | 5.954 | -1.502 | -14.2 | 6.140 |
| 248065.9 | 842475.9 | 131.0 | 34.991 | 11.443 | 18.1 | 36.814 | 4.1 | 29.296 | 4.417 | 0.846 | 10.8 | 4.497 | 1.7 | 6.072 | -1.530 | -14.1 | 6.262 |
| 248065.4 | 842475.1 | 131.1 | 35.210 | 11.496 | 18.1 | 37.039 | 4.1 | 29.475 | 4.424 | 0.847 | 10.8 | 4.505 | 1.8 | 6.180 | -1.556 | -14.1 | 6.373 |
| 248064.8 | 842474.3 | 131.2 | 35.337 | 11.527 | 18.1 | 37.169 | 4.1 | 29.578 | 4.427 | 0.848 | 10.8 | 4.508 | 1.8 | 6.202 | -1.563 | -14.1 | 6.396 |
| 248064.2 | 842473.4 | 131.2 | 34.834 | 11.415 | 18.1 | 36.657 | 4.1 | 29.170 | 4.410 | 0.847 | 10.9 | 4.491 | 1.6 | 5.603 | -1.448 | -14.5 | 5.787 |
| 248063.6 | 842472.6 | 131.3 | 35.096 | 11.478 | 18.1 | 36.925 | 4.1 | 29.384 | 4.414 | 0.848 | 10.9 | 4.495 | 1.6 | 5.775 | -1.483 | -14.4 | 5.962 |
| 248063.0 | 842471.8 | 131.3 | 34.737 | 11.398 | 18.2 | 36.559 | 4.1 | 29.093 | 4.399 | 0.847 | 10.9 | 4.480 | 1.4 | 5.330 | -1.395 | -14.7 | 5.510 |
| 248062.4 | 842471.0 | 131.3 | 34.755 | 11.406 | 18.2 | 36.579 | 4.1 | 29.108 | 4.394 | 0.847 | 10.9 | 4.475 | 1.4 | 5.275 | -1.382 | -14.7 | 5.454 |
| 248061.8 | 842470.2 | 131.3 | 34.387 | 11.323 | 18.2 | 36.203 | 4.0 | 28.809 | 4.377 | 0.846 | 10.9 | 4.458 | 1.3 | 4.834 | -1.293 | -15.0 | 5.004 |
| 248061.2 | 842469.4 | 131.4 | 34.604 | 11.377 | 18.2 | 36.426 | 4.1 | 28.987 | 4.372 | 0.846 | 11.0 | 4.453 | 1.3 | 5.003 | -1.321 | -14.8 | 5.175 |
| 248060.6 | 842468.6 | 131.6 | 35.082 | 11.492 | 18.1 | 36.917 | 4.2 | 29.377 | 4.373 | 0.847 | 11.0 | 4.454 | 1.5 | 5.445 | -1.400 | -14.4 | 5.622 |
| 248060.0 | 842467.8 | 131.6 | 34.794 | 11.428 | 18.2 | 36.622 | 4.1 | 29.143 | 4.352 | 0.846 | 11.0 | 4.434 | 1.3 | 5.121 | -1.329 | -14.5 | 5.291 |
| 248059.4 | 842467.0 | 131.7 | 34.679 | 11.405 | 18.2 | 36.506 | 4.1 | 29.051 | 4.335 | 0.846 | 11.0 | 4.416 | 1.3 | 4.983 | -1.291 | -14.5 | 5.148 |
| 248058.8 | 842466.2 | 131.8 | 35.013 | 11.486 | 18.2 | 36.849 | 4.2 | 29.323 | 4.327 | 0.846 | 11.1 | 4.409 | 1.4 | 5.308 | -1.344 | -14.2 | 5.476 |
| 248058.2 | 842465.4 | 131.9 | 34.963 | 11.479 | 18.2 | 36.799 | 4.2 | 29.284 | 4.308 | 0.846 | 11.1 | 4.390 | 1.4 | 5.256 | -1.321 | -14.1 | 5.420 |
| 248057.7 | 842464.6 | 131.9 | 34.872 | 11.461 | 18.2 | 36.707 | 4.2 | 29.211 | 4.288 | 0.845 | 11.1 | 4.370 | 1.4 | 5.170 | -1.291 | -14.0 | 5.329 |
| 248057.1 | 842463.8 | 132.0 | 34.810 | 11.451 | 18.2 | 36.644 | 4.2 | 29.161 | 4.268 | 0.844 | 11.2 | 4.351 | 1.4 | 5.120 | -1.266 | -13.9 | 5.274 |
| 248056.5 | 842463.0 | 132.0 | 34.849 | 11.464 | 18.2 | 36.687 | 4.2 | 29.194 | 4.251 | 0.844 | 11.2 | 4.333 | 1.5 | 5.179 | -1.263 | -13.7 | 5.331 |
| 248055.9 | 842462.2 | 132.1 | 34.802 | 11.457 | 18.2 | 36.639 | 4.2 | 29.157 | 4.231 | 0.843 | 11.3 | 4.314 | 1.5 | 5.155 | -1.243 | -13.6 | 5.303 |
| 248055.3 | 842461.4 | 132.1 | 34.641 | 11.423 | 18.3 | 36.476 | 4.2 | 29.026 | 4.209 | 0.841 | 11.3 | 4.292 | 1.5 | 5.021 | -1.201 | -13.4 | 5.163 |
| 248054.7 | 842460.6 | 132.2 | 34.478 | 11.389 | 18.3 | 36.310 | 4.2 | 28.894 | 4.187 | 0.840 | 11.3 | 4.271 | 1.5 | 4.889 | -1.159 | -13.3 | 5.024 |
| 248054.1 | 842459.8 | 132.2 | 34.356 | 11.364 | 18.3 | 36.186 | 4.2 | 28.796 | 4.167 | 0.839 | 11.4 | 4.251 | 1.5 | 4.801 | -1.126 | -13.2 | 4.931 |
| 248053.5 | 842458.9 | 132.3 | 34.488 | 11.400 | 18.3 | 36.323 | 4.2 | 28.905 | 4.153 | 0.838 | 11.4 | 4.237 | 1.6 | 4.970 | -1.146 | -13.0 | 5.101 |

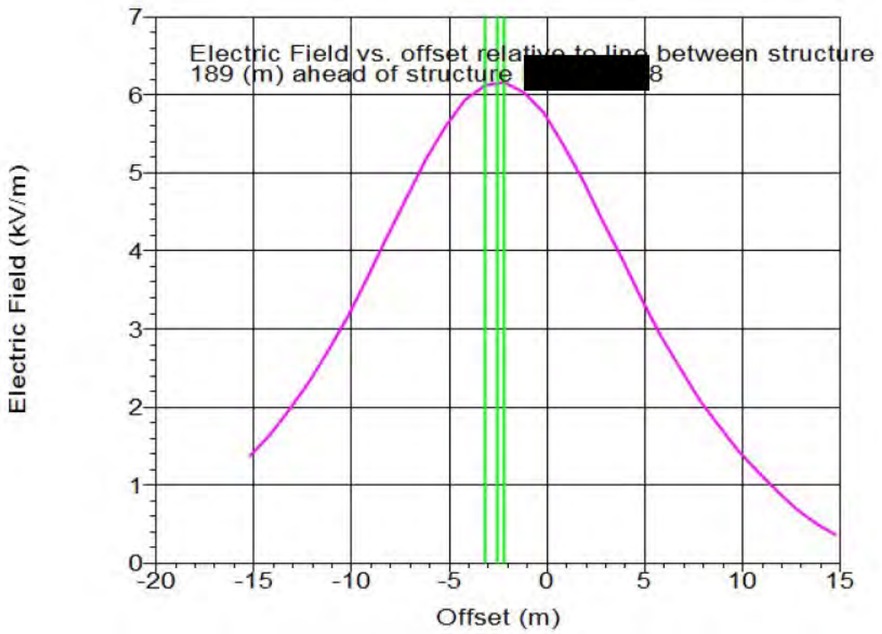
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248052.9 | 842458.1 | 132.4 | 34.491 | 11.405 | 18.3 | 36.328 | 4.2 | 28.909 | 4.136 | 0.837 | 11.4 | 4.220 | 1.7 | 5.013 | -1.141 | -12.8 | 5.142 |
| 248052.3 | 842457.3 | 132.5 | 34.484 | 11.408 | 18.3 | 36.322 | 4.2 | 28.904 | 4.119 | 0.835 | 11.5 | 4.203 | 1.7 | 5.048 | -1.135 | -12.7 | 5.174 |
| 248051.7 | 842456.5 | 132.4 | 34.058 | 11.310 | 18.4 | 35.887 | 4.2 | 28.558 | 4.091 | 0.833 | 11.5 | 4.175 | 1.6 | 4.668 | -1.044 | -12.6 | 4.783 |
| 248051.1 | 842455.7 | 132.4 | 33.754 | 11.241 | 18.4 | 35.577 | 4.1 | 28.311 | 4.067 | 0.831 | 11.5 | 4.151 | 1.5 | 4.410 | -0.979 | -12.5 | 4.517 |
| 248050.5 | 842454.9 | 132.5 | 33.583 | 11.204 | 18.4 | 35.403 | 4.1 | 28.173 | 4.046 | 0.829 | 11.6 | 4.130 | 1.5 | 4.289 | -0.943 | -12.4 | 4.391 |
| 248049.9 | 842454.1 | 132.6 | 33.653 | 11.251 | 18.5 | 35.484 | 4.1 | 28.237 | 4.038 | 0.830 | 11.6 | 4.123 | 1.6 | 4.329 | -0.932 | -12.1 | 4.428 |
| 248049.4 | 842453.3 | 132.6 | 33.672 | 11.260 | 18.5 | 35.505 | 4.1 | 28.254 | 4.022 | 0.828 | 11.6 | 4.106 | 1.6 | 4.410 | -0.939 | -12.0 | 4.509 |
| 248048.8 | 842452.5 | 132.8 | 33.839 | 11.306 | 18.5 | 35.678 | 4.2 | 28.391 | 4.008 | 0.827 | 11.7 | 4.092 | 1.7 | 4.646 | -0.980 | -11.9 | 4.748 |
| 248048.2 | 842451.7 | 132.9 | 34.057 | 11.364 | 18.5 | 35.903 | 4.2 | 28.571 | 3.995 | 0.825 | 11.7 | 4.080 | 1.9 | 4.936 | -1.034 | -11.8 | 5.043 |
| 248047.6 | 842450.9 | 133.0 | 34.009 | 11.358 | 18.5 | 35.855 | 4.2 | 28.533 | 3.975 | 0.822 | 11.7 | 4.059 | 1.9 | 4.966 | -1.034 | -11.8 | 5.072 |
| 248047.0 | 842450.1 | 133.0 | 33.893 | 11.326 | 18.5 | 35.735 | 4.1 | 28.437 | 3.945 | 0.811 | 11.6 | 4.027 | 1.9 | 5.032 | -1.064 | -11.9 | 5.144 |
| 248046.4 | 842449.3 | 133.1 | 33.769 | 11.301 | 18.5 | 35.610 | 4.1 | 28.338 | 3.920 | 0.807 | 11.6 | 4.003 | 1.9 | 5.004 | -1.054 | -11.9 | 5.114 |
| 248045.8 | 842448.5 | 133.1 | 33.383 | 11.211 | 18.6 | 35.216 | 4.0 | 28.024 | 3.888 | 0.803 | 11.7 | 3.970 | 1.8 | 4.722 | -0.991 | -11.8 | 4.824 |
| 248045.2 | 842447.7 | 133.1 | 33.202 | 11.171 | 18.6 | 35.031 | 4.0 | 27.877 | 3.860 | 0.798 | 11.7 | 3.942 | 1.7 | 4.653 | -0.972 | -11.8 | 4.753 |
| 248044.6 | 842446.9 | 133.1 | 32.943 | 11.112 | 18.6 | 34.766 | 4.0 | 27.666 | 3.828 | 0.794 | 11.7 | 3.910 | 1.7 | 4.515 | -0.940 | -11.8 | 4.611 |
| 248044.0 | 842446.1 | 133.0 | 32.244 | 10.942 | 18.7 | 34.050 | 3.8 | 27.096 | 3.787 | 0.787 | 11.7 | 3.868 | 1.5 | 3.931 | -0.815 | -11.7 | 4.015 |
| 248043.4 | 842445.3 | 133.0 | 31.851 | 10.848 | 18.8 | 33.648 | 3.7 | 26.776 | 3.752 | 0.782 | 11.8 | 3.832 | 1.4 | 3.665 | -0.757 | -11.7 | 3.742 |
| 248042.8 | 842444.4 | 133.0 | 31.581 | 10.784 | 18.9 | 33.371 | 3.7 | 26.556 | 3.718 | 0.776 | 11.8 | 3.799 | 1.4 | 3.533 | -0.728 | -11.6 | 3.607 |
| 248042.2 | 842443.6 | 133.0 | 31.323 | 10.723 | 18.9 | 33.108 | 3.6 | 26.346 | 3.686 | 0.770 | 11.8 | 3.766 | 1.3 | 3.419 | -0.704 | -11.6 | 3.491 |
| 248041.7 | 842442.8 | 133.0 | 30.996 | 10.644 | 19.0 | 32.772 | 3.5 | 26.079 | 3.653 | 0.764 | 11.8 | 3.732 | 1.3 | 3.234 | -0.667 | -11.6 | 3.302 |
| 248041.1 | 842442.0 | 133.0 | 30.491 | 10.518 | 19.0 | 32.254 | 3.4 | 25.667 | 3.618 | 0.757 | 11.8 | 3.696 | 1.2 | 2.856 | -0.591 | -11.7 | 2.916 |
| 248040.5 | 842441.2 | 133.1 | 30.631 | 10.560 | 19.0 | 32.400 | 3.5 | 25.783 | 3.595 | 0.751 | 11.8 | 3.673 | 1.3 | 3.182 | -0.664 | -11.8 | 3.251 |
| 248039.9 | 842440.4 | 133.2 | 30.650 | 10.570 | 19.0 | 32.421 | 3.5 | 25.800 | 3.571 | 0.745 | 11.8 | 3.648 | 1.4 | 3.376 | -0.712 | -11.9 | 3.450 |
| 248039.3 | 842439.6 | 133.3 | 30.642 | 10.572 | 19.0 | 32.414 | 3.5 | 25.794 | 3.548 | 0.739 | 11.8 | 3.624 | 1.4 | 3.542 | -0.755 | -12.0 | 3.621 |
| 248038.7 | 842438.8 | 133.5 | 30.995 | 10.670 | 19.0 | 32.780 | 3.6 | 26.086 | 3.532 | 0.733 | 11.7 | 3.607 | 1.6 | 4.091 | -0.879 | -12.1 | 4.185 |
| 248038.1 | 842438.0 | 133.6 | 30.956 | 10.665 | 19.0 | 32.741 | 3.6 | 26.055 | 3.508 | 0.726 | 11.7 | 3.583 | 1.6 | 4.227 | -0.918 | -12.3 | 4.325 |
| 248037.5 | 842437.2 | 133.6 | 30.776 | 10.623 | 19.0 | 32.558 | 3.5 | 25.909 | 3.482 | 0.719 | 11.7 | 3.555 | 1.6 | 4.220 | -0.927 | -12.4 | 4.321 |
| 248036.9 | 842436.4 | 133.6 | 30.346 | 10.516 | 19.1 | 32.117 | 3.4 | 25.558 | 3.449 | 0.711 | 11.7 | 3.522 | 1.4 | 3.955 | -0.882 | -12.6 | 4.052 |
| 248036.3 | 842435.6 | 133.5 | 29.876 | 10.397 | 19.2 | 31.633 | 3.3 | 25.173 | 3.415 | 0.703 | 11.6 | 3.487 | 1.3 | 3.647 | -0.829 | -12.8 | 3.740 |
| 248035.7 | 842434.8 | 133.5 | 29.426 | 10.283 | 19.3 | 31.171 | 3.2 | 24.805 | 3.382 | 0.695 | 11.6 | 3.453 | 1.1 | 3.361 | -0.780 | -13.1 | 3.451 |
| 248035.1 | 842434.0 | 133.4 | 28.984 | 10.169 | 19.3 | 30.717 | 3.1 | 24.444 | 3.348 | 0.687 | 11.6 | 3.418 | 1.0 | 3.086 | -0.733 | -13.4 | 3.172 |
| 248034.5 | 842433.2 | 133.4 | 28.719 | 10.103 | 19.4 | 30.444 | 3.0 | 24.226 | 3.317 | 0.680 | 11.6 | 3.386 | 0.9 | 3.009 | -0.726 | -13.6 | 3.095 |
| 248034.0 | 842432.4 | 133.5 | 28.516 | 10.053 | 19.4 | 30.236 | 3.0 | 24.061 | 3.286 | 0.673 | 11.6 | 3.354 | 0.9 | 3.008 | -0.733 | -13.7 | 3.096 |
| 248033.4 | 842431.6 | 133.5 | 28.297 | 9.998 | 19.5 | 30.012 | 2.9 | 23.882 | 3.254 | 0.665 | 11.6 | 3.321 | 0.8 | 2.996 | -0.737 | -13.8 | 3.085 |
| 248032.8 | 842430.8 | 133.4 | 27.815 | 9.872 | 19.5 | 29.515 | 2.8 | 23.487 | 3.218 | 0.657 | 11.5 | 3.284 | 0.7 | 2.689 | -0.680 | -14.2 | 2.774 |
| 248032.2 | 842429.9 | 133.4 | 27.434 | 9.772 | 19.6 | 29.122 | 2.7 | 23.175 | 3.183 | 0.649 | 11.5 | 3.248 | 0.6 | 2.499 | -0.646 | -14.5 | 2.581 |
| 248031.6 | 842429.1 | 133.6 | 27.624 | 9.829 | 19.6 | 29.321 | 2.8 | 23.333 | 3.156 | 0.643 | 11.5 | 3.221 | 0.7 | 2.967 | -0.744 | -14.1 | 3.059 |
| 248031.0 | 842428.3 | 133.6 | 27.415 | 9.776 | 19.6 | 29.106 | 2.7 | 23.162 | 3.124 | 0.636 | 11.5 | 3.188 | 0.6 | 2.983 | -0.749 | -14.1 | 3.075 |
| 248030.4 | 842427.5 | 133.6 | 27.100 | 9.693 | 19.7 | 28.782 | 2.6 | 22.904 | 3.090 | 0.629 | 11.5 | 3.153 | 0.6 | 2.878 | -0.728 | -14.2 | 2.969 |
| 248029.8 | 842426.7 | 133.5 | 26.744 | 9.599 | 19.7 | 28.415 | 2.5 | 22.612 | 3.055 | 0.622 | 11.5 | 3.118 | 0.5 | 2.726 | -0.697 | -14.3 | 2.814 |
| 248029.2 | 842425.9 | 133.5 | 26.394 | 9.505 | 19.8 | 28.053 | 2.4 | 22.324 | 3.021 | 0.615 | 11.5 | 3.083 | 0.4 | 2.578 | -0.665 | -14.5 | 2.663 |
| 248028.6 | 842425.1 | 133.5 | 26.079 | 9.421 | 19.9 | 27.729 | 2.3 | 22.066 | 2.989 | 0.608 | 11.5 | 3.050 | 0.4 | 2.470 | -0.641 | -14.5 | 2.551 |
| 248028.0 | 842424.3 | 133.5 | 25.824 | 9.354 | 19.9 | 27.466 | 2.3 | 21.857 | 2.958 | 0.601 | 11.5 | 3.018 | 0.4 | 2.428 | -0.629 | -14.5 | 2.508 |
| 248027.4 | 842423.5 | 133.5 | 25.667 | 9.313 | 19.9 | 27.305 | 2.2 | 21.729 | 2.929 | 0.596 | 11.5 | 2.989 | 0.4 | 2.499 | -0.639 | -14.3 | 2.579 |
| 248026.8 | 842422.7 | 133.6 | 25.511 | 9.273 | 20.0 | 27.144 | 2.2 | 21.600 | 2.902 | 0.590 | 11.5 | 2.961 | 0.4 | 2.566 | -0.647 | -14.1 | 2.646 |
| 248026.2 | 842421.9 | 133.6 | 25.354 | 9.232 | 20.0 | 26.982 | 2.1 | 21.472 | 2.875 | 0.584 | 11.5 | 2.934 | 0.4 | 2.628 | -0.653 | -14.0 | 2.708 |
| 248025.7 | 842421.1 | 133.7 | 25.197 | 9.192 | 20.0 | 26.821 | 2.1 | 21.343 | 2.849 | 0.579 | 11.5 | 2.907 | 0.5 | 2.685 | -0.658 | -13.8 | 2.765 |
| 248025.1 | 842420.3 | 133.7 | 24.998 | 9.139 | 20.1 | 26.616 | 2.0 | 21.181 | 2.824 | 0.574 | 11.5 | 2.881 | 0.5 | 2.688 | -0.652 | -13.6 | 2.766 |
| 248024.5 | 842419.5 | 133.7 | 24.797 | 9.085 | 20.1 | 26.409 | 2.0 | 21.016 | 2.799 | 0.569 | 11.5 | 2.856 | 0.5 | 2.681 | -0.643 | -13.5 | 2.757 |
| 248023.9 | 842418.7 | 133.7 | 24.578 | 9.026 | 20.2 | 26.183 | 1.9 | 20.836 | 2.775 | 0.565 | 11.5 | 2.831 | 0.5 | 2.646 | -0.628 | -13.4 | 2.719 |
| 248023.3 | 842417.9 | 133.7 | 24.369 | 8.969 | 20.2 | 25.968 | 1.8 | 20.664 | 2.751 | 0.560 | 11.5 | 2.808 | 0.5 | 2.616 | -0.614 | -13.2 | 2.687 |
| 248022.7 | 842417.1 | 133.8 | 24.162 | 8.913 | 20.2 | 25.753 | 1.8 | 20.494 | 2.729 | 0.556 | 11.5 | 2.785 | 0.5 | 2.580 | -0.600 | -13.1 | 2.649 |
| 248022.1 | 842416.3 | 133.7 | 23.794 | 8.809 | 20.3 | 25.373 | 1.7 | 20.191 | 2.705 | 0.551 | 11.5 | 2.761 | 0.4 | 2.342 | -0.544 | -13.1 | 2.404 |
| 248021.5 | 842415.4 | 133.6 | 23.394 | 8.695 | 20.4 | 24.958 | 1.6 | 19.861 | 2.682 | 0.546 | 11.5 | 2.737 | 0.4 | 2.050 | -0.478 | -13.1 | 2.105 |
| 248020.9 | 842414.6 | 133.6 | 23.002 | 8.583 | 20.5 | 24.551 | 1.5 | 19.537 | 2.660 | 0.541 | 11.5 | 2.715 | 0.3 | 1.757 | -0.413 | -13.2 | 1.805 |
| 248020.3 | 842413.8 | 133.6 | 22.780 | 8.520 | 20.5 | 24.321 | 1.4 | 19.354 | 2.642 | 0.537 | 11.5 | 2.696 | 0.3 | 1.668 | -0.389 | -13.1 | 1.712 |
| 248019.7 | 842413.0 | 133.6 | 22.606 | 8.472 | 20.5 | 24.141 | 1.4 | 19.211 | 2.626 | 0.533 | 11.5 | 2.679 | 0.3 | 1.634 | -0.378 | -13.0 | 1.677 |
| 248019.1 | 842412.2 | 133.5 | 22.218 | 8.359 | 20.6 | 23.738 | 1.3 | 18.890 | 2.607 | 0.529 | 11.5 | 2.661 | 0.2 | 1.315 | -0.309 | -13.2 | 1.351 |
| 248018.5 | 842411.4 | 133.6 | 22.112 | 8.331 | 20.6 | 23.629 | 1.3 | 18.803 | 2.593 | 0.525 | 11.4 | 2.645 | 0.2 | 1.359 | -0.315 | -13.0 | 1.395 |
| 248018.0 | 842410.6 | 133.7 | 22.024 | 8.308 | 20.7 | 23.539 | 1.3 | 18.732 | 2.578 | 0.521 | 11.4 | 2.631 | 0.1 | 1.425 | -0.325 | -12.9 | 1.462 |
| 248017.4 | 842409.8 | 133.7 | 21.884 | 8.269 | 20.7 | 23.394 | 1.2 | 18.617 | 2.563 | 0.517 | 11.4 | 2.615 | 0.1 | 1.422 | -0.322 | -12.8 | 1.458 |
| 248016.8 | 842409.0 | 133.8 | 21.760 | 8.234 | 20.7 | 23.266 | 1.2 | 18.514 | 2.548 | 0.513 | 11.4 | 2.599 | 0.1 | 1.440 | -0.323 | -12.6 | 1.475 |
| 248016.2 | 842408.2 | 133.8 | 21.675 | 8.212 | 20.8 | 23.178 | 1.2 | 18.445 | 2.532 | 0.509 | 11.4 | 2.583 | 0.1 | 1.513 | -0.334 | -12.5 | 1.549 |
| 248015.6 | 842407.4 | 133.9 | 21.598 | 8.192 | 20.8 | 23.099 | 1.2 | 18.382 | 2.515 | 0.505 | 11.4 | 2.565 | 0.1 | 1.600 | -0.349 | -12.3 | 1.638 |
| 248015.0 | 842406.6 | 134.2 | 21.920 | 8.294 | 20.7 | 23.436 | 1.2 | 18.650 | 2.502 | 0.502 | 11.4 | 2.552 | 0.2 | 2.215 | -0.467 | -11.9 | 2.263 |
| 248014.4 | 842405.8 | 134.5 | 22.250 | 8.398 | 20.7 | 23.782 | 1.2 | 18.925 | 2.489 | 0.499 | 11.3 | 2.539 | 0.3 | 2.831 | -0.584 | -11.7 | 2.891 |
| 248013.8 | 842405.0 | 134.6 | 22.199 | 8.387 | 20.7 | 23.731 | 1.2 | 18.884 | 2.470 | 0.495 | 11.3 | 2.520 | 0.3 | 2.967 | -0.606 | -11.5 | 3.028 |
| 248013.2 | 842404.2 | 134.4 | 21.723 | 8.245 | 20.8 | 23.235 | 1.1 | 18.490 | 2.445 | 0.490 | 11.3 | 2.493 | 0.2 | 2.567 | -0.521 | -11.5 | 2.619 |
| 248012.6 | 842403.4 | 134.5 | 21.535 | 8.191 | 20.8 | 23.040 | 1.1 | 18.334 | 2.423 | 0.485 | 11.3 | 2.471 | 0.1 | 2.536 | -0.508 | -11.3 | 2.587 |
| 248012.0 | 842402.6 | 134.6 | 21.564 | 8.203 | 20.8 | 23.071 | 1.1 | 18.360 | 2.403 | 0.481 | 11.3 | 2.451 | 0.2 | 2.791 | -0.551 | -11.2 | 2.845 |
| 248011.4 | 842401.8 | 134.6 | 21.407 | 8.159 | 20.9 | 22.909 | 1.1 | 18.230 | 2.381 | 0.476 | 11.3 | 2.428 | 0.2 | 2.810 | -0.548 | -11.0 | 2.863 |
| 248010.8 | 842400.9 | 134.6 | 21.177 | 8.091 | 20.9 | 22.670 | 1.1 | 18.040 | 2.358 | 0.471 | 11.3 | 2.404 | 0.1 | 2.739 | -0.526 | -10.9 | 2.789 |
| 248010.3 | 842400.1 | 134.6 | 20.832 | 7.987 | 21.0 | 22.310 | 1.1 | 17.754 | 2.332 | 0.466 | 11.3 | 2.379 | 0.1 | 2.519 | -0.475 | -10.7 | 2.564 |
| 248009.7 | 842399.3 | 134.5 | 20.485 | 7.882 | 21.0 | 21.949 | 1.1 | 17.467 | 2.307 | 0.460 | 11.3 | 2.353 | 0.1 | 2.295 | -0.424 | -10.5 | 2.334 |
| 248009.1 | 842398.5 | 134.5 | 20.327 | 7.836 | 21.1 | 21.786 | 1.1 | 17.336 | 2.285 | 0.456 | 11.3 | 2.330 | 0.1 | 2.323 | -0.422 | -10.3 | 2.361 |
| 248008.5 | 842397.7 | 134.6 | 20.210 | 7.803 | 21.1 | 21.664 | 1.1 | 17.240 | 2.263 | 0.451 | 11.3 | 2.308 | 0.1 | 2.407 | -0.430 | -10.1 | 2.445 |
| 248007.9 | 842396.9 | 134.6 | 20.022 | 7.747 | 21.2 | 21.469 | 1.1 | 17.084 | 2.241 | 0.446 | 11.3 | 2.285 | 0.1 | 2.396 | -0.421 | -10.0 | 2.433 |
| 248007.3 | 842396.1 | 134.6 | 19.766 | 7.669 | 21.2 | 21.202 | 1.1 | 16.872 | 2.218 | 0.441 | 11.2 | 2.261 | 0.1 | 2.294 | -0.394 | -9.7 | 2.327 |
| 248006.7 | 842395.3 | 134.6 | 19.521 | 7.594 | 21.3 | 20.946 | 1.2 | 16.668 | 2.195 | 0.435 | 11.2 | 2.238 | 0.1 | 2.203 | -0.369 | -9.5 | 2.234 |
| 248006.1 | 842394.5 | 134.6 | 19.289 | 7.523 | 21.3 | 20.705 | 1.2 | 16.476 | 2.173 | 0.430 | 11.2 | 2.215 | 0.1 | 2.130 | -0.348 | -9.3 | 2.159 |
| 248005.5 | 842393.7 | 134.5 | 19.066 | 7.455 | 21.4 | 20.472 | 1.3 | 16.291 | 2.151 | 0.425 | 11.2 | 2.193 | 0.1 | 2.067 | -0.329 | -9.0 | 2.093 |
| 248004.9 | 842392.9 | 134.5 | 18.846 | 7.387 | 21.4 | 20.242 | 1.4 | 16.108 | 2.130 | 0.420 | 11.2 | 2.171 | 0.1 | 2.004 | -0.311 | -8.8 | 2.028 |
| 248004.3 | 842392.1 | 134.5 | 18.628 | 7.319 | 21.5 | 20.014 | 1.4 | 15.927 | 2.109 | 0.415 | 11.1 | 2.149 | 0.1 | 1.943 | -0.293 | -8.6 | 1.965 |
| 248003.7 | 842391.3 | 134.5 | 18.401 | 7.249 | 21.5 | 19.778 | 1.5 | 15.738 | 2.088 | 0.410 | 11.1 | 2.128 | 0.1 | 1.866 | -0.273 | -8.3 | 1.885 |
| 248003.1 | 842390.5 | 134.5 | 18.200 | 7.186 | 21.5 | 19.568 | 1.6 | 15.572 | 2.068 | 0.406 | 11.1 | 2.108 | 0.1 | 1.822 | -0.260 | -8.1 | 1.840 |
| 248002.5 | 842389.7 | 134.5 | 17.985 | 7.119 | 21.6 | 19.343 | 1.7 | 15.392 | 2.048 | 0.401 | 11.1 | 2.087 | 0.1 | 1.754 | -0.242 | -7.9 | 1.771 |
| 248002.0 | 842388.9 | 134.5 | 17.790 | 7.057 | 21.6 | 19.139 | 1.7 | 15.230 | 2.029 | 0.396 | 11.0 | 2.067 | 0.1 | 1.712 | -0.230 | -7.6 | 1.727 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248001.4 | 842388.1 | 134.4 | 17.461 | 6.951 | 21.7 | 18.794 | 1.9 | 14.956 | 2.009 | 0.391 | 11.0 | 2.046 | 0.1 | 1.469 | -0.179 | -7.0 | 1.480 |
| 248000.8 | 842387.3 | 134.4 | 17.354 | 6.919 | 21.7 | 18.682 | 1.9 | 14.867 | 1.991 | 0.387 | 11.0 | 2.029 | 0.1 | 1.550 | -0.191 | -7.0 | 1.562 |
| 248000.2 | 842386.4 | 134.4 | 17.202 | 6.871 | 21.8 | 18.523 | 2.0 | 14.740 | 1.974 | 0.382 | 11.0 | 2.010 | 0.1 | 1.561 | -0.190 | -7.0 | 1.573 |
| 247999.6 | 842385.6 | 134.5 | 17.095 | 6.838 | 21.8 | 18.411 | 2.0 | 14.651 | 1.957 | 0.378 | 10.9 | 1.993 | 0.1 | 1.637 | -0.202 | -7.0 | 1.649 |
| 247999.0 | 842384.8 | 134.4 | 16.843 | 6.757 | 21.9 | 18.148 | 2.2 | 14.441 | 1.938 | 0.373 | 10.9 | 1.974 | 0.1 | 1.493 | -0.172 | -6.6 | 1.503 |
| 247998.4 | 842384.0 | 134.5 | 16.727 | 6.720 | 21.9 | 18.026 | 2.2 | 14.345 | 1.922 | 0.369 | 10.9 | 1.957 | 0.1 | 1.550 | -0.181 | -6.6 | 1.561 |
| 247997.8 | 842383.2 | 134.5 | 16.546 | 6.662 | 21.9 | 17.836 | 2.3 | 14.194 | 1.905 | 0.365 | 10.8 | 1.940 | 0.1 | 1.506 | -0.170 | -6.4 | 1.516 |
| 247997.2 | 842382.4 | 134.5 | 16.356 | 6.600 | 22.0 | 17.638 | 2.4 | 14.036 | 1.888 | 0.360 | 10.8 | 1.922 | 0.1 | 1.446 | -0.157 | -6.2 | 1.454 |
| 247996.6 | 842381.6 | 134.5 | 16.187 | 6.546 | 22.0 | 17.460 | 2.5 | 13.895 | 1.871 | 0.356 | 10.8 | 1.905 | 0.1 | 1.414 | -0.149 | -6.0 | 1.422 |
| 247996.0 | 842380.8 | 134.5 | 16.011 | 6.488 | 22.1 | 17.276 | 2.6 | 13.748 | 1.855 | 0.352 | 10.7 | 1.888 | 0.1 | 1.368 | -0.139 | -5.8 | 1.375 |
| 247995.4 | 842380.0 | 134.5 | 15.870 | 6.443 | 22.1 | 17.128 | 2.7 | 13.630 | 1.839 | 0.348 | 10.7 | 1.872 | 0.1 | 1.374 | -0.139 | -5.8 | 1.381 |
| 247994.8 | 842379.2 | 134.6 | 15.856 | 6.440 | 22.1 | 17.114 | 2.7 | 13.619 | 1.825 | 0.344 | 10.7 | 1.857 | 0.2 | 1.575 | -0.176 | -6.4 | 1.585 |
| 247994.3 | 842378.4 | 134.6 | 15.633 | 6.366 | 22.2 | 16.880 | 2.8 | 13.432 | 1.808 | 0.340 | 10.6 | 1.840 | 0.2 | 1.449 | -0.152 | -6.0 | 1.457 |
| 247993.7 | 842377.6 | 134.7 | 15.645 | 6.373 | 22.2 | 16.893 | 2.8 | 13.443 | 1.795 | 0.336 | 10.6 | 1.826 | 0.2 | 1.688 | -0.196 | -6.6 | 1.699 |
| 247993.1 | 842376.8 | 134.7 | 15.454 | 6.309 | 22.2 | 16.692 | 2.9 | 13.283 | 1.779 | 0.332 | 10.6 | 1.810 | 0.2 | 1.606 | -0.180 | -6.4 | 1.616 |
| 247992.5 | 842376.0 | 134.5 | 15.100 | 6.189 | 22.3 | 16.319 | 3.1 | 12.986 | 1.762 | 0.328 | 10.5 | 1.792 | 0.2 | 1.260 | -0.115 | -5.2 | 1.265 |
| 247991.9 | 842375.2 | 134.4 | 14.770 | 6.076 | 22.4 | 15.971 | 3.3 | 12.709 | 1.746 | 0.323 | 10.5 | 1.775 | 0.2 | 0.939 | -0.056 | -3.4 | 0.941 |
| 247991.3 | 842374.4 | 134.4 | 14.711 | 6.058 | 22.4 | 15.910 | 3.3 | 12.660 | 1.732 | 0.320 | 10.5 | 1.761 | 0.2 | 1.061 | -0.079 | -4.3 | 1.064 |
| 247990.7 | 842373.6 | 134.5 | 14.642 | 6.036 | 22.4 | 15.837 | 3.4 | 12.603 | 1.718 | 0.316 | 10.4 | 1.747 | 0.2 | 1.165 | -0.098 | -4.8 | 1.169 |
| 247990.1 | 842372.8 | 134.5 | 14.482 | 5.982 | 22.4 | 15.669 | 3.5 | 12.469 | 1.703 | 0.312 | 10.4 | 1.732 | 0.2 | 1.116 | -0.090 | -4.6 | 1.119 |
| 247989.5 | 842371.9 | 134.7 | 14.504 | 5.992 | 22.4 | 15.693 | 3.5 | 12.488 | 1.691 | 0.309 | 10.4 | 1.719 | 0.3 | 1.367 | -0.136 | -5.7 | 1.374 |
| 247988.9 | 842371.1 | 134.6 | 14.286 | 5.917 | 22.5 | 15.463 | 3.6 | 12.305 | 1.676 | 0.305 | 10.3 | 1.704 | 0.2 | 1.218 | -0.110 | -5.1 | 1.223 |
| 247988.3 | 842370.3 | 134.6 | 14.163 | 5.876 | 22.5 | 15.334 | 3.7 | 12.202 | 1.662 | 0.301 | 10.3 | 1.689 | 0.3 | 1.225 | -0.112 | -5.2 | 1.230 |
| 247987.7 | 842369.5 | 134.7 | 14.074 | 5.846 | 22.6 | 15.240 | 3.8 | 12.127 | 1.649 | 0.298 | 10.2 | 1.676 | 0.3 | 1.287 | -0.123 | -5.5 | 1.293 |
| 247987.1 | 842368.7 | 134.7 | 13.910 | 5.790 | 22.6 | 15.067 | 3.9 | 11.990 | 1.635 | 0.294 | 10.2 | 1.661 | 0.3 | 1.222 | -0.112 | -5.2 | 1.227 |
| 247986.6 | 842367.9 | 134.6 | 13.721 | 5.725 | 22.6 | 14.868 | 4.0 | 11.831 | 1.621 | 0.291 | 10.2 | 1.646 | 0.3 | 1.112 | -0.093 | -4.8 | 1.116 |
| 247986.0 | 842367.1 | 134.6 | 13.546 | 5.664 | 22.7 | 14.682 | 4.1 | 11.684 | 1.606 | 0.287 | 10.1 | 1.632 | 0.3 | 1.021 | -0.077 | -4.3 | 1.024 |
| 247985.4 | 842366.3 | 134.5 | 13.364 | 5.600 | 22.7 | 14.490 | 4.2 | 11.530 | 1.592 | 0.283 | 10.1 | 1.617 | 0.2 | 0.917 | -0.059 | -3.7 | 0.918 |
| 247984.8 | 842365.5 | 134.5 | 13.185 | 5.537 | 22.8 | 14.300 | 4.4 | 11.380 | 1.578 | 0.280 | 10.1 | 1.603 | 0.2 | 0.815 | -0.041 | -2.9 | 0.816 |
| 247984.2 | 842364.7 | 134.6 | 13.105 | 5.510 | 22.8 | 14.216 | 4.4 | 11.313 | 1.565 | 0.277 | 10.0 | 1.589 | 0.2 | 0.887 | -0.054 | -3.5 | 0.889 |
| 247983.6 | 842363.9 | 134.6 | 13.029 | 5.484 | 22.8 | 14.136 | 4.5 | 11.249 | 1.551 | 0.273 | 10.0 | 1.575 | 0.3 | 0.966 | -0.068 | -4.1 | 0.969 |
| 247983.0 | 842363.1 | 134.6 | 12.860 | 5.424 | 22.9 | 13.957 | 4.6 | 11.107 | 1.537 | 0.270 | 10.0 | 1.561 | 0.2 | 0.878 | -0.053 | -3.5 | 0.880 |
| 247982.4 | 842362.3 | 134.5 | 12.699 | 5.367 | 22.9 | 13.787 | 4.7 | 10.971 | 1.523 | 0.267 | 9.9 | 1.546 | 0.2 | 0.802 | -0.040 | -2.8 | 0.803 |
| 247981.8 | 842361.5 | 134.5 | 12.569 | 5.321 | 22.9 | 13.649 | 4.8 | 10.861 | 1.509 | 0.263 | 9.9 | 1.532 | 0.2 | 0.780 | -0.036 | -2.6 | 0.781 |
| 247981.2 | 842360.7 | 134.6 | 12.481 | 5.291 | 23.0 | 13.556 | 4.9 | 10.788 | 1.495 | 0.260 | 9.9 | 1.518 | 0.2 | 0.836 | -0.046 | -3.1 | 0.837 |
| 247980.6 | 842359.9 | 134.6 | 12.366 | 5.250 | 23.0 | 13.434 | 5.0 | 10.690 | 1.482 | 0.257 | 9.8 | 1.504 | 0.2 | 0.839 | -0.046 | -3.1 | 0.840 |
| 247980.0 | 842359.1 | 134.6 | 12.268 | 5.215 | 23.0 | 13.330 | 5.1 | 10.608 | 1.468 | 0.254 | 9.8 | 1.490 | 0.2 | 0.874 | -0.052 | -3.4 | 0.875 |
| 247979.4 | 842358.3 | 134.6 | 12.121 | 5.163 | 23.1 | 13.175 | 5.2 | 10.484 | 1.454 | 0.251 | 9.8 | 1.475 | 0.2 | 0.817 | -0.042 | -3.0 | 0.818 |
| 247978.9 | 842357.4 | 134.6 | 11.974 | 5.109 | 23.1 | 13.018 | 5.4 | 10.359 | 1.440 | 0.248 | 9.8 | 1.461 | 0.2 | 0.755 | -0.032 | -2.4 | 0.756 |
| 247978.3 | 842356.6 | 134.5 | 11.770 | 5.034 | 23.2 | 12.801 | 5.5 | 10.187 | 1.425 | 0.244 | 9.7 | 1.446 | 0.2 | 0.584 | -0.003 | -0.3 | 0.584 |
| 247977.7 | 842355.8 | 134.6 | 11.763 | 5.034 | 23.2 | 12.795 | 5.6 | 10.182 | 1.412 | 0.241 | 9.7 | 1.432 | 0.2 | 0.788 | -0.038 | -2.8 | 0.789 |
| 247977.1 | 842355.0 | 134.6 | 11.681 | 5.004 | 23.2 | 12.708 | 5.6 | 10.113 | 1.398 | 0.238 | 9.7 | 1.419 | 0.3 | 0.847 | -0.049 | -3.3 | 0.848 |
| 247976.5 | 842354.2 | 134.6 | 11.551 | 4.957 | 23.2 | 12.569 | 5.8 | 10.002 | 1.385 | 0.235 | 9.6 | 1.404 | 0.3 | 0.810 | -0.043 | -3.1 | 0.811 |
| 247975.9 | 842353.4 | 134.7 | 11.488 | 4.935 | 23.2 | 12.503 | 5.9 | 9.949 | 1.371 | 0.232 | 9.6 | 1.391 | 0.3 | 0.903 | -0.060 | -3.8 | 0.905 |
| 247975.3 | 842352.6 | 134.8 | 11.425 | 4.912 | 23.3 | 12.437 | 5.9 | 9.897 | 1.358 | 0.229 | 9.6 | 1.377 | 0.4 | 0.994 | -0.077 | -4.4 | 0.997 |
| 247974.7 | 842351.8 | 134.8 | 11.363 | 4.890 | 23.3 | 12.370 | 6.0 | 9.844 | 1.345 | 0.226 | 9.5 | 1.364 | 0.4 | 1.084 | -0.093 | -4.9 | 1.088 |
| 247974.1 | 842351.0 | 134.9 | 11.299 | 4.868 | 23.3 | 12.303 | 6.1 | 9.790 | 1.332 | 0.223 | 9.5 | 1.351 | 0.5 | 1.169 | -0.109 | -5.3 | 1.174 |
| 247973.5 | 842350.2 | 134.8 | 11.108 | 4.797 | 23.4 | 12.100 | 6.3 | 9.629 | 1.318 | 0.219 | 9.4 | 1.336 | 0.4 | 1.005 | -0.084 | -4.8 | 1.009 |
| 247972.9 | 842349.4 | 134.7 | 10.922 | 4.727 | 23.4 | 11.901 | 6.5 | 9.470 | 1.304 | 0.216 | 9.4 | 1.322 | 0.4 | 0.844 | -0.060 | -4.1 | 0.846 |
| 247972.3 | 842348.6 | 134.7 | 10.831 | 4.694 | 23.4 | 11.805 | 6.6 | 9.394 | 1.292 | 0.213 | 9.4 | 1.309 | 0.4 | 0.869 | -0.067 | -4.4 | 0.872 |
| 247971.7 | 842347.8 | 134.7 | 10.729 | 4.656 | 23.5 | 11.695 | 6.7 | 9.307 | 1.279 | 0.209 | 9.3 | 1.296 | 0.5 | 0.867 | -0.070 | -4.6 | 0.870 |
| 247971.1 | 842347.0 | 134.7 | 10.627 | 4.618 | 23.5 | 11.588 | 6.8 | 9.221 | 1.266 | 0.206 | 9.3 | 1.283 | 0.5 | 0.865 | -0.073 | -4.8 | 0.868 |
| 247970.6 | 842346.2 | 134.6 | 10.486 | 4.565 | 23.5 | 11.437 | 7.0 | 9.101 | 1.253 | 0.203 | 9.2 | 1.269 | 0.5 | 0.778 | -0.063 | -4.6 | 0.780 |
| 247970.0 | 842345.4 | 134.6 | 10.362 | 4.518 | 23.6 | 11.304 | 7.1 | 8.995 | 1.241 | 0.200 | 9.1 | 1.256 | 0.5 | 0.720 | -0.058 | -4.6 | 0.722 |
| 247969.4 | 842344.6 | 134.8 | 10.384 | 4.529 | 23.6 | 11.329 | 7.2 | 9.015 | 1.229 | 0.197 | 9.1 | 1.245 | 0.6 | 0.961 | -0.101 | -6.0 | 0.966 |
| 247968.8 | 842343.8 | 135.0 | 10.377 | 4.529 | 23.6 | 11.322 | 7.2 | 9.010 | 1.218 | 0.194 | 9.0 | 1.233 | 0.7 | 1.139 | -0.133 | -6.7 | 1.147 |
| 247968.2 | 842342.9 | 135.0 | 10.316 | 4.507 | 23.6 | 11.257 | 7.4 | 8.958 | 1.206 | 0.190 | 9.0 | 1.221 | 0.7 | 1.202 | -0.148 | -7.0 | 1.211 |
| 247967.6 | 842342.1 | 135.0 | 10.204 | 4.465 | 23.6 | 11.138 | 7.5 | 8.863 | 1.194 | 0.187 | 8.9 | 1.209 | 0.7 | 1.158 | -0.146 | -7.2 | 1.167 |
| 247967.0 | 842341.3 | 134.8 | 10.022 | 4.396 | 23.7 | 10.944 | 7.7 | 8.709 | 1.182 | 0.184 | 8.8 | 1.196 | 0.7 | 0.965 | -0.120 | -7.1 | 0.972 |
| 247966.4 | 842340.5 | 134.8 | 9.932 | 4.363 | 23.7 | 10.848 | 7.8 | 8.633 | 1.170 | 0.180 | 8.8 | 1.184 | 0.7 | 0.956 | -0.124 | -7.4 | 0.964 |
| 247965.8 | 842339.7 | 134.9 | 9.878 | 4.344 | 23.7 | 10.791 | 7.9 | 8.587 | 1.159 | 0.177 | 8.7 | 1.173 | 0.7 | 1.018 | -0.139 | -7.8 | 1.027 |
| 247965.2 | 842338.9 | 135.0 | 9.827 | 4.327 | 23.8 | 10.738 | 8.0 | 8.545 | 1.148 | 0.174 | 8.6 | 1.161 | 0.8 | 1.084 | -0.154 | -8.1 | 1.095 |
| 247964.6 | 842338.1 | 135.0 | 9.774 | 4.309 | 23.8 | 10.682 | 8.1 | 8.500 | 1.137 | 0.171 | 8.5 | 1.150 | 0.8 | 1.140 | -0.168 | -8.4 | 1.153 |
| 247964.0 | 842337.3 | 135.0 | 9.686 | 4.277 | 23.8 | 10.588 | 8.2 | 8.426 | 1.126 | 0.168 | 8.5 | 1.139 | 0.8 | 1.118 | -0.170 | -8.6 | 1.130 |
| 247963.4 | 842336.5 | 135.0 | 9.609 | 4.249 | 23.9 | 10.507 | 8.3 | 8.361 | 1.116 | 0.164 | 8.4 | 1.128 | 0.8 | 1.113 | -0.174 | -8.9 | 1.127 |
| 247962.9 | 842335.7 | 135.0 | 9.519 | 4.216 | 23.9 | 10.411 | 8.4 | 8.285 | 1.105 | 0.161 | 8.3 | 1.116 | 0.8 | 1.076 | -0.174 | -9.2 | 1.090 |
| 247962.3 | 842334.9 | 135.0 | 9.431 | 4.184 | 23.9 | 10.318 | 8.4 | 8.211 | 1.094 | 0.158 | 8.2 | 1.105 | 0.8 | 1.037 | -0.174 | -9.5 | 1.051 |
| 247961.7 | 842334.1 | 135.1 | 9.384 | 4.169 | 24.0 | 10.269 | 8.5 | 8.172 | 1.083 | 0.155 | 8.1 | 1.094 | 0.9 | 1.081 | -0.185 | -9.7 | 1.096 |
| 247961.1 | 842333.3 | 135.1 | 9.338 | 4.154 | 24.0 | 10.220 | 8.5 | 8.133 | 1.073 | 0.151 | 8.0 | 1.084 | 0.9 | 1.119 | -0.195 | -9.9 | 1.136 |
| 247960.5 | 842332.5 | 135.2 | 9.306 | 4.145 | 24.0 | 10.188 | 8.5 | 8.107 | 1.063 | 0.148 | 7.9 | 1.074 | 1.0 | 1.185 | -0.209 | -10.0 | 1.203 |
| 247959.9 | 842331.7 | 135.2 | 9.259 | 4.130 | 24.0 | 10.139 | 8.5 | 8.068 | 1.053 | 0.145 | 7.9 | 1.063 | 1.0 | 1.210 | -0.218 | -10.2 | 1.230 |
| 247959.3 | 842330.9 | 135.1 | 9.151 | 4.090 | 24.1 | 10.024 | 8.6 | 7.977 | 1.042 | 0.142 | 7.7 | 1.051 | 1.0 | 1.100 | -0.207 | -10.7 | 1.119 |

Max BF along centerline is 45.849 (uT) at 189.000 (m) from structure [redacted]-8

Cross section results at max BF along centerline between structures [redacted]-8 and [redacted]-9T




3D EMF Point Results Span from [redacted]/[redacted]-8 to [redacted]-9T:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) | |
| 248190.8 | 842619.9 | 134.7 | 19.111 | 8.612 | 24.3 | 20.962 | 21.0 | 16.681 | 1.182 | 0.705 | 30.8 | 1.376 | 4.9 | 0.921 | -0.529 | -29.8 | 1.062 | |
| 248190.0 | 842620.5 | 134.7 | 20.710 | 9.068 | 23.6 | 22.608 | 20.5 | 17.991 | 1.455 | 0.773 | 28.0 | 1.648 | 4.5 | 1.176 | -0.593 | -26.8 | 1.317 | |
| 248189.2 | 842621.1 | 134.7 | 22.444 | 9.533 | 23.0 | 24.385 | 19.9 | 19.405 | 1.773 | 0.840 | 25.4 | 1.962 | 4.1 | 1.466 | -0.655 | -24.1 | 1.606 | |
| 248188.3 | 842621.7 | 134.7 | 24.314 | 10.004 | 22.4 | 26.291 | 19.1 | 20.922 | 2.137 | 0.904 | 22.9 | 2.320 | 3.8 | 1.794 | -0.712 | -21.7 | 1.931 | |
| 248187.5 | 842622.3 | 134.7 | 26.298 | 10.472 | 21.7 | 28.306 | 18.2 | 22.525 | 2.549 | 0.962 | 20.7 | 2.725 | 3.4 | 2.146 | -0.759 | -19.5 | 2.276 | |
| 248186.7 | 842622.9 | 134.6 | 28.386 | 10.934 | 21.1 | 30.419 | 17.2 | 24.207 | 3.007 | 1.013 | 18.6 | 3.173 | 3.1 | 2.522 | -0.795 | -17.5 | 2.644 | |
| 248185.9 | 842623.5 | 134.6 | 30.609 | 11.403 | 20.4 | 32.664 | 16.0 | 25.993 | 3.503 | 1.055 | 16.8 | 3.659 | 2.8 | 2.978 | -0.840 | -15.8 | 3.094 | |
| 248185.1 | 842624.1 | 134.7 | 32.956 | 11.878 | 19.8 | 35.031 | 14.8 | 27.877 | 4.026 | 1.087 | 15.1 | 4.170 | 2.6 | 3.540 | -0.899 | -14.2 | 3.653 | |
| 248184.3 | 842624.7 | 134.7 | 35.304 | 12.335 | 19.3 | 37.397 | 13.4 | 29.759 | 4.553 | 1.107 | 13.7 | 4.686 | 2.3 | 4.127 | -0.948 | -12.9 | 4.235 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248183.5 | 842625.3 | 134.7 | 37.565 | 12.767 | 18.8 | 39.675 | 12.0 | 31.573 | 5.054 | 1.115 | 12.4 | 5.175 | 2.1 | 4.711 | -0.986 | -11.8 | 4.813 |
| 248182.7 | 842625.8 | 134.7 | 39.633 | 13.166 | 18.4 | 41.763 | 10.4 | 33.234 | 5.492 | 1.113 | 11.5 | 5.603 | 1.8 | 5.253 | -1.014 | -10.9 | 5.350 |
| 248181.9 | 842626.4 | 134.7 | 41.390 | 13.528 | 18.1 | 43.545 | 8.9 | 34.652 | 5.828 | 1.103 | 10.7 | 5.931 | 1.5 | 5.711 | -1.033 | -10.3 | 5.804 |
| 248181.1 | 842627.0 | 134.7 | 42.724 | 13.848 | 18.0 | 44.912 | 7.2 | 35.740 | 6.028 | 1.087 | 10.2 | 6.125 | 1.3 | 6.044 | -1.044 | -9.8 | 6.134 |
| 248180.3 | 842627.6 | 134.8 | 43.551 | 14.121 | 18.0 | 45.783 | 5.6 | 36.433 | 6.070 | 1.067 | 10.0 | 6.163 | 1.2 | 6.221 | -1.048 | -9.6 | 6.309 |
| 248179.5 | 842628.2 | 134.8 | 43.834 | 14.346 | 18.1 | 46.121 | 4.1 | 36.702 | 5.949 | 1.043 | 9.9 | 6.040 | 1.2 | 6.228 | -1.047 | -9.5 | 6.315 |
| 248178.7 | 842628.8 | 134.8 | 43.586 | 14.523 | 18.4 | 45.942 | 2.6 | 36.560 | 5.681 | 1.015 | 10.1 | 5.771 | 1.3 | 6.070 | -1.040 | -9.7 | 6.159 |
| 248177.9 | 842629.4 | 134.8 | 42.832 | 14.645 | 18.9 | 45.267 | 1.3 | 36.022 | 5.295 | 0.982 | 10.5 | 5.385 | 1.4 | 5.732 | -1.017 | -10.1 | 5.822 |
| 248177.1 | 842630.0 | 134.8 | 41.672 | 14.714 | 19.4 | 44.193 | 0.9 | 35.168 | 4.828 | 0.943 | 11.0 | 4.919 | 1.6 | 5.254 | -0.978 | -10.5 | 5.344 |
| 248176.3 | 842630.6 | 134.8 | 40.268 | 14.747 | 20.1 | 42.883 | 1.7 | 34.125 | 4.321 | 0.896 | 11.7 | 4.413 | 1.7 | 4.724 | -0.930 | -11.1 | 4.814 |
| 248175.5 | 842631.2 | 134.8 | 38.763 | 14.761 | 20.8 | 41.478 | 2.7 | 33.007 | 3.807 | 0.842 | 12.5 | 3.899 | 1.8 | 4.215 | -0.881 | -11.8 | 4.306 |
| 248174.7 | 842631.8 | 134.9 | 37.225 | 14.762 | 21.6 | 40.045 | 3.6 | 31.867 | 3.308 | 0.780 | 13.3 | 3.399 | 1.8 | 3.735 | -0.829 | -12.5 | 3.826 |
| 248173.8 | 842632.4 | 134.9 | 35.672 | 14.741 | 22.5 | 38.598 | 4.4 | 30.715 | 2.840 | 0.712 | 14.1 | 2.928 | 1.8 | 3.255 | -0.764 | -13.2 | 3.343 |
| 248173.0 | 842633.0 | 134.9 | 34.171 | 14.710 | 23.3 | 37.203 | 5.0 | 29.605 | 2.413 | 0.639 | 14.8 | 2.496 | 1.7 | 2.800 | -0.689 | -13.8 | 2.883 |
| 248172.2 | 842633.5 | 134.9 | 32.764 | 14.680 | 24.1 | 35.903 | 5.5 | 28.570 | 2.028 | 0.561 | 15.5 | 2.105 | 1.4 | 2.384 | -0.607 | -14.3 | 2.460 |
| 248171.4 | 842634.1 | 134.9 | 31.476 | 14.660 | 25.0 | 34.723 | 5.8 | 27.631 | 1.687 | 0.481 | 15.9 | 1.755 | 1.0 | 2.009 | -0.519 | -14.5 | 2.075 |
| 248170.6 | 842634.7 | 134.9 | 30.320 | 14.656 | 25.8 | 33.677 | 6.0 | 26.799 | 1.386 | 0.399 | 16.1 | 1.442 | 0.7 | 1.672 | -0.428 | -14.3 | 1.726 |
| 248169.8 | 842635.3 | 135.0 | 29.307 | 14.678 | 26.6 | 32.777 | 6.1 | 26.083 | 1.121 | 0.316 | 15.8 | 1.165 | 1.6 | 1.374 | -0.333 | -13.6 | 1.413 |
| 248169.0 | 842635.9 | 135.0 | 28.439 | 14.732 | 27.4 | 32.029 | 6.1 | 25.488 | 0.887 | 0.235 | 14.8 | 0.918 | 3.7 | 1.108 | -0.236 | -12.0 | 1.133 |
| 248168.2 | 842636.5 | 135.0 | 27.719 | 14.828 | 28.1 | 31.436 | 6.1 | 25.016 | 0.680 | 0.159 | 13.2 | 0.698 | 7.9 | 0.871 | -0.136 | -8.9 | 0.882 |
| 248167.4 | 842637.1 | 135.0 | 27.144 | 14.972 | 28.9 | 30.999 | 5.9 | 24.668 | 0.496 | 0.109 | 12.5 | 0.507 | 16.7 | 0.658 | -0.032 | -2.8 | 0.659 |
| 248166.6 | 842637.7 | 135.0 | 26.713 | 15.171 | 29.6 | 30.720 | 5.7 | 24.446 | 0.334 | 0.130 | 21.3 | 0.359 | 38.9 | 0.462 | 0.075 | 9.2 | 0.468 |

Centerline results between structures [redacted]-9T and [redacted]/[redacted]-10

**3D EMF Point Results Centerline from [redacted]-9T to [redacted]/[redacted]-10:**

| -------Measurement------- | | | -------------------------B-------------------------- | | | | | H | -------------------------EF-------------------------- | | | | | -----------Space Potential----------- | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Y | Z | Real | Imaginary | Angle | Magnitude | Polarization | Magnitude | Real | Imaginary | Angle | Magnitude | Polarization | Real | Imaginary | Angle | Magnitude | |
| (m) | (m) | (m) | (uT) | (uT) | (deg) | (uT) | Axial Ratio % | (A/m) | (kV/m) | (kV/m) | (deg) | (kV/m) | Axial Ratio % | (kV) | (kV) | (deg) | (kV) | |
| 247958.5 | 842329.8 | 135.0 | 9.011 | 4.038 | 24.1 | 9.875 | 8.6 | 7.858 | 1.027 | 0.137 | 7.6 | 1.036 | 0.9 | 0.953 | -0.194 | -11.5 | 0.972 | |
| 247957.7 | 842329.2 | 135.1 | 9.085 | 4.064 | 24.1 | 9.953 | 8.6 | 7.920 | 1.040 | 0.141 | 7.7 | 1.050 | 0.9 | 0.995 | -0.206 | -11.7 | 1.016 | |
| 247956.9 | 842328.6 | 135.2 | 9.188 | 4.102 | 24.1 | 10.062 | 8.6 | 8.007 | 1.054 | 0.144 | 7.8 | 1.064 | 1.0 | 1.095 | -0.227 | -11.7 | 1.118 | |
| 247956.1 | 842328.0 | 135.3 | 9.295 | 4.141 | 24.0 | 10.176 | 8.5 | 8.098 | 1.068 | 0.148 | 7.9 | 1.079 | 1.0 | 1.195 | -0.247 | -11.7 | 1.220 | |
| 247955.2 | 842327.5 | 135.3 | 9.361 | 4.164 | 24.0 | 10.245 | 8.5 | 8.153 | 1.082 | 0.152 | 8.0 | 1.093 | 1.0 | 1.201 | -0.255 | -12.0 | 1.228 | |
| 247954.4 | 842326.9 | 135.1 | 9.347 | 4.154 | 24.0 | 10.229 | 8.5 | 8.140 | 1.094 | 0.155 | 8.0 | 1.105 | 0.8 | 1.033 | -0.238 | -13.0 | 1.060 | |
| 247953.6 | 842326.3 | 135.0 | 9.359 | 4.154 | 23.9 | 10.240 | 8.4 | 8.149 | 1.107 | 0.158 | 8.1 | 1.118 | 0.7 | 0.912 | -0.227 | -14.0 | 0.939 | |
| 247952.8 | 842325.7 | 135.1 | 9.472 | 4.196 | 23.9 | 10.360 | 8.3 | 8.244 | 1.121 | 0.161 | 8.2 | 1.133 | 0.8 | 1.000 | -0.246 | -13.8 | 1.029 | |
| 247952.0 | 842325.1 | 135.2 | 9.582 | 4.237 | 23.9 | 10.477 | 8.2 | 8.337 | 1.136 | 0.165 | 8.3 | 1.148 | 0.8 | 1.075 | -0.262 | -13.7 | 1.107 | |
| 247951.2 | 842324.6 | 135.2 | 9.663 | 4.266 | 23.8 | 10.563 | 8.1 | 8.406 | 1.150 | 0.169 | 8.3 | 1.162 | 0.8 | 1.084 | -0.269 | -14.0 | 1.117 | |
| 247950.3 | 842324.0 | 135.3 | 9.747 | 4.297 | 23.8 | 10.652 | 8.0 | 8.477 | 1.164 | 0.172 | 8.4 | 1.177 | 0.8 | 1.091 | -0.276 | -14.2 | 1.125 | |
| 247949.5 | 842323.4 | 135.3 | 9.848 | 4.333 | 23.8 | 10.759 | 7.9 | 8.562 | 1.178 | 0.176 | 8.5 | 1.191 | 0.8 | 1.125 | -0.286 | -14.3 | 1.161 | |
| 247948.7 | 842322.8 | 135.3 | 9.934 | 4.365 | 23.7 | 10.850 | 7.8 | 8.634 | 1.193 | 0.179 | 8.5 | 1.206 | 0.7 | 1.123 | -0.291 | -14.5 | 1.160 | |
| 247947.9 | 842322.3 | 135.4 | 10.034 | 4.402 | 23.7 | 10.957 | 7.6 | 8.720 | 1.208 | 0.183 | 8.6 | 1.222 | 0.7 | 1.144 | -0.300 | -14.7 | 1.183 | |
| 247947.1 | 842321.7 | 135.4 | 10.100 | 4.425 | 23.7 | 11.026 | 7.5 | 8.775 | 1.222 | 0.186 | 8.7 | 1.236 | 0.7 | 1.087 | -0.296 | -15.2 | 1.126 | |
| 247946.3 | 842321.1 | 135.4 | 10.221 | 4.470 | 23.6 | 11.155 | 7.3 | 8.877 | 1.238 | 0.190 | 8.7 | 1.252 | 0.7 | 1.135 | -0.308 | -15.2 | 1.176 | |
| 247945.4 | 842320.5 | 135.5 | 10.367 | 4.525 | 23.6 | 11.311 | 7.2 | 9.001 | 1.254 | 0.194 | 8.8 | 1.269 | 0.7 | 1.228 | -0.326 | -14.9 | 1.270 | |
| 247944.6 | 842319.9 | 135.6 | 10.518 | 4.581 | 23.5 | 11.472 | 7.0 | 9.130 | 1.270 | 0.198 | 8.9 | 1.286 | 0.7 | 1.321 | -0.344 | -14.6 | 1.365 | |
| 247943.8 | 842319.4 | 135.7 | 10.620 | 4.618 | 23.5 | 11.581 | 6.9 | 9.216 | 1.286 | 0.202 | 8.9 | 1.302 | 0.7 | 1.309 | -0.346 | -14.8 | 1.354 | |
| 247943.0 | 842318.8 | 135.7 | 10.695 | 4.645 | 23.5 | 11.660 | 6.7 | 9.279 | 1.302 | 0.205 | 9.0 | 1.318 | 0.6 | 1.238 | -0.339 | -15.3 | 1.283 | |
| 247942.2 | 842318.2 | 135.7 | 10.844 | 4.701 | 23.4 | 11.819 | 6.6 | 9.405 | 1.320 | 0.209 | 9.0 | 1.336 | 0.6 | 1.303 | -0.352 | -15.1 | 1.350 | |
| 247941.4 | 842317.6 | 135.8 | 10.953 | 4.741 | 23.4 | 11.935 | 6.4 | 9.498 | 1.337 | 0.213 | 9.1 | 1.354 | 0.6 | 1.284 | -0.352 | -15.3 | 1.331 | |
| 247940.6 | 842317.0 | 135.9 | 11.120 | 4.803 | 23.4 | 12.112 | 6.3 | 9.639 | 1.355 | 0.218 | 9.1 | 1.372 | 0.6 | 1.366 | -0.368 | -15.1 | 1.415 | |
| 247939.7 | 842316.5 | 136.0 | 11.290 | 4.866 | 23.3 | 12.294 | 6.1 | 9.783 | 1.374 | 0.222 | 9.2 | 1.391 | 0.6 | 1.447 | -0.384 | -14.9 | 1.497 | |
| 247938.9 | 842315.9 | 136.1 | 11.467 | 4.931 | 23.3 | 12.482 | 5.9 | 9.933 | 1.393 | 0.227 | 9.2 | 1.411 | 0.7 | 1.530 | -0.399 | -14.6 | 1.581 | |
| 247938.1 | 842315.3 | 136.3 | 11.680 | 5.010 | 23.2 | 12.709 | 5.8 | 10.113 | 1.413 | 0.231 | 9.3 | 1.432 | 0.7 | 1.669 | -0.424 | -14.3 | 1.722 | |
| 247937.3 | 842314.7 | 136.4 | 11.887 | 5.085 | 23.2 | 12.929 | 5.6 | 10.288 | 1.434 | 0.236 | 9.4 | 1.453 | 0.8 | 1.787 | -0.446 | -14.0 | 1.842 | |
| 247936.5 | 842314.2 | 136.6 | 12.105 | 5.165 | 23.1 | 13.161 | 5.4 | 10.473 | 1.456 | 0.241 | 9.4 | 1.476 | 0.8 | 1.914 | -0.469 | -13.8 | 1.970 | |
| 247935.7 | 842313.6 | 136.7 | 12.317 | 5.242 | 23.1 | 13.386 | 5.2 | 10.652 | 1.478 | 0.246 | 9.5 | 1.498 | 0.8 | 2.018 | -0.488 | -13.6 | 2.076 | |
| 247934.8 | 842313.0 | 136.8 | 12.534 | 5.320 | 23.0 | 13.616 | 5.1 | 10.835 | 1.500 | 0.252 | 9.5 | 1.521 | 0.9 | 2.122 | -0.507 | -13.4 | 2.182 | |
| 247934.0 | 842312.4 | 137.0 | 12.756 | 5.400 | 22.9 | 13.852 | 4.9 | 11.023 | 1.523 | 0.257 | 9.6 | 1.545 | 0.9 | 2.225 | -0.526 | -13.3 | 2.286 | |
| 247933.2 | 842311.8 | 137.0 | 12.912 | 5.455 | 22.9 | 14.017 | 4.8 | 11.154 | 1.545 | 0.262 | 9.6 | 1.567 | 0.9 | 2.204 | -0.525 | -13.4 | 2.265 | |
| 247932.4 | 842311.3 | 137.1 | 13.073 | 5.512 | 22.9 | 14.187 | 4.6 | 11.290 | 1.568 | 0.267 | 9.7 | 1.591 | 0.9 | 2.184 | -0.523 | -13.5 | 2.246 | |
| 247931.6 | 842310.7 | 137.2 | 13.273 | 5.583 | 22.8 | 14.399 | 4.5 | 11.458 | 1.592 | 0.273 | 9.7 | 1.616 | 0.9 | 2.222 | -0.531 | -13.5 | 2.285 | |
| 247930.8 | 842310.1 | 137.2 | 13.477 | 5.654 | 22.8 | 14.615 | 4.3 | 11.630 | 1.617 | 0.278 | 9.8 | 1.641 | 0.9 | 2.258 | -0.540 | -13.4 | 2.322 | |
| 247930.0 | 842309.5 | 137.3 | 13.685 | 5.727 | 22.7 | 14.835 | 4.2 | 11.806 | 1.642 | 0.284 | 9.8 | 1.667 | 0.9 | 2.293 | -0.547 | -13.4 | 2.357 | |
| 247929.1 | 842308.9 | 137.5 | 13.958 | 5.823 | 22.6 | 15.124 | 4.0 | 12.035 | 1.669 | 0.290 | 9.9 | 1.694 | 0.9 | 2.424 | -0.572 | -13.3 | 2.490 | |
| 247928.3 | 842308.4 | 137.8 | 14.354 | 5.961 | 22.6 | 15.542 | 3.8 | 12.368 | 1.699 | 0.297 | 9.9 | 1.725 | 1.0 | 2.740 | -0.630 | -12.9 | 2.811 | |
| 247927.5 | 842307.8 | 138.0 | 14.766 | 6.105 | 22.5 | 15.978 | 3.6 | 12.715 | 1.730 | 0.304 | 10.0 | 1.756 | 1.1 | 3.065 | -0.689 | -12.7 | 3.142 | |
| 247926.7 | 842307.2 | 138.2 | 15.108 | 6.222 | 22.4 | 16.339 | 3.4 | 13.003 | 1.759 | 0.311 | 10.0 | 1.786 | 1.1 | 3.269 | -0.728 | -12.6 | 3.350 | |
| 247925.9 | 842306.6 | 138.3 | 15.367 | 6.310 | 22.3 | 16.612 | 3.2 | 13.220 | 1.787 | 0.317 | 10.1 | 1.815 | 1.1 | 3.339 | -0.744 | -12.6 | 3.421 | |
| 247925.1 | 842306.1 | 138.5 | 15.652 | 6.406 | 22.3 | 16.912 | 3.1 | 13.458 | 1.816 | 0.323 | 10.1 | 1.844 | 1.1 | 3.440 | -0.766 | -12.6 | 3.524 | |
| 247924.2 | 842305.5 | 138.6 | 15.954 | 6.507 | 22.2 | 17.230 | 2.9 | 13.711 | 1.845 | 0.330 | 10.1 | 1.874 | 1.2 | 3.560 | -0.792 | -12.5 | 3.647 | |
| 247923.4 | 842304.9 | 138.7 | 16.265 | 6.610 | 22.1 | 17.557 | 2.8 | 13.971 | 1.875 | 0.336 | 10.2 | 1.905 | 1.2 | 3.685 | -0.818 | -12.5 | 3.775 | |
| 247922.6 | 842304.3 | 138.9 | 16.618 | 6.728 | 22.0 | 17.929 | 2.6 | 14.267 | 1.905 | 0.343 | 10.2 | 1.936 | 1.2 | 3.865 | -0.856 | -12.5 | 3.959 | |
| 247921.8 | 842303.7 | 138.9 | 16.855 | 6.805 | 22.0 | 18.177 | 2.5 | 14.465 | 1.933 | 0.350 | 10.2 | 1.965 | 1.2 | 3.875 | -0.862 | -12.5 | 3.970 | |
| 247921.0 | 842303.2 | 139.0 | 17.082 | 6.878 | 21.9 | 18.415 | 2.4 | 14.654 | 1.961 | 0.356 | 10.3 | 1.993 | 1.2 | 3.870 | -0.867 | -12.6 | 3.965 | |
| 247920.2 | 842302.6 | 139.0 | 17.308 | 6.950 | 21.9 | 18.652 | 2.3 | 14.842 | 1.989 | 0.362 | 10.3 | 2.022 | 1.2 | 3.860 | -0.870 | -12.7 | 3.956 | |
| 247919.3 | 842302.0 | 139.1 | 17.538 | 7.023 | 21.8 | 18.892 | 2.2 | 15.033 | 2.017 | 0.368 | 10.3 | 2.050 | 1.1 | 3.853 | -0.875 | -12.8 | 3.951 | |
| 247918.5 | 842301.4 | 139.1 | 17.739 | 7.086 | 21.8 | 19.102 | 2.1 | 15.201 | 2.044 | 0.373 | 10.4 | 2.078 | 1.1 | 3.807 | -0.872 | -12.9 | 3.906 | |
| 247917.7 | 842300.8 | 139.1 | 17.949 | 7.152 | 21.7 | 19.322 | 2.0 | 15.376 | 2.071 | 0.379 | 10.4 | 2.105 | 1.1 | 3.774 | -0.872 | -13.0 | 3.873 | |
| 247916.9 | 842300.3 | 139.2 | 18.181 | 7.225 | 21.7 | 19.564 | 1.9 | 15.569 | 2.098 | 0.385 | 10.4 | 2.134 | 1.1 | 3.770 | -0.877 | -13.1 | 3.871 | |
| 247916.1 | 842299.7 | 139.2 | 18.412 | 7.297 | 21.6 | 19.805 | 1.9 | 15.760 | 2.126 | 0.391 | 10.4 | 2.162 | 1.1 | 3.765 | -0.882 | -13.2 | 3.867 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247915.3 | 842299.1 | 139.2 | 18.626 | 7.363 | 21.6 | 20.028 | 1.8 | 15.938 | 2.153 | 0.397 | 10.5 | 2.189 | 1.0 | 3.738 | -0.883 | -13.3 | 3.841 |
| 247914.5 | 842298.5 | 139.3 | 18.843 | 7.429 | 21.5 | 20.255 | 1.7 | 16.118 | 2.179 | 0.403 | 10.5 | 2.216 | 1.0 | 3.718 | -0.885 | -13.4 | 3.821 |
| 247913.6 | 842298.0 | 139.3 | 19.128 | 7.518 | 21.5 | 20.552 | 1.6 | 16.355 | 2.207 | 0.410 | 10.5 | 2.244 | 1.0 | 3.789 | -0.904 | -13.4 | 3.895 |
| 247912.8 | 842297.4 | 139.4 | 19.385 | 7.596 | 21.4 | 20.820 | 1.6 | 16.568 | 2.234 | 0.416 | 10.5 | 2.272 | 1.0 | 3.825 | -0.916 | -13.5 | 3.933 |
| 247912.0 | 842296.8 | 139.4 | 19.587 | 7.657 | 21.4 | 21.030 | 1.5 | 16.735 | 2.259 | 0.422 | 10.6 | 2.298 | 0.9 | 3.790 | -0.914 | -13.6 | 3.899 |
| 247911.2 | 842296.2 | 139.4 | 19.836 | 7.732 | 21.3 | 21.289 | 1.5 | 16.942 | 2.286 | 0.428 | 10.6 | 2.325 | 0.9 | 3.821 | -0.925 | -13.6 | 3.931 |
| 247910.4 | 842295.6 | 139.4 | 20.000 | 7.780 | 21.3 | 21.460 | 1.5 | 17.077 | 2.310 | 0.433 | 10.6 | 2.350 | 0.9 | 3.743 | -0.915 | -13.7 | 3.853 |
| 247909.6 | 842295.1 | 139.4 | 20.232 | 7.849 | 21.2 | 21.701 | 1.4 | 17.269 | 2.336 | 0.439 | 10.7 | 2.377 | 0.8 | 3.756 | -0.921 | -13.8 | 3.868 |
| 247908.7 | 842294.5 | 139.5 | 20.476 | 7.921 | 21.1 | 21.955 | 1.4 | 17.471 | 2.361 | 0.445 | 10.7 | 2.403 | 0.8 | 3.789 | -0.931 | -13.8 | 3.902 |
| 247907.9 | 842293.9 | 139.5 | 20.713 | 7.991 | 21.1 | 22.201 | 1.4 | 17.667 | 2.386 | 0.452 | 10.7 | 2.429 | 0.8 | 3.816 | -0.939 | -13.8 | 3.930 |
| 247907.1 | 842293.3 | 139.5 | 20.918 | 8.050 | 21.0 | 22.414 | 1.4 | 17.836 | 2.411 | 0.458 | 10.7 | 2.454 | 0.7 | 3.804 | -0.940 | -13.9 | 3.919 |
| 247906.3 | 842292.7 | 139.5 | 21.125 | 8.110 | 21.0 | 22.628 | 1.4 | 18.007 | 2.435 | 0.464 | 10.8 | 2.479 | 0.7 | 3.799 | -0.941 | -13.9 | 3.914 |
| 247905.5 | 842292.2 | 139.5 | 21.334 | 8.170 | 21.0 | 22.845 | 1.4 | 18.179 | 2.459 | 0.470 | 10.8 | 2.504 | 0.6 | 3.800 | -0.943 | -13.9 | 3.915 |
| 247904.7 | 842291.6 | 139.5 | 21.550 | 8.232 | 20.9 | 23.069 | 1.5 | 18.357 | 2.483 | 0.476 | 10.8 | 2.528 | 0.6 | 3.814 | -0.947 | -13.9 | 3.929 |
| 247903.9 | 842291.0 | 139.6 | 21.946 | 8.349 | 20.8 | 23.480 | 1.5 | 18.685 | 2.511 | 0.483 | 10.9 | 2.557 | 0.6 | 4.054 | -0.994 | -13.8 | 4.175 |
| 247903.0 | 842290.4 | 139.7 | 22.398 | 8.482 | 20.7 | 23.950 | 1.6 | 19.059 | 2.540 | 0.490 | 10.9 | 2.586 | 0.6 | 4.361 | -1.054 | -13.6 | 4.487 |
| 247902.2 | 842289.9 | 139.7 | 22.596 | 8.536 | 20.7 | 24.155 | 1.6 | 19.222 | 2.563 | 0.496 | 11.0 | 2.610 | 0.5 | 4.361 | -1.054 | -13.6 | 4.486 |
| 247901.4 | 842289.3 | 139.7 | 22.734 | 8.572 | 20.7 | 24.296 | 1.6 | 19.334 | 2.584 | 0.502 | 11.0 | 2.633 | 0.5 | 4.291 | -1.039 | -13.6 | 4.415 |
| 247900.6 | 842288.7 | 139.6 | 22.835 | 8.598 | 20.6 | 24.400 | 1.6 | 19.417 | 2.605 | 0.507 | 11.0 | 2.654 | 0.5 | 4.181 | -1.017 | -13.7 | 4.303 |
| 247899.8 | 842288.1 | 139.6 | 22.927 | 8.620 | 20.6 | 24.493 | 1.7 | 19.491 | 2.625 | 0.513 | 11.1 | 2.675 | 0.5 | 4.062 | -0.993 | -13.7 | 4.181 |
| 247899.0 | 842287.5 | 139.5 | 23.017 | 8.641 | 20.6 | 24.586 | 1.7 | 19.565 | 2.646 | 0.518 | 11.1 | 2.696 | 0.4 | 3.944 | -0.968 | -13.8 | 4.061 |
| 247898.1 | 842287.0 | 139.4 | 23.107 | 8.663 | 20.6 | 24.677 | 1.7 | 19.637 | 2.667 | 0.524 | 11.1 | 2.718 | 0.4 | 3.827 | -0.943 | -13.8 | 3.942 |
| 247897.3 | 842286.4 | 139.5 | 23.462 | 8.763 | 20.5 | 25.045 | 1.8 | 19.930 | 2.693 | 0.531 | 11.1 | 2.745 | 0.5 | 4.032 | -0.982 | -13.7 | 4.150 |
| 247896.5 | 842285.8 | 139.5 | 23.760 | 8.846 | 20.4 | 25.353 | 1.8 | 20.175 | 2.719 | 0.537 | 11.2 | 2.772 | 0.6 | 4.165 | -1.008 | -13.6 | 4.285 |
| 247895.7 | 842285.2 | 139.5 | 23.998 | 8.911 | 20.4 | 25.599 | 1.9 | 20.371 | 2.744 | 0.543 | 11.2 | 2.798 | 0.6 | 4.227 | -1.019 | -13.6 | 4.348 |
| 247894.9 | 842284.6 | 139.5 | 24.206 | 8.966 | 20.3 | 25.813 | 2.0 | 20.541 | 2.769 | 0.549 | 11.2 | 2.823 | 0.7 | 4.252 | -1.024 | -13.5 | 4.374 |
| 247894.1 | 842284.1 | 139.5 | 24.325 | 8.995 | 20.3 | 25.934 | 2.0 | 20.638 | 2.792 | 0.555 | 11.2 | 2.847 | 0.7 | 4.172 | -1.009 | -13.6 | 4.293 |
| 247893.2 | 842283.5 | 139.4 | 24.275 | 8.975 | 20.3 | 25.881 | 2.0 | 20.596 | 2.812 | 0.560 | 11.3 | 2.867 | 0.7 | 3.894 | -0.954 | -13.8 | 4.010 |
| 247892.4 | 842282.9 | 139.3 | 24.316 | 8.982 | 20.3 | 25.922 | 2.0 | 20.628 | 2.835 | 0.565 | 11.3 | 2.891 | 0.7 | 3.720 | -0.921 | -13.9 | 3.832 |
| 247891.6 | 842282.3 | 139.3 | 24.535 | 9.040 | 20.2 | 26.147 | 2.1 | 20.807 | 2.862 | 0.571 | 11.3 | 2.919 | 0.8 | 3.753 | -0.930 | -13.9 | 3.866 |
| 247890.8 | 842281.8 | 139.3 | 24.862 | 9.128 | 20.2 | 26.484 | 2.1 | 21.076 | 2.893 | 0.577 | 11.3 | 2.950 | 0.8 | 3.910 | -0.965 | -13.9 | 4.028 |
| 247890.0 | 842281.2 | 139.4 | 25.296 | 9.247 | 20.1 | 26.934 | 2.2 | 21.433 | 2.927 | 0.584 | 11.3 | 2.985 | 0.9 | 4.188 | -1.026 | -13.8 | 4.312 |
| 247889.2 | 842280.6 | 139.4 | 25.592 | 9.326 | 20.0 | 27.238 | 2.3 | 21.675 | 2.959 | 0.590 | 11.3 | 3.017 | 1.0 | 4.300 | -1.054 | -13.8 | 4.427 |
| 247888.4 | 842280.0 | 139.5 | 25.891 | 9.405 | 20.0 | 27.546 | 2.4 | 21.920 | 2.991 | 0.596 | 11.3 | 3.050 | 1.0 | 4.413 | -1.082 | -13.8 | 4.544 |
| 247887.5 | 842279.4 | 139.6 | 26.426 | 9.549 | 19.9 | 28.098 | 2.5 | 22.360 | 3.029 | 0.603 | 11.3 | 3.089 | 1.1 | 4.786 | -1.164 | -13.7 | 4.926 |
| 247886.7 | 842278.9 | 139.7 | 26.956 | 9.691 | 19.8 | 28.645 | 2.6 | 22.795 | 3.069 | 0.610 | 11.3 | 3.129 | 1.3 | 5.145 | -1.243 | -13.6 | 5.293 |
| 247885.9 | 842278.3 | 139.7 | 27.189 | 9.750 | 19.7 | 28.884 | 2.7 | 22.985 | 3.100 | 0.616 | 11.2 | 3.161 | 1.3 | 5.176 | -1.256 | -13.6 | 5.326 |
| 247885.1 | 842277.7 | 139.7 | 27.422 | 9.808 | 19.7 | 29.124 | 2.8 | 23.176 | 3.131 | 0.622 | 11.2 | 3.193 | 1.3 | 5.207 | -1.269 | -13.7 | 5.359 |
| 247884.3 | 842277.1 | 139.6 | 27.657 | 9.866 | 19.6 | 29.364 | 2.8 | 23.367 | 3.163 | 0.628 | 11.2 | 3.225 | 1.3 | 5.240 | -1.282 | -13.8 | 5.395 |
| 247883.5 | 842276.5 | 139.6 | 27.750 | 9.885 | 19.6 | 29.458 | 2.8 | 23.442 | 3.190 | 0.633 | 11.2 | 3.253 | 1.2 | 5.121 | -1.264 | -13.9 | 5.274 |
| 247882.6 | 842276.0 | 139.5 | 27.818 | 9.897 | 19.6 | 29.526 | 2.8 | 23.496 | 3.217 | 0.637 | 11.2 | 3.280 | 1.2 | 4.976 | -1.240 | -14.0 | 5.128 |
| 247881.8 | 842275.4 | 139.5 | 27.890 | 9.911 | 19.6 | 29.598 | 2.9 | 23.554 | 3.244 | 0.643 | 11.2 | 3.307 | 1.1 | 4.837 | -1.216 | -14.1 | 4.987 |
| 247881.0 | 842274.8 | 139.4 | 28.090 | 9.959 | 19.5 | 29.803 | 2.9 | 23.717 | 3.273 | 0.648 | 11.2 | 3.337 | 1.1 | 4.840 | -1.220 | -14.1 | 4.992 |
| 247880.2 | 842274.2 | 139.4 | 28.296 | 10.009 | 19.5 | 30.014 | 2.9 | 23.884 | 3.302 | 0.654 | 11.2 | 3.367 | 1.1 | 4.852 | -1.224 | -14.2 | 5.004 |
| 247879.4 | 842273.7 | 139.4 | 28.590 | 10.081 | 19.4 | 30.315 | 3.0 | 24.124 | 3.333 | 0.661 | 11.2 | 3.398 | 1.1 | 4.962 | -1.247 | -14.1 | 5.116 |
| 247878.6 | 842273.1 | 139.4 | 28.809 | 10.134 | 19.4 | 30.539 | 3.1 | 24.303 | 3.362 | 0.667 | 11.2 | 3.427 | 1.1 | 4.993 | -1.251 | -14.1 | 5.148 |
| 247877.8 | 842272.5 | 139.3 | 28.848 | 10.138 | 19.4 | 30.578 | 3.1 | 24.333 | 3.385 | 0.672 | 11.2 | 3.452 | 1.0 | 4.833 | -1.216 | -14.1 | 4.984 |
| 247876.9 | 842271.9 | 139.3 | 28.826 | 10.126 | 19.4 | 30.553 | 3.1 | 24.313 | 3.407 | 0.677 | 11.2 | 3.474 | 1.0 | 4.609 | -1.166 | -14.2 | 4.754 |
| 247876.1 | 842271.3 | 139.2 | 28.936 | 10.149 | 19.3 | 30.664 | 3.1 | 24.402 | 3.432 | 0.683 | 11.3 | 3.500 | 1.0 | 4.528 | -1.144 | -14.2 | 4.670 |
| 247875.3 | 842270.8 | 139.2 | 29.108 | 10.189 | 19.3 | 30.840 | 3.1 | 24.542 | 3.459 | 0.690 | 11.3 | 3.528 | 1.0 | 4.515 | -1.133 | -14.1 | 4.655 |
| 247874.5 | 842270.2 | 139.1 | 29.255 | 10.222 | 19.3 | 30.989 | 3.1 | 24.661 | 3.486 | 0.696 | 11.3 | 3.555 | 1.0 | 4.474 | -1.116 | -14.0 | 4.611 |
| 247873.7 | 842269.6 | 139.1 | 29.439 | 10.264 | 19.2 | 31.177 | 3.2 | 24.810 | 3.514 | 0.703 | 11.3 | 3.584 | 1.0 | 4.470 | -1.105 | -13.9 | 4.604 |
| 247872.9 | 842269.0 | 139.2 | 29.783 | 10.348 | 19.2 | 31.529 | 3.2 | 25.090 | 3.548 | 0.711 | 11.3 | 3.618 | 1.1 | 4.634 | -1.127 | -13.7 | 4.769 |
| 247872.0 | 842268.4 | 139.2 | 30.097 | 10.424 | 19.1 | 31.851 | 3.3 | 25.346 | 3.582 | 0.719 | 11.3 | 3.653 | 1.2 | 4.760 | -1.141 | -13.5 | 4.895 |
| 247871.2 | 842267.9 | 139.2 | 30.415 | 10.499 | 19.0 | 32.176 | 3.4 | 25.605 | 3.617 | 0.727 | 11.4 | 3.690 | 1.2 | 4.882 | -1.153 | -13.3 | 5.016 |
| 247870.4 | 842267.3 | 139.2 | 30.736 | 10.576 | 19.0 | 32.504 | 3.4 | 25.866 | 3.655 | 0.735 | 11.4 | 3.728 | 1.3 | 4.998 | -1.165 | -13.1 | 5.132 |
| 247869.6 | 842266.7 | 139.2 | 31.059 | 10.652 | 18.9 | 32.835 | 3.5 | 26.129 | 3.694 | 0.743 | 11.4 | 3.768 | 1.4 | 5.109 | -1.175 | -13.0 | 5.242 |
| 247868.8 | 842266.1 | 139.2 | 31.112 | 10.660 | 18.9 | 32.888 | 3.5 | 26.171 | 3.726 | 0.751 | 11.4 | 3.801 | 1.4 | 4.929 | -1.126 | -12.9 | 5.056 |
| 247868.0 | 842265.6 | 139.1 | 31.244 | 10.687 | 18.9 | 33.021 | 3.5 | 26.278 | 3.763 | 0.759 | 11.4 | 3.839 | 1.4 | 4.821 | -1.092 | -12.8 | 4.944 |
| 247867.1 | 842265.0 | 139.2 | 31.711 | 10.798 | 18.8 | 33.499 | 3.6 | 26.658 | 3.812 | 0.768 | 11.4 | 3.888 | 1.5 | 5.051 | -1.128 | -12.6 | 5.175 |
| 247866.3 | 842264.4 | 139.2 | 32.120 | 10.894 | 18.7 | 33.917 | 3.6 | 26.990 | 3.860 | 0.777 | 11.4 | 3.938 | 1.5 | 5.208 | -1.149 | -12.4 | 5.333 |
| 247865.5 | 842263.8 | 139.2 | 32.484 | 10.978 | 18.7 | 34.289 | 3.7 | 27.286 | 3.909 | 0.787 | 11.4 | 3.987 | 1.6 | 5.309 | -1.159 | -12.3 | 5.434 |
| 247864.7 | 842263.2 | 139.1 | 32.286 | 10.924 | 18.7 | 34.084 | 3.7 | 27.123 | 3.942 | 0.794 | 11.4 | 4.022 | 1.4 | 4.826 | -1.050 | -12.3 | 4.939 |
| 247863.9 | 842262.7 | 138.9 | 31.912 | 10.826 | 18.7 | 33.698 | 3.6 | 26.816 | 3.974 | 0.802 | 11.4 | 4.054 | 1.2 | 4.140 | -0.900 | -12.3 | 4.237 |
| 247863.1 | 842262.1 | 138.9 | 32.044 | 10.853 | 18.7 | 33.832 | 3.6 | 26.923 | 4.020 | 0.811 | 11.4 | 4.101 | 1.2 | 3.974 | -0.857 | -12.2 | 4.065 |
| 247862.3 | 842261.5 | 139.0 | 32.470 | 10.952 | 18.6 | 34.267 | 3.7 | 27.269 | 4.074 | 0.821 | 11.4 | 4.156 | 1.3 | 4.111 | -0.877 | -12.0 | 4.203 |
| 247861.4 | 842260.9 | 139.0 | 32.937 | 11.061 | 18.6 | 34.744 | 3.7 | 27.649 | 4.131 | 0.832 | 11.4 | 4.214 | 1.3 | 4.282 | -0.905 | -11.9 | 4.377 |
| 247860.6 | 842260.3 | 139.1 | 33.595 | 11.214 | 18.5 | 35.417 | 3.8 | 28.184 | 4.194 | 0.842 | 11.4 | 4.278 | 1.5 | 4.642 | -0.973 | -11.8 | 4.743 |
| 247859.8 | 842259.8 | 139.2 | 34.302 | 11.376 | 18.3 | 36.139 | 3.9 | 28.758 | 4.260 | 0.853 | 11.3 | 4.344 | 1.6 | 5.037 | -1.049 | -11.8 | 5.146 |
| 247859.0 | 842259.2 | 139.2 | 34.446 | 11.405 | 18.3 | 36.285 | 4.0 | 28.875 | 4.311 | 0.863 | 11.3 | 4.397 | 1.6 | 4.857 | -1.009 | -11.7 | 4.961 |
| 247858.2 | 842258.6 | 139.1 | 34.578 | 11.430 | 18.3 | 36.418 | 4.0 | 28.980 | 4.364 | 0.872 | 11.3 | 4.450 | 1.5 | 4.659 | -0.967 | -11.7 | 4.758 |
| 247857.4 | 842258.0 | 139.2 | 34.964 | 11.515 | 18.2 | 36.812 | 4.0 | 29.294 | 4.424 | 0.881 | 11.3 | 4.510 | 1.5 | 4.719 | -0.978 | -11.7 | 4.819 |
| 247856.5 | 842257.5 | 139.3 | 35.601 | 11.658 | 18.1 | 37.461 | 4.1 | 29.811 | 4.490 | 0.891 | 11.2 | 4.577 | 1.6 | 5.031 | -1.043 | -11.7 | 5.138 |
| 247855.7 | 842256.9 | 139.3 | 35.996 | 11.743 | 18.1 | 37.863 | 4.1 | 30.130 | 4.549 | 0.899 | 11.2 | 4.637 | 1.6 | 5.101 | -1.058 | -11.7 | 5.210 |
| 247854.9 | 842256.3 | 139.3 | 36.472 | 11.846 | 18.0 | 38.348 | 4.2 | 30.516 | 4.609 | 0.908 | 11.1 | 4.698 | 1.7 | 5.259 | -1.092 | -11.7 | 5.371 |
| 247854.1 | 842255.7 | 139.3 | 36.785 | 11.911 | 17.9 | 38.665 | 4.2 | 30.769 | 4.663 | 0.916 | 11.1 | 4.752 | 1.6 | 5.263 | -1.095 | -11.7 | 5.376 |
| 247853.3 | 842255.1 | 139.3 | 36.825 | 11.887 | 17.9 | 38.696 | 4.2 | 30.793 | 4.700 | 0.919 | 11.1 | 4.789 | 1.5 | 5.005 | -1.033 | -11.7 | 5.111 |
| 247852.5 | 842254.6 | 139.3 | 37.318 | 11.992 | 17.8 | 39.198 | 4.3 | 31.193 | 4.753 | 0.927 | 11.0 | 4.842 | 1.6 | 5.219 | -1.075 | -11.6 | 5.328 |
| 247851.7 | 842254.0 | 139.3 | 37.653 | 12.061 | 17.8 | 39.538 | 4.3 | 31.463 | 4.798 | 0.934 | 11.0 | 4.888 | 1.6 | 5.294 | -1.089 | -11.6 | 5.405 |
| 247850.8 | 842253.4 | 139.3 | 37.900 | 12.111 | 17.7 | 39.788 | 4.3 | 31.662 | 4.837 | 0.941 | 11.0 | 4.927 | 1.6 | 5.303 | -1.088 | -11.6 | 5.414 |
| 247850.0 | 842252.8 | 139.3 | 38.084 | 12.146 | 17.7 | 39.974 | 4.3 | 31.810 | 4.870 | 0.947 | 11.0 | 4.961 | 1.5 | 5.274 | -1.077 | -11.5 | 5.383 |
| 247849.2 | 842252.2 | 139.3 | 38.202 | 12.167 | 17.7 | 40.093 | 4.3 | 31.905 | 4.898 | 0.952 | 11.0 | 4.990 | 1.5 | 5.204 | -1.057 | -11.5 | 5.310 |
| 247848.4 | 842251.7 | 139.3 | 38.413 | 12.208 | 17.6 | 40.306 | 4.3 | 32.074 | 4.925 | 0.958 | 11.0 | 5.017 | 1.5 | 5.248 | -1.057 | -11.4 | 5.353 |
| 247847.6 | 842251.1 | 139.3 | 38.595 | 12.243 | 17.6 | 40.490 | 4.3 | 32.221 | 4.948 | 0.963 | 11.0 | 5.041 | 1.5 | 5.286 | -1.054 | -11.3 | 5.390 |
| 247846.8 | 842250.5 | 139.3 | 38.979 | 12.321 | 17.5 | 40.880 | 4.4 | 32.531 | 4.974 | 0.968 | 11.0 | 5.067 | 1.6 | 5.539 | -1.093 | -11.2 | 5.646 |
| 247845.9 | 842249.9 | 139.3 | 39.281 | 12.381 | 17.5 | 41.186 | 4.4 | 32.775 | 4.997 | 0.972 | 11.0 | 5.090 | 1.7 | 5.731 | -1.119 | -11.0 | 5.839 |
| 247845.1 | 842249.4 | 139.3 | 39.437 | 12.410 | 17.5 | 41.343 | 4.4 | 32.900 | 5.014 | 0.976 | 11.0 | 5.108 | 1.8 | 5.798 | -1.120 | -10.9 | 5.905 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247844.3 | 842248.8 | 139.2 | 39.562 | 12.432 | 17.4 | 41.469 | 4.4 | 33.000 | 5.030 | 0.979 | 11.0 | 5.125 | 1.8 | 5.850 | -1.118 | -10.8 | 5.956 |
| 247843.5 | 842248.2 | 139.1 | 39.394 | 12.392 | 17.5 | 41.297 | 4.3 | 32.863 | 5.037 | 0.982 | 11.0 | 5.132 | 1.7 | 5.635 | -1.064 | -10.7 | 5.734 |
| 247842.7 | 842247.6 | 139.1 | 39.548 | 12.420 | 17.4 | 41.452 | 4.3 | 32.987 | 5.053 | 0.984 | 11.0 | 5.148 | 1.8 | 5.738 | -1.073 | -10.6 | 5.838 |
| 247841.9 | 842247.0 | 139.1 | 39.637 | 12.435 | 17.4 | 41.542 | 4.3 | 33.058 | 5.068 | 0.986 | 11.0 | 5.163 | 1.8 | 5.789 | -1.073 | -10.5 | 5.887 |
| 247841.0 | 842246.5 | 139.0 | 39.660 | 12.436 | 17.4 | 41.564 | 4.3 | 33.075 | 5.080 | 0.988 | 11.0 | 5.176 | 1.8 | 5.782 | -1.062 | -10.4 | 5.879 |
| 247840.2 | 842245.9 | 139.0 | 39.583 | 12.417 | 17.4 | 41.485 | 4.3 | 33.013 | 5.090 | 0.990 | 11.0 | 5.185 | 1.8 | 5.688 | -1.035 | -10.3 | 5.781 |
| 247839.4 | 842245.3 | 138.9 | 39.470 | 12.390 | 17.4 | 41.369 | 4.2 | 32.921 | 5.099 | 0.991 | 11.0 | 5.194 | 1.8 | 5.563 | -1.004 | -10.2 | 5.652 |
| 247838.6 | 842244.7 | 138.9 | 39.440 | 12.381 | 17.4 | 41.338 | 4.2 | 32.896 | 5.111 | 0.992 | 11.0 | 5.206 | 1.8 | 5.521 | -0.990 | -10.2 | 5.609 |
| 247837.8 | 842244.1 | 138.8 | 39.511 | 12.393 | 17.4 | 41.409 | 4.2 | 32.952 | 5.125 | 0.993 | 11.0 | 5.221 | 1.8 | 5.581 | -0.996 | -10.1 | 5.669 |
| 247837.0 | 842243.6 | 138.8 | 39.460 | 12.380 | 17.4 | 41.356 | 4.1 | 32.910 | 5.137 | 0.994 | 10.9 | 5.232 | 1.8 | 5.526 | -0.982 | -10.1 | 5.613 |
| 247836.2 | 842243.0 | 138.7 | 39.545 | 12.420 | 17.4 | 41.450 | 4.2 | 32.985 | 5.159 | 1.002 | 11.0 | 5.255 | 1.8 | 5.587 | -1.027 | -10.4 | 5.681 |
| 247835.3 | 842242.4 | 138.7 | 39.555 | 12.420 | 17.4 | 41.459 | 4.2 | 32.992 | 5.171 | 1.003 | 11.0 | 5.268 | 1.8 | 5.598 | -1.025 | -10.4 | 5.691 |
| 247834.5 | 842241.8 | 138.6 | 39.558 | 12.419 | 17.4 | 41.462 | 4.2 | 32.994 | 5.183 | 1.004 | 11.0 | 5.279 | 1.8 | 5.607 | -1.023 | -10.3 | 5.699 |
| 247833.7 | 842241.3 | 138.6 | 39.578 | 12.421 | 17.4 | 41.481 | 4.1 | 33.010 | 5.194 | 1.004 | 10.9 | 5.290 | 1.8 | 5.635 | -1.026 | -10.3 | 5.728 |
| 247832.9 | 842240.7 | 138.6 | 39.554 | 12.415 | 17.4 | 41.457 | 4.1 | 32.990 | 5.203 | 1.005 | 10.9 | 5.299 | 1.8 | 5.624 | -1.021 | -10.3 | 5.716 |
| 247832.1 | 842240.1 | 138.5 | 39.531 | 12.408 | 17.4 | 41.433 | 4.1 | 32.971 | 5.211 | 1.005 | 10.9 | 5.307 | 1.7 | 5.618 | -1.017 | -10.3 | 5.709 |
| 247831.3 | 842239.5 | 138.5 | 39.541 | 12.409 | 17.4 | 41.443 | 4.1 | 32.979 | 5.220 | 1.006 | 10.9 | 5.316 | 1.7 | 5.648 | -1.020 | -10.2 | 5.739 |
| 247830.4 | 842238.9 | 138.5 | 39.802 | 12.462 | 17.4 | 41.708 | 4.1 | 33.190 | 5.236 | 1.007 | 10.9 | 5.332 | 1.8 | 5.923 | -1.070 | -10.2 | 6.019 |
| 247829.6 | 842238.4 | 138.4 | 39.705 | 12.441 | 17.4 | 41.609 | 4.0 | 33.111 | 5.241 | 1.007 | 10.9 | 5.337 | 1.8 | 5.852 | -1.054 | -10.2 | 5.946 |
| 247828.8 | 842237.8 | 138.3 | 39.406 | 12.379 | 17.4 | 41.305 | 4.0 | 32.869 | 5.240 | 1.007 | 10.9 | 5.336 | 1.7 | 5.583 | -1.001 | -10.2 | 5.672 |
| 247828.0 | 842237.2 | 138.3 | 39.193 | 12.335 | 17.5 | 41.088 | 4.0 | 32.697 | 5.242 | 1.007 | 10.9 | 5.338 | 1.7 | 5.396 | -0.964 | -10.1 | 5.482 |
| 247827.2 | 842236.6 | 138.2 | 39.077 | 12.311 | 17.5 | 40.970 | 3.9 | 32.603 | 5.248 | 1.007 | 10.9 | 5.343 | 1.6 | 5.304 | -0.947 | -10.1 | 5.388 |
| 247826.4 | 842236.0 | 138.2 | 39.331 | 12.364 | 17.5 | 41.229 | 3.9 | 32.809 | 5.265 | 1.007 | 10.8 | 5.361 | 1.7 | 5.581 | -1.001 | -10.2 | 5.670 |
| 247825.6 | 842235.5 | 138.2 | 39.297 | 12.357 | 17.5 | 41.194 | 3.9 | 32.781 | 5.274 | 1.006 | 10.8 | 5.369 | 1.7 | 5.571 | -1.000 | -10.2 | 5.660 |
| 247824.7 | 842234.9 | 138.1 | 39.010 | 12.299 | 17.5 | 40.903 | 3.9 | 32.549 | 5.274 | 1.006 | 10.8 | 5.369 | 1.6 | 5.311 | -0.951 | -10.1 | 5.396 |
| 247823.9 | 842234.3 | 138.2 | 39.410 | 12.381 | 17.4 | 41.309 | 3.9 | 32.872 | 5.293 | 1.006 | 10.8 | 5.388 | 1.7 | 5.738 | -1.033 | -10.2 | 5.831 |
| 247823.1 | 842233.7 | 138.1 | 39.191 | 12.338 | 17.5 | 41.087 | 3.8 | 32.696 | 5.292 | 1.006 | 10.8 | 5.387 | 1.6 | 5.554 | -0.997 | -10.2 | 5.643 |
| 247822.3 | 842233.2 | 138.1 | 39.280 | 12.357 | 17.5 | 41.178 | 3.8 | 32.769 | 5.298 | 1.006 | 10.7 | 5.392 | 1.6 | 5.682 | -1.020 | -10.2 | 5.772 |
| 247821.5 | 842232.6 | 138.0 | 39.160 | 12.334 | 17.5 | 41.056 | 3.8 | 32.671 | 5.295 | 1.006 | 10.8 | 5.390 | 1.5 | 5.604 | -1.002 | -10.1 | 5.692 |
| 247820.7 | 842232.0 | 138.1 | 39.546 | 12.414 | 17.4 | 41.449 | 3.8 | 32.984 | 5.307 | 1.006 | 10.7 | 5.402 | 1.6 | 6.033 | -1.079 | -10.1 | 6.129 |
| 247819.8 | 842231.4 | 138.0 | 39.227 | 12.351 | 17.5 | 41.125 | 3.8 | 32.726 | 5.295 | 1.006 | 10.8 | 5.389 | 1.6 | 5.766 | -1.023 | -10.1 | 5.856 |
| 247819.0 | 842230.8 | 137.9 | 38.882 | 12.283 | 17.5 | 40.776 | 3.7 | 32.449 | 5.281 | 1.006 | 10.8 | 5.376 | 1.5 | 5.472 | -0.962 | -10.0 | 5.555 |
| 247818.2 | 842230.3 | 137.9 | 38.999 | 12.309 | 17.5 | 40.895 | 3.7 | 32.543 | 5.283 | 1.007 | 10.8 | 5.378 | 1.5 | 5.636 | -0.987 | -9.9 | 5.722 |
| 247817.4 | 842229.7 | 137.8 | 38.845 | 12.280 | 17.5 | 40.740 | 3.7 | 32.420 | 5.277 | 1.007 | 10.8 | 5.372 | 1.5 | 5.526 | -0.960 | -9.9 | 5.609 |
| 247816.6 | 842229.1 | 137.8 | 38.580 | 12.228 | 17.6 | 40.471 | 3.6 | 32.206 | 5.270 | 1.007 | 10.8 | 5.365 | 1.5 | 5.296 | -0.911 | -9.8 | 5.374 |
| 247815.8 | 842228.5 | 137.7 | 38.313 | 12.176 | 17.6 | 40.201 | 3.6 | 31.991 | 5.265 | 1.008 | 10.8 | 5.360 | 1.4 | 5.053 | -0.861 | -9.7 | 5.126 |
| 247814.9 | 842227.9 | 137.5 | 37.490 | 12.009 | 17.8 | 39.367 | 3.6 | 31.327 | 5.246 | 1.007 | 10.9 | 5.342 | 1.2 | 4.217 | -0.699 | -9.4 | 4.275 |
| 247814.1 | 842227.4 | 137.4 | 37.294 | 11.972 | 17.8 | 39.168 | 3.5 | 31.169 | 5.251 | 1.007 | 10.9 | 5.347 | 1.2 | 4.017 | -0.661 | -9.3 | 4.071 |
| 247813.3 | 842226.8 | 137.5 | 37.693 | 12.058 | 17.7 | 39.575 | 3.5 | 31.493 | 5.275 | 1.008 | 10.8 | 5.370 | 1.3 | 4.435 | -0.743 | -9.5 | 4.497 |
| 247812.5 | 842226.2 | 137.6 | 38.021 | 12.130 | 17.7 | 39.909 | 3.5 | 31.758 | 5.300 | 1.009 | 10.8 | 5.395 | 1.4 | 4.764 | -0.809 | -9.6 | 4.832 |
| 247811.7 | 842225.6 | 137.5 | 37.693 | 12.066 | 17.8 | 39.577 | 3.5 | 31.494 | 5.307 | 1.009 | 10.8 | 5.402 | 1.3 | 4.398 | -0.745 | -9.6 | 4.460 |
| 247810.9 | 842225.1 | 137.4 | 37.614 | 12.054 | 17.8 | 39.498 | 3.5 | 31.431 | 5.322 | 1.009 | 10.7 | 5.417 | 1.3 | 4.283 | -0.730 | -9.7 | 4.345 |
| 247810.1 | 842224.5 | 137.5 | 37.833 | 12.103 | 17.7 | 39.722 | 3.5 | 31.610 | 5.346 | 1.010 | 10.7 | 5.441 | 1.3 | 4.480 | -0.775 | -9.8 | 4.547 |
| 247809.2 | 842223.9 | 137.5 | 38.050 | 12.153 | 17.7 | 39.944 | 3.5 | 31.786 | 5.369 | 1.011 | 10.7 | 5.464 | 1.3 | 4.671 | -0.818 | -9.9 | 4.742 |
| 247808.4 | 842223.3 | 137.5 | 38.265 | 12.201 | 17.7 | 40.164 | 3.5 | 31.961 | 5.391 | 1.011 | 10.6 | 5.485 | 1.3 | 4.859 | -0.861 | -10.1 | 4.935 |
| 247807.6 | 842222.7 | 137.6 | 38.478 | 12.250 | 17.7 | 40.381 | 3.5 | 32.134 | 5.411 | 1.012 | 10.6 | 5.505 | 1.3 | 5.046 | -0.903 | -10.2 | 5.126 |
| 247806.8 | 842222.2 | 137.5 | 38.436 | 12.246 | 17.7 | 40.340 | 3.4 | 32.102 | 5.421 | 1.013 | 10.6 | 5.515 | 1.3 | 4.972 | -0.896 | -10.2 | 5.052 |
| 247806.0 | 842221.6 | 137.4 | 37.903 | 12.142 | 17.8 | 39.800 | 3.4 | 31.672 | 5.416 | 1.013 | 10.6 | 5.510 | 1.1 | 4.385 | -0.791 | -10.2 | 4.456 |
| 247805.2 | 842221.0 | 137.4 | 38.082 | 12.184 | 17.7 | 39.983 | 3.4 | 31.818 | 5.427 | 1.014 | 10.6 | 5.521 | 1.1 | 4.555 | -0.828 | -10.3 | 4.629 |
| 247804.3 | 842220.4 | 137.5 | 38.284 | 12.231 | 17.7 | 40.191 | 3.4 | 31.983 | 5.437 | 1.015 | 10.6 | 5.531 | 1.1 | 4.756 | -0.869 | -10.4 | 4.834 |
| 247803.5 | 842219.8 | 137.5 | 38.537 | 12.289 | 17.7 | 40.449 | 3.4 | 32.188 | 5.447 | 1.015 | 10.6 | 5.541 | 1.2 | 5.015 | -0.921 | -10.4 | 5.099 |
| 247802.7 | 842219.3 | 137.6 | 38.789 | 12.346 | 17.7 | 40.706 | 3.4 | 32.393 | 5.456 | 1.016 | 10.5 | 5.550 | 1.2 | 5.276 | -0.972 | -10.4 | 5.365 |
| 247801.9 | 842218.7 | 137.6 | 38.947 | 12.384 | 17.6 | 40.869 | 3.4 | 32.522 | 5.462 | 1.016 | 10.5 | 5.556 | 1.3 | 5.445 | -1.007 | -10.5 | 5.537 |
| 247801.1 | 842218.1 | 137.5 | 38.535 | 12.307 | 17.7 | 40.452 | 3.3 | 32.191 | 5.450 | 1.016 | 10.6 | 5.544 | 1.2 | 5.027 | -0.932 | -10.5 | 5.113 |
| 247800.3 | 842217.5 | 137.4 | 38.166 | 12.238 | 17.8 | 40.080 | 3.3 | 31.894 | 5.440 | 1.015 | 10.6 | 5.534 | 1.1 | 4.653 | -0.866 | -10.5 | 4.733 |
| 247799.5 | 842217.0 | 137.4 | 38.025 | 12.216 | 17.8 | 39.939 | 3.3 | 31.782 | 5.437 | 1.014 | 10.6 | 5.531 | 1.1 | 4.522 | -0.845 | -10.6 | 4.601 |
| 247798.6 | 842216.4 | 137.4 | 38.023 | 12.223 | 17.8 | 39.939 | 3.3 | 31.783 | 5.437 | 1.013 | 10.6 | 5.531 | 1.1 | 4.545 | -0.854 | -10.6 | 4.625 |
| 247797.8 | 842215.8 | 137.4 | 37.946 | 12.214 | 17.8 | 39.864 | 3.3 | 31.723 | 5.434 | 1.012 | 10.6 | 5.528 | 1.0 | 4.494 | -0.850 | -10.7 | 4.573 |
| 247797.0 | 842215.2 | 137.3 | 37.849 | 12.201 | 17.9 | 39.767 | 3.3 | 31.646 | 5.430 | 1.011 | 10.5 | 5.523 | 1.0 | 4.427 | -0.843 | -10.8 | 4.507 |
| 247796.2 | 842214.6 | 137.4 | 37.995 | 12.239 | 17.9 | 39.918 | 3.3 | 31.765 | 5.429 | 1.009 | 10.5 | 5.522 | 1.0 | 4.631 | -0.885 | -10.8 | 4.715 |
| 247795.4 | 842214.1 | 137.5 | 38.837 | 12.419 | 17.7 | 40.774 | 3.2 | 32.447 | 5.446 | 1.008 | 10.5 | 5.538 | 1.2 | 5.574 | -1.064 | -10.8 | 5.675 |
| 247794.6 | 842213.5 | 137.6 | 39.106 | 12.481 | 17.7 | 41.049 | 3.2 | 32.666 | 5.444 | 1.007 | 10.5 | 5.537 | 1.3 | 5.919 | -1.131 | -10.8 | 6.026 |
| 247793.7 | 842212.9 | 137.4 | 38.087 | 12.282 | 17.9 | 40.018 | 3.2 | 31.845 | 5.401 | 1.004 | 10.5 | 5.494 | 1.0 | 4.937 | -0.952 | -10.9 | 5.028 |
| 247792.9 | 842212.3 | 137.3 | 37.446 | 12.158 | 18.0 | 39.370 | 3.2 | 31.330 | 5.368 | 1.002 | 10.6 | 5.461 | 0.9 | 4.342 | -0.842 | -11.0 | 4.423 |
| 247792.1 | 842211.7 | 137.4 | 37.866 | 12.253 | 17.9 | 39.799 | 3.2 | 31.671 | 5.360 | 1.000 | 10.6 | 5.453 | 1.0 | 4.900 | -0.946 | -10.9 | 4.990 |
| 247791.3 | 842211.2 | 137.4 | 38.289 | 12.349 | 17.9 | 40.231 | 3.2 | 32.015 | 5.352 | 0.999 | 10.6 | 5.445 | 1.1 | 5.461 | -1.050 | -10.9 | 5.561 |
| 247790.5 | 842210.6 | 137.5 | 38.501 | 12.402 | 17.9 | 40.450 | 3.2 | 32.189 | 5.338 | 0.996 | 10.6 | 5.431 | 1.2 | 5.804 | -1.113 | -10.9 | 5.910 |
| 247789.7 | 842210.0 | 137.3 | 37.722 | 12.250 | 18.0 | 39.662 | 3.2 | 31.562 | 5.293 | 0.993 | 10.6 | 5.385 | 1.0 | 5.116 | -0.985 | -10.9 | 5.210 |
| 247788.8 | 842209.4 | 137.2 | 37.097 | 12.129 | 18.1 | 39.029 | 3.2 | 31.059 | 5.253 | 0.990 | 10.7 | 5.346 | 0.9 | 4.582 | -0.884 | -10.9 | 4.667 |
| 247788.0 | 842208.9 | 137.4 | 37.996 | 12.326 | 18.0 | 39.945 | 3.1 | 31.787 | 5.257 | 0.987 | 10.6 | 5.349 | 1.1 | 5.682 | -1.090 | -10.9 | 5.786 |
| 247787.2 | 842208.3 | 137.4 | 38.033 | 12.343 | 18.0 | 39.986 | 3.1 | 31.820 | 5.236 | 0.984 | 10.6 | 5.328 | 1.2 | 5.867 | -1.124 | -10.8 | 5.974 |
| 247786.4 | 842207.7 | 137.4 | 37.767 | 12.298 | 18.0 | 39.719 | 3.1 | 31.607 | 5.204 | 0.980 | 10.7 | 5.296 | 1.2 | 5.741 | -1.101 | -10.9 | 5.845 |
| 247785.6 | 842207.1 | 137.4 | 37.583 | 12.270 | 18.1 | 39.535 | 3.1 | 31.461 | 5.174 | 0.977 | 10.7 | 5.265 | 1.1 | 5.704 | -1.094 | -10.9 | 5.808 |
| 247784.8 | 842206.5 | 137.3 | 37.296 | 12.220 | 18.1 | 39.247 | 3.1 | 31.232 | 5.140 | 0.973 | 10.7 | 5.231 | 1.1 | 5.563 | -1.067 | -10.9 | 5.665 |
| 247784.0 | 842206.0 | 137.2 | 36.551 | 12.074 | 18.3 | 38.493 | 3.1 | 30.632 | 5.091 | 0.968 | 10.8 | 5.182 | 1.0 | 4.934 | -0.948 | -10.9 | 5.024 |
| 247783.1 | 842205.4 | 137.2 | 36.440 | 12.061 | 18.3 | 38.384 | 3.1 | 30.545 | 5.060 | 0.964 | 10.8 | 5.151 | 1.0 | 4.986 | -0.957 | -10.9 | 5.077 |
| 247782.3 | 842204.8 | 137.1 | 36.087 | 11.996 | 18.4 | 38.028 | 3.1 | 30.262 | 5.022 | 0.960 | 10.8 | 5.113 | 0.9 | 4.778 | -0.916 | -10.9 | 4.865 |
| 247781.5 | 842204.2 | 137.0 | 35.717 | 11.927 | 18.5 | 37.656 | 3.1 | 29.965 | 4.983 | 0.956 | 10.9 | 5.074 | 0.9 | 4.550 | -0.872 | -10.8 | 4.633 |
| 247780.7 | 842203.6 | 137.0 | 35.513 | 11.894 | 18.5 | 37.452 | 3.1 | 29.803 | 4.949 | 0.952 | 10.9 | 5.039 | 0.9 | 4.506 | -0.862 | -10.8 | 4.588 |
| 247779.9 | 842203.1 | 137.0 | 35.346 | 11.869 | 18.6 | 37.286 | 3.1 | 29.671 | 4.915 | 0.948 | 10.9 | 5.006 | 0.9 | 4.502 | -0.860 | -10.8 | 4.584 |
| 247779.1 | 842202.5 | 137.0 | 35.206 | 11.849 | 18.6 | 37.147 | 3.1 | 29.561 | 4.884 | 0.944 | 10.9 | 4.974 | 0.9 | 4.527 | -0.864 | -10.8 | 4.609 |
| 247778.2 | 842201.9 | 136.9 | 35.033 | 11.823 | 18.6 | 36.974 | 3.1 | 29.423 | 4.851 | 0.939 | 11.0 | 4.941 | 0.9 | 4.514 | -0.861 | -10.8 | 4.595 |
| 247777.4 | 842201.3 | 137.0 | 35.192 | 11.869 | 18.6 | 37.139 | 3.1 | 29.555 | 4.829 | 0.936 | 11.0 | 4.919 | 1.0 | 4.865 | -0.928 | -10.8 | 4.953 |
| 247776.6 | 842200.8 | 137.0 | 35.076 | 11.856 | 18.7 | 37.025 | 3.1 | 29.464 | 4.800 | 0.932 | 11.0 | 4.890 | 1.0 | 4.909 | -0.936 | -10.8 | 4.998 |
| 247775.8 | 842200.2 | 136.9 | 34.440 | 11.727 | 18.8 | 36.382 | 3.2 | 28.952 | 4.756 | 0.927 | 11.0 | 4.846 | 0.9 | 4.371 | -0.833 | -10.8 | 4.450 |
| 247775.0 | 842199.6 | 136.7 | 33.926 | 11.624 | 18.9 | 35.862 | 3.2 | 28.538 | 4.718 | 0.922 | 11.1 | 4.807 | 0.8 | 3.954 | -0.753 | -10.8 | 4.025 |
| 247774.2 | 842199.0 | 136.7 | 33.738 | 11.594 | 19.0 | 35.674 | 3.2 | 28.389 | 4.690 | 0.918 | 11.1 | 4.779 | 0.8 | 3.901 | -0.744 | -10.8 | 3.972 |

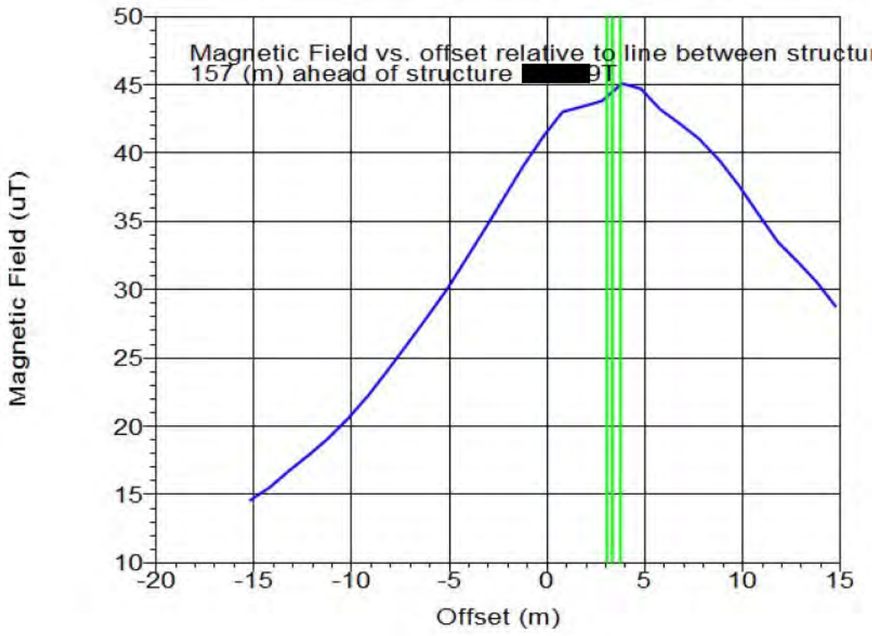
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247773.4 | 842198.4 | 136.7 | 33.549 | 11.563 | 19.0 | 35.486 | 3.2 | 28.239 | 4.663 | 0.914 | 11.1 | 4.752 | 0.8 | 3.841 | -0.734 | -10.8 | 3.911 |
| 247772.5 | 842197.9 | 136.7 | 33.435 | 11.549 | 19.1 | 35.373 | 3.2 | 28.149 | 4.639 | 0.910 | 11.1 | 4.727 | 0.8 | 3.862 | -0.741 | -10.9 | 3.932 |
| 247771.7 | 842197.3 | 136.8 | 33.619 | 11.604 | 19.0 | 35.565 | 3.2 | 28.302 | 4.624 | 0.906 | 11.1 | 4.712 | 0.9 | 4.219 | -0.814 | -10.9 | 4.297 |
| 247770.9 | 842196.7 | 136.8 | 33.824 | 11.664 | 19.0 | 35.779 | 3.2 | 28.472 | 4.611 | 0.902 | 11.1 | 4.699 | 1.0 | 4.593 | -0.890 | -11.0 | 4.679 |
| 247770.1 | 842196.1 | 136.8 | 33.596 | 11.625 | 19.1 | 35.551 | 3.2 | 28.290 | 4.586 | 0.898 | 11.1 | 4.673 | 1.0 | 4.472 | -0.871 | -11.0 | 4.556 |
| 247769.3 | 842195.5 | 136.8 | 33.308 | 11.572 | 19.2 | 35.261 | 3.2 | 28.060 | 4.560 | 0.894 | 11.1 | 4.647 | 0.9 | 4.277 | -0.837 | -11.1 | 4.358 |
| 247768.5 | 842195.0 | 136.7 | 33.078 | 11.532 | 19.2 | 35.031 | 3.3 | 27.877 | 4.535 | 0.890 | 11.1 | 4.622 | 0.9 | 4.143 | -0.815 | -11.1 | 4.223 |
| 247767.6 | 842194.4 | 136.7 | 32.960 | 11.518 | 19.3 | 34.915 | 3.3 | 27.785 | 4.513 | 0.886 | 11.1 | 4.600 | 0.9 | 4.137 | -0.817 | -11.2 | 4.216 |
| 247766.8 | 842193.8 | 136.8 | 33.005 | 11.542 | 19.3 | 34.965 | 3.3 | 27.824 | 4.496 | 0.882 | 11.1 | 4.582 | 0.9 | 4.315 | -0.855 | -11.2 | 4.399 |
| 247766.0 | 842193.2 | 136.8 | 32.959 | 11.545 | 19.3 | 34.923 | 3.3 | 27.791 | 4.476 | 0.879 | 11.1 | 4.561 | 0.9 | 4.387 | -0.873 | -11.2 | 4.473 |
| 247765.2 | 842192.7 | 136.8 | 32.757 | 11.512 | 19.4 | 34.721 | 3.3 | 27.630 | 4.451 | 0.875 | 11.1 | 4.536 | 0.9 | 4.278 | -0.854 | -11.3 | 4.363 |
| 247764.4 | 842192.1 | 136.7 | 32.554 | 11.479 | 19.4 | 34.518 | 3.3 | 27.469 | 4.426 | 0.871 | 11.1 | 4.511 | 0.9 | 4.167 | -0.835 | -11.3 | 4.250 |
| 247763.6 | 842191.5 | 136.7 | 32.351 | 11.445 | 19.5 | 34.316 | 3.3 | 27.308 | 4.401 | 0.867 | 11.1 | 4.486 | 0.8 | 4.054 | -0.815 | -11.4 | 4.135 |
| 247762.7 | 842190.9 | 136.7 | 32.187 | 11.421 | 19.5 | 34.153 | 3.3 | 27.178 | 4.377 | 0.863 | 11.2 | 4.462 | 0.8 | 3.985 | -0.803 | -11.4 | 4.065 |
| 247761.9 | 842190.3 | 136.7 | 32.126 | 11.420 | 19.6 | 34.095 | 3.4 | 27.132 | 4.356 | 0.859 | 11.2 | 4.440 | 0.8 | 4.036 | -0.814 | -11.4 | 4.117 |
| 247761.1 | 842189.8 | 136.7 | 32.062 | 11.420 | 19.6 | 34.035 | 3.4 | 27.084 | 4.334 | 0.856 | 11.2 | 4.417 | 0.8 | 4.083 | -0.824 | -11.4 | 4.165 |
| 247760.3 | 842189.2 | 136.7 | 31.995 | 11.419 | 19.6 | 33.972 | 3.4 | 27.034 | 4.311 | 0.852 | 11.2 | 4.395 | 0.8 | 4.127 | -0.833 | -11.4 | 4.210 |
| 247759.5 | 842188.6 | 136.8 | 31.927 | 11.417 | 19.7 | 33.907 | 3.4 | 26.982 | 4.289 | 0.848 | 11.2 | 4.372 | 0.8 | 4.168 | -0.841 | -11.4 | 4.252 |
| 247758.7 | 842188.0 | 136.8 | 31.856 | 11.415 | 19.7 | 33.839 | 3.4 | 26.928 | 4.266 | 0.844 | 11.2 | 4.348 | 0.8 | 4.205 | -0.848 | -11.4 | 4.290 |
| 247757.9 | 842187.4 | 136.7 | 31.636 | 11.378 | 19.8 | 33.620 | 3.4 | 26.754 | 4.239 | 0.841 | 11.2 | 4.321 | 0.8 | 4.067 | -0.820 | -11.4 | 4.149 |
| 247757.0 | 842186.9 | 136.7 | 31.223 | 11.292 | 19.9 | 33.203 | 3.5 | 26.422 | 4.207 | 0.836 | 11.2 | 4.289 | 0.7 | 3.699 | -0.746 | -11.4 | 3.774 |
| 247756.2 | 842186.3 | 136.7 | 31.151 | 11.290 | 19.9 | 33.134 | 3.5 | 26.367 | 4.184 | 0.833 | 11.3 | 4.266 | 0.7 | 3.732 | -0.751 | -11.4 | 3.807 |
| 247755.4 | 842185.7 | 136.7 | 31.097 | 11.293 | 20.0 | 33.084 | 3.5 | 26.328 | 4.161 | 0.829 | 11.3 | 4.243 | 0.7 | 3.785 | -0.760 | -11.4 | 3.861 |
| 247754.6 | 842185.1 | 136.7 | 31.041 | 11.295 | 20.0 | 33.032 | 3.5 | 26.286 | 4.139 | 0.825 | 11.3 | 4.220 | 0.7 | 3.834 | -0.768 | -11.3 | 3.910 |
| 247753.8 | 842184.6 | 136.7 | 30.983 | 11.296 | 20.0 | 32.978 | 3.5 | 26.243 | 4.117 | 0.821 | 11.3 | 4.198 | 0.7 | 3.878 | -0.775 | -11.3 | 3.954 |
| 247753.0 | 842184.0 | 136.8 | 30.922 | 11.297 | 20.1 | 32.921 | 3.6 | 26.198 | 4.095 | 0.818 | 11.3 | 4.176 | 0.8 | 3.916 | -0.781 | -11.3 | 3.993 |
| 247752.1 | 842183.4 | 136.8 | 30.859 | 11.298 | 20.1 | 32.862 | 3.6 | 26.151 | 4.073 | 0.814 | 11.3 | 4.154 | 0.8 | 3.949 | -0.787 | -11.3 | 4.027 |
| 247751.3 | 842182.8 | 136.8 | 30.794 | 11.298 | 20.1 | 32.801 | 3.6 | 26.103 | 4.052 | 0.810 | 11.3 | 4.133 | 0.8 | 3.977 | -0.791 | -11.2 | 4.055 |
| 247750.5 | 842182.2 | 136.8 | 30.727 | 11.298 | 20.2 | 32.738 | 3.6 | 26.052 | 4.032 | 0.806 | 11.3 | 4.112 | 0.8 | 3.999 | -0.794 | -11.2 | 4.077 |
| 247749.7 | 842181.7 | 136.8 | 30.441 | 11.243 | 20.3 | 32.451 | 3.7 | 25.824 | 4.006 | 0.802 | 11.3 | 4.086 | 0.7 | 3.758 | -0.744 | -11.2 | 3.831 |
| 247748.9 | 842181.1 | 136.7 | 30.086 | 11.169 | 20.4 | 32.092 | 3.7 | 25.538 | 3.979 | 0.798 | 11.3 | 4.058 | 0.7 | 3.427 | -0.677 | -11.2 | 3.494 |
| 247748.1 | 842180.5 | 136.8 | 30.134 | 11.199 | 20.4 | 32.147 | 3.7 | 25.582 | 3.962 | 0.795 | 11.3 | 4.041 | 0.7 | 3.579 | -0.706 | -11.2 | 3.648 |
| 247747.3 | 842179.9 | 136.8 | 29.945 | 11.167 | 20.5 | 31.959 | 3.8 | 25.432 | 3.939 | 0.791 | 11.4 | 4.018 | 0.7 | 3.443 | -0.677 | -11.1 | 3.509 |
| 247746.4 | 842179.3 | 136.8 | 29.758 | 11.136 | 20.5 | 31.774 | 3.8 | 25.285 | 3.917 | 0.787 | 11.4 | 3.995 | 0.7 | 3.306 | -0.649 | -11.1 | 3.369 |
| 247745.6 | 842178.8 | 136.8 | 29.662 | 11.129 | 20.6 | 31.681 | 3.8 | 25.211 | 3.897 | 0.783 | 11.4 | 3.975 | 0.6 | 3.275 | -0.641 | -11.1 | 3.337 |
| 247744.8 | 842178.2 | 136.9 | 29.817 | 11.187 | 20.6 | 31.846 | 3.8 | 25.342 | 3.883 | 0.780 | 11.4 | 3.961 | 0.7 | 3.546 | -0.694 | -11.1 | 3.614 |
| 247744.0 | 842177.6 | 136.9 | 29.796 | 11.199 | 20.6 | 31.831 | 3.8 | 25.330 | 3.865 | 0.777 | 11.4 | 3.942 | 0.7 | 3.601 | -0.704 | -11.1 | 3.669 |
| 247743.2 | 842177.0 | 136.9 | 29.644 | 11.177 | 20.7 | 31.681 | 3.9 | 25.211 | 3.845 | 0.773 | 11.4 | 3.922 | 0.7 | 3.494 | -0.681 | -11.0 | 3.560 |
| 247742.4 | 842176.5 | 136.9 | 29.499 | 11.153 | 20.7 | 31.537 | 3.9 | 25.096 | 3.825 | 0.769 | 11.4 | 3.901 | 0.7 | 3.372 | -0.663 | -11.1 | 3.437 |
| 247741.5 | 842175.9 | 136.9 | 29.346 | 11.131 | 20.8 | 31.386 | 4.0 | 24.976 | 3.805 | 0.765 | 11.4 | 3.881 | 0.7 | 3.256 | -0.639 | -11.1 | 3.318 |
| 247740.7 | 842175.3 | 136.9 | 29.178 | 11.105 | 20.8 | 31.220 | 4.0 | 24.844 | 3.786 | 0.761 | 11.4 | 3.862 | 0.7 | 3.115 | -0.611 | -11.1 | 3.175 |
| 247739.9 | 842174.7 | 136.9 | 28.999 | 11.075 | 20.9 | 31.042 | 4.1 | 24.702 | 3.767 | 0.758 | 11.4 | 3.843 | 0.6 | 2.956 | -0.580 | -11.1 | 3.013 |
| 247739.1 | 842174.1 | 136.9 | 28.820 | 11.046 | 21.0 | 30.864 | 4.1 | 24.561 | 3.750 | 0.754 | 11.4 | 3.825 | 0.6 | 2.792 | -0.548 | -11.1 | 2.845 |
| 247738.3 | 842173.6 | 137.0 | 28.870 | 11.078 | 21.0 | 30.923 | 4.1 | 24.608 | 3.738 | 0.751 | 11.4 | 3.813 | 0.7 | 2.907 | -0.573 | -11.1 | 2.963 |
| 247737.5 | 842173.0 | 137.0 | 28.985 | 11.128 | 21.0 | 31.048 | 4.1 | 24.707 | 3.728 | 0.747 | 11.3 | 3.802 | 0.7 | 3.097 | -0.613 | -11.2 | 3.157 |
| 247736.6 | 842172.4 | 137.2 | 29.304 | 11.233 | 21.0 | 31.383 | 4.1 | 24.974 | 3.723 | 0.744 | 11.3 | 3.797 | 0.8 | 3.527 | -0.702 | -11.3 | 3.596 |
| 247735.8 | 842171.8 | 137.3 | 29.313 | 11.256 | 21.0 | 31.400 | 4.1 | 24.987 | 3.712 | 0.741 | 11.3 | 3.786 | 0.8 | 3.579 | -0.716 | -11.3 | 3.650 |
| 247735.0 | 842171.2 | 137.2 | 29.079 | 11.213 | 21.1 | 31.166 | 4.1 | 24.801 | 3.696 | 0.737 | 11.3 | 3.769 | 0.8 | 3.335 | -0.672 | -11.4 | 3.402 |
| 247734.2 | 842170.7 | 137.3 | 29.038 | 11.221 | 21.1 | 31.131 | 4.2 | 24.773 | 3.685 | 0.733 | 11.2 | 3.757 | 0.8 | 3.322 | -0.674 | -11.5 | 3.390 |
| 247733.4 | 842170.1 | 137.5 | 29.465 | 11.358 | 21.1 | 31.578 | 4.1 | 25.129 | 3.683 | 0.729 | 11.2 | 3.754 | 0.8 | 3.872 | -0.788 | -11.5 | 3.951 |
| 247732.6 | 842169.5 | 137.4 | 29.213 | 11.310 | 21.2 | 31.326 | 4.2 | 24.929 | 3.665 | 0.725 | 11.2 | 3.736 | 0.8 | 3.610 | -0.741 | -11.6 | 3.685 |
| 247731.8 | 842168.9 | 137.4 | 28.999 | 11.272 | 21.2 | 31.113 | 4.2 | 24.759 | 3.649 | 0.720 | 11.2 | 3.719 | 0.7 | 3.393 | -0.703 | -11.7 | 3.465 |
| 247730.9 | 842168.4 | 137.6 | 29.278 | 11.370 | 21.2 | 31.408 | 4.2 | 24.994 | 3.641 | 0.716 | 11.1 | 3.710 | 0.8 | 3.772 | -0.782 | -11.7 | 3.852 |
| 247730.1 | 842167.8 | 137.6 | 29.070 | 11.334 | 21.3 | 31.201 | 4.3 | 24.829 | 3.621 | 0.711 | 11.1 | 3.691 | 0.7 | 3.572 | -0.746 | -11.8 | 3.649 |
| 247729.3 | 842167.2 | 137.6 | 29.047 | 11.349 | 21.3 | 31.185 | 4.3 | 24.817 | 3.605 | 0.707 | 11.1 | 3.673 | 0.7 | 3.598 | -0.755 | -11.8 | 3.677 |
| 247728.5 | 842166.6 | 137.8 | 29.336 | 11.451 | 21.3 | 31.491 | 4.2 | 25.060 | 3.593 | 0.702 | 11.1 | 3.661 | 0.7 | 4.001 | -0.836 | -11.8 | 4.088 |
| 247727.7 | 842166.0 | 137.8 | 29.227 | 11.443 | 21.4 | 31.388 | 4.3 | 24.977 | 3.571 | 0.697 | 11.0 | 3.639 | 0.7 | 3.939 | -0.825 | -11.8 | 4.025 |
| 247726.9 | 842165.5 | 137.8 | 29.104 | 11.431 | 21.4 | 31.269 | 4.3 | 24.883 | 3.548 | 0.692 | 11.0 | 3.615 | 0.7 | 3.866 | -0.812 | -11.9 | 3.951 |
| 247726.0 | 842164.9 | 137.8 | 28.989 | 11.421 | 21.5 | 31.158 | 4.4 | 24.794 | 3.523 | 0.686 | 11.0 | 3.589 | 0.6 | 3.810 | -0.801 | -11.9 | 3.893 |
| 247725.2 | 842164.3 | 138.0 | 29.129 | 11.484 | 21.5 | 31.311 | 4.4 | 24.917 | 3.502 | 0.681 | 11.0 | 3.568 | 0.6 | 4.062 | -0.849 | -11.8 | 4.149 |
| 247724.4 | 842163.7 | 138.0 | 29.080 | 11.493 | 21.6 | 31.268 | 4.4 | 24.883 | 3.476 | 0.676 | 11.0 | 3.542 | 0.6 | 4.095 | -0.853 | -11.8 | 4.183 |
| 247723.6 | 842163.1 | 138.0 | 29.013 | 11.497 | 21.6 | 31.208 | 4.4 | 24.835 | 3.449 | 0.670 | 11.0 | 3.514 | 0.6 | 4.115 | -0.855 | -11.7 | 4.203 |
| 247722.8 | 842162.6 | 138.1 | 28.895 | 11.487 | 21.7 | 31.094 | 4.5 | 24.744 | 3.420 | 0.664 | 11.0 | 3.484 | 0.6 | 4.080 | -0.845 | -11.7 | 4.167 |
| 247722.0 | 842162.0 | 138.0 | 28.635 | 11.437 | 21.8 | 30.835 | 4.6 | 24.538 | 3.388 | 0.657 | 11.0 | 3.451 | 0.5 | 3.885 | -0.804 | -11.7 | 3.967 |
| 247721.2 | 842161.4 | 138.0 | 28.328 | 11.372 | 21.9 | 30.526 | 4.7 | 24.291 | 3.354 | 0.650 | 11.0 | 3.417 | 0.5 | 3.636 | -0.753 | -11.7 | 3.713 |
| 247720.3 | 842160.8 | 138.0 | 28.025 | 11.308 | 22.0 | 30.220 | 4.8 | 24.049 | 3.320 | 0.643 | 11.0 | 3.382 | 0.5 | 3.393 | -0.703 | -11.7 | 3.465 |
| 247719.5 | 842160.3 | 137.9 | 27.732 | 11.245 | 22.1 | 29.925 | 4.9 | 23.814 | 3.287 | 0.636 | 10.9 | 3.348 | 0.4 | 3.163 | -0.656 | -11.7 | 3.231 |
| 247718.7 | 842159.7 | 137.9 | 27.498 | 11.200 | 22.2 | 29.691 | 4.9 | 23.627 | 3.255 | 0.628 | 10.9 | 3.315 | 0.4 | 3.006 | -0.622 | -11.7 | 3.069 |
| 247717.9 | 842159.1 | 137.9 | 27.266 | 11.154 | 22.2 | 29.459 | 5.0 | 23.443 | 3.223 | 0.621 | 10.9 | 3.282 | 0.4 | 2.850 | -0.590 | -11.7 | 2.911 |
| 247717.1 | 842158.5 | 137.9 | 27.114 | 11.132 | 22.3 | 29.310 | 5.1 | 23.325 | 3.193 | 0.614 | 10.9 | 3.251 | 0.4 | 2.793 | -0.577 | -11.7 | 2.852 |
| 247716.3 | 842157.9 | 138.0 | 27.187 | 11.178 | 22.4 | 29.395 | 5.1 | 23.392 | 3.167 | 0.606 | 10.8 | 3.225 | 0.5 | 3.006 | -0.615 | -11.6 | 3.068 |
| 247715.4 | 842157.4 | 137.9 | 26.904 | 11.117 | 22.5 | 29.111 | 5.2 | 23.165 | 3.136 | 0.599 | 10.8 | 3.192 | 0.4 | 2.791 | -0.573 | -11.6 | 2.849 |
| 247714.6 | 842156.8 | 138.0 | 26.765 | 11.098 | 22.5 | 28.975 | 5.3 | 23.058 | 3.107 | 0.591 | 10.8 | 3.163 | 0.4 | 2.747 | -0.564 | -11.6 | 2.805 |
| 247713.8 | 842156.2 | 138.0 | 26.572 | 11.063 | 22.6 | 28.783 | 5.4 | 22.905 | 3.078 | 0.583 | 10.7 | 3.133 | 0.4 | 2.636 | -0.543 | -11.6 | 2.692 |
| 247713.0 | 842155.6 | 138.0 | 26.398 | 11.034 | 22.7 | 28.611 | 5.5 | 22.768 | 3.050 | 0.575 | 10.7 | 3.104 | 0.4 | 2.548 | -0.527 | -11.7 | 2.601 |
| 247712.2 | 842155.0 | 138.0 | 26.225 | 11.004 | 22.8 | 28.440 | 5.5 | 22.632 | 3.022 | 0.567 | 10.6 | 3.075 | 0.4 | 2.458 | -0.511 | -11.7 | 2.510 |
| 247711.4 | 842154.5 | 138.0 | 26.052 | 10.974 | 22.8 | 28.269 | 5.6 | 22.496 | 2.995 | 0.559 | 10.6 | 3.047 | 0.5 | 2.366 | -0.496 | -11.8 | 2.418 |
| 247710.5 | 842153.9 | 138.0 | 25.935 | 10.962 | 22.9 | 28.156 | 5.7 | 22.406 | 2.969 | 0.550 | 10.5 | 3.020 | 0.5 | 2.341 | -0.493 | -11.9 | 2.393 |
| 247709.7 | 842153.3 | 138.1 | 25.928 | 10.985 | 23.0 | 28.159 | 5.7 | 22.408 | 2.946 | 0.542 | 10.4 | 2.995 | 0.5 | 2.448 | -0.515 | -11.9 | 2.502 |
| 247708.9 | 842152.7 | 138.1 | 25.944 | 11.014 | 23.0 | 28.185 | 5.8 | 22.429 | 2.923 | 0.534 | 10.4 | 2.971 | 0.5 | 2.579 | -0.542 | -11.9 | 2.635 |
| 247708.1 | 842152.2 | 138.2 | 25.799 | 10.993 | 23.1 | 28.044 | 5.9 | 22.316 | 2.897 | 0.526 | 10.3 | 2.945 | 0.5 | 2.516 | -0.534 | -12.0 | 2.572 |
| 247707.3 | 842151.6 | 138.1 | 25.523 | 10.930 | 23.2 | 27.765 | 6.0 | 22.095 | 2.870 | 0.517 | 10.2 | 2.916 | 0.5 | 2.295 | -0.498 | -12.3 | 2.348 |
| 247706.5 | 842151.0 | 138.2 | 25.628 | 10.989 | 23.2 | 27.884 | 6.0 | 22.190 | 2.849 | 0.509 | 10.1 | 2.894 | 0.6 | 2.528 | -0.544 | -12.1 | 2.585 |
| 247705.7 | 842150.4 | 138.3 | 25.731 | 11.048 | 23.2 | 28.002 | 6.0 | 22.283 | 2.828 | 0.501 | 10.0 | 2.872 | 0.6 | 2.755 | -0.588 | -12.1 | 2.817 |
| 247704.8 | 842149.8 | 138.4 | 25.758 | 11.083 | 23.3 | 28.041 | 6.0 | 22.314 | 2.806 | 0.493 | 10.0 | 2.848 | 0.7 | 2.890 | -0.616 | -12.0 | 2.955 |
| 247704.0 | 842149.3 | 138.4 | 25.583 | 11.052 | 23.4 | 27.868 | 6.1 | 22.177 | 2.780 | 0.484 | 9.9 | 2.822 | 0.7 | 2.789 | -0.604 | -12.2 | 2.854 |
| 247703.2 | 842148.7 | 138.4 | 25.372 | 11.009 | 23.5 | 27.657 | 6.2 | 22.009 | 2.754 | 0.474 | 9.8 | 2.794 | 0.7 | 2.646 | -0.584 | -12.5 | 2.710 |

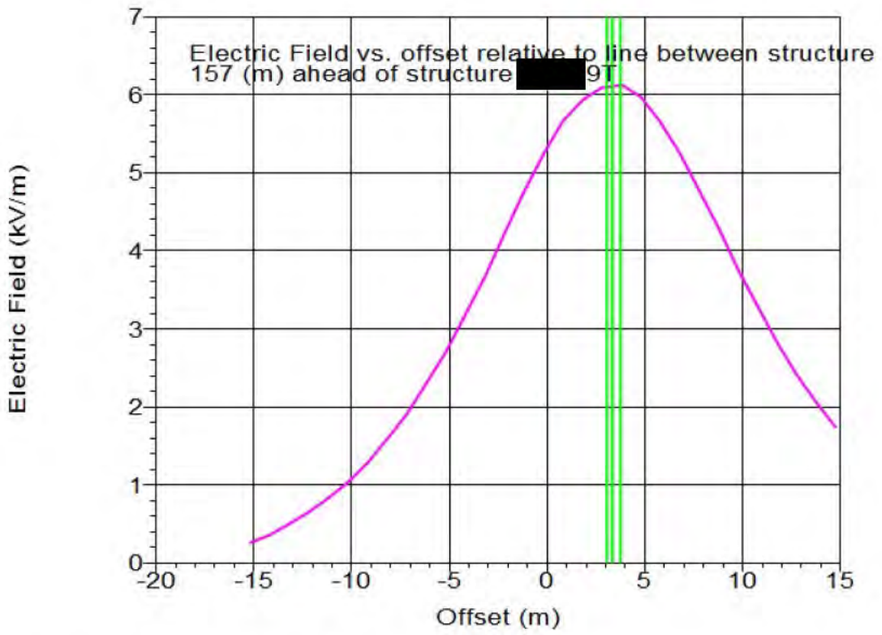
| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247702.4 | 842148.1 | 138.5 | 25.404 | 11.046 | 23.5 | 27.702 | 6.3 | 22.045 | 2.731 | 0.466 | 9.7 | 2.771 | 0.7 | 2.787 | -0.614 | -12.4 | 2.854 |
| 247701.6 | 842147.5 | 138.5 | 25.196 | 11.003 | 23.6 | 27.494 | 6.4 | 21.879 | 2.705 | 0.456 | 9.6 | 2.743 | 0.7 | 2.649 | -0.596 | -12.7 | 2.715 |
| 247700.8 | 842146.9 | 138.5 | 24.922 | 10.938 | 23.7 | 27.217 | 6.5 | 21.659 | 2.678 | 0.446 | 9.5 | 2.714 | 0.7 | 2.435 | -0.567 | -13.1 | 2.500 |
| 247699.9 | 842146.4 | 138.5 | 24.831 | 10.934 | 23.8 | 27.132 | 6.6 | 21.591 | 2.653 | 0.436 | 9.3 | 2.689 | 0.7 | 2.435 | -0.574 | -13.3 | 2.501 |
| 247699.1 | 842145.8 | 138.6 | 24.791 | 10.947 | 23.8 | 27.100 | 6.6 | 21.566 | 2.629 | 0.427 | 9.2 | 2.663 | 0.8 | 2.495 | -0.590 | -13.3 | 2.564 |
| 247698.3 | 842145.2 | 138.6 | 24.735 | 10.955 | 23.9 | 27.052 | 6.7 | 21.528 | 2.604 | 0.417 | 9.1 | 2.637 | 0.8 | 2.538 | -0.604 | -13.4 | 2.609 |
| 247697.5 | 842144.6 | 138.7 | 24.617 | 10.941 | 24.0 | 26.939 | 6.8 | 21.437 | 2.578 | 0.407 | 9.0 | 2.610 | 0.8 | 2.511 | -0.607 | -13.6 | 2.583 |
| 247696.7 | 842144.1 | 138.8 | 24.779 | 11.025 | 24.0 | 27.121 | 6.8 | 21.582 | 2.556 | 0.398 | 8.8 | 2.587 | 0.9 | 2.804 | -0.658 | -13.2 | 2.881 |
| 247695.9 | 842143.5 | 139.0 | 25.103 | 11.165 | 24.0 | 27.474 | 6.7 | 21.863 | 2.538 | 0.390 | 8.7 | 2.567 | 1.2 | 3.273 | -0.735 | -12.7 | 3.354 |
| 247695.1 | 842142.9 | 139.1 | 24.983 | 11.151 | 24.1 | 27.358 | 6.8 | 21.771 | 2.510 | 0.380 | 8.6 | 2.539 | 1.2 | 3.247 | -0.735 | -12.8 | 3.329 |
| 247694.2 | 842142.3 | 139.1 | 24.767 | 11.105 | 24.2 | 27.143 | 7.0 | 21.600 | 2.481 | 0.368 | 8.4 | 2.508 | 1.2 | 3.121 | -0.721 | -13.0 | 3.203 |
| 247693.4 | 842141.7 | 139.1 | 24.640 | 11.089 | 24.2 | 27.020 | 7.1 | 21.502 | 2.453 | 0.357 | 8.3 | 2.479 | 1.2 | 3.093 | -0.721 | -13.1 | 3.176 |
| 247692.6 | 842141.2 | 139.3 | 24.874 | 11.200 | 24.2 | 27.279 | 7.0 | 21.708 | 2.432 | 0.349 | 8.2 | 2.457 | 1.5 | 3.458 | -0.775 | -12.6 | 3.544 |
| 247691.8 | 842140.6 | 139.3 | 24.783 | 11.198 | 24.3 | 27.195 | 7.1 | 21.641 | 2.403 | 0.338 | 8.0 | 2.427 | 1.6 | 3.473 | -0.779 | -12.6 | 3.559 |
| 247691.0 | 842140.0 | 139.3 | 24.453 | 11.110 | 24.4 | 26.859 | 7.3 | 21.374 | 2.370 | 0.326 | 7.8 | 2.392 | 1.5 | 3.237 | -0.749 | -13.0 | 3.323 |
| 247690.2 | 842139.4 | 139.2 | 24.193 | 11.045 | 24.5 | 26.595 | 7.4 | 21.164 | 2.338 | 0.313 | 7.6 | 2.359 | 1.5 | 3.078 | -0.730 | -13.3 | 3.163 |
| 247689.3 | 842138.8 | 139.3 | 24.073 | 11.031 | 24.6 | 26.480 | 7.5 | 21.072 | 2.308 | 0.302 | 7.5 | 2.328 | 1.6 | 3.071 | -0.730 | -13.4 | 3.156 |
| 247688.5 | 842138.3 | 139.3 | 23.946 | 11.014 | 24.7 | 26.357 | 7.7 | 20.974 | 2.278 | 0.290 | 7.3 | 2.296 | 1.6 | 3.058 | -0.729 | -13.4 | 3.144 |
| 247687.7 | 842137.7 | 139.3 | 23.792 | 10.987 | 24.8 | 26.206 | 7.8 | 20.854 | 2.247 | 0.278 | 7.1 | 2.264 | 1.7 | 3.019 | -0.724 | -13.5 | 3.105 |
| 247686.9 | 842137.1 | 139.3 | 23.660 | 10.968 | 24.9 | 26.078 | 7.9 | 20.752 | 2.216 | 0.267 | 6.9 | 2.232 | 1.8 | 3.004 | -0.721 | -13.5 | 3.090 |
| 247686.1 | 842136.5 | 139.4 | 23.581 | 10.968 | 24.9 | 26.006 | 8.0 | 20.695 | 2.187 | 0.256 | 6.7 | 2.201 | 1.9 | 3.045 | -0.723 | -13.4 | 3.130 |
| 247685.3 | 842136.0 | 139.5 | 23.525 | 10.976 | 25.0 | 25.960 | 8.1 | 20.658 | 2.157 | 0.245 | 6.5 | 2.171 | 2.1 | 3.111 | -0.727 | -13.1 | 3.195 |
| 247684.4 | 842135.4 | 139.4 | 23.280 | 10.914 | 25.1 | 25.711 | 8.2 | 20.460 | 2.124 | 0.232 | 6.2 | 2.137 | 2.1 | 2.982 | -0.709 | -13.4 | 3.065 |
| 247683.6 | 842134.8 | 139.5 | 23.118 | 10.882 | 25.2 | 25.551 | 8.3 | 20.333 | 2.093 | 0.219 | 6.0 | 2.105 | 2.2 | 2.940 | -0.700 | -13.4 | 3.022 |
| 247682.8 | 842134.2 | 139.5 | 22.925 | 10.837 | 25.3 | 25.358 | 8.5 | 20.179 | 2.061 | 0.207 | 5.7 | 2.072 | 2.3 | 2.867 | -0.687 | -13.5 | 2.948 |
| 247682.0 | 842133.6 | 139.5 | 22.723 | 10.789 | 25.4 | 25.154 | 8.6 | 20.017 | 2.029 | 0.194 | 5.5 | 2.039 | 2.4 | 2.785 | -0.674 | -13.6 | 2.865 |
| 247681.2 | 842133.1 | 139.5 | 22.559 | 10.755 | 25.5 | 24.992 | 8.8 | 19.888 | 1.999 | 0.182 | 5.2 | 2.007 | 2.5 | 2.741 | -0.663 | -13.6 | 2.820 |
| 247680.4 | 842132.5 | 139.5 | 22.373 | 10.711 | 25.6 | 24.805 | 8.9 | 19.739 | 1.967 | 0.170 | 4.9 | 1.975 | 2.6 | 2.675 | -0.649 | -13.6 | 2.753 |
| 247679.6 | 842131.9 | 139.5 | 22.206 | 10.675 | 25.7 | 24.639 | 9.1 | 19.607 | 1.937 | 0.158 | 4.7 | 1.943 | 2.7 | 2.628 | -0.636 | -13.6 | 2.704 |
| 247678.7 | 842131.3 | 139.5 | 22.037 | 10.637 | 25.8 | 24.470 | 9.2 | 19.472 | 1.906 | 0.146 | 4.4 | 1.912 | 2.9 | 2.578 | -0.623 | -13.6 | 2.652 |
| 247677.9 | 842130.7 | 139.5 | 21.867 | 10.598 | 25.9 | 24.300 | 9.3 | 19.337 | 1.876 | 0.135 | 4.1 | 1.881 | 3.1 | 2.526 | -0.608 | -13.5 | 2.598 |
| 247677.1 | 842130.2 | 139.5 | 21.679 | 10.551 | 26.0 | 24.110 | 9.5 | 19.186 | 1.846 | 0.124 | 3.8 | 1.850 | 3.2 | 2.456 | -0.592 | -13.6 | 2.526 |
| 247676.3 | 842129.6 | 139.6 | 21.556 | 10.530 | 26.0 | 23.990 | 9.6 | 19.091 | 1.817 | 0.115 | 3.6 | 1.821 | 3.5 | 2.447 | -0.578 | -13.3 | 2.514 |
| 247675.5 | 842129.0 | 139.5 | 21.309 | 10.458 | 26.1 | 23.737 | 9.8 | 18.889 | 1.786 | 0.103 | 3.3 | 1.789 | 3.5 | 2.319 | -0.558 | -13.5 | 2.385 |
| 247674.7 | 842128.4 | 139.5 | 21.011 | 10.363 | 26.3 | 23.428 | 10.0 | 18.643 | 1.755 | 0.091 | 3.0 | 1.757 | 3.5 | 2.143 | -0.538 | -14.1 | 2.209 |
| 247673.8 | 842127.9 | 139.5 | 20.849 | 10.324 | 26.3 | 23.266 | 10.2 | 18.514 | 1.726 | 0.084 | 2.8 | 1.728 | 3.7 | 2.095 | -0.521 | -14.0 | 2.159 |
| 247673.0 | 842127.3 | 139.5 | 20.687 | 10.285 | 26.4 | 23.103 | 10.3 | 18.385 | 1.698 | 0.078 | 2.6 | 1.700 | 4.0 | 2.047 | -0.503 | -13.8 | 2.108 |
| 247672.2 | 842126.7 | 139.4 | 20.325 | 10.159 | 26.6 | 22.722 | 10.6 | 18.082 | 1.666 | 0.067 | 2.3 | 1.667 | 3.7 | 1.810 | -0.484 | -15.0 | 1.873 |
| 247671.4 | 842126.1 | 139.4 | 20.058 | 10.073 | 26.7 | 22.445 | 10.8 | 17.861 | 1.636 | 0.061 | 2.1 | 1.637 | 3.7 | 1.663 | -0.468 | -15.7 | 1.728 |
| 247670.6 | 842125.5 | 139.3 | 19.795 | 9.987 | 26.8 | 22.172 | 11.0 | 17.644 | 1.607 | 0.059 | 2.1 | 1.608 | 3.7 | 1.521 | -0.452 | -16.6 | 1.586 |
| 247669.8 | 842125.0 | 139.3 | 19.560 | 9.911 | 26.9 | 21.928 | 11.2 | 17.449 | 1.578 | 0.061 | 2.2 | 1.579 | 3.7 | 1.404 | -0.438 | -17.3 | 1.471 |
| 247669.0 | 842124.4 | 139.3 | 19.443 | 9.887 | 27.0 | 21.813 | 11.3 | 17.358 | 1.551 | 0.071 | 2.6 | 1.553 | 4.1 | 1.398 | -0.422 | -16.8 | 1.460 |
| 247668.1 | 842123.8 | 139.4 | 19.403 | 9.897 | 27.0 | 21.781 | 11.4 | 17.333 | 1.526 | 0.084 | 3.2 | 1.529 | 4.7 | 1.460 | -0.402 | -15.4 | 1.515 |
| 247667.3 | 842123.2 | 139.5 | 19.425 | 9.934 | 27.1 | 21.817 | 11.5 | 17.362 | 1.503 | 0.101 | 3.8 | 1.506 | 5.6 | 1.575 | -0.378 | -13.5 | 1.620 |
| 247666.5 | 842122.6 | 139.6 | 19.290 | 9.901 | 27.2 | 21.683 | 11.7 | 17.255 | 1.477 | 0.112 | 4.3 | 1.481 | 6.0 | 1.549 | -0.360 | -13.1 | 1.591 |
| 247665.7 | 842122.1 | 139.6 | 19.161 | 9.871 | 27.3 | 21.554 | 11.8 | 17.152 | 1.451 | 0.124 | 4.9 | 1.456 | 6.4 | 1.528 | -0.342 | -12.6 | 1.566 |
| 247664.9 | 842121.5 | 139.8 | 19.250 | 9.939 | 27.3 | 21.664 | 11.9 | 17.240 | 1.429 | 0.143 | 5.7 | 1.437 | 7.7 | 1.693 | -0.310 | -10.4 | 1.722 |
| 247664.1 | 842120.9 | 139.8 | 19.080 | 9.890 | 27.4 | 21.491 | 12.0 | 17.102 | 1.403 | 0.154 | 6.3 | 1.411 | 8.1 | 1.637 | -0.295 | -10.2 | 1.663 |
| 247663.2 | 842120.3 | 139.8 | 18.865 | 9.819 | 27.5 | 21.268 | 12.2 | 16.924 | 1.375 | 0.165 | 6.8 | 1.385 | 8.3 | 1.545 | -0.285 | -10.5 | 1.571 |
| 247662.4 | 842119.7 | 139.7 | 18.511 | 9.683 | 27.6 | 20.891 | 12.5 | 16.624 | 1.344 | 0.172 | 7.3 | 1.355 | 7.8 | 1.339 | -0.293 | -12.3 | 1.371 |
| 247661.6 | 842119.2 | 139.7 | 18.354 | 9.637 | 27.7 | 20.730 | 12.7 | 16.496 | 1.318 | 0.185 | 8.0 | 1.331 | 8.1 | 1.300 | -0.285 | -12.4 | 1.331 |
| 247660.8 | 842118.6 | 139.7 | 18.140 | 9.563 | 27.8 | 20.507 | 12.9 | 16.319 | 1.290 | 0.197 | 8.7 | 1.305 | 8.2 | 1.217 | -0.287 | -13.3 | 1.250 |
| 247660.0 | 842118.0 | 139.7 | 18.005 | 9.526 | 27.9 | 20.370 | 13.1 | 16.210 | 1.264 | 0.211 | 9.5 | 1.282 | 8.7 | 1.200 | -0.283 | -13.3 | 1.233 |
| 247659.2 | 842117.4 | 139.8 | 17.881 | 9.494 | 28.0 | 20.246 | 13.2 | 16.111 | 1.239 | 0.225 | 10.3 | 1.259 | 9.2 | 1.195 | -0.281 | -13.2 | 1.227 |
| 247658.3 | 842116.9 | 139.8 | 17.738 | 9.452 | 28.1 | 20.099 | 13.4 | 15.994 | 1.213 | 0.239 | 11.2 | 1.236 | 9.6 | 1.175 | -0.284 | -13.6 | 1.209 |
| 247657.5 | 842116.3 | 139.8 | 17.513 | 9.371 | 28.1 | 19.863 | 13.6 | 15.806 | 1.185 | 0.252 | 12.0 | 1.211 | 9.5 | 1.095 | -0.304 | -15.5 | 1.137 |
| 247656.7 | 842115.7 | 139.8 | 17.276 | 9.282 | 28.2 | 19.611 | 13.9 | 15.606 | 1.157 | 0.265 | 12.9 | 1.187 | 9.2 | 1.009 | -0.332 | -18.2 | 1.062 |
| 247655.9 | 842115.1 | 139.7 | 16.999 | 9.172 | 28.4 | 19.315 | 14.1 | 15.371 | 1.128 | 0.277 | 13.8 | 1.162 | 8.6 | 0.896 | -0.374 | -22.6 | 0.971 |
| 247655.1 | 842114.5 | 139.8 | 16.902 | 9.150 | 28.4 | 19.220 | 14.3 | 15.295 | 1.103 | 0.293 | 14.9 | 1.141 | 9.2 | 0.925 | -0.388 | -22.8 | 1.003 |
| 247654.3 | 842114.0 | 139.8 | 16.762 | 9.106 | 28.5 | 19.076 | 14.5 | 15.180 | 1.077 | 0.309 | 16.0 | 1.120 | 9.4 | 0.923 | -0.415 | -24.2 | 1.013 |
| 247653.5 | 842113.4 | 139.8 | 16.509 | 9.006 | 28.6 | 18.805 | 14.7 | 14.965 | 1.048 | 0.323 | 17.1 | 1.097 | 8.8 | 0.841 | -0.472 | -29.3 | 0.964 |
| 247652.6 | 842112.8 | 139.8 | 16.331 | 8.942 | 28.7 | 18.619 | 14.9 | 14.817 | 1.022 | 0.339 | 18.3 | 1.076 | 8.6 | 0.818 | -0.519 | -32.4 | 0.969 |
| 247651.8 | 842112.2 | 139.8 | 16.144 | 8.873 | 28.8 | 18.422 | 15.2 | 14.659 | 0.995 | 0.355 | 19.6 | 1.056 | 8.3 | 0.791 | -0.575 | -36.0 | 0.978 |
| 247651.0 | 842111.6 | 139.8 | 15.976 | 8.812 | 28.9 | 18.245 | 15.4 | 14.519 | 0.968 | 0.372 | 21.0 | 1.037 | 8.1 | 0.781 | -0.633 | -39.0 | 1.005 |
| 247650.2 | 842111.1 | 139.8 | 15.832 | 8.763 | 29.0 | 18.096 | 15.6 | 14.400 | 0.942 | 0.389 | 22.4 | 1.019 | 8.0 | 0.790 | -0.690 | -41.1 | 1.049 |
| 247649.4 | 842110.5 | 139.9 | 15.694 | 8.718 | 29.1 | 17.953 | 15.8 | 14.286 | 0.917 | 0.406 | 23.9 | 1.003 | 8.0 | 0.806 | -0.751 | -43.0 | 1.102 |
| 247648.6 | 842109.9 | 140.0 | 15.623 | 8.706 | 29.1 | 17.885 | 16.0 | 14.232 | 0.892 | 0.425 | 25.5 | 0.988 | 8.4 | 0.868 | -0.797 | -42.6 | 1.178 |
| 247647.7 | 842109.3 | 140.1 | 15.563 | 8.700 | 29.2 | 17.830 | 16.1 | 14.189 | 0.867 | 0.444 | 27.1 | 0.974 | 8.8 | 0.936 | -0.843 | -42.0 | 1.260 |
| 247646.9 | 842108.8 | 140.1 | 15.490 | 8.687 | 29.3 | 17.759 | 16.3 | 14.133 | 0.842 | 0.462 | 28.8 | 0.961 | 9.0 | 0.995 | -0.896 | -42.0 | 1.339 |
| 247646.1 | 842108.2 | 140.3 | 15.461 | 8.698 | 29.4 | 17.739 | 16.5 | 14.117 | 0.819 | 0.482 | 30.5 | 0.950 | 9.6 | 1.081 | -0.935 | -40.9 | 1.429 |
| 247645.3 | 842107.6 | 140.6 | 15.680 | 8.840 | 29.4 | 18.001 | 16.5 | 14.324 | 0.800 | 0.502 | 32.1 | 0.945 | 12.7 | 1.310 | -0.887 | -34.1 | 1.582 |
| 247644.5 | 842107.0 | 140.8 | 15.857 | 8.960 | 29.5 | 18.214 | 16.6 | 14.494 | 0.783 | 0.523 | 33.8 | 0.941 | 15.7 | 1.500 | -0.850 | -29.5 | 1.724 |
| 247643.7 | 842106.4 | 140.9 | 15.710 | 8.910 | 29.6 | 18.061 | 16.8 | 14.373 | 0.757 | 0.542 | 35.6 | 0.931 | 15.0 | 1.505 | -0.929 | -31.7 | 1.769 |
| 247642.9 | 842105.9 | 140.9 | 15.522 | 8.838 | 29.7 | 17.862 | 17.1 | 14.214 | 0.731 | 0.561 | 37.5 | 0.921 | 13.6 | 1.488 | -1.027 | -34.6 | 1.808 |
| 247642.0 | 842105.3 | 141.0 | 15.504 | 8.857 | 29.7 | 17.856 | 17.3 | 14.209 | 0.709 | 0.580 | 39.3 | 0.916 | 14.3 | 1.560 | -1.058 | -34.1 | 1.886 |
| 247641.2 | 842104.7 | 141.3 | 15.628 | 8.953 | 29.8 | 18.011 | 17.4 | 14.332 | 0.692 | 0.601 | 40.9 | 0.916 | 16.9 | 1.698 | -1.028 | -31.2 | 1.985 |
| 247640.4 | 842104.1 | 141.6 | 15.840 | 9.097 | 29.9 | 18.266 | 17.5 | 14.536 | 0.680 | 0.621 | 42.4 | 0.921 | 21.0 | 1.867 | -0.953 | -27.0 | 2.096 |
| 247639.6 | 842103.5 | 141.9 | 16.118 | 9.280 | 29.9 | 18.599 | 17.5 | 14.801 | 0.674 | 0.643 | 43.6 | 0.932 | 26.2 | 2.051 | -0.841 | -22.3 | 2.217 |
| 247638.8 | 842103.0 | 142.2 | 16.311 | 9.418 | 30.0 | 18.834 | 17.6 | 14.988 | 0.667 | 0.664 | 44.9 | 0.941 | 30.2 | 2.182 | -0.758 | -19.2 | 2.310 |
| 247638.0 | 842102.4 | 142.7 | 16.752 | 9.694 | 30.1 | 19.355 | 17.6 | 15.402 | 0.677 | 0.687 | 45.4 | 0.964 | 37.8 | 2.398 | -0.558 | -13.1 | 2.462 |
| 247637.1 | 842101.8 | 143.0 | 17.012 | 9.873 | 30.1 | 19.669 | 17.7 | 15.652 | 0.680 | 0.709 | 46.2 | 0.982 | 42.9 | 2.524 | -0.427 | -9.6 | 2.560 |
| 247636.3 | 842101.2 | 143.0 | 16.763 | 9.773 | 30.2 | 19.404 | 18.0 | 15.441 | 0.650 | 0.724 | 48.1 | 0.974 | 40.9 | 2.454 | -0.514 | -11.8 | 2.508 |
| 247635.5 | 842100.7 | 143.0 | 16.643 | 9.746 | 30.4 | 19.287 | 18.3 | 15.348 | 0.630 | 0.741 | 49.6 | 0.973 | 40.7 | 2.430 | -0.541 | -12.5 | 2.490 |
| 247634.7 | 842100.1 | 143.3 | 16.730 | 9.833 | 30.4 | 19.406 | 18.4 | 15.443 | 0.624 | 0.760 | 50.6 | 0.984 | 43.4 | 2.473 | -0.465 | -10.7 | 2.516 |
| 247633.9 | 842099.5 | 143.4 | 16.665 | 9.837 | 30.6 | 19.351 | 18.7 | 15.399 | 0.609 | 0.777 | 51.9 | 0.987 | 43.9 | 2.458 | -0.456 | -10.5 | 2.500 |
| 247633.1 | 842098.9 | 143.5 | 16.631 | 9.859 | 30.7 | 19.334 | 18.9 | 15.385 | 0.597 | 0.794 | 53.1 | 0.993 | 44.7 | 2.449 | -0.426 | -9.9 | 2.486 |
| 247632.2 | 842098.3 | 143.6 | 16.517 | 9.837 | 30.8 | 19.225 | 19.2 | 15.299 | 0.579 | 0.810 | 54.4 | 0.995 | 44.4 | 2.412 | -0.432 | -10.1 | 2.450 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247631.4 | 842097.8 | 143.6 | 16.372 | 9.797 | 30.9 | 19.080 | 19.5 | 15.183 | 0.559 | 0.824 | 55.9 | 0.996 | 43.5 | 2.363 | -0.451 | -10.8 | 2.405 |
| 247630.6 | 842097.2 | 143.6 | 16.202 | 9.743 | 31.0 | 18.905 | 19.8 | 15.044 | 0.537 | 0.839 | 57.4 | 0.996 | 42.1 | 2.304 | -0.482 | -11.8 | 2.354 |
| 247629.8 | 842096.6 | 143.7 | 16.043 | 9.695 | 31.1 | 18.745 | 20.1 | 14.917 | 0.517 | 0.853 | 58.8 | 0.997 | 40.9 | 2.247 | -0.507 | -12.7 | 2.304 |
| 247629.0 | 842096.0 | 143.8 | 16.048 | 9.742 | 31.3 | 18.774 | 20.3 | 14.940 | 0.510 | 0.869 | 59.6 | 1.007 | 42.0 | 2.229 | -0.435 | -11.0 | 2.271 |
| 247628.2 | 842095.4 | 143.9 | 15.955 | 9.733 | 31.4 | 18.689 | 20.6 | 14.873 | 0.494 | 0.883 | 60.8 | 1.012 | 41.5 | 2.182 | -0.419 | -10.9 | 2.222 |
| 247627.4 | 842094.9 | 144.0 | 15.894 | 9.742 | 31.5 | 18.642 | 20.8 | 14.835 | 0.482 | 0.897 | 61.8 | 1.019 | 41.4 | 2.139 | -0.382 | -10.1 | 2.173 |
| 247626.5 | 842094.3 | 144.0 | 15.831 | 9.749 | 31.6 | 18.592 | 21.1 | 14.795 | 0.469 | 0.912 | 62.8 | 1.025 | 41.1 | 2.091 | -0.348 | -9.4 | 2.120 |
| 247625.7 | 842093.7 | 144.1 | 15.746 | 9.743 | 31.7 | 18.517 | 21.3 | 14.735 | 0.454 | 0.926 | 63.9 | 1.031 | 40.3 | 2.035 | -0.328 | -9.2 | 2.062 |
| 247624.9 | 842093.1 | 144.1 | 15.710 | 9.766 | 31.9 | 18.498 | 21.5 | 14.720 | 0.444 | 0.941 | 64.7 | 1.040 | 40.0 | 1.986 | -0.281 | -8.1 | 2.006 |
| 247624.1 | 842092.6 | 144.2 | 15.666 | 9.782 | 32.0 | 18.470 | 21.7 | 14.698 | 0.432 | 0.955 | 65.7 | 1.048 | 39.5 | 1.931 | -0.243 | -7.2 | 1.946 |
| 247623.3 | 842092.0 | 144.2 | 15.632 | 9.803 | 32.1 | 18.452 | 21.9 | 14.684 | 0.420 | 0.971 | 66.6 | 1.058 | 38.8 | 1.875 | -0.204 | -6.2 | 1.886 |
| 247622.5 | 842091.4 | 144.3 | 15.619 | 9.836 | 32.2 | 18.458 | 22.1 | 14.688 | 0.410 | 0.987 | 67.4 | 1.068 | 38.2 | 1.818 | -0.157 | -4.9 | 1.825 |
| 247621.6 | 842090.8 | 144.3 | 15.638 | 9.887 | 32.3 | 18.501 | 22.2 | 14.723 | 0.402 | 1.003 | 68.2 | 1.081 | 37.8 | 1.763 | -0.096 | -3.1 | 1.765 |

Max BF along centerline is 41.708 (uT) at 157.000 (m) from structure [redacted]-9T

Cross section results at max BF along centerline between structures [redacted]-9T and [redacted]/[redacted]-10






3D EMF Point Results Span from [redacted]-9T to [redacted]-10:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 247839.2 | 842226.5 | 138.4 | 13.109 | 6.281 | 25.6 | 14.536 | 11.7 | 11.568 | 0.226 | 0.130 | 29.9 | 0.260 | 4.1 | 0.149 | -0.091 | -31.5 | 0.174 |
| 247838.7 | 842227.4 | 138.4 | 14.100 | 6.631 | 25.2 | 15.582 | 11.9 | 12.400 | 0.325 | 0.175 | 28.3 | 0.369 | 3.5 | 0.262 | -0.142 | -28.4 | 0.298 |
| 247838.1 | 842228.2 | 138.4 | 15.171 | 6.992 | 24.7 | 16.705 | 11.9 | 13.293 | 0.445 | 0.225 | 26.8 | 0.499 | 3.2 | 0.394 | -0.195 | -26.3 | 0.439 |
| 247837.5 | 842229.0 | 138.4 | 16.332 | 7.365 | 24.3 | 17.916 | 11.9 | 14.257 | 0.589 | 0.280 | 25.4 | 0.652 | 3.0 | 0.544 | -0.249 | -24.6 | 0.598 |
| 247836.9 | 842229.8 | 138.3 | 17.535 | 7.723 | 23.8 | 19.160 | 11.8 | 15.247 | 0.759 | 0.338 | 24.0 | 0.831 | 2.8 | 0.674 | -0.286 | -23.0 | 0.732 |
| 247836.3 | 842230.6 | 138.3 | 18.931 | 8.131 | 23.2 | 20.603 | 11.7 | 16.395 | 0.962 | 0.401 | 22.6 | 1.042 | 2.8 | 0.885 | -0.350 | -21.6 | 0.952 |
| 247835.8 | 842231.4 | 138.3 | 20.463 | 8.556 | 22.7 | 22.179 | 11.4 | 17.650 | 1.202 | 0.468 | 21.3 | 1.290 | 2.8 | 1.144 | -0.421 | -20.2 | 1.219 |
| 247835.2 | 842232.2 | 138.4 | 22.174 | 9.008 | 22.1 | 23.934 | 11.2 | 19.046 | 1.483 | 0.537 | 19.9 | 1.577 | 2.8 | 1.487 | -0.509 | -18.9 | 1.572 |
| 247834.6 | 842233.1 | 138.5 | 24.111 | 9.496 | 21.5 | 25.914 | 10.8 | 20.621 | 1.809 | 0.608 | 18.6 | 1.909 | 3.0 | 1.964 | -0.625 | -17.7 | 2.061 |
| 247834.0 | 842233.9 | 138.4 | 26.003 | 9.919 | 20.9 | 27.831 | 10.2 | 22.147 | 2.181 | 0.677 | 17.2 | 2.284 | 2.8 | 2.326 | -0.682 | -16.3 | 2.424 |
| 247833.5 | 842234.7 | 138.4 | 28.073 | 10.358 | 20.3 | 29.923 | 9.6 | 23.812 | 2.603 | 0.745 | 16.0 | 2.707 | 2.7 | 2.783 | -0.751 | -15.1 | 2.883 |
| 247832.9 | 842235.5 | 138.4 | 30.280 | 10.799 | 19.6 | 32.148 | 8.8 | 25.582 | 3.071 | 0.809 | 14.8 | 3.175 | 2.6 | 3.315 | -0.822 | -13.9 | 3.415 |
| 247832.3 | 842236.3 | 138.4 | 32.570 | 11.227 | 19.0 | 34.451 | 7.8 | 27.415 | 3.577 | 0.868 | 13.6 | 3.681 | 2.5 | 3.893 | -0.888 | -12.8 | 3.993 |
| 247831.7 | 842237.1 | 138.5 | 34.891 | 11.637 | 18.4 | 36.780 | 6.8 | 29.269 | 4.108 | 0.919 | 12.6 | 4.210 | 2.3 | 4.502 | -0.947 | -11.9 | 4.601 |
| 247831.1 | 842238.0 | 138.5 | 37.164 | 12.021 | 17.9 | 39.060 | 5.6 | 31.083 | 4.639 | 0.964 | 11.7 | 4.738 | 2.1 | 5.116 | -0.997 | -11.0 | 5.212 |
| 247830.6 | 842238.8 | 138.5 | 39.306 | 12.376 | 17.5 | 41.208 | 4.3 | 32.792 | 5.140 | 1.000 | 11.0 | 5.236 | 1.8 | 5.717 | -1.044 | -10.3 | 5.812 |
| 247830.0 | 842239.6 | 138.5 | 41.158 | 12.687 | 17.1 | 43.069 | 3.0 | 34.273 | 5.570 | 1.030 | 10.5 | 5.664 | 1.6 | 6.225 | -1.080 | -9.8 | 6.318 |
| 247829.4 | 842240.4 | 138.3 | 41.504 | 12.742 | 17.1 | 43.416 | 1.6 | 34.550 | 5.850 | 1.054 | 10.2 | 5.944 | 1.2 | 5.538 | -0.917 | -9.4 | 5.613 |
| 247828.8 | 842241.2 | 138.2 | 41.848 | 12.848 | 17.1 | 43.776 | 1.1 | 34.836 | 6.001 | 1.074 | 10.1 | 6.097 | 1.1 | 5.181 | -0.841 | -9.2 | 5.249 |
| 247828.2 | 842242.0 | 138.4 | 43.097 | 13.177 | 17.0 | 45.066 | 2.2 | 35.863 | 6.036 | 1.092 | 10.3 | 6.134 | 1.4 | 6.105 | -1.019 | -9.5 | 6.190 |
| 247827.7 | 842242.9 | 138.3 | 42.665 | 13.241 | 17.2 | 44.672 | 3.6 | 35.549 | 5.869 | 1.104 | 10.7 | 5.972 | 1.5 | 5.776 | -0.998 | -9.8 | 5.862 |
| 247827.1 | 842243.7 | 138.2 | 41.160 | 13.136 | 17.7 | 43.205 | 5.0 | 34.381 | 5.541 | 1.111 | 11.3 | 5.651 | 1.6 | 4.764 | -0.861 | -10.2 | 4.841 |
| 247826.5 | 842244.5 | 138.2 | 39.984 | 13.126 | 18.2 | 42.084 | 6.4 | 33.489 | 5.125 | 1.110 | 12.2 | 5.244 | 1.8 | 4.402 | -0.858 | -11.0 | 4.485 |
| 247825.9 | 842245.3 | 138.3 | 38.838 | 13.150 | 18.7 | 41.004 | 7.9 | 32.630 | 4.646 | 1.101 | 13.3 | 4.775 | 2.3 | 4.333 | -0.931 | -12.1 | 4.432 |
| 247825.4 | 842246.1 | 138.3 | 37.191 | 13.072 | 19.4 | 39.422 | 9.2 | 31.371 | 4.127 | 1.081 | 14.7 | 4.266 | 2.7 | 3.955 | -0.940 | -13.4 | 4.065 |
| 247824.8 | 842246.9 | 138.3 | 35.328 | 12.932 | 20.1 | 37.621 | 10.3 | 29.938 | 3.605 | 1.049 | 16.2 | 3.754 | 3.0 | 3.480 | -0.918 | -14.8 | 3.599 |
| 247824.2 | 842247.7 | 138.3 | 33.101 | 12.659 | 20.9 | 35.439 | 11.3 | 28.202 | 3.102 | 1.005 | 18.0 | 3.261 | 3.0 | 2.700 | -0.781 | -16.1 | 2.811 |
| 247823.6 | 842248.6 | 138.2 | 31.077 | 12.402 | 21.8 | 33.460 | 12.1 | 26.627 | 2.641 | 0.953 | 19.8 | 2.808 | 3.0 | 2.135 | -0.678 | -17.6 | 2.241 |
| 247823.0 | 842249.4 | 138.4 | 29.671 | 12.319 | 22.5 | 32.127 | 13.0 | 25.566 | 2.233 | 0.896 | 21.9 | 2.407 | 3.8 | 2.173 | -0.784 | -19.8 | 2.310 |
| 247822.5 | 842250.2 | 138.4 | 28.014 | 12.110 | 23.4 | 30.519 | 13.7 | 24.286 | 1.871 | 0.833 | 24.0 | 2.048 | 4.2 | 1.904 | -0.764 | -21.9 | 2.052 |
| 247821.9 | 842251.0 | 138.4 | 26.239 | 11.798 | 24.2 | 28.770 | 14.0 | 22.894 | 1.554 | 0.766 | 26.2 | 1.733 | 4.0 | 1.457 | -0.637 | -23.6 | 1.590 |

PLS-CADD Version 20.00x64  14:28:23 10 October 2024
M Group Services Limited - UK
Project Name: 'D:\SSE ASTI PLS CADD Models\LT459 Fanellan Temp 08102024\FNLN4-LT459-MES-OHLTA-ZZ-M-EO-7601-P04.1.don'
Line Title: 'Temp Diversion - PLS TOWERS updated'

3D EMF Calculation Notes:
  1) Calculations based on the EPRI Red Book methods (3rd Edition, 2005 - 7.4 Calculation of Magnetic Fields and Appendices 7.1 Calculation of Field Ellipse Parameters and 7.6 Electric Field Calculations for 3D Geometry).
  2) All wire positions are modeled at the specified weather case and wind direction. Height above ground determined by the modeled ground TIN.
  3) Only the effects of wires are being analyzed. The effects of structures are not included unless enabled as noted below.
  4) Ground return is being ignored for magnetic field calculations.

Meter height above ground: 1.00 (m)
Maximum wire distance: 150.00 (m)
Maximum cable segment size: 3.00 (m)
Cross section offset +/-: 15.20 (m)
Result interval: 1.00 (m)
Electric field limit: 9.00 (kV/m)
Magnetic field limit: 360.00 (uT)
Space potential limit: 0.00 (kV)
Contour Map Spacing: 3 (m)
Analyzing spans between these structures: [redacted]/[redacted]-4 - [redacted]/[redacted]-11, [redacted]-6T - [redacted]-9T

One or more sections have wind from both directions which is not supported. A wind direction of left is being used for those sections.

**Section Data for 3D EMF Results:**

| Section Number | Section Note | Voltage Ph-Ph (kV) | Current (Amps) | Cable Filename | Cable Description | Conductors Per Phase | Bundle Diameter (cm) | Cable Radius (cm) | Weather Case | Condition | Wind Dir. | WC Temperature (deg C) | Effective Radius (cm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 2 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 3 | | 0.0 | 0.0 | AACSR OPGW | OPGW Data Sheet | 1 | 0.000 | 1.190 | 10°C | Creep FE | Left | 10.000 | 1.190 |
| 5 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 6 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 7 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 9 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 10 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 11 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 13 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 14 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 15 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 17 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 18 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 19 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 21 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 22 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 23 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 25 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 26 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |
| 27 | | 400.0 | 3400.0 | Lamifil_700mm_aaac_araucaria_HC_RTS | HC - 700mm² AAAC - Araucaria - RTS | 2 | 50.000 | 1.863 | 90°C | Creep FE | Left | 90.000 | 9.651 |

Centerline results between structures [redacted]/[redacted]-4 and [redacted]/[redacted]-5

**3D EMF Point Results Centerline from [redacted]/[redacted]-4 to [redacted]/[redacted]-5:**

| Measurement X (m) | Measurement Y (m) | Measurement Z (m) | B Real (uT) | B Imaginary (uT) | B Angle (deg) | B Magnitude (uT) | B Polarization Axial Ratio % | H Magnitude (A/m) | EF Real (kV/m) | EF Imaginary (kV/m) | EF Angle (deg) | EF Magnitude (kV/m) | EF Polarization Axial Ratio % | Space Potential Real (kV) | Space Potential Imaginary (kV) | Space Potential Angle (deg) | Space Potential Magnitude (kV) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249438.0 | 843965.0 | 38.7 | 9.680 | 6.217 | 32.7 | 11.504 | 16.4 | 9.155 | 0.124 | 0.592 | 78.1 | 0.605 | 20.3 | 0.029 | 0.970 | 88.3 | 0.970 |
| 249437.3 | 843964.3 | 38.6 | 9.540 | 6.143 | 32.8 | 11.347 | 16.5 | 9.030 | 0.113 | 0.581 | 79.0 | 0.592 | 19.3 | 0.061 | 0.885 | 86.0 | 0.887 |
| 249436.6 | 843963.6 | 38.5 | 9.436 | 6.094 | 32.9 | 11.233 | 16.8 | 8.939 | 0.106 | 0.575 | 79.6 | 0.585 | 18.3 | 0.088 | 0.810 | 83.8 | 0.815 |
| 249435.9 | 843962.8 | 38.4 | 9.374 | 6.074 | 32.9 | 11.170 | 17.2 | 8.888 | 0.104 | 0.573 | 79.8 | 0.583 | 17.4 | 0.112 | 0.751 | 81.5 | 0.759 |
| 249435.2 | 843962.1 | 38.4 | 9.350 | 6.079 | 33.0 | 11.152 | 17.6 | 8.875 | 0.106 | 0.575 | 79.6 | 0.585 | 16.7 | 0.134 | 0.704 | 79.2 | 0.717 |
| 249434.5 | 843961.4 | 38.4 | 9.403 | 6.134 | 33.1 | 11.227 | 18.2 | 8.934 | 0.117 | 0.580 | 78.6 | 0.592 | 17.2 | 0.159 | 0.702 | 77.2 | 0.720 |
| 249433.8 | 843960.7 | 38.3 | 9.439 | 6.176 | 33.2 | 11.280 | 18.8 | 8.976 | 0.125 | 0.588 | 78.0 | 0.601 | 16.6 | 0.180 | 0.669 | 75.0 | 0.692 |
| 249433.1 | 843960.0 | 38.3 | 9.523 | 6.248 | 33.3 | 11.390 | 19.5 | 9.064 | 0.137 | 0.598 | 77.1 | 0.613 | 16.5 | 0.202 | 0.658 | 72.9 | 0.688 |
| 249432.4 | 843959.3 | 38.3 | 9.663 | 6.352 | 33.3 | 11.563 | 20.2 | 9.202 | 0.153 | 0.610 | 75.9 | 0.629 | 17.3 | 0.230 | 0.675 | 71.1 | 0.713 |
| 249431.7 | 843958.5 | 38.4 | 9.821 | 6.466 | 33.4 | 11.759 | 20.9 | 9.357 | 0.169 | 0.623 | 74.8 | 0.646 | 18.0 | 0.259 | 0.693 | 69.5 | 0.740 |
| 249431.0 | 843957.8 | 38.4 | 9.991 | 6.583 | 33.4 | 11.965 | 21.6 | 9.522 | 0.186 | 0.638 | 73.8 | 0.664 | 18.6 | 0.289 | 0.708 | 67.8 | 0.765 |
| 249430.3 | 843957.1 | 38.3 | 10.053 | 6.628 | 33.4 | 12.042 | 22.3 | 9.583 | 0.194 | 0.651 | 73.4 | 0.680 | 16.4 | 0.295 | 0.634 | 65.0 | 0.699 |
| 249429.6 | 843956.4 | 38.3 | 10.218 | 6.735 | 33.4 | 12.238 | 23.0 | 9.739 | 0.209 | 0.666 | 72.6 | 0.698 | 16.3 | 0.318 | 0.628 | 63.2 | 0.704 |
| 249429.0 | 843955.7 | 38.3 | 10.424 | 6.865 | 33.4 | 12.482 | 23.5 | 9.933 | 0.226 | 0.681 | 71.6 | 0.718 | 16.9 | 0.347 | 0.647 | 61.8 | 0.735 |
| 249428.3 | 843954.9 | 38.4 | 10.657 | 7.008 | 33.3 | 12.755 | 24.0 | 10.150 | 0.245 | 0.697 | 70.6 | 0.738 | 17.9 | 0.382 | 0.680 | 60.7 | 0.780 |
| 249427.6 | 843954.2 | 38.4 | 10.875 | 7.138 | 33.3 | 13.008 | 24.5 | 10.351 | 0.262 | 0.711 | 69.8 | 0.758 | 18.4 | 0.412 | 0.699 | 59.5 | 0.811 |
| 249426.9 | 843953.5 | 38.4 | 11.034 | 7.228 | 33.2 | 13.190 | 24.9 | 10.496 | 0.274 | 0.725 | 69.3 | 0.775 | 17.8 | 0.428 | 0.675 | 57.6 | 0.799 |
| 249426.2 | 843952.8 | 38.3 | 11.182 | 7.309 | 33.2 | 13.359 | 25.3 | 10.631 | 0.286 | 0.737 | 68.8 | 0.791 | 16.9 | 0.440 | 0.644 | 55.7 | 0.780 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249425.5 | 843952.1 | 38.3 | 11.318 | 7.380 | 33.1 | 13.511 | 25.6 | 10.752 | 0.297 | 0.749 | 68.4 | 0.806 | 15.9 | 0.447 | 0.604 | 53.5 | 0.751 |
| 249424.8 | 843951.4 | 38.3 | 11.458 | 7.453 | 33.0 | 13.669 | 25.9 | 10.878 | 0.308 | 0.761 | 68.0 | 0.821 | 15.1 | 0.455 | 0.569 | 51.4 | 0.729 |
| 249424.1 | 843950.6 | 38.3 | 11.638 | 7.550 | 33.0 | 13.872 | 26.1 | 11.039 | 0.320 | 0.772 | 67.5 | 0.835 | 15.0 | 0.473 | 0.564 | 50.0 | 0.736 |
| 249423.4 | 843949.9 | 38.3 | 11.813 | 7.642 | 32.9 | 14.069 | 26.2 | 11.196 | 0.332 | 0.782 | 67.0 | 0.849 | 14.9 | 0.490 | 0.558 | 48.7 | 0.742 |
| 249422.7 | 843949.2 | 38.3 | 11.979 | 7.729 | 32.8 | 14.256 | 26.3 | 11.345 | 0.342 | 0.792 | 66.6 | 0.863 | 14.7 | 0.505 | 0.549 | 47.4 | 0.745 |
| 249422.0 | 843948.5 | 38.3 | 12.139 | 7.812 | 32.8 | 14.436 | 26.4 | 11.488 | 0.352 | 0.801 | 66.3 | 0.875 | 14.6 | 0.518 | 0.538 | 46.1 | 0.747 |
| 249421.3 | 843947.8 | 38.3 | 12.293 | 7.892 | 32.7 | 14.608 | 26.4 | 11.625 | 0.361 | 0.809 | 66.0 | 0.886 | 14.4 | 0.530 | 0.527 | 44.8 | 0.748 |
| 249420.6 | 843947.0 | 38.3 | 12.496 | 8.001 | 32.6 | 14.838 | 26.4 | 11.808 | 0.372 | 0.818 | 65.6 | 0.898 | 15.1 | 0.558 | 0.552 | 44.7 | 0.784 |
| 249419.9 | 843946.3 | 38.5 | 12.802 | 8.173 | 32.6 | 15.188 | 26.3 | 12.087 | 0.386 | 0.827 | 65.0 | 0.912 | 17.6 | 0.615 | 0.646 | 46.4 | 0.892 |
| 249419.2 | 843945.6 | 38.6 | 13.051 | 8.310 | 32.5 | 15.472 | 26.2 | 12.312 | 0.398 | 0.835 | 64.5 | 0.925 | 19.1 | 0.657 | 0.705 | 47.0 | 0.964 |
| 249418.5 | 843944.9 | 38.6 | 13.221 | 8.401 | 32.4 | 15.664 | 26.1 | 12.465 | 0.406 | 0.842 | 64.2 | 0.934 | 19.5 | 0.678 | 0.715 | 46.5 | 0.985 |
| 249417.8 | 843944.2 | 38.6 | 13.360 | 8.473 | 32.4 | 15.820 | 26.0 | 12.589 | 0.412 | 0.848 | 64.1 | 0.943 | 19.4 | 0.690 | 0.710 | 45.8 | 0.990 |
| 249417.1 | 843943.5 | 38.6 | 13.493 | 8.543 | 32.3 | 15.970 | 25.9 | 12.709 | 0.418 | 0.854 | 63.9 | 0.951 | 19.4 | 0.701 | 0.703 | 45.1 | 0.993 |
| 249416.4 | 843942.7 | 38.6 | 13.626 | 8.613 | 32.3 | 16.120 | 25.8 | 12.827 | 0.423 | 0.860 | 63.8 | 0.958 | 19.4 | 0.713 | 0.699 | 44.4 | 0.998 |
| 249415.7 | 843942.0 | 38.7 | 13.760 | 8.685 | 32.3 | 16.271 | 25.7 | 12.948 | 0.428 | 0.865 | 63.7 | 0.965 | 19.5 | 0.726 | 0.699 | 43.9 | 1.007 |
| 249415.0 | 843941.3 | 38.7 | 13.889 | 8.755 | 32.2 | 16.418 | 25.6 | 13.065 | 0.433 | 0.870 | 63.6 | 0.972 | 19.7 | 0.738 | 0.698 | 43.4 | 1.016 |
| 249414.3 | 843940.6 | 38.7 | 13.994 | 8.810 | 32.2 | 16.536 | 25.5 | 13.159 | 0.436 | 0.875 | 63.5 | 0.978 | 19.4 | 0.743 | 0.684 | 42.6 | 1.010 |
| 249413.6 | 843939.9 | 38.7 | 14.087 | 8.860 | 32.2 | 16.641 | 25.4 | 13.243 | 0.438 | 0.880 | 63.5 | 0.983 | 19.1 | 0.746 | 0.665 | 41.7 | 1.000 |
| 249412.9 | 843939.2 | 38.7 | 14.188 | 8.915 | 32.1 | 16.756 | 25.3 | 13.334 | 0.441 | 0.885 | 63.5 | 0.988 | 19.0 | 0.752 | 0.653 | 41.0 | 0.996 |
| 249412.2 | 843938.4 | 38.7 | 14.323 | 8.991 | 32.1 | 16.911 | 25.2 | 13.457 | 0.445 | 0.889 | 63.4 | 0.995 | 19.4 | 0.769 | 0.664 | 40.8 | 1.016 |
| 249411.6 | 843937.7 | 38.8 | 14.455 | 9.065 | 32.1 | 17.062 | 25.1 | 13.578 | 0.449 | 0.894 | 63.3 | 1.001 | 19.8 | 0.785 | 0.675 | 40.7 | 1.035 |
| 249410.9 | 843937.0 | 38.8 | 14.584 | 9.139 | 32.1 | 17.211 | 24.9 | 13.696 | 0.453 | 0.899 | 63.2 | 1.006 | 20.3 | 0.801 | 0.686 | 40.6 | 1.055 |
| 249410.2 | 843936.3 | 38.9 | 14.711 | 9.211 | 32.1 | 17.357 | 24.8 | 13.812 | 0.457 | 0.903 | 63.2 | 1.012 | 20.7 | 0.817 | 0.697 | 40.5 | 1.074 |
| 249409.5 | 843935.6 | 38.9 | 14.835 | 9.283 | 32.0 | 17.500 | 24.7 | 13.926 | 0.460 | 0.907 | 63.1 | 1.017 | 21.1 | 0.832 | 0.708 | 40.4 | 1.093 |
| 249408.8 | 843934.8 | 39.0 | 14.999 | 9.379 | 32.0 | 17.690 | 24.6 | 14.077 | 0.465 | 0.912 | 63.0 | 1.024 | 22.1 | 0.859 | 0.744 | 40.9 | 1.137 |
| 249408.1 | 843934.1 | 38.9 | 15.058 | 9.412 | 32.0 | 17.758 | 24.5 | 14.131 | 0.466 | 0.916 | 63.1 | 1.027 | 21.6 | 0.857 | 0.719 | 40.0 | 1.119 |
| 249407.4 | 843933.4 | 38.9 | 15.116 | 9.445 | 32.0 | 17.824 | 24.4 | 14.184 | 0.465 | 0.919 | 63.2 | 1.031 | 21.2 | 0.855 | 0.694 | 39.1 | 1.102 |
| 249406.7 | 843932.7 | 38.9 | 15.172 | 9.477 | 32.0 | 17.889 | 24.3 | 14.235 | 0.465 | 0.923 | 63.2 | 1.034 | 20.8 | 0.853 | 0.670 | 38.1 | 1.085 |
| 249406.0 | 843932.0 | 38.9 | 15.226 | 9.508 | 32.0 | 17.951 | 24.3 | 14.285 | 0.465 | 0.926 | 63.3 | 1.037 | 20.4 | 0.851 | 0.645 | 37.2 | 1.068 |
| 249405.3 | 843931.3 | 39.0 | 15.303 | 9.554 | 32.0 | 18.040 | 24.2 | 14.356 | 0.466 | 0.930 | 63.4 | 1.040 | 20.3 | 0.857 | 0.636 | 36.6 | 1.067 |
| 249404.6 | 843930.5 | 39.0 | 15.393 | 9.607 | 32.0 | 18.145 | 24.1 | 14.440 | 0.467 | 0.934 | 63.4 | 1.044 | 20.5 | 0.866 | 0.637 | 36.3 | 1.074 |
| 249403.9 | 843929.8 | 39.0 | 15.486 | 9.663 | 32.0 | 18.253 | 24.0 | 14.525 | 0.469 | 0.937 | 63.4 | 1.048 | 20.7 | 0.876 | 0.639 | 36.1 | 1.084 |
| 249403.2 | 843929.1 | 39.0 | 15.595 | 9.728 | 32.0 | 18.380 | 23.9 | 14.626 | 0.472 | 0.941 | 63.4 | 1.053 | 21.1 | 0.891 | 0.653 | 36.3 | 1.104 |
| 249402.5 | 843928.4 | 39.1 | 15.702 | 9.792 | 31.9 | 18.506 | 23.8 | 14.726 | 0.474 | 0.945 | 63.4 | 1.057 | 21.6 | 0.905 | 0.668 | 36.4 | 1.125 |
| 249401.8 | 843927.7 | 39.1 | 15.809 | 9.856 | 31.9 | 18.630 | 23.7 | 14.825 | 0.477 | 0.949 | 63.3 | 1.062 | 22.1 | 0.920 | 0.683 | 36.6 | 1.146 |
| 249401.1 | 843926.9 | 39.2 | 15.915 | 9.920 | 31.9 | 18.753 | 23.7 | 14.923 | 0.479 | 0.952 | 63.3 | 1.066 | 22.6 | 0.934 | 0.698 | 36.8 | 1.167 |
| 249400.4 | 843926.2 | 39.2 | 16.019 | 9.983 | 31.9 | 18.875 | 23.6 | 15.021 | 0.482 | 0.956 | 63.3 | 1.070 | 23.0 | 0.949 | 0.715 | 37.0 | 1.188 |
| 249399.7 | 843925.5 | 39.2 | 16.089 | 10.026 | 31.9 | 18.957 | 23.5 | 15.085 | 0.482 | 0.959 | 63.3 | 1.073 | 23.1 | 0.954 | 0.712 | 36.8 | 1.190 |
| 249399.0 | 843924.8 | 39.2 | 16.067 | 10.013 | 31.9 | 18.932 | 23.5 | 15.065 | 0.478 | 0.961 | 63.5 | 1.073 | 21.9 | 0.935 | 0.658 | 35.2 | 1.143 |
| 249398.3 | 843924.1 | 39.2 | 16.157 | 10.068 | 31.9 | 19.037 | 23.4 | 15.149 | 0.480 | 0.964 | 63.5 | 1.077 | 22.3 | 0.945 | 0.671 | 35.4 | 1.159 |
| 249397.6 | 843923.4 | 39.2 | 16.246 | 10.122 | 31.9 | 19.142 | 23.3 | 15.233 | 0.482 | 0.966 | 63.5 | 1.080 | 22.7 | 0.956 | 0.685 | 35.6 | 1.176 |
| 249396.9 | 843922.6 | 39.2 | 16.312 | 10.163 | 31.9 | 19.219 | 23.3 | 15.294 | 0.483 | 0.969 | 63.5 | 1.083 | 22.8 | 0.961 | 0.687 | 35.5 | 1.181 |
| 249396.2 | 843921.9 | 39.3 | 16.393 | 10.212 | 31.9 | 19.313 | 23.2 | 15.369 | 0.485 | 0.971 | 63.5 | 1.086 | 23.1 | 0.970 | 0.698 | 35.8 | 1.195 |
| 249395.5 | 843921.2 | 39.3 | 16.463 | 10.255 | 31.9 | 19.395 | 23.2 | 15.434 | 0.486 | 0.974 | 63.5 | 1.088 | 23.3 | 0.976 | 0.706 | 35.9 | 1.205 |
| 249394.8 | 843920.5 | 39.3 | 16.517 | 10.289 | 31.9 | 19.460 | 23.1 | 15.485 | 0.486 | 0.976 | 63.5 | 1.090 | 23.3 | 0.978 | 0.706 | 35.8 | 1.207 |
| 249394.2 | 843919.8 | 39.3 | 16.570 | 10.322 | 31.9 | 19.522 | 23.1 | 15.535 | 0.487 | 0.978 | 63.5 | 1.092 | 23.4 | 0.981 | 0.707 | 35.8 | 1.209 |
| 249393.5 | 843919.0 | 39.3 | 16.623 | 10.354 | 31.9 | 19.584 | 23.0 | 15.584 | 0.487 | 0.980 | 63.5 | 1.094 | 23.4 | 0.983 | 0.710 | 35.8 | 1.212 |
| 249392.8 | 843918.3 | 39.3 | 16.675 | 10.387 | 31.9 | 19.645 | 23.0 | 15.633 | 0.488 | 0.981 | 63.6 | 1.096 | 23.5 | 0.985 | 0.713 | 35.9 | 1.216 |
| 249392.1 | 843917.6 | 39.4 | 16.726 | 10.419 | 31.9 | 19.706 | 22.9 | 15.682 | 0.489 | 0.983 | 63.6 | 1.097 | 23.6 | 0.987 | 0.719 | 36.1 | 1.221 |
| 249391.4 | 843916.9 | 39.4 | 16.777 | 10.450 | 31.9 | 19.766 | 22.9 | 15.729 | 0.489 | 0.984 | 63.6 | 1.099 | 23.8 | 0.990 | 0.725 | 36.2 | 1.227 |
| 249390.7 | 843916.2 | 39.4 | 16.810 | 10.471 | 31.9 | 19.805 | 22.9 | 15.760 | 0.489 | 0.985 | 63.6 | 1.100 | 23.7 | 0.988 | 0.723 | 36.2 | 1.224 |
| 249390.0 | 843915.5 | 39.4 | 16.826 | 10.483 | 31.9 | 19.825 | 22.8 | 15.776 | 0.488 | 0.986 | 63.7 | 1.100 | 23.4 | 0.982 | 0.713 | 36.0 | 1.213 |
| 249389.3 | 843914.7 | 39.4 | 16.948 | 10.557 | 31.9 | 19.967 | 22.8 | 15.889 | 0.493 | 0.988 | 63.5 | 1.104 | 24.6 | 1.003 | 0.764 | 37.3 | 1.261 |
| 249388.6 | 843914.0 | 39.4 | 16.941 | 10.554 | 31.9 | 19.960 | 22.8 | 15.883 | 0.490 | 0.988 | 63.6 | 1.103 | 24.0 | 0.992 | 0.743 | 36.9 | 1.240 |
| 249387.9 | 843913.3 | 39.4 | 16.933 | 10.551 | 31.9 | 19.951 | 22.8 | 15.877 | 0.488 | 0.989 | 63.7 | 1.103 | 23.5 | 0.981 | 0.724 | 36.4 | 1.219 |
| 249387.2 | 843912.6 | 39.4 | 16.928 | 10.548 | 31.9 | 19.946 | 22.7 | 15.872 | 0.486 | 0.989 | 63.8 | 1.102 | 23.1 | 0.970 | 0.707 | 36.1 | 1.201 |
| 249386.5 | 843911.9 | 39.4 | 16.923 | 10.547 | 31.9 | 19.941 | 22.7 | 15.868 | 0.484 | 0.989 | 63.9 | 1.102 | 22.7 | 0.961 | 0.692 | 35.7 | 1.184 |
| 249385.8 | 843911.1 | 39.4 | 16.927 | 10.551 | 31.9 | 19.946 | 22.7 | 15.873 | 0.483 | 0.990 | 64.0 | 1.101 | 22.4 | 0.954 | 0.683 | 35.6 | 1.173 |
| 249385.1 | 843910.4 | 39.4 | 16.967 | 10.576 | 31.9 | 19.993 | 22.7 | 15.910 | 0.483 | 0.990 | 64.0 | 1.102 | 22.6 | 0.956 | 0.695 | 36.0 | 1.181 |
| 249384.4 | 843909.7 | 39.4 | 17.005 | 10.600 | 31.9 | 20.038 | 22.7 | 15.945 | 0.484 | 0.991 | 64.0 | 1.103 | 22.8 | 0.958 | 0.707 | 36.5 | 1.190 |
| 249383.7 | 843909.0 | 39.4 | 17.041 | 10.623 | 31.9 | 20.081 | 22.6 | 15.980 | 0.485 | 0.991 | 63.9 | 1.104 | 23.1 | 0.959 | 0.720 | 36.9 | 1.200 |
| 249383.0 | 843908.3 | 39.4 | 17.067 | 10.640 | 31.9 | 20.112 | 22.6 | 16.005 | 0.485 | 0.992 | 64.0 | 1.104 | 23.2 | 0.959 | 0.728 | 37.2 | 1.204 |
| 249382.3 | 843907.6 | 39.4 | 17.047 | 10.629 | 31.9 | 20.089 | 22.6 | 15.986 | 0.482 | 0.992 | 64.1 | 1.103 | 22.7 | 0.947 | 0.710 | 36.9 | 1.184 |
| 249381.6 | 843906.8 | 39.4 | 17.025 | 10.617 | 31.9 | 20.064 | 22.6 | 15.966 | 0.480 | 0.992 | 64.2 | 1.102 | 22.2 | 0.935 | 0.692 | 36.5 | 1.164 |
| 249380.9 | 843906.1 | 39.4 | 17.005 | 10.606 | 32.0 | 20.042 | 22.6 | 15.949 | 0.478 | 0.991 | 64.3 | 1.101 | 21.8 | 0.924 | 0.677 | 36.2 | 1.145 |
| 249380.2 | 843905.4 | 39.4 | 16.999 | 10.604 | 32.0 | 20.035 | 22.6 | 15.944 | 0.476 | 0.991 | 64.3 | 1.100 | 21.5 | 0.917 | 0.669 | 36.1 | 1.135 |
| 249379.5 | 843904.7 | 39.3 | 16.992 | 10.601 | 32.0 | 20.027 | 22.6 | 15.937 | 0.475 | 0.991 | 64.4 | 1.099 | 21.3 | 0.909 | 0.662 | 36.1 | 1.125 |
| 249378.8 | 843904.0 | 39.3 | 16.983 | 10.597 | 32.0 | 20.018 | 22.6 | 15.930 | 0.474 | 0.991 | 64.5 | 1.099 | 21.0 | 0.902 | 0.655 | 36.0 | 1.114 |
| 249378.1 | 843903.2 | 39.4 | 17.014 | 10.616 | 32.0 | 20.054 | 22.6 | 15.959 | 0.474 | 0.992 | 64.4 | 1.099 | 21.3 | 0.904 | 0.670 | 36.6 | 1.126 |
| 249377.4 | 843902.5 | 39.4 | 17.147 | 10.698 | 32.0 | 20.210 | 22.5 | 16.083 | 0.481 | 0.993 | 64.2 | 1.103 | 23.0 | 0.933 | 0.745 | 38.6 | 1.194 |
| 249376.8 | 843901.8 | 39.5 | 17.238 | 10.754 | 32.0 | 20.318 | 22.4 | 16.168 | 0.485 | 0.994 | 64.0 | 1.106 | 24.1 | 0.950 | 0.797 | 40.0 | 1.240 |
| 249376.1 | 843901.1 | 39.5 | 17.240 | 10.756 | 32.0 | 20.320 | 22.4 | 16.170 | 0.485 | 0.994 | 64.0 | 1.106 | 24.1 | 0.946 | 0.797 | 40.1 | 1.237 |
| 249375.4 | 843900.4 | 39.5 | 17.236 | 10.755 | 32.0 | 20.317 | 22.4 | 16.167 | 0.484 | 0.994 | 64.0 | 1.105 | 24.0 | 0.941 | 0.796 | 40.2 | 1.233 |
| 249374.7 | 843899.7 | 39.5 | 17.231 | 10.753 | 32.0 | 20.311 | 22.4 | 16.163 | 0.483 | 0.994 | 64.1 | 1.105 | 23.9 | 0.935 | 0.794 | 40.3 | 1.227 |
| 249374.0 | 843898.9 | 39.5 | 17.225 | 10.750 | 32.0 | 20.304 | 22.4 | 16.157 | 0.482 | 0.993 | 64.1 | 1.104 | 23.8 | 0.930 | 0.792 | 40.4 | 1.222 |
| 249373.3 | 843898.2 | 39.5 | 17.217 | 10.747 | 32.0 | 20.296 | 22.4 | 16.151 | 0.481 | 0.993 | 64.1 | 1.104 | 23.7 | 0.924 | 0.790 | 40.5 | 1.216 |
| 249372.6 | 843897.5 | 39.5 | 17.209 | 10.743 | 32.0 | 20.287 | 22.4 | 16.144 | 0.480 | 0.993 | 64.2 | 1.103 | 23.6 | 0.919 | 0.788 | 40.6 | 1.211 |
| 249371.9 | 843896.8 | 39.5 | 17.200 | 10.739 | 32.0 | 20.277 | 22.4 | 16.136 | 0.480 | 0.993 | 64.2 | 1.103 | 23.5 | 0.913 | 0.786 | 40.7 | 1.205 |
| 249371.2 | 843896.1 | 39.5 | 17.187 | 10.732 | 32.0 | 20.262 | 22.4 | 16.124 | 0.479 | 0.992 | 64.3 | 1.102 | 23.4 | 0.907 | 0.782 | 40.8 | 1.198 |
| 249370.5 | 843895.4 | 39.5 | 17.162 | 10.718 | 32.0 | 20.234 | 22.4 | 16.102 | 0.477 | 0.992 | 64.3 | 1.101 | 23.1 | 0.899 | 0.772 | 40.7 | 1.185 |
| 249369.8 | 843894.6 | 39.5 | 17.150 | 10.712 | 32.0 | 20.220 | 22.4 | 16.091 | 0.476 | 0.992 | 64.4 | 1.100 | 23.0 | 0.894 | 0.769 | 40.7 | 1.179 |
| 249369.1 | 843893.9 | 39.5 | 17.142 | 10.708 | 32.0 | 20.212 | 22.4 | 16.084 | 0.476 | 0.992 | 64.4 | 1.100 | 23.0 | 0.891 | 0.769 | 40.8 | 1.177 |
| 249368.4 | 843893.2 | 39.5 | 17.134 | 10.704 | 32.0 | 20.203 | 22.4 | 16.077 | 0.475 | 0.991 | 64.4 | 1.099 | 23.0 | 0.888 | 0.769 | 40.9 | 1.175 |
| 249367.7 | 843892.5 | 39.5 | 17.124 | 10.700 | 32.0 | 20.192 | 22.4 | 16.068 | 0.474 | 0.991 | 64.4 | 1.099 | 23.0 | 0.886 | 0.768 | 40.9 | 1.172 |
| 249367.0 | 843891.8 | 39.5 | 17.114 | 10.694 | 32.0 | 20.180 | 22.4 | 16.059 | 0.473 | 0.991 | 64.5 | 1.098 | 23.0 | 0.884 | 0.767 | 41.0 | 1.170 |
| 249366.3 | 843891.0 | 39.5 | 17.102 | 10.688 | 32.0 | 20.167 | 22.4 | 16.048 | 0.472 | 0.991 | 64.5 | 1.098 | 22.9 | 0.882 | 0.765 | 40.9 | 1.168 |
| 249365.6 | 843890.3 | 39.5 | 17.089 | 10.681 | 32.0 | 20.152 | 22.4 | 16.037 | 0.471 | 0.991 | 64.5 | 1.097 | 22.9 | 0.882 | 0.763 | 40.9 | 1.166 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249364.9 | 843889.6 | 39.5 | 17.075 | 10.674 | 32.0 | 20.136 | 22.4 | 16.024 | 0.470 | 0.990 | 64.6 | 1.096 | 22.8 | 0.882 | 0.760 | 40.8 | 1.164 |
| 249364.2 | 843888.9 | 39.5 | 17.054 | 10.662 | 32.0 | 20.112 | 22.4 | 16.005 | 0.469 | 0.990 | 64.7 | 1.096 | 22.7 | 0.881 | 0.754 | 40.6 | 1.159 |
| 249363.5 | 843888.2 | 39.5 | 17.030 | 10.649 | 32.0 | 20.085 | 22.4 | 15.983 | 0.467 | 0.990 | 64.7 | 1.095 | 22.6 | 0.880 | 0.746 | 40.3 | 1.154 |
| 249362.8 | 843887.5 | 39.5 | 17.006 | 10.635 | 32.0 | 20.057 | 22.4 | 15.961 | 0.465 | 0.990 | 64.8 | 1.094 | 22.4 | 0.880 | 0.738 | 40.0 | 1.148 |
| 249362.1 | 843886.7 | 39.5 | 16.980 | 10.620 | 32.0 | 20.027 | 22.4 | 15.937 | 0.463 | 0.990 | 64.9 | 1.093 | 22.3 | 0.881 | 0.729 | 39.6 | 1.143 |
| 249361.4 | 843886.0 | 39.5 | 16.953 | 10.605 | 32.0 | 19.997 | 22.4 | 15.913 | 0.461 | 0.990 | 65.0 | 1.092 | 22.1 | 0.882 | 0.719 | 39.2 | 1.138 |
| 249360.7 | 843885.3 | 39.5 | 16.925 | 10.589 | 32.0 | 19.964 | 22.4 | 15.887 | 0.459 | 0.990 | 65.1 | 1.091 | 22.0 | 0.884 | 0.710 | 38.8 | 1.134 |
| 249360.0 | 843884.6 | 39.5 | 16.896 | 10.572 | 32.0 | 19.931 | 22.4 | 15.861 | 0.457 | 0.989 | 65.2 | 1.090 | 21.8 | 0.887 | 0.700 | 38.3 | 1.130 |
| 249359.4 | 843883.9 | 39.5 | 16.866 | 10.555 | 32.0 | 19.897 | 22.4 | 15.833 | 0.455 | 0.989 | 65.3 | 1.089 | 21.6 | 0.889 | 0.690 | 37.8 | 1.126 |
| 249358.7 | 843883.1 | 39.5 | 16.835 | 10.537 | 32.0 | 19.861 | 22.4 | 15.805 | 0.452 | 0.989 | 65.4 | 1.087 | 21.5 | 0.892 | 0.680 | 37.3 | 1.122 |
| 249358.0 | 843882.4 | 39.5 | 16.839 | 10.540 | 32.0 | 19.865 | 22.4 | 15.808 | 0.452 | 0.989 | 65.4 | 1.087 | 21.8 | 0.904 | 0.691 | 37.4 | 1.138 |
| 249357.3 | 843881.7 | 39.5 | 16.842 | 10.543 | 32.0 | 19.869 | 22.4 | 15.811 | 0.452 | 0.989 | 65.5 | 1.087 | 22.1 | 0.917 | 0.702 | 37.4 | 1.154 |
| 249356.6 | 843881.0 | 39.5 | 16.801 | 10.519 | 32.1 | 19.822 | 22.4 | 15.774 | 0.449 | 0.988 | 65.6 | 1.085 | 21.8 | 0.919 | 0.688 | 36.8 | 1.148 |
| 249355.9 | 843880.3 | 39.5 | 16.735 | 10.480 | 32.1 | 19.745 | 22.5 | 15.713 | 0.445 | 0.987 | 65.8 | 1.083 | 21.3 | 0.915 | 0.661 | 35.8 | 1.129 |
| 249355.2 | 843879.6 | 39.5 | 16.703 | 10.461 | 32.1 | 19.709 | 22.5 | 15.684 | 0.443 | 0.987 | 65.8 | 1.081 | 21.2 | 0.920 | 0.654 | 35.4 | 1.129 |
| 249354.5 | 843878.8 | 39.5 | 16.670 | 10.442 | 32.1 | 19.671 | 22.5 | 15.654 | 0.441 | 0.986 | 65.9 | 1.080 | 21.1 | 0.924 | 0.648 | 35.0 | 1.129 |
| 249353.8 | 843878.1 | 39.5 | 16.645 | 10.428 | 32.1 | 19.642 | 22.5 | 15.631 | 0.439 | 0.985 | 66.0 | 1.079 | 21.1 | 0.931 | 0.648 | 34.8 | 1.134 |
| 249353.1 | 843877.4 | 39.5 | 16.632 | 10.420 | 32.1 | 19.627 | 22.5 | 15.618 | 0.438 | 0.984 | 66.0 | 1.077 | 21.3 | 0.940 | 0.655 | 34.9 | 1.145 |
| 249352.4 | 843876.7 | 39.5 | 16.617 | 10.412 | 32.1 | 19.610 | 22.5 | 15.605 | 0.438 | 0.983 | 66.0 | 1.076 | 21.5 | 0.948 | 0.663 | 35.0 | 1.157 |
| 249351.7 | 843876.0 | 39.5 | 16.602 | 10.403 | 32.1 | 19.592 | 22.5 | 15.591 | 0.437 | 0.982 | 66.0 | 1.075 | 21.7 | 0.956 | 0.672 | 35.1 | 1.169 |
| 249351.0 | 843875.2 | 39.5 | 16.575 | 10.388 | 32.1 | 19.561 | 22.5 | 15.566 | 0.436 | 0.981 | 66.0 | 1.073 | 21.8 | 0.962 | 0.675 | 35.1 | 1.175 |
| 249350.3 | 843874.5 | 39.5 | 16.534 | 10.364 | 32.1 | 19.514 | 22.5 | 15.529 | 0.434 | 0.979 | 66.1 | 1.071 | 21.7 | 0.963 | 0.671 | 34.9 | 1.174 |
| 249349.6 | 843873.8 | 39.5 | 16.493 | 10.340 | 32.1 | 19.466 | 22.5 | 15.491 | 0.432 | 0.978 | 66.1 | 1.069 | 21.7 | 0.965 | 0.668 | 34.7 | 1.173 |
| 249348.9 | 843873.1 | 39.5 | 16.451 | 10.315 | 32.1 | 19.417 | 22.5 | 15.452 | 0.431 | 0.976 | 66.2 | 1.067 | 21.6 | 0.966 | 0.665 | 34.5 | 1.172 |
| 249348.2 | 843872.4 | 39.5 | 16.408 | 10.289 | 32.1 | 19.367 | 22.6 | 15.412 | 0.429 | 0.974 | 66.2 | 1.064 | 21.5 | 0.966 | 0.662 | 34.4 | 1.171 |
| 249347.5 | 843871.7 | 39.5 | 16.364 | 10.263 | 32.1 | 19.316 | 22.6 | 15.371 | 0.427 | 0.972 | 66.3 | 1.062 | 21.5 | 0.966 | 0.660 | 34.4 | 1.170 |
| 249346.8 | 843870.9 | 39.5 | 16.319 | 10.236 | 32.1 | 19.263 | 22.6 | 15.329 | 0.426 | 0.970 | 66.3 | 1.060 | 21.4 | 0.965 | 0.659 | 34.3 | 1.168 |
| 249346.1 | 843870.2 | 39.5 | 16.273 | 10.209 | 32.1 | 19.211 | 22.6 | 15.287 | 0.424 | 0.968 | 66.3 | 1.057 | 21.4 | 0.964 | 0.657 | 34.3 | 1.167 |
| 249345.4 | 843869.5 | 39.5 | 16.229 | 10.183 | 32.1 | 19.160 | 22.6 | 15.247 | 0.423 | 0.966 | 66.4 | 1.055 | 21.3 | 0.963 | 0.658 | 34.3 | 1.166 |
| 249344.7 | 843868.8 | 39.5 | 16.186 | 10.158 | 32.1 | 19.109 | 22.6 | 15.207 | 0.422 | 0.964 | 66.4 | 1.052 | 21.3 | 0.961 | 0.659 | 34.4 | 1.165 |
| 249344.0 | 843868.1 | 39.5 | 16.142 | 10.131 | 32.1 | 19.058 | 22.6 | 15.166 | 0.420 | 0.962 | 66.4 | 1.050 | 21.3 | 0.959 | 0.661 | 34.6 | 1.165 |
| 249343.3 | 843867.3 | 39.5 | 16.099 | 10.106 | 32.1 | 19.008 | 22.7 | 15.126 | 0.419 | 0.960 | 66.4 | 1.048 | 21.3 | 0.957 | 0.663 | 34.7 | 1.165 |
| 249342.6 | 843866.6 | 39.6 | 16.067 | 10.087 | 32.1 | 18.971 | 22.7 | 15.097 | 0.419 | 0.958 | 66.4 | 1.046 | 21.5 | 0.958 | 0.673 | 35.1 | 1.171 |
| 249342.0 | 843865.9 | 39.6 | 16.035 | 10.068 | 32.1 | 18.934 | 22.7 | 15.067 | 0.419 | 0.956 | 66.3 | 1.044 | 21.7 | 0.958 | 0.683 | 35.5 | 1.176 |
| 249341.3 | 843865.2 | 39.6 | 16.001 | 10.048 | 32.1 | 18.895 | 22.7 | 15.036 | 0.418 | 0.954 | 66.3 | 1.042 | 21.9 | 0.957 | 0.693 | 35.9 | 1.181 |
| 249340.6 | 843864.5 | 39.6 | 15.967 | 10.028 | 32.1 | 18.854 | 22.7 | 15.004 | 0.418 | 0.952 | 66.3 | 1.040 | 22.0 | 0.956 | 0.702 | 36.3 | 1.186 |
| 249339.9 | 843863.8 | 39.6 | 15.931 | 10.006 | 32.1 | 18.813 | 22.7 | 14.971 | 0.418 | 0.950 | 66.3 | 1.038 | 22.2 | 0.954 | 0.711 | 36.7 | 1.190 |
| 249339.2 | 843863.0 | 39.6 | 15.895 | 9.985 | 32.1 | 18.771 | 22.7 | 14.937 | 0.417 | 0.948 | 66.2 | 1.036 | 22.3 | 0.953 | 0.720 | 37.1 | 1.194 |
| 249338.5 | 843862.3 | 39.6 | 15.785 | 9.918 | 32.1 | 18.642 | 22.8 | 14.835 | 0.413 | 0.945 | 66.4 | 1.031 | 21.5 | 0.933 | 0.684 | 36.2 | 1.157 |
| 249337.8 | 843861.6 | 39.5 | 15.667 | 9.847 | 32.1 | 18.505 | 22.8 | 14.726 | 0.408 | 0.942 | 66.6 | 1.027 | 20.5 | 0.912 | 0.643 | 35.2 | 1.116 |
| 249337.1 | 843860.9 | 39.5 | 15.550 | 9.776 | 32.2 | 18.367 | 22.9 | 14.616 | 0.403 | 0.939 | 66.8 | 1.022 | 19.5 | 0.891 | 0.602 | 34.1 | 1.075 |
| 249336.4 | 843860.2 | 39.5 | 15.490 | 9.740 | 32.2 | 18.298 | 22.9 | 14.561 | 0.401 | 0.937 | 66.8 | 1.020 | 19.3 | 0.884 | 0.597 | 34.0 | 1.066 |
| 249335.7 | 843859.4 | 39.5 | 15.471 | 9.729 | 32.2 | 18.276 | 22.9 | 14.544 | 0.402 | 0.935 | 66.7 | 1.018 | 19.7 | 0.886 | 0.617 | 34.8 | 1.080 |
| 249335.0 | 843858.7 | 39.5 | 15.451 | 9.717 | 32.2 | 18.253 | 22.9 | 14.525 | 0.403 | 0.934 | 66.7 | 1.017 | 20.1 | 0.889 | 0.636 | 35.6 | 1.093 |
| 249334.3 | 843858.0 | 39.6 | 15.431 | 9.705 | 32.2 | 18.229 | 22.9 | 14.506 | 0.403 | 0.932 | 66.6 | 1.015 | 20.5 | 0.891 | 0.654 | 36.3 | 1.106 |
| 249333.6 | 843857.3 | 39.6 | 15.378 | 9.673 | 32.2 | 18.168 | 22.9 | 14.457 | 0.402 | 0.929 | 66.6 | 1.012 | 20.6 | 0.882 | 0.646 | 36.2 | 1.093 |
| 249332.9 | 843856.6 | 39.6 | 15.329 | 9.643 | 32.2 | 18.110 | 22.9 | 14.411 | 0.401 | 0.927 | 66.6 | 1.010 | 20.6 | 0.878 | 0.647 | 36.4 | 1.091 |
| 249332.2 | 843855.9 | 39.6 | 15.279 | 9.613 | 32.2 | 18.051 | 23.0 | 14.365 | 0.400 | 0.925 | 66.6 | 1.007 | 20.6 | 0.875 | 0.647 | 36.5 | 1.088 |
| 249331.5 | 843855.1 | 39.6 | 15.227 | 9.582 | 32.2 | 17.991 | 23.0 | 14.317 | 0.398 | 0.923 | 66.7 | 1.005 | 20.6 | 0.872 | 0.646 | 36.5 | 1.085 |
| 249330.8 | 843854.4 | 39.6 | 15.176 | 9.551 | 32.2 | 17.931 | 23.0 | 14.269 | 0.397 | 0.921 | 66.7 | 1.003 | 20.5 | 0.870 | 0.645 | 36.5 | 1.083 |
| 249330.1 | 843853.7 | 39.6 | 15.123 | 9.519 | 32.2 | 17.869 | 23.0 | 14.220 | 0.395 | 0.919 | 66.7 | 1.000 | 20.5 | 0.868 | 0.643 | 36.5 | 1.080 |
| 249329.4 | 843853.0 | 39.6 | 15.070 | 9.486 | 32.2 | 17.807 | 23.0 | 14.170 | 0.394 | 0.917 | 66.8 | 0.998 | 20.4 | 0.866 | 0.640 | 36.5 | 1.077 |
| 249328.7 | 843852.3 | 39.6 | 15.017 | 9.454 | 32.2 | 17.745 | 23.1 | 14.121 | 0.392 | 0.915 | 66.8 | 0.996 | 20.4 | 0.865 | 0.638 | 36.4 | 1.074 |
| 249328.0 | 843851.6 | 39.6 | 14.948 | 9.412 | 32.2 | 17.664 | 23.1 | 14.057 | 0.390 | 0.913 | 66.9 | 0.993 | 20.1 | 0.860 | 0.625 | 36.0 | 1.063 |
| 249327.3 | 843850.8 | 39.6 | 14.875 | 9.368 | 32.2 | 17.579 | 23.1 | 13.989 | 0.387 | 0.911 | 67.0 | 0.990 | 19.8 | 0.855 | 0.610 | 35.5 | 1.050 |
| 249326.6 | 843850.1 | 39.6 | 14.801 | 9.323 | 32.2 | 17.493 | 23.1 | 13.920 | 0.384 | 0.909 | 67.1 | 0.987 | 19.4 | 0.851 | 0.594 | 34.9 | 1.038 |
| 249325.9 | 843849.4 | 39.6 | 14.727 | 9.278 | 32.2 | 17.406 | 23.2 | 13.851 | 0.382 | 0.907 | 67.2 | 0.984 | 19.1 | 0.847 | 0.578 | 34.3 | 1.025 |
| 249325.2 | 843848.7 | 39.6 | 14.659 | 9.236 | 32.2 | 17.326 | 23.2 | 13.788 | 0.379 | 0.905 | 67.3 | 0.981 | 18.9 | 0.845 | 0.565 | 33.8 | 1.017 |
| 249324.6 | 843848.0 | 39.6 | 14.621 | 9.213 | 32.2 | 17.282 | 23.2 | 13.753 | 0.378 | 0.904 | 67.3 | 0.979 | 19.1 | 0.851 | 0.573 | 33.9 | 1.025 |
| 249323.9 | 843847.2 | 39.7 | 14.588 | 9.193 | 32.2 | 17.243 | 23.2 | 13.722 | 0.378 | 0.902 | 67.3 | 0.978 | 19.4 | 0.858 | 0.583 | 34.2 | 1.037 |
| 249323.2 | 843846.5 | 39.7 | 14.554 | 9.173 | 32.2 | 17.203 | 23.2 | 13.690 | 0.377 | 0.900 | 67.3 | 0.976 | 19.6 | 0.865 | 0.593 | 34.4 | 1.049 |
| 249322.5 | 843845.8 | 39.7 | 14.519 | 9.152 | 32.2 | 17.163 | 23.2 | 13.658 | 0.376 | 0.898 | 67.3 | 0.974 | 19.9 | 0.873 | 0.603 | 34.6 | 1.061 |
| 249321.8 | 843845.1 | 39.7 | 14.484 | 9.130 | 32.2 | 17.121 | 23.3 | 13.624 | 0.376 | 0.896 | 67.3 | 0.972 | 20.2 | 0.881 | 0.613 | 34.8 | 1.073 |
| 249321.1 | 843844.4 | 39.8 | 14.447 | 9.108 | 32.2 | 17.078 | 23.3 | 13.591 | 0.375 | 0.894 | 67.2 | 0.970 | 20.4 | 0.889 | 0.622 | 35.0 | 1.085 |
| 249320.4 | 843843.7 | 39.8 | 14.410 | 9.085 | 32.2 | 17.035 | 23.3 | 13.556 | 0.375 | 0.892 | 67.2 | 0.968 | 20.7 | 0.897 | 0.632 | 35.2 | 1.097 |
| 249319.7 | 843842.9 | 39.8 | 14.372 | 9.062 | 32.2 | 16.990 | 23.3 | 13.520 | 0.374 | 0.890 | 67.2 | 0.966 | 21.0 | 0.905 | 0.641 | 35.3 | 1.109 |
| 249319.0 | 843842.2 | 39.8 | 14.333 | 9.038 | 32.2 | 16.945 | 23.3 | 13.484 | 0.373 | 0.888 | 67.2 | 0.963 | 21.2 | 0.913 | 0.651 | 35.5 | 1.121 |
| 249318.3 | 843841.5 | 39.9 | 14.292 | 9.013 | 32.2 | 16.897 | 23.3 | 13.446 | 0.372 | 0.886 | 67.2 | 0.961 | 21.5 | 0.921 | 0.659 | 35.6 | 1.132 |
| 249317.6 | 843840.8 | 39.9 | 14.246 | 8.985 | 32.2 | 16.843 | 23.3 | 13.403 | 0.371 | 0.884 | 67.2 | 0.958 | 21.6 | 0.927 | 0.664 | 35.6 | 1.141 |
| 249316.9 | 843840.1 | 39.9 | 14.180 | 8.945 | 32.2 | 16.766 | 23.4 | 13.342 | 0.369 | 0.881 | 67.3 | 0.955 | 21.5 | 0.929 | 0.657 | 35.3 | 1.138 |
| 249316.2 | 843839.3 | 39.9 | 14.097 | 8.893 | 32.2 | 16.668 | 23.4 | 13.264 | 0.366 | 0.878 | 67.4 | 0.951 | 21.1 | 0.928 | 0.639 | 34.6 | 1.126 |
| 249315.5 | 843838.6 | 39.9 | 14.014 | 8.842 | 32.3 | 16.570 | 23.4 | 13.186 | 0.363 | 0.875 | 67.5 | 0.947 | 20.7 | 0.926 | 0.621 | 33.9 | 1.115 |
| 249314.8 | 843837.9 | 39.9 | 13.945 | 8.800 | 32.3 | 16.489 | 23.4 | 13.122 | 0.361 | 0.872 | 67.5 | 0.944 | 20.6 | 0.927 | 0.613 | 33.4 | 1.111 |
| 249314.1 | 843837.2 | 39.9 | 13.875 | 8.757 | 32.3 | 16.407 | 23.5 | 13.056 | 0.358 | 0.869 | 67.6 | 0.940 | 20.4 | 0.929 | 0.604 | 33.0 | 1.108 |
| 249313.4 | 843836.5 | 39.9 | 13.805 | 8.714 | 32.3 | 16.325 | 23.5 | 12.991 | 0.356 | 0.866 | 67.7 | 0.937 | 20.2 | 0.931 | 0.595 | 32.6 | 1.105 |
| 249312.7 | 843835.8 | 39.9 | 13.734 | 8.671 | 32.3 | 16.242 | 23.5 | 12.925 | 0.354 | 0.864 | 67.7 | 0.933 | 20.0 | 0.933 | 0.585 | 32.1 | 1.101 |
| 249312.0 | 843835.0 | 39.9 | 13.669 | 8.631 | 32.3 | 16.166 | 23.6 | 12.865 | 0.352 | 0.861 | 67.8 | 0.930 | 19.9 | 0.936 | 0.579 | 31.8 | 1.101 |
| 249311.3 | 843834.3 | 39.9 | 13.618 | 8.599 | 32.3 | 16.106 | 23.6 | 12.817 | 0.350 | 0.858 | 67.8 | 0.927 | 20.0 | 0.943 | 0.582 | 31.7 | 1.108 |
| 249310.6 | 843833.6 | 40.0 | 13.566 | 8.567 | 32.3 | 16.045 | 23.6 | 12.768 | 0.349 | 0.855 | 67.8 | 0.924 | 20.0 | 0.950 | 0.585 | 31.6 | 1.116 |
| 249309.9 | 843832.9 | 40.0 | 13.514 | 8.535 | 32.3 | 15.983 | 23.6 | 12.719 | 0.348 | 0.852 | 67.8 | 0.921 | 20.1 | 0.957 | 0.587 | 31.5 | 1.122 |
| 249309.2 | 843832.2 | 40.0 | 13.461 | 8.502 | 32.3 | 15.921 | 23.6 | 12.670 | 0.346 | 0.850 | 67.8 | 0.917 | 20.1 | 0.964 | 0.588 | 31.4 | 1.129 |
| 249308.5 | 843831.4 | 40.0 | 13.407 | 8.469 | 32.3 | 15.858 | 23.7 | 12.620 | 0.344 | 0.847 | 67.9 | 0.914 | 20.1 | 0.971 | 0.588 | 31.2 | 1.135 |
| 249307.8 | 843830.7 | 40.0 | 13.353 | 8.436 | 32.3 | 15.795 | 23.7 | 12.569 | 0.343 | 0.844 | 67.9 | 0.911 | 20.1 | 0.978 | 0.587 | 31.0 | 1.141 |
| 249307.2 | 843830.0 | 40.1 | 13.299 | 8.402 | 32.3 | 15.730 | 23.7 | 12.518 | 0.341 | 0.842 | 68.0 | 0.908 | 20.0 | 0.986 | 0.585 | 30.7 | 1.146 |
| 249306.5 | 843829.3 | 40.1 | 13.228 | 8.358 | 32.3 | 15.647 | 23.7 | 12.452 | 0.338 | 0.839 | 68.1 | 0.904 | 19.7 | 0.989 | 0.571 | 30.0 | 1.142 |
| 249305.8 | 843828.6 | 40.1 | 13.180 | 8.329 | 32.3 | 15.591 | 23.7 | 12.407 | 0.336 | 0.836 | 68.1 | 0.901 | 19.7 | 0.999 | 0.572 | 29.8 | 1.151 |
| 249305.1 | 843827.9 | 40.1 | 13.114 | 8.288 | 32.3 | 15.514 | 23.8 | 12.345 | 0.333 | 0.834 | 68.2 | 0.898 | 19.4 | 1.004 | 0.559 | 29.1 | 1.149 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249304.4 | 843827.1 | 40.1 | 13.048 | 8.247 | 32.3 | 15.436 | 23.8 | 12.283 | 0.330 | 0.831 | 68.3 | 0.894 | 19.0 | 1.009 | 0.544 | 28.3 | 1.147 |
| 249303.7 | 843826.4 | 40.1 | 12.981 | 8.206 | 32.3 | 15.357 | 23.8 | 12.221 | 0.327 | 0.829 | 68.5 | 0.891 | 18.6 | 1.015 | 0.528 | 27.5 | 1.144 |
| 249303.0 | 843825.7 | 40.2 | 12.914 | 8.164 | 32.3 | 15.278 | 23.8 | 12.158 | 0.323 | 0.827 | 68.6 | 0.887 | 18.2 | 1.020 | 0.510 | 26.5 | 1.140 |
| 249302.3 | 843825.0 | 40.2 | 12.846 | 8.122 | 32.3 | 15.199 | 23.9 | 12.095 | 0.319 | 0.824 | 68.8 | 0.884 | 17.7 | 1.026 | 0.489 | 25.5 | 1.136 |
| 249301.6 | 843824.3 | 40.1 | 12.737 | 8.054 | 32.3 | 15.069 | 23.9 | 11.992 | 0.313 | 0.822 | 69.1 | 0.880 | 16.5 | 1.021 | 0.437 | 23.2 | 1.111 |
| 249300.9 | 843823.5 | 40.1 | 12.606 | 7.973 | 32.3 | 14.916 | 24.0 | 11.869 | 0.306 | 0.820 | 69.5 | 0.875 | 14.9 | 1.011 | 0.368 | 20.0 | 1.076 |
| 249300.2 | 843822.8 | 40.1 | 12.482 | 7.896 | 32.3 | 14.769 | 24.0 | 11.753 | 0.299 | 0.817 | 69.9 | 0.871 | 13.3 | 1.002 | 0.300 | 16.7 | 1.046 |
| 249299.5 | 843822.1 | 40.3 | 12.639 | 7.993 | 32.3 | 14.954 | 23.9 | 11.900 | 0.305 | 0.818 | 69.5 | 0.873 | 16.2 | 1.061 | 0.427 | 21.9 | 1.144 |
| 249298.8 | 843821.4 | 40.7 | 13.012 | 8.225 | 32.3 | 15.394 | 23.8 | 12.250 | 0.325 | 0.823 | 68.4 | 0.885 | 22.3 | 1.166 | 0.695 | 30.8 | 1.358 |
| 249298.1 | 843820.7 | 40.6 | 12.875 | 8.140 | 32.3 | 15.232 | 23.8 | 12.121 | 0.315 | 0.821 | 69.0 | 0.879 | 20.4 | 1.152 | 0.613 | 28.0 | 1.305 |
| 249297.4 | 843820.0 | 40.4 | 12.514 | 7.916 | 32.3 | 14.808 | 24.0 | 11.784 | 0.293 | 0.817 | 70.3 | 0.868 | 14.8 | 1.087 | 0.372 | 18.9 | 1.149 |
| 249296.7 | 843819.2 | 40.3 | 12.270 | 7.764 | 32.3 | 14.520 | 24.1 | 11.555 | 0.280 | 0.816 | 71.0 | 0.862 | 10.9 | 1.046 | 0.203 | 11.0 | 1.065 |
| 249296.0 | 843818.5 | 40.2 | 12.108 | 7.664 | 32.3 | 14.330 | 24.2 | 11.403 | 0.272 | 0.815 | 71.6 | 0.859 | 8.1 | 1.022 | 0.086 | 4.8 | 1.026 |
| 249295.3 | 843817.8 | 40.0 | 11.794 | 7.468 | 32.3 | 13.960 | 24.3 | 11.109 | 0.262 | 0.815 | 72.2 | 0.856 | 2.5 | 0.960 | -0.150 | -8.9 | 0.972 |
| 249294.6 | 843817.1 | 40.0 | 11.719 | 7.421 | 32.3 | 13.872 | 24.3 | 11.039 | 0.258 | 0.817 | 72.5 | 0.857 | 0.9 | 0.952 | -0.215 | -12.8 | 0.976 |
| 249293.9 | 843816.4 | 40.3 | 11.960 | 7.571 | 32.3 | 14.155 | 24.2 | 11.264 | 0.259 | 0.821 | 72.5 | 0.861 | 4.5 | 1.013 | -0.049 | -2.8 | 1.014 |
| 249293.2 | 843815.6 | 40.3 | 11.900 | 7.534 | 32.3 | 14.085 | 24.2 | 11.208 | 0.255 | 0.823 | 72.8 | 0.862 | 2.9 | 1.000 | -0.111 | -6.4 | 1.006 |
| 249292.5 | 843814.9 | 40.3 | 11.843 | 7.498 | 32.3 | 14.017 | 24.2 | 11.154 | 0.253 | 0.827 | 73.0 | 0.865 | 1.4 | 0.983 | -0.177 | -10.2 | 0.999 |
| 249291.8 | 843814.2 | 40.4 | 11.804 | 7.473 | 32.3 | 13.971 | 24.3 | 11.118 | 0.251 | 0.831 | 73.2 | 0.868 | 1.3 | 0.965 | -0.234 | -13.6 | 0.993 |
| 249291.1 | 843813.5 | 40.5 | 11.869 | 7.514 | 32.3 | 14.047 | 24.2 | 11.179 | 0.251 | 0.836 | 73.3 | 0.873 | 1.8 | 0.964 | -0.218 | -12.7 | 0.989 |
| 249290.4 | 843812.8 | 40.7 | 11.977 | 7.581 | 32.3 | 14.175 | 24.2 | 11.280 | 0.252 | 0.841 | 73.3 | 0.878 | 2.3 | 0.966 | -0.175 | -10.3 | 0.982 |
| 249289.8 | 843812.1 | 40.9 | 12.085 | 7.648 | 32.3 | 14.302 | 24.1 | 11.381 | 0.254 | 0.847 | 73.3 | 0.884 | 2.9 | 0.960 | -0.137 | -8.1 | 0.970 |
| 249289.1 | 843811.3 | 40.9 | 12.047 | 7.624 | 32.3 | 14.257 | 24.1 | 11.345 | 0.256 | 0.853 | 73.3 | 0.890 | 4.0 | 0.916 | -0.213 | -13.1 | 0.940 |
| 249288.4 | 843810.6 | 40.9 | 11.976 | 7.580 | 32.3 | 14.173 | 24.1 | 11.279 | 0.260 | 0.859 | 73.1 | 0.898 | 6.6 | 0.857 | -0.317 | -20.3 | 0.914 |
| 249287.7 | 843809.9 | 41.0 | 12.008 | 7.600 | 32.3 | 14.211 | 24.1 | 11.309 | 0.266 | 0.866 | 72.9 | 0.906 | 8.2 | 0.812 | -0.350 | -23.3 | 0.884 |
| 249287.0 | 843809.2 | 41.4 | 12.309 | 7.787 | 32.3 | 14.565 | 24.0 | 11.590 | 0.270 | 0.873 | 72.8 | 0.914 | 6.8 | 0.816 | -0.189 | -13.0 | 0.837 |
| 249286.3 | 843808.5 | 41.7 | 12.561 | 7.943 | 32.3 | 14.862 | 23.9 | 11.827 | 0.276 | 0.880 | 72.6 | 0.922 | 6.6 | 0.800 | -0.071 | -5.1 | 0.803 |
| 249285.6 | 843807.8 | 41.9 | 12.703 | 8.031 | 32.3 | 15.029 | 23.8 | 11.959 | 0.284 | 0.888 | 72.3 | 0.932 | 7.3 | 0.754 | -0.039 | -3.0 | 0.755 |
| 249284.9 | 843807.0 | 42.1 | 12.850 | 8.122 | 32.3 | 15.202 | 23.7 | 12.097 | 0.292 | 0.895 | 71.9 | 0.942 | 8.1 | 0.701 | -0.009 | -0.7 | 0.701 |
| 249284.2 | 843806.3 | 42.4 | 13.117 | 8.287 | 32.3 | 15.515 | 23.6 | 12.347 | 0.301 | 0.903 | 71.5 | 0.951 | 8.2 | 0.666 | 0.098 | 8.4 | 0.673 |
| 249283.5 | 843805.6 | 42.8 | 13.423 | 8.477 | 32.3 | 15.875 | 23.4 | 12.633 | 0.311 | 0.910 | 71.1 | 0.962 | 8.3 | 0.633 | 0.224 | 19.5 | 0.672 |
| 249282.8 | 843804.9 | 43.1 | 13.788 | 8.702 | 32.3 | 16.304 | 23.3 | 12.975 | 0.322 | 0.918 | 70.7 | 0.973 | 8.8 | 0.607 | 0.379 | 32.0 | 0.716 |
| 249282.1 | 843804.2 | 43.5 | 14.192 | 8.952 | 32.2 | 16.780 | 23.1 | 13.353 | 0.335 | 0.927 | 70.1 | 0.985 | 9.7 | 0.585 | 0.547 | 43.1 | 0.801 |
| 249281.4 | 843803.4 | 43.9 | 14.629 | 9.222 | 32.2 | 17.293 | 22.9 | 13.761 | 0.349 | 0.936 | 69.5 | 0.999 | 11.1 | 0.565 | 0.722 | 51.9 | 0.917 |
| 249280.7 | 843802.7 | 44.2 | 14.877 | 9.375 | 32.2 | 17.585 | 22.7 | 13.994 | 0.359 | 0.944 | 69.2 | 1.010 | 10.8 | 0.503 | 0.770 | 56.9 | 0.920 |
| 249280.0 | 843802.0 | 44.4 | 15.058 | 9.486 | 32.2 | 17.797 | 22.6 | 14.163 | 0.367 | 0.952 | 68.9 | 1.020 | 9.8 | 0.423 | 0.769 | 61.2 | 0.878 |
| 249279.3 | 843801.3 | 44.6 | 15.188 | 9.566 | 32.2 | 17.949 | 22.6 | 14.283 | 0.375 | 0.960 | 68.6 | 1.031 | 8.5 | 0.331 | 0.728 | 65.6 | 0.800 |
| 249278.6 | 843800.6 | 44.9 | 15.503 | 9.760 | 32.2 | 18.319 | 22.4 | 14.578 | 0.386 | 0.970 | 68.3 | 1.044 | 8.0 | 0.278 | 0.787 | 70.6 | 0.835 |
| 249277.9 | 843799.9 | 45.2 | 15.888 | 9.996 | 32.2 | 18.771 | 22.2 | 14.937 | 0.396 | 0.981 | 68.0 | 1.057 | 7.7 | 0.240 | 0.873 | 74.6 | 0.906 |
| 249277.2 | 843799.1 | 45.6 | 16.336 | 10.272 | 32.2 | 19.297 | 22.0 | 15.356 | 0.406 | 0.993 | 67.8 | 1.073 | 7.8 | 0.218 | 0.981 | 77.5 | 1.005 |
| 249276.5 | 843798.4 | 46.1 | 16.947 | 10.646 | 32.1 | 20.014 | 21.7 | 15.926 | 0.419 | 1.007 | 67.4 | 1.091 | 9.5 | 0.232 | 1.160 | 78.7 | 1.183 |
| 249275.8 | 843797.7 | 46.5 | 17.473 | 10.968 | 32.1 | 20.630 | 21.5 | 16.416 | 0.430 | 1.022 | 67.2 | 1.109 | 10.6 | 0.230 | 1.275 | 79.8 | 1.296 |
| 249275.1 | 843797.0 | 46.8 | 17.920 | 11.241 | 32.1 | 21.154 | 21.3 | 16.834 | 0.438 | 1.038 | 67.1 | 1.126 | 10.7 | 0.213 | 1.334 | 80.9 | 1.351 |
| 249274.4 | 843796.3 | 47.3 | 18.597 | 11.654 | 32.1 | 21.947 | 21.0 | 17.465 | 0.453 | 1.056 | 66.8 | 1.149 | 13.5 | 0.246 | 1.493 | 80.6 | 1.514 |
| 249273.7 | 843795.5 | 47.6 | 19.116 | 11.970 | 32.1 | 22.555 | 20.7 | 17.948 | 0.462 | 1.074 | 66.7 | 1.169 | 14.2 | 0.249 | 1.558 | 80.9 | 1.578 |
| 249273.0 | 843794.8 | 48.0 | 19.605 | 12.268 | 32.0 | 23.127 | 20.5 | 18.404 | 0.469 | 1.092 | 66.8 | 1.189 | 14.5 | 0.248 | 1.594 | 81.1 | 1.613 |
| 249272.4 | 843794.1 | 48.4 | 20.338 | 12.714 | 32.0 | 23.985 | 20.1 | 19.087 | 0.485 | 1.114 | 66.5 | 1.215 | 17.4 | 0.299 | 1.733 | 80.2 | 1.758 |
| 249271.7 | 843793.4 | 48.8 | 20.853 | 13.026 | 32.0 | 24.587 | 19.9 | 19.566 | 0.492 | 1.134 | 66.6 | 1.236 | 17.7 | 0.309 | 1.755 | 80.0 | 1.782 |
| 249271.0 | 843792.7 | 49.0 | 21.196 | 13.234 | 32.0 | 24.988 | 19.7 | 19.885 | 0.490 | 1.151 | 66.9 | 1.251 | 15.9 | 0.290 | 1.689 | 80.3 | 1.713 |
| 249270.3 | 843792.0 | 49.5 | 22.031 | 13.740 | 32.0 | 25.964 | 19.3 | 20.662 | 0.509 | 1.176 | 66.6 | 1.281 | 19.6 | 0.366 | 1.834 | 78.7 | 1.870 |
| 249269.6 | 843791.2 | 49.8 | 22.664 | 14.123 | 31.9 | 26.704 | 19.0 | 21.250 | 0.519 | 1.198 | 66.6 | 1.306 | 20.9 | 0.406 | 1.877 | 77.8 | 1.921 |
| 249268.9 | 843790.5 | 50.2 | 23.318 | 14.518 | 31.9 | 27.468 | 18.7 | 21.858 | 0.530 | 1.220 | 66.5 | 1.331 | 22.2 | 0.452 | 1.920 | 76.8 | 1.972 |
| 249268.2 | 843789.8 | 50.5 | 23.959 | 14.905 | 31.9 | 28.217 | 18.4 | 22.454 | 0.540 | 1.243 | 66.5 | 1.355 | 23.4 | 0.497 | 1.948 | 75.7 | 2.010 |
| 249267.5 | 843789.1 | 50.7 | 24.139 | 15.013 | 31.9 | 28.426 | 18.4 | 22.621 | 0.524 | 1.259 | 67.4 | 1.363 | 19.6 | 0.467 | 1.774 | 75.3 | 1.834 |
| 249266.8 | 843788.4 | 51.0 | 24.738 | 15.374 | 31.9 | 29.127 | 18.1 | 23.178 | 0.530 | 1.280 | 67.5 | 1.385 | 20.3 | 0.510 | 1.773 | 73.9 | 1.845 |
| 249266.1 | 843787.6 | 51.5 | 25.610 | 15.899 | 31.8 | 30.144 | 17.7 | 23.988 | 0.551 | 1.305 | 67.1 | 1.416 | 23.6 | 0.599 | 1.879 | 72.3 | 1.972 |
| 249265.4 | 843786.9 | 51.9 | 26.553 | 16.465 | 31.8 | 31.243 | 17.3 | 24.863 | 0.580 | 1.330 | 66.5 | 1.451 | 27.5 | 0.697 | 2.006 | 70.8 | 2.123 |
| 249264.7 | 843786.2 | 52.2 | 27.096 | 16.791 | 31.8 | 31.877 | 17.0 | 25.367 | 0.583 | 1.350 | 66.7 | 1.470 | 27.5 | 0.734 | 1.968 | 69.6 | 2.100 |
| 249264.0 | 843785.5 | 52.5 | 27.629 | 17.110 | 31.8 | 32.498 | 16.8 | 25.861 | 0.585 | 1.368 | 66.9 | 1.488 | 27.4 | 0.770 | 1.925 | 68.2 | 2.073 |
| 249263.3 | 843784.8 | 52.8 | 28.355 | 17.545 | 31.7 | 33.345 | 16.4 | 26.535 | 0.601 | 1.389 | 66.6 | 1.513 | 29.1 | 0.835 | 1.957 | 66.9 | 2.128 |
| 249262.6 | 843784.1 | 53.2 | 29.291 | 18.105 | 31.7 | 34.434 | 16.0 | 27.402 | 0.635 | 1.412 | 65.8 | 1.548 | 32.9 | 0.928 | 2.069 | 65.8 | 2.268 |
| 249261.9 | 843783.3 | 53.5 | 30.009 | 18.535 | 31.7 | 35.271 | 15.7 | 28.068 | 0.653 | 1.430 | 65.5 | 1.572 | 34.6 | 0.990 | 2.098 | 64.7 | 2.319 |
| 249261.2 | 843782.6 | 53.8 | 30.453 | 18.800 | 31.7 | 35.789 | 15.5 | 28.480 | 0.650 | 1.444 | 65.8 | 1.583 | 33.9 | 1.016 | 2.026 | 63.4 | 2.266 |
| 249260.5 | 843781.9 | 54.1 | 31.413 | 19.373 | 31.7 | 36.906 | 15.1 | 29.369 | 0.691 | 1.464 | 64.7 | 1.619 | 37.9 | 1.106 | 2.149 | 62.8 | 2.417 |
| 249259.8 | 843781.2 | 54.4 | 31.995 | 19.721 | 31.6 | 37.584 | 14.8 | 29.909 | 0.702 | 1.478 | 64.6 | 1.636 | 38.7 | 1.149 | 2.136 | 61.7 | 2.426 |
| 249259.1 | 843780.5 | 54.7 | 32.544 | 20.048 | 31.6 | 38.224 | 14.6 | 30.418 | 0.711 | 1.490 | 64.5 | 1.651 | 39.3 | 1.187 | 2.117 | 60.7 | 2.427 |
| 249258.4 | 843779.7 | 54.9 | 33.025 | 20.335 | 31.6 | 38.783 | 14.4 | 30.863 | 0.714 | 1.501 | 64.6 | 1.662 | 39.3 | 1.217 | 2.078 | 59.6 | 2.408 |
| 249257.7 | 843779.0 | 55.0 | 32.974 | 20.305 | 31.6 | 38.725 | 14.4 | 30.816 | 0.671 | 1.503 | 65.9 | 1.646 | 34.9 | 1.186 | 1.854 | 57.4 | 2.201 |
| 249257.0 | 843778.3 | 55.1 | 32.837 | 20.224 | 31.6 | 38.565 | 14.4 | 30.689 | 0.624 | 1.504 | 67.5 | 1.629 | 29.7 | 1.147 | 1.604 | 54.4 | 1.972 |
| 249256.3 | 843777.6 | 55.2 | 32.727 | 20.158 | 31.6 | 38.437 | 14.5 | 30.587 | 0.583 | 1.507 | 68.9 | 1.615 | 24.7 | 1.112 | 1.369 | 50.9 | 1.764 |
| 249255.6 | 843776.9 | 55.3 | 32.694 | 20.139 | 31.6 | 38.400 | 14.5 | 30.557 | 0.551 | 1.510 | 69.9 | 1.607 | 20.6 | 1.087 | 1.169 | 47.1 | 1.596 |
| 249255.0 | 843776.2 | 55.5 | 33.053 | 20.353 | 31.6 | 38.817 | 14.3 | 30.889 | 0.548 | 1.517 | 70.1 | 1.613 | 20.2 | 1.108 | 1.120 | 45.3 | 1.576 |
| 249254.3 | 843775.4 | 55.8 | 33.888 | 20.851 | 31.6 | 39.789 | 14.0 | 31.663 | 0.580 | 1.527 | 69.2 | 1.634 | 24.4 | 1.184 | 1.254 | 46.6 | 1.725 |
| 249253.6 | 843774.7 | 56.3 | 35.296 | 21.689 | 31.6 | 41.427 | 13.3 | 32.967 | 0.666 | 1.545 | 66.7 | 1.682 | 33.7 | 1.319 | 1.592 | 50.4 | 2.067 |
| 249252.9 | 843774.0 | 56.6 | 36.046 | 22.136 | 31.6 | 42.301 | 13.0 | 33.662 | 0.702 | 1.555 | 65.7 | 1.706 | 37.2 | 1.380 | 1.695 | 50.8 | 2.186 |
| 249252.2 | 843773.3 | 56.8 | 36.381 | 22.336 | 31.5 | 42.690 | 12.9 | 33.972 | 0.701 | 1.560 | 65.8 | 1.711 | 37.1 | 1.399 | 1.659 | 49.9 | 2.170 |
| 249251.5 | 843772.6 | 57.0 | 36.767 | 22.566 | 31.5 | 43.140 | 12.7 | 34.330 | 0.707 | 1.566 | 65.7 | 1.718 | 37.6 | 1.422 | 1.648 | 49.2 | 2.177 |
| 249250.8 | 843771.8 | 57.2 | 37.079 | 22.752 | 31.5 | 43.502 | 12.5 | 34.618 | 0.707 | 1.570 | 65.8 | 1.722 | 37.6 | 1.439 | 1.617 | 48.3 | 2.164 |
| 249250.1 | 843771.1 | 57.5 | 37.871 | 23.223 | 31.5 | 44.424 | 12.2 | 35.351 | 0.756 | 1.580 | 64.4 | 1.752 | 41.9 | 1.501 | 1.754 | 49.5 | 2.309 |
| 249249.4 | 843770.4 | 57.5 | 37.660 | 23.098 | 31.5 | 44.179 | 12.3 | 35.157 | 0.708 | 1.577 | 65.8 | 1.728 | 37.8 | 1.467 | 1.561 | 46.8 | 2.142 |
| 249248.7 | 843769.7 | 57.6 | 37.564 | 23.042 | 31.5 | 44.068 | 12.3 | 35.068 | 0.675 | 1.575 | 66.8 | 1.714 | 34.7 | 1.444 | 1.413 | 44.4 | 2.020 |
| 249248.0 | 843769.0 | 57.8 | 37.923 | 23.256 | 31.5 | 44.486 | 12.2 | 35.401 | 0.686 | 1.579 | 66.5 | 1.722 | 35.8 | 1.464 | 1.426 | 44.3 | 2.044 |
| 249247.3 | 843768.3 | 58.0 | 38.006 | 23.305 | 31.5 | 44.582 | 12.1 | 35.477 | 0.674 | 1.579 | 66.9 | 1.717 | 34.7 | 1.458 | 1.353 | 42.9 | 1.988 |
| 249246.6 | 843767.5 | 58.1 | 38.197 | 23.419 | 31.5 | 44.805 | 12.0 | 35.654 | 0.673 | 1.581 | 66.9 | 1.718 | 34.6 | 1.461 | 1.323 | 42.2 | 1.971 |
| 249245.9 | 843766.8 | 58.3 | 38.345 | 23.508 | 31.5 | 44.978 | 12.0 | 35.792 | 0.671 | 1.582 | 67.0 | 1.718 | 34.4 | 1.461 | 1.287 | 41.4 | 1.947 |
| 249245.2 | 843766.1 | 58.5 | 38.491 | 23.595 | 31.5 | 45.148 | 11.9 | 35.928 | 0.670 | 1.583 | 67.1 | 1.719 | 34.4 | 1.461 | 1.256 | 40.7 | 1.927 |
| 249244.5 | 843765.4 | 58.6 | 38.762 | 23.757 | 31.5 | 45.463 | 11.8 | 36.178 | 0.683 | 1.586 | 66.7 | 1.727 | 35.7 | 1.473 | 1.276 | 40.9 | 1.948 |

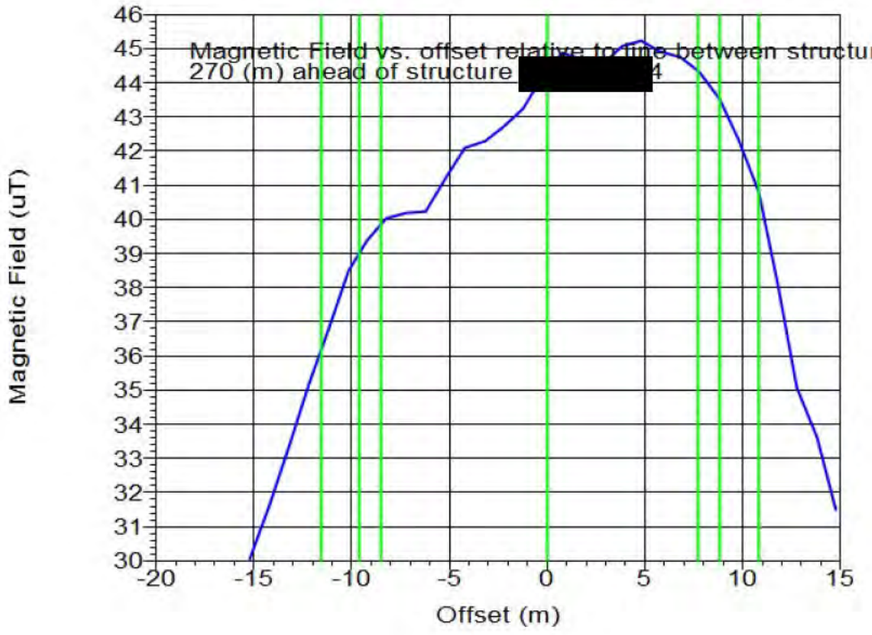
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249243.8 | 843764.7 | 58.8 | 39.068 | 23.939 | 31.5 | 45.819 | 11.6 | 36.461 | 0.702 | 1.589 | 66.1 | 1.737 | 37.5 | 1.488 | 1.314 | 41.5 | 1.985 |
| 249243.1 | 843764.0 | 59.0 | 39.092 | 23.954 | 31.5 | 45.847 | 11.6 | 36.484 | 0.696 | 1.588 | 66.3 | 1.734 | 37.0 | 1.478 | 1.266 | 40.6 | 1.946 |
| 249242.4 | 843763.2 | 59.1 | 38.877 | 23.827 | 31.5 | 45.598 | 11.7 | 36.286 | 0.668 | 1.586 | 67.1 | 1.721 | 34.5 | 1.448 | 1.144 | 38.3 | 1.846 |
| 249241.7 | 843762.5 | 59.1 | 38.682 | 23.711 | 31.5 | 45.371 | 11.8 | 36.105 | 0.645 | 1.583 | 67.8 | 1.710 | 32.4 | 1.421 | 1.036 | 36.1 | 1.758 |
| 249241.0 | 843761.8 | 59.3 | 38.649 | 23.692 | 31.5 | 45.333 | 11.8 | 36.075 | 0.639 | 1.583 | 68.0 | 1.707 | 32.0 | 1.409 | 0.991 | 35.1 | 1.722 |
| 249240.3 | 843761.1 | 59.4 | 38.667 | 23.703 | 31.5 | 45.354 | 11.8 | 36.092 | 0.641 | 1.583 | 68.0 | 1.708 | 32.2 | 1.403 | 0.971 | 34.7 | 1.706 |
| 249239.6 | 843760.4 | 59.5 | 38.495 | 23.601 | 31.5 | 45.154 | 11.9 | 35.933 | 0.626 | 1.581 | 68.4 | 1.701 | 31.0 | 1.380 | 0.895 | 33.0 | 1.645 |
| 249238.9 | 843759.6 | 59.5 | 38.211 | 23.432 | 31.5 | 44.824 | 12.0 | 35.670 | 0.603 | 1.579 | 69.1 | 1.690 | 28.9 | 1.348 | 0.787 | 30.3 | 1.561 |
| 249238.2 | 843758.9 | 59.7 | 38.147 | 23.394 | 31.5 | 44.749 | 12.0 | 35.610 | 0.603 | 1.578 | 69.1 | 1.689 | 29.0 | 1.335 | 0.766 | 29.9 | 1.539 |
| 249237.6 | 843758.2 | 59.9 | 38.413 | 23.553 | 31.5 | 45.059 | 11.9 | 35.857 | 0.636 | 1.579 | 68.0 | 1.702 | 32.3 | 1.351 | 0.872 | 32.8 | 1.608 |
| 249236.9 | 843757.5 | 60.1 | 38.768 | 23.765 | 31.5 | 45.472 | 11.7 | 36.186 | 0.682 | 1.581 | 66.7 | 1.722 | 36.6 | 1.373 | 1.018 | 36.6 | 1.710 |
| 249236.2 | 843756.8 | 60.2 | 38.775 | 23.769 | 31.5 | 45.480 | 11.7 | 36.192 | 0.697 | 1.580 | 66.2 | 1.726 | 37.9 | 1.362 | 1.055 | 37.8 | 1.723 |
| 249235.5 | 843756.1 | 60.3 | 38.779 | 23.772 | 31.5 | 45.485 | 11.7 | 36.196 | 0.713 | 1.578 | 65.7 | 1.731 | 39.5 | 1.349 | 1.103 | 39.3 | 1.742 |
| 249234.8 | 843755.3 | 60.4 | 38.528 | 23.622 | 31.5 | 45.193 | 11.8 | 35.963 | 0.706 | 1.572 | 65.8 | 1.724 | 39.0 | 1.309 | 1.073 | 39.3 | 1.693 |
| 249234.1 | 843754.6 | 60.5 | 38.214 | 23.436 | 31.5 | 44.828 | 12.0 | 35.673 | 0.695 | 1.566 | 66.1 | 1.713 | 38.1 | 1.261 | 1.033 | 39.3 | 1.630 |
| 249233.4 | 843753.9 | 60.5 | 37.844 | 23.215 | 31.5 | 44.397 | 12.1 | 35.330 | 0.680 | 1.558 | 66.4 | 1.700 | 36.9 | 1.202 | 0.985 | 39.3 | 1.554 |
| 249232.7 | 843753.2 | 60.6 | 37.693 | 23.126 | 31.5 | 44.222 | 12.2 | 35.191 | 0.690 | 1.552 | 66.0 | 1.699 | 37.8 | 1.159 | 1.027 | 41.5 | 1.549 |
| 249232.0 | 843752.5 | 60.8 | 37.687 | 23.122 | 31.5 | 44.215 | 12.2 | 35.185 | 0.715 | 1.547 | 65.2 | 1.705 | 40.2 | 1.124 | 1.133 | 45.2 | 1.596 |
| 249231.3 | 843751.7 | 60.9 | 37.496 | 23.008 | 31.5 | 43.992 | 12.3 | 35.008 | 0.724 | 1.540 | 64.8 | 1.702 | 41.0 | 1.067 | 1.184 | 48.0 | 1.594 |
| 249230.6 | 843751.0 | 60.9 | 37.174 | 22.816 | 31.5 | 43.618 | 12.4 | 34.710 | 0.722 | 1.530 | 64.8 | 1.692 | 40.9 | 0.993 | 1.199 | 50.4 | 1.557 |
| 249229.9 | 843750.3 | 61.0 | 36.824 | 22.608 | 31.5 | 43.210 | 12.6 | 34.386 | 0.718 | 1.520 | 64.7 | 1.681 | 40.6 | 0.912 | 1.215 | 53.1 | 1.519 |
| 249229.2 | 843749.6 | 61.0 | 36.212 | 22.242 | 31.6 | 42.498 | 12.8 | 33.818 | 0.690 | 1.507 | 65.4 | 1.657 | 38.0 | 0.800 | 1.144 | 55.0 | 1.396 |
| 249228.5 | 843748.9 | 61.0 | 35.722 | 21.949 | 31.6 | 41.926 | 13.0 | 33.364 | 0.675 | 1.495 | 65.7 | 1.640 | 36.6 | 0.694 | 1.125 | 58.3 | 1.322 |
| 249227.8 | 843748.2 | 61.0 | 35.278 | 21.684 | 31.6 | 41.409 | 13.2 | 32.952 | 0.667 | 1.482 | 65.8 | 1.625 | 35.7 | 0.589 | 1.131 | 62.5 | 1.275 |
| 249227.1 | 843747.4 | 61.1 | 34.878 | 21.445 | 31.6 | 40.944 | 13.4 | 32.582 | 0.663 | 1.470 | 65.7 | 1.612 | 35.2 | 0.484 | 1.161 | 67.4 | 1.258 |
| 249226.4 | 843746.7 | 61.1 | 34.487 | 21.212 | 31.6 | 40.489 | 13.6 | 32.220 | 0.661 | 1.457 | 65.6 | 1.600 | 34.9 | 0.376 | 1.202 | 72.6 | 1.259 |
| 249225.7 | 843746.0 | 61.2 | 34.382 | 21.149 | 31.6 | 40.366 | 13.6 | 32.122 | 0.684 | 1.447 | 64.7 | 1.601 | 37.3 | 0.298 | 1.356 | 77.6 | 1.388 |
| 249225.0 | 843745.3 | 61.4 | 34.380 | 21.147 | 31.6 | 40.363 | 13.6 | 32.120 | 0.717 | 1.439 | 63.5 | 1.608 | 40.7 | 0.231 | 1.553 | 81.5 | 1.570 |
| 249224.3 | 843744.6 | 61.4 | 34.101 | 20.980 | 31.6 | 40.038 | 13.7 | 31.861 | 0.726 | 1.427 | 63.0 | 1.601 | 41.6 | 0.134 | 1.650 | 85.4 | 1.656 |
| 249223.6 | 843743.8 | 61.5 | 33.597 | 20.679 | 31.6 | 39.451 | 13.9 | 31.394 | 0.714 | 1.412 | 63.2 | 1.582 | 40.4 | 0.009 | 1.667 | 89.7 | 1.667 |
| 249222.9 | 843743.1 | 61.5 | 33.109 | 20.386 | 31.6 | 38.882 | 14.1 | 30.941 | 0.704 | 1.397 | 63.3 | 1.564 | 39.4 | -0.114 | 1.690 | -86.2 | 1.694 |
| 249222.2 | 843742.4 | 61.5 | 32.704 | 20.143 | 31.6 | 38.410 | 14.3 | 30.565 | 0.701 | 1.383 | 63.1 | 1.551 | 39.1 | -0.226 | 1.746 | -82.6 | 1.761 |
| 249221.5 | 843741.7 | 61.6 | 32.477 | 20.007 | 31.6 | 38.146 | 14.4 | 30.355 | 0.714 | 1.372 | 62.5 | 1.546 | 40.5 | -0.314 | 1.870 | -80.5 | 1.897 |
| 249220.8 | 843741.0 | 61.7 | 32.247 | 19.869 | 31.6 | 37.877 | 14.5 | 30.141 | 0.725 | 1.360 | 61.9 | 1.542 | 42.0 | -0.399 | 1.992 | -78.7 | 2.032 |
| 249220.1 | 843740.3 | 61.8 | 32.151 | 19.811 | 31.6 | 37.765 | 14.5 | 30.052 | 0.748 | 1.351 | 61.0 | 1.544 | 44.7 | -0.463 | 2.163 | -77.9 | 2.212 |
| 249219.5 | 843739.5 | 61.8 | 31.666 | 19.520 | 31.7 | 37.199 | 14.8 | 29.602 | 0.736 | 1.336 | 61.1 | 1.526 | 43.6 | -0.576 | 2.184 | -75.2 | 2.259 |
| 249218.8 | 843738.8 | 61.7 | 30.905 | 19.063 | 31.7 | 36.311 | 15.1 | 28.895 | 0.702 | 1.317 | 61.9 | 1.492 | 39.7 | -0.726 | 2.096 | -70.9 | 2.218 |
| 249218.1 | 843738.1 | 61.7 | 30.283 | 18.701 | 31.7 | 35.592 | 15.4 | 28.323 | 0.680 | 1.302 | 62.4 | 1.469 | 36.8 | -0.831 | 1.965 | -67.1 | 2.134 |
| 249217.4 | 843737.4 | 61.7 | 29.876 | 18.456 | 31.7 | 35.117 | 15.5 | 27.945 | 0.674 | 1.289 | 62.4 | 1.454 | 36.2 | -0.926 | 1.999 | -65.2 | 2.203 |
| 249216.7 | 843736.7 | 61.7 | 29.233 | 18.070 | 31.7 | 34.367 | 15.8 | 27.349 | 0.650 | 1.272 | 62.9 | 1.429 | 33.1 | -1.054 | 1.933 | -61.4 | 2.201 |
| 249216.0 | 843735.9 | 61.6 | 28.407 | 17.572 | 31.7 | 33.403 | 16.2 | 26.581 | 0.616 | 1.253 | 63.8 | 1.396 | 27.8 | -1.210 | 1.782 | -55.8 | 2.154 |
| 249215.3 | 843735.2 | 61.5 | 27.758 | 17.181 | 31.8 | 32.646 | 16.5 | 25.979 | 0.595 | 1.238 | 64.3 | 1.373 | 24.1 | -1.337 | 1.691 | -51.7 | 2.156 |
| 249214.6 | 843734.5 | 61.5 | 27.271 | 16.887 | 31.8 | 32.076 | 16.7 | 25.525 | 0.583 | 1.226 | 64.6 | 1.357 | 22.0 | -1.437 | 1.655 | -49.0 | 2.191 |
| 249213.9 | 843733.8 | 61.6 | 26.930 | 16.681 | 31.8 | 31.677 | 16.8 | 25.208 | 0.578 | 1.216 | 64.6 | 1.347 | 21.3 | -1.509 | 1.668 | -47.9 | 2.249 |
| 249213.2 | 843733.1 | 61.6 | 26.626 | 16.498 | 31.8 | 31.323 | 17.0 | 24.926 | 0.574 | 1.208 | 64.6 | 1.338 | 20.9 | -1.573 | 1.685 | -47.0 | 2.305 |
| 249212.5 | 843732.4 | 61.6 | 26.204 | 16.242 | 31.8 | 30.830 | 17.1 | 24.533 | 0.564 | 1.200 | 64.8 | 1.326 | 18.8 | -1.657 | 1.640 | -44.7 | 2.332 |
| 249211.8 | 843731.6 | 61.6 | 25.717 | 15.948 | 31.8 | 30.260 | 17.3 | 24.081 | 0.552 | 1.191 | 65.2 | 1.313 | 15.9 | -1.753 | 1.553 | -41.5 | 2.342 |
| 249211.1 | 843730.9 | 61.6 | 25.239 | 15.659 | 31.8 | 29.702 | 17.6 | 23.636 | 0.541 | 1.184 | 65.5 | 1.302 | 12.7 | -1.849 | 1.455 | -38.2 | 2.353 |
| 249210.4 | 843730.2 | 61.6 | 24.925 | 15.468 | 31.8 | 29.335 | 17.7 | 23.344 | 0.535 | 1.181 | 65.6 | 1.296 | 11.2 | -1.917 | 1.414 | -36.4 | 2.382 |
| 249209.7 | 843729.5 | 61.7 | 24.702 | 15.333 | 31.8 | 29.073 | 17.8 | 23.136 | 0.532 | 1.179 | 65.7 | 1.294 | 10.5 | -1.970 | 1.398 | -35.4 | 2.416 |
| 249209.0 | 843728.8 | 61.8 | 24.495 | 15.207 | 31.8 | 28.832 | 17.9 | 22.943 | 0.529 | 1.179 | 65.8 | 1.292 | 9.6 | -2.023 | 1.376 | -34.2 | 2.446 |
| 249208.3 | 843728.0 | 61.9 | 24.457 | 15.183 | 31.8 | 28.787 | 17.9 | 22.908 | 0.529 | 1.182 | 65.9 | 1.295 | 10.2 | -2.047 | 1.416 | -34.7 | 2.489 |
| 249207.6 | 843727.3 | 62.1 | 24.507 | 15.213 | 31.8 | 28.845 | 17.9 | 22.954 | 0.531 | 1.186 | 65.9 | 1.300 | 11.3 | -2.059 | 1.481 | -35.7 | 2.537 |
| 249206.9 | 843726.6 | 62.3 | 24.555 | 15.241 | 31.8 | 28.901 | 17.8 | 22.998 | 0.533 | 1.192 | 65.9 | 1.306 | 12.1 | -2.077 | 1.534 | -36.4 | 2.582 |
| 249206.2 | 843725.9 | 62.5 | 24.601 | 15.268 | 31.8 | 28.954 | 17.8 | 23.041 | 0.535 | 1.199 | 65.9 | 1.313 | 12.6 | -2.100 | 1.573 | -36.8 | 2.624 |
| 249205.5 | 843725.2 | 62.7 | 24.682 | 15.316 | 31.8 | 29.048 | 17.8 | 23.115 | 0.538 | 1.206 | 66.0 | 1.321 | 13.2 | -2.122 | 1.617 | -37.3 | 2.668 |
| 249204.8 | 843724.5 | 62.8 | 24.682 | 15.315 | 31.8 | 29.047 | 17.8 | 23.115 | 0.539 | 1.213 | 66.1 | 1.328 | 12.7 | -2.165 | 1.615 | -36.7 | 2.701 |
| 249204.1 | 843723.7 | 63.1 | 25.059 | 15.542 | 31.8 | 29.487 | 17.6 | 23.465 | 0.552 | 1.225 | 65.7 | 1.344 | 15.9 | -2.145 | 1.770 | -39.5 | 2.781 |
| 249203.4 | 843723.0 | 63.4 | 25.362 | 15.724 | 31.8 | 29.841 | 17.5 | 23.747 | 0.564 | 1.236 | 65.5 | 1.359 | 18.2 | -2.145 | 1.885 | -41.3 | 2.855 |
| 249202.7 | 843722.3 | 63.6 | 25.494 | 15.803 | 31.8 | 29.995 | 17.4 | 23.869 | 0.570 | 1.246 | 65.4 | 1.370 | 18.6 | -2.181 | 1.918 | -41.3 | 2.904 |
| 249202.1 | 843721.6 | 63.8 | 25.553 | 15.838 | 31.8 | 30.064 | 17.4 | 23.924 | 0.572 | 1.254 | 65.5 | 1.378 | 18.1 | -2.235 | 1.916 | -40.6 | 2.944 |
| 249201.4 | 843720.9 | 64.0 | 25.750 | 15.956 | 31.8 | 30.293 | 17.3 | 24.106 | 0.580 | 1.264 | 65.3 | 1.391 | 18.9 | -2.269 | 1.969 | -41.0 | 3.005 |
| 249200.7 | 843720.1 | 64.4 | 26.176 | 16.212 | 31.8 | 30.790 | 17.1 | 24.502 | 0.600 | 1.276 | 64.8 | 1.410 | 22.0 | -2.267 | 2.119 | -43.1 | 3.103 |
| 249200.0 | 843719.4 | 64.7 | 26.608 | 16.472 | 31.8 | 31.294 | 16.9 | 24.903 | 0.623 | 1.288 | 64.2 | 1.430 | 25.2 | -2.266 | 2.268 | -45.0 | 3.206 |
| 249199.3 | 843718.7 | 65.0 | 27.050 | 16.738 | 31.7 | 31.810 | 16.7 | 25.314 | 0.647 | 1.299 | 63.5 | 1.452 | 28.4 | -2.266 | 2.420 | -46.9 | 3.315 |
| 249198.6 | 843718.0 | 65.3 | 27.474 | 16.993 | 31.7 | 32.305 | 16.5 | 25.707 | 0.672 | 1.310 | 62.8 | 1.473 | 31.5 | -2.269 | 2.565 | -48.5 | 3.425 |
| 249197.9 | 843717.3 | 65.5 | 27.682 | 17.117 | 31.7 | 32.547 | 16.4 | 25.900 | 0.684 | 1.318 | 62.6 | 1.485 | 32.5 | -2.310 | 2.624 | -48.6 | 3.496 |
| 249197.2 | 843716.6 | 65.8 | 27.883 | 17.237 | 31.7 | 32.780 | 16.3 | 26.086 | 0.696 | 1.324 | 62.3 | 1.496 | 33.5 | -2.350 | 2.684 | -48.8 | 3.567 |
| 249196.5 | 843715.8 | 66.0 | 28.082 | 17.356 | 31.7 | 33.012 | 16.2 | 26.270 | 0.708 | 1.330 | 62.0 | 1.507 | 34.6 | -2.387 | 2.748 | -49.0 | 3.640 |
| 249195.8 | 843715.1 | 66.2 | 28.280 | 17.474 | 31.7 | 33.243 | 16.1 | 26.454 | 0.721 | 1.335 | 61.6 | 1.517 | 35.9 | -2.420 | 2.818 | -49.3 | 3.714 |
| 249195.1 | 843714.4 | 66.5 | 28.534 | 17.626 | 31.7 | 33.539 | 16.0 | 26.690 | 0.738 | 1.340 | 61.1 | 1.530 | 37.9 | -2.438 | 2.916 | -50.1 | 3.801 |
| 249194.4 | 843713.7 | 66.7 | 28.768 | 17.766 | 31.7 | 33.811 | 15.9 | 26.906 | 0.755 | 1.344 | 60.7 | 1.542 | 39.9 | -2.454 | 3.014 | -50.9 | 3.887 |
| 249193.7 | 843713.0 | 67.0 | 29.010 | 17.911 | 31.7 | 34.094 | 15.8 | 27.131 | 0.775 | 1.347 | 60.1 | 1.554 | 42.2 | -2.460 | 3.123 | -51.8 | 3.976 |
| 249193.0 | 843712.3 | 67.2 | 29.307 | 18.089 | 31.7 | 34.440 | 15.7 | 27.407 | 0.800 | 1.350 | 59.4 | 1.570 | 45.3 | -2.450 | 3.262 | -53.1 | 4.079 |
| 249192.3 | 843711.5 | 67.4 | 29.377 | 18.130 | 31.7 | 34.521 | 15.6 | 27.471 | 0.809 | 1.349 | 59.1 | 1.573 | 46.4 | -2.471 | 3.320 | -53.3 | 4.139 |
| 249191.6 | 843710.8 | 67.6 | 29.451 | 18.173 | 31.7 | 34.607 | 15.6 | 27.539 | 0.819 | 1.347 | 58.7 | 1.576 | 47.8 | -2.484 | 3.390 | -53.8 | 4.202 |
| 249190.9 | 843710.1 | 67.9 | 29.853 | 18.414 | 31.7 | 35.075 | 15.4 | 27.912 | 0.858 | 1.351 | 57.6 | 1.600 | 52.5 | -2.429 | 3.594 | -55.9 | 4.338 |
| 249190.2 | 843709.4 | 68.2 | 30.085 | 18.552 | 31.7 | 35.346 | 15.3 | 28.127 | 0.885 | 1.350 | 56.8 | 1.614 | 55.9 | -2.397 | 3.740 | -57.3 | 4.442 |
| 249189.5 | 843708.7 | 68.3 | 30.064 | 18.539 | 31.7 | 35.321 | 15.3 | 28.107 | 0.892 | 1.345 | 56.5 | 1.613 | 57.1 | -2.401 | 3.800 | -57.7 | 4.494 |
| 249188.8 | 843707.9 | 68.5 | 29.974 | 18.484 | 31.7 | 35.215 | 15.4 | 28.023 | 0.894 | 1.337 | 56.2 | 1.608 | 57.9 | -2.409 | 3.842 | -57.9 | 4.535 |
| 249188.1 | 843707.2 | 68.5 | 29.375 | 18.123 | 31.7 | 34.516 | 15.6 | 27.467 | 0.855 | 1.318 | 57.0 | 1.571 | 54.1 | -2.501 | 3.702 | -56.0 | 4.468 |
| 249187.4 | 843706.5 | 68.6 | 29.018 | 17.906 | 31.7 | 34.098 | 15.8 | 27.134 | 0.838 | 1.303 | 57.2 | 1.549 | 52.7 | -2.544 | 3.659 | -55.2 | 4.456 |
| 249186.7 | 843705.8 | 68.7 | 28.863 | 17.812 | 31.7 | 33.917 | 15.8 | 26.990 | 0.839 | 1.292 | 57.0 | 1.541 | 53.5 | -2.543 | 3.699 | -55.5 | 4.489 |
| 249186.0 | 843705.1 | 68.8 | 28.635 | 17.674 | 31.7 | 33.651 | 15.9 | 26.778 | 0.835 | 1.280 | 56.9 | 1.528 | 53.7 | -2.548 | 3.718 | -55.6 | 4.507 |
| 249185.3 | 843704.4 | 68.9 | 28.416 | 17.541 | 31.7 | 33.394 | 16.0 | 26.574 | 0.832 | 1.267 | 56.7 | 1.516 | 54.1 | -2.546 | 3.744 | -55.8 | 4.528 |
| 249184.7 | 843703.6 | 69.0 | 28.110 | 17.356 | 31.7 | 33.037 | 16.2 | 26.290 | 0.823 | 1.253 | 56.7 | 1.499 | 53.8 | -2.556 | 3.741 | -55.7 | 4.531 |
| 249184.0 | 843702.9 | 69.0 | 27.565 | 17.027 | 31.7 | 32.400 | 16.4 | 25.783 | 0.795 | 1.233 | 57.2 | 1.467 | 51.2 | -2.607 | 3.648 | -54.5 | 4.484 |

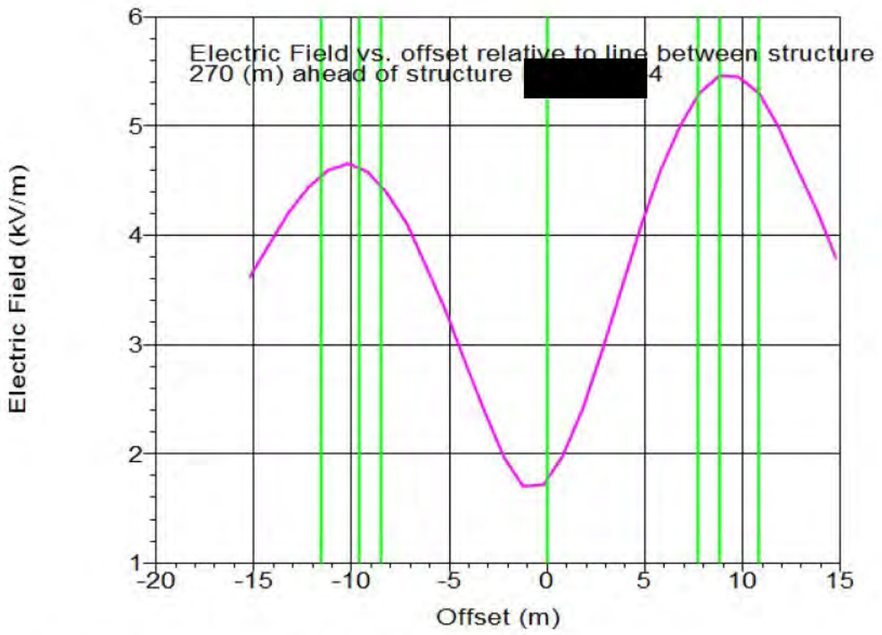
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249183.3 | 843702.2 | 69.0 | 27.080 | 16.734 | 31.7 | 31.833 | 16.6 | 25.332 | 0.773 | 1.215 | 57.5 | 1.440 | 49.2 | -2.643 | 3.580 | -53.6 | 4.450 |
| 249182.6 | 843701.5 | 69.1 | 26.643 | 16.469 | 31.7 | 31.323 | 16.8 | 24.926 | 0.756 | 1.198 | 57.7 | 1.416 | 47.7 | -2.667 | 3.529 | -52.9 | 4.424 |
| 249181.9 | 843700.8 | 69.1 | 26.159 | 16.176 | 31.7 | 30.757 | 17.0 | 24.475 | 0.735 | 1.180 | 58.1 | 1.390 | 45.6 | -2.698 | 3.459 | -52.0 | 4.387 |
| 249181.2 | 843700.0 | 69.0 | 25.468 | 15.758 | 31.7 | 29.949 | 17.3 | 23.832 | 0.701 | 1.158 | 58.8 | 1.354 | 41.3 | -2.771 | 3.302 | -50.0 | 4.311 |
| 249180.5 | 843699.3 | 68.9 | 24.654 | 15.265 | 31.8 | 28.997 | 17.7 | 23.075 | 0.661 | 1.135 | 59.8 | 1.313 | 35.6 | -2.872 | 3.087 | -47.1 | 4.216 |
| 249179.8 | 843698.6 | 68.8 | 24.018 | 14.879 | 31.8 | 28.254 | 17.9 | 22.484 | 0.635 | 1.116 | 60.3 | 1.284 | 31.6 | -2.935 | 2.939 | -45.0 | 4.154 |
| 249179.1 | 843697.9 | 68.9 | 23.555 | 14.598 | 31.8 | 27.711 | 18.1 | 22.052 | 0.621 | 1.101 | 60.6 | 1.264 | 29.6 | -2.960 | 2.858 | -44.0 | 4.115 |
| 249178.4 | 843697.2 | 68.8 | 23.039 | 14.284 | 31.8 | 27.108 | 18.4 | 21.572 | 0.605 | 1.085 | 60.9 | 1.242 | 26.8 | -2.998 | 2.747 | -42.5 | 4.066 |
| 249177.7 | 843696.5 | 68.9 | 22.697 | 14.076 | 31.8 | 26.707 | 18.5 | 21.253 | 0.597 | 1.074 | 60.9 | 1.228 | 25.9 | -2.994 | 2.707 | -42.1 | 4.036 |
| 249177.0 | 843695.7 | 69.0 | 22.430 | 13.913 | 31.8 | 26.395 | 18.6 | 21.004 | 0.593 | 1.064 | 60.9 | 1.218 | 25.8 | -2.971 | 2.694 | -42.2 | 4.011 |
| 249176.3 | 843695.0 | 69.0 | 22.164 | 13.751 | 31.8 | 26.084 | 18.7 | 20.757 | 0.588 | 1.055 | 60.9 | 1.208 | 25.7 | -2.948 | 2.674 | -42.2 | 3.980 |
| 249175.6 | 843694.3 | 69.1 | 21.797 | 13.527 | 31.8 | 25.653 | 18.9 | 20.414 | 0.580 | 1.046 | 61.0 | 1.196 | 24.3 | -2.948 | 2.601 | -41.4 | 3.931 |
| 249174.9 | 843693.6 | 69.1 | 21.434 | 13.306 | 31.8 | 25.228 | 19.1 | 20.076 | 0.571 | 1.037 | 61.2 | 1.184 | 22.9 | -2.947 | 2.521 | -40.5 | 3.878 |
| 249174.2 | 843692.9 | 69.1 | 21.120 | 13.114 | 31.8 | 24.860 | 19.2 | 19.783 | 0.564 | 1.030 | 61.3 | 1.174 | 22.0 | -2.934 | 2.456 | -39.9 | 3.826 |
| 249173.5 | 843692.1 | 69.2 | 20.721 | 12.871 | 31.8 | 24.393 | 19.4 | 19.411 | 0.555 | 1.022 | 61.5 | 1.163 | 20.1 | -2.941 | 2.341 | -38.5 | 3.760 |
| 249172.8 | 843691.4 | 69.2 | 20.482 | 12.724 | 31.9 | 24.113 | 19.5 | 19.188 | 0.551 | 1.018 | 61.6 | 1.157 | 19.9 | -2.907 | 2.294 | -38.3 | 3.704 |
| 249172.1 | 843690.7 | 69.4 | 20.360 | 12.649 | 31.9 | 23.969 | 19.5 | 19.074 | 0.549 | 1.015 | 61.6 | 1.154 | 20.7 | -2.841 | 2.296 | -38.9 | 3.653 |
| 249171.4 | 843690.0 | 69.5 | 20.313 | 12.620 | 31.9 | 23.914 | 19.5 | 19.030 | 0.550 | 1.015 | 61.5 | 1.154 | 22.2 | -2.754 | 2.327 | -40.2 | 3.605 |
| 249170.7 | 843689.3 | 69.7 | 20.268 | 12.591 | 31.8 | 23.861 | 19.6 | 18.988 | 0.551 | 1.015 | 61.5 | 1.155 | 23.6 | -2.665 | 2.352 | -41.4 | 3.555 |
| 249170.0 | 843688.6 | 69.8 | 19.949 | 12.396 | 31.9 | 23.487 | 19.7 | 18.690 | 0.542 | 1.011 | 61.8 | 1.147 | 22.2 | -2.645 | 2.239 | -40.2 | 3.466 |
| 249169.3 | 843687.8 | 69.8 | 19.655 | 12.216 | 31.9 | 23.142 | 19.8 | 18.416 | 0.533 | 1.008 | 62.1 | 1.141 | 20.9 | -2.618 | 2.131 | -39.1 | 3.376 |
| 249168.6 | 843687.1 | 70.0 | 19.634 | 12.202 | 31.9 | 23.117 | 19.8 | 18.396 | 0.533 | 1.010 | 62.2 | 1.142 | 22.3 | -2.518 | 2.151 | -40.5 | 3.311 |
| 249167.9 | 843686.4 | 70.2 | 19.611 | 12.187 | 31.9 | 23.089 | 19.8 | 18.374 | 0.533 | 1.011 | 62.2 | 1.143 | 23.6 | -2.416 | 2.166 | -41.9 | 3.245 |
| 249167.3 | 843685.7 | 70.3 | 19.567 | 12.159 | 31.9 | 23.037 | 19.9 | 18.332 | 0.532 | 1.013 | 62.3 | 1.144 | 24.7 | -2.319 | 2.166 | -43.0 | 3.173 |
| 249166.6 | 843685.0 | 70.6 | 19.658 | 12.214 | 31.9 | 23.143 | 19.8 | 18.417 | 0.537 | 1.016 | 62.2 | 1.149 | 27.1 | -2.186 | 2.229 | -45.6 | 3.122 |
| 249165.9 | 843684.2 | 70.9 | 19.815 | 12.309 | 31.8 | 23.327 | 19.7 | 18.563 | 0.546 | 1.021 | 61.9 | 1.158 | 30.2 | -2.036 | 2.322 | -48.8 | 3.088 |
| 249165.2 | 843683.5 | 71.1 | 19.973 | 12.404 | 31.8 | 23.511 | 19.7 | 18.710 | 0.557 | 1.026 | 61.5 | 1.168 | 33.4 | -1.887 | 2.412 | -52.0 | 3.062 |
| 249164.5 | 843682.8 | 71.3 | 19.910 | 12.364 | 31.8 | 23.436 | 19.7 | 18.650 | 0.556 | 1.028 | 61.6 | 1.168 | 34.1 | -1.792 | 2.392 | -53.2 | 2.989 |
| 249163.8 | 843682.1 | 71.4 | 19.636 | 12.196 | 31.8 | 23.115 | 19.8 | 18.394 | 0.542 | 1.026 | 62.1 | 1.160 | 32.3 | -1.746 | 2.268 | -52.4 | 2.862 |
| 249163.1 | 843681.4 | 71.4 | 19.256 | 11.964 | 31.9 | 22.670 | 20.0 | 18.040 | 0.522 | 1.022 | 62.9 | 1.148 | 29.3 | -1.726 | 2.087 | -50.4 | 2.708 |
| 249162.4 | 843680.7 | 71.5 | 19.022 | 11.821 | 31.9 | 22.396 | 20.1 | 17.822 | 0.511 | 1.021 | 63.4 | 1.141 | 28.0 | -1.669 | 1.976 | -49.8 | 2.587 |
| 249161.7 | 843679.9 | 71.6 | 18.927 | 11.762 | 31.9 | 22.284 | 20.1 | 17.733 | 0.506 | 1.022 | 63.6 | 1.140 | 28.1 | -1.578 | 1.936 | -50.8 | 2.497 |
| 249161.0 | 843679.2 | 71.8 | 18.792 | 11.679 | 31.9 | 22.126 | 20.2 | 17.607 | 0.499 | 1.021 | 64.0 | 1.137 | 27.8 | -1.497 | 1.875 | -51.4 | 2.399 |
| 249160.3 | 843678.5 | 71.9 | 18.759 | 11.658 | 31.9 | 22.086 | 20.2 | 17.575 | 0.498 | 1.022 | 64.0 | 1.137 | 28.6 | -1.391 | 1.868 | -53.3 | 2.329 |
| 249159.6 | 843677.8 | 72.1 | 18.724 | 11.636 | 31.9 | 22.045 | 20.2 | 17.543 | 0.497 | 1.023 | 64.1 | 1.137 | 29.4 | -1.286 | 1.862 | -55.4 | 2.263 |
| 249158.9 | 843677.1 | 72.3 | 18.690 | 11.614 | 31.9 | 22.005 | 20.2 | 17.511 | 0.496 | 1.023 | 64.1 | 1.137 | 30.2 | -1.182 | 1.859 | -57.5 | 2.203 |
| 249158.2 | 843676.3 | 72.5 | 18.655 | 11.592 | 31.9 | 21.963 | 20.2 | 17.478 | 0.495 | 1.023 | 64.2 | 1.137 | 31.0 | -1.080 | 1.857 | -59.8 | 2.149 |
| 249157.5 | 843675.6 | 72.7 | 18.619 | 11.569 | 31.9 | 21.920 | 20.2 | 17.443 | 0.495 | 1.022 | 64.2 | 1.136 | 31.8 | -0.979 | 1.859 | -62.2 | 2.101 |
| 249156.8 | 843674.9 | 73.0 | 18.870 | 11.721 | 31.8 | 22.214 | 20.1 | 17.677 | 0.516 | 1.025 | 63.3 | 1.148 | 36.1 | -0.818 | 2.016 | -67.9 | 2.175 |
| 249156.1 | 843674.2 | 73.2 | 18.874 | 11.722 | 31.8 | 22.218 | 20.1 | 17.680 | 0.520 | 1.025 | 63.1 | 1.149 | 37.5 | -0.714 | 2.046 | -70.8 | 2.167 |
| 249155.4 | 843673.5 | 73.5 | 18.861 | 11.714 | 31.8 | 22.203 | 20.1 | 17.668 | 0.524 | 1.023 | 62.9 | 1.150 | 38.8 | -0.617 | 2.071 | -73.4 | 2.161 |
| 249154.7 | 843672.8 | 73.6 | 18.718 | 11.625 | 31.8 | 22.034 | 20.2 | 17.534 | 0.518 | 1.019 | 63.0 | 1.143 | 38.6 | -0.549 | 2.032 | -74.9 | 2.105 |
| 249154.0 | 843672.0 | 73.7 | 18.544 | 11.519 | 31.8 | 21.830 | 20.3 | 17.372 | 0.510 | 1.015 | 63.3 | 1.136 | 38.0 | -0.491 | 1.982 | -76.1 | 2.041 |
| 249153.3 | 843671.3 | 73.8 | 18.374 | 11.414 | 31.8 | 21.630 | 20.3 | 17.213 | 0.503 | 1.009 | 63.5 | 1.128 | 37.6 | -0.434 | 1.936 | -77.4 | 1.985 |
| 249152.6 | 843670.6 | 73.9 | 18.084 | 11.237 | 31.9 | 21.291 | 20.5 | 16.943 | 0.487 | 1.002 | 64.1 | 1.114 | 35.7 | -0.405 | 1.831 | -77.5 | 1.875 |
| 249151.9 | 843669.9 | 73.9 | 17.791 | 11.058 | 31.9 | 20.947 | 20.6 | 16.669 | 0.470 | 0.995 | 64.7 | 1.101 | 33.8 | -0.380 | 1.726 | -77.6 | 1.767 |
| 249151.2 | 843669.2 | 74.0 | 17.562 | 10.917 | 31.9 | 20.679 | 20.7 | 16.456 | 0.460 | 0.988 | 65.0 | 1.090 | 32.7 | -0.345 | 1.659 | -78.3 | 1.694 |
| 249150.5 | 843668.5 | 74.2 | 17.433 | 10.838 | 31.9 | 20.527 | 20.8 | 16.335 | 0.457 | 0.982 | 65.0 | 1.083 | 32.8 | -0.292 | 1.652 | -80.0 | 1.678 |
| 249149.9 | 843667.7 | 74.3 | 17.334 | 10.777 | 31.9 | 20.411 | 20.8 | 16.243 | 0.457 | 0.976 | 64.9 | 1.077 | 33.5 | -0.236 | 1.668 | -81.9 | 1.685 |
| 249149.2 | 843667.0 | 74.4 | 17.081 | 10.622 | 31.9 | 20.114 | 20.9 | 16.006 | 0.446 | 0.967 | 65.3 | 1.065 | 32.2 | -0.216 | 1.600 | -82.3 | 1.614 |
| 249148.5 | 843666.3 | 74.4 | 16.786 | 10.441 | 31.9 | 19.768 | 21.1 | 15.731 | 0.432 | 0.958 | 65.7 | 1.051 | 30.4 | -0.208 | 1.511 | -82.1 | 1.525 |
| 249147.8 | 843665.6 | 74.5 | 16.497 | 10.264 | 31.9 | 19.430 | 21.2 | 15.462 | 0.419 | 0.949 | 66.2 | 1.037 | 28.6 | -0.203 | 1.428 | -81.9 | 1.442 |
| 249147.1 | 843664.9 | 74.5 | 16.237 | 10.105 | 31.9 | 19.125 | 21.3 | 15.219 | 0.408 | 0.939 | 66.5 | 1.024 | 27.2 | -0.196 | 1.364 | -81.8 | 1.378 |
| 249146.4 | 843664.1 | 74.6 | 16.035 | 9.981 | 31.9 | 18.887 | 21.4 | 15.030 | 0.402 | 0.930 | 66.6 | 1.014 | 26.7 | -0.180 | 1.338 | -82.4 | 1.350 |
| 249145.7 | 843663.4 | 74.8 | 15.994 | 9.956 | 31.9 | 18.839 | 21.4 | 14.992 | 0.409 | 0.923 | 66.1 | 1.009 | 28.4 | -0.131 | 1.414 | -84.7 | 1.420 |
| 249145.0 | 843662.7 | 75.0 | 15.909 | 9.903 | 31.9 | 18.739 | 21.5 | 14.912 | 0.412 | 0.914 | 65.7 | 1.003 | 29.6 | -0.096 | 1.466 | -86.2 | 1.469 |
| 249144.3 | 843662.0 | 75.1 | 15.812 | 9.844 | 31.9 | 18.626 | 21.5 | 14.822 | 0.415 | 0.906 | 65.4 | 0.996 | 30.7 | -0.067 | 1.514 | -87.5 | 1.516 |
| 249143.6 | 843661.3 | 75.2 | 15.614 | 9.723 | 31.9 | 18.394 | 21.6 | 14.637 | 0.411 | 0.895 | 65.4 | 0.985 | 30.4 | -0.062 | 1.505 | -87.6 | 1.506 |
| 249142.9 | 843660.6 | 75.2 | 15.303 | 9.533 | 31.9 | 18.030 | 21.7 | 14.347 | 0.398 | 0.884 | 65.7 | 0.970 | 28.4 | -0.086 | 1.429 | -86.6 | 1.432 |
| 249142.2 | 843659.8 | 75.3 | 15.104 | 9.411 | 31.9 | 17.796 | 21.8 | 14.162 | 0.394 | 0.874 | 65.7 | 0.958 | 28.1 | -0.088 | 1.423 | -86.5 | 1.426 |
| 249141.5 | 843659.1 | 75.4 | 14.889 | 9.280 | 31.9 | 17.544 | 21.9 | 13.961 | 0.390 | 0.863 | 65.7 | 0.947 | 27.5 | -0.097 | 1.410 | -86.1 | 1.413 |
| 249140.8 | 843658.4 | 75.5 | 14.690 | 9.158 | 31.9 | 17.310 | 22.0 | 13.775 | 0.386 | 0.852 | 65.6 | 0.935 | 27.2 | -0.105 | 1.407 | -85.7 | 1.411 |
| 249140.1 | 843657.7 | 75.5 | 14.402 | 8.982 | 31.9 | 16.973 | 22.2 | 13.507 | 0.377 | 0.840 | 65.8 | 0.921 | 25.6 | -0.137 | 1.350 | -84.2 | 1.357 |
| 249139.4 | 843657.0 | 75.5 | 14.182 | 8.847 | 32.0 | 16.716 | 22.3 | 13.302 | 0.372 | 0.829 | 65.8 | 0.909 | 24.9 | -0.156 | 1.336 | -83.4 | 1.345 |
| 249138.7 | 843656.2 | 75.6 | 13.955 | 8.708 | 32.0 | 16.449 | 22.4 | 13.090 | 0.368 | 0.818 | 65.8 | 0.897 | 24.1 | -0.179 | 1.317 | -82.2 | 1.330 |
| 249138.0 | 843655.5 | 75.6 | 13.706 | 8.556 | 32.0 | 16.158 | 22.5 | 12.858 | 0.362 | 0.806 | 65.8 | 0.884 | 22.9 | -0.211 | 1.286 | -80.7 | 1.303 |
| 249137.3 | 843654.8 | 75.6 | 13.454 | 8.402 | 32.0 | 15.863 | 22.6 | 12.623 | 0.356 | 0.794 | 65.8 | 0.871 | 21.6 | -0.246 | 1.250 | -78.9 | 1.274 |
| 249136.6 | 843654.1 | 75.7 | 13.208 | 8.252 | 32.0 | 15.573 | 22.8 | 12.393 | 0.351 | 0.783 | 65.8 | 0.858 | 20.4 | -0.283 | 1.218 | -76.9 | 1.250 |
| 249135.9 | 843653.4 | 75.7 | 13.008 | 8.130 | 32.0 | 15.339 | 22.9 | 12.207 | 0.349 | 0.772 | 65.7 | 0.847 | 19.9 | -0.310 | 1.215 | -75.7 | 1.254 |
| 249135.2 | 843652.7 | 75.9 | 12.890 | 8.058 | 32.0 | 15.202 | 22.9 | 12.097 | 0.351 | 0.762 | 65.3 | 0.839 | 20.7 | -0.316 | 1.266 | -76.0 | 1.305 |
| 249134.5 | 843651.9 | 75.9 | 12.691 | 7.937 | 32.0 | 14.968 | 23.0 | 11.911 | 0.348 | 0.752 | 65.1 | 0.828 | 20.1 | -0.347 | 1.260 | -74.6 | 1.307 |
| 249133.8 | 843651.2 | 75.9 | 12.440 | 7.784 | 32.0 | 14.675 | 23.2 | 11.678 | 0.344 | 0.741 | 65.1 | 0.816 | 18.6 | -0.393 | 1.219 | -72.1 | 1.280 |
| 249133.1 | 843650.5 | 75.9 | 12.196 | 7.635 | 32.0 | 14.389 | 23.3 | 11.450 | 0.339 | 0.730 | 65.1 | 0.805 | 17.0 | -0.440 | 1.178 | -69.5 | 1.257 |
| 249132.5 | 843649.8 | 75.9 | 11.958 | 7.490 | 32.1 | 14.110 | 23.4 | 11.228 | 0.335 | 0.720 | 65.0 | 0.794 | 15.5 | -0.487 | 1.138 | -66.8 | 1.238 |
| 249131.8 | 843649.1 | 76.0 | 11.797 | 7.393 | 32.1 | 13.922 | 23.5 | 11.079 | 0.335 | 0.710 | 64.8 | 0.785 | 15.3 | -0.513 | 1.149 | -65.9 | 1.258 |
| 249131.1 | 843648.3 | 76.1 | 11.645 | 7.302 | 32.1 | 13.745 | 23.6 | 10.938 | 0.334 | 0.701 | 64.5 | 0.777 | 15.2 | -0.536 | 1.163 | -65.2 | 1.280 |
| 249130.4 | 843647.6 | 76.2 | 11.497 | 7.212 | 32.1 | 13.571 | 23.7 | 10.800 | 0.333 | 0.693 | 64.3 | 0.769 | 15.2 | -0.560 | 1.176 | -64.5 | 1.302 |
| 249129.7 | 843646.9 | 76.3 | 11.351 | 7.124 | 32.1 | 13.401 | 23.8 | 10.664 | 0.333 | 0.685 | 64.1 | 0.761 | 15.0 | -0.583 | 1.187 | -63.9 | 1.322 |
| 249129.0 | 843646.2 | 76.4 | 11.223 | 7.048 | 32.1 | 13.253 | 23.9 | 10.546 | 0.332 | 0.677 | 63.9 | 0.754 | 15.2 | -0.600 | 1.208 | -63.6 | 1.349 |
| 249128.3 | 843645.5 | 76.4 | 11.049 | 6.943 | 32.1 | 13.049 | 24.0 | 10.384 | 0.330 | 0.669 | 63.8 | 0.746 | 14.4 | -0.633 | 1.191 | -62.0 | 1.349 |
| 249127.6 | 843644.8 | 76.5 | 10.878 | 6.840 | 32.2 | 12.850 | 24.1 | 10.226 | 0.327 | 0.662 | 63.7 | 0.739 | 13.5 | -0.667 | 1.172 | -60.4 | 1.348 |
| 249126.9 | 843644.0 | 76.5 | 10.712 | 6.740 | 32.2 | 12.656 | 24.2 | 10.071 | 0.325 | 0.655 | 63.6 | 0.731 | 12.7 | -0.699 | 1.152 | -58.8 | 1.347 |
| 249126.2 | 843643.3 | 76.6 | 10.585 | 6.664 | 32.2 | 12.508 | 24.3 | 9.953 | 0.324 | 0.649 | 63.5 | 0.725 | 12.5 | -0.718 | 1.156 | -58.1 | 1.361 |
| 249125.5 | 843642.6 | 76.7 | 10.467 | 6.594 | 32.2 | 12.371 | 24.4 | 9.844 | 0.322 | 0.643 | 63.4 | 0.719 | 12.4 | -0.735 | 1.162 | -57.7 | 1.375 |
| 249124.8 | 843641.9 | 76.8 | 10.353 | 6.527 | 32.2 | 12.239 | 24.5 | 9.739 | 0.321 | 0.638 | 63.3 | 0.714 | 12.4 | -0.751 | 1.167 | -57.2 | 1.387 |
| 249124.1 | 843641.2 | 76.9 | 10.257 | 6.471 | 32.2 | 12.127 | 24.6 | 9.651 | 0.319 | 0.634 | 63.3 | 0.709 | 12.5 | -0.761 | 1.179 | -57.2 | 1.403 |
| 249123.4 | 843640.4 | 77.0 | 10.156 | 6.412 | 32.3 | 12.011 | 24.7 | 9.558 | 0.317 | 0.629 | 63.3 | 0.705 | 12.5 | -0.773 | 1.184 | -56.9 | 1.414 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249122.7 | 843639.7 | 77.1 | 10.077 | 6.366 | 32.3 | 11.919 | 24.7 | 9.485 | 0.316 | 0.626 | 63.2 | 0.701 | 12.8 | -0.778 | 1.199 | -57.0 | 1.430 |
| 249122.0 | 843639.0 | 77.2 | 10.029 | 6.339 | 32.3 | 11.865 | 24.8 | 9.442 | 0.315 | 0.623 | 63.2 | 0.698 | 13.6 | -0.773 | 1.233 | -57.9 | 1.456 |
| 249121.3 | 843638.3 | 77.4 | 9.977 | 6.310 | 32.3 | 11.805 | 24.8 | 9.394 | 0.313 | 0.620 | 63.2 | 0.695 | 14.2 | -0.771 | 1.259 | -58.5 | 1.477 |
| 249120.6 | 843637.6 | 77.5 | 9.911 | 6.272 | 32.3 | 11.729 | 24.9 | 9.333 | 0.311 | 0.618 | 63.3 | 0.692 | 14.4 | -0.775 | 1.269 | -58.6 | 1.487 |
| 249119.9 | 843636.9 | 77.6 | 9.863 | 6.245 | 32.3 | 11.674 | 25.0 | 9.290 | 0.309 | 0.617 | 63.4 | 0.690 | 14.7 | -0.775 | 1.287 | -58.9 | 1.502 |
| 249119.2 | 843636.1 | 77.8 | 9.890 | 6.264 | 32.3 | 11.706 | 25.0 | 9.316 | 0.309 | 0.616 | 63.3 | 0.690 | 16.5 | -0.749 | 1.356 | -61.1 | 1.550 |
| 249118.5 | 843635.4 | 78.0 | 9.920 | 6.285 | 32.4 | 11.743 | 25.0 | 9.345 | 0.310 | 0.616 | 63.3 | 0.690 | 18.2 | -0.725 | 1.423 | -63.0 | 1.597 |
| 249117.8 | 843634.7 | 78.1 | 9.892 | 6.270 | 32.4 | 11.712 | 25.0 | 9.320 | 0.308 | 0.616 | 63.5 | 0.689 | 18.5 | -0.724 | 1.440 | -63.3 | 1.611 |
| 249117.1 | 843634.0 | 78.3 | 9.868 | 6.256 | 32.4 | 11.684 | 25.0 | 9.298 | 0.305 | 0.617 | 63.7 | 0.688 | 18.7 | -0.725 | 1.453 | -63.5 | 1.623 |
| 249116.4 | 843633.3 | 78.4 | 9.849 | 6.244 | 32.4 | 11.661 | 25.0 | 9.280 | 0.303 | 0.617 | 63.9 | 0.688 | 18.8 | -0.727 | 1.463 | -63.6 | 1.634 |
| 249115.7 | 843632.5 | 78.6 | 9.899 | 6.275 | 32.4 | 11.720 | 24.9 | 9.327 | 0.303 | 0.619 | 64.0 | 0.689 | 20.2 | -0.708 | 1.521 | -65.0 | 1.677 |
| 249115.1 | 843631.8 | 78.7 | 9.959 | 6.312 | 32.4 | 11.791 | 24.9 | 9.383 | 0.303 | 0.622 | 64.0 | 0.692 | 21.5 | -0.690 | 1.580 | -66.4 | 1.724 |
| 249114.4 | 843631.1 | 78.9 | 10.045 | 6.364 | 32.4 | 11.891 | 24.8 | 9.463 | 0.304 | 0.625 | 64.1 | 0.695 | 23.2 | -0.667 | 1.652 | -68.0 | 1.781 |

Max EF along centerline is 1.752 (kV/m) at 270.000 (m) from structure [redacted]-4

Cross section results at max EF along centerline between structures [redacted]-4 and [redacted]-5






3D EMF Point Results Span from [redacted]-4 to [redacted]-5:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 249261.0 | 843760.6 | 57.7 | 27.035 | 13.064 | 25.8 | 30.026 | 30.4 | 23.894 | 3.463 | 1.027 | 16.5 | 3.612 | 5.8 | 5.508 | -1.390 | -14.2 | 5.681 |
| 249260.3 | 843761.2 | 57.6 | 28.624 | 13.566 | 25.4 | 31.676 | 28.6 | 25.207 | 3.804 | 0.991 | 14.6 | 3.931 | 4.9 | 5.557 | -1.200 | -12.2 | 5.685 |
| 249259.6 | 843761.9 | 57.5 | 30.184 | 14.085 | 25.0 | 33.308 | 26.9 | 26.506 | 4.108 | 0.940 | 12.9 | 4.214 | 4.1 | 5.569 | -1.021 | -10.4 | 5.662 |
| 249258.8 | 843762.6 | 57.5 | 31.961 | 14.710 | 24.7 | 35.184 | 25.1 | 27.998 | 4.361 | 0.874 | 11.3 | 4.447 | 3.7 | 5.829 | -0.912 | -8.9 | 5.900 |
| 249258.1 | 843763.3 | 57.4 | 33.426 | 15.286 | 24.6 | 36.756 | 23.4 | 29.249 | 4.526 | 0.793 | 9.9 | 4.595 | 3.4 | 5.834 | -0.760 | -7.4 | 5.883 |
| 249257.4 | 843764.0 | 57.5 | 35.027 | 15.967 | 24.5 | 38.494 | 21.7 | 30.633 | 4.601 | 0.699 | 8.6 | 4.654 | 3.3 | 6.049 | -0.650 | -6.1 | 6.083 |
| 249256.7 | 843764.7 | 57.4 | 35.803 | 16.471 | 24.7 | 39.411 | 20.1 | 31.362 | 4.547 | 0.587 | 7.4 | 4.584 | 3.1 | 5.609 | -0.450 | -4.6 | 5.627 |
| 249256.0 | 843765.4 | 57.3 | 36.246 | 16.951 | 25.1 | 40.014 | 18.7 | 31.842 | 4.377 | 0.460 | 6.0 | 4.401 | 3.1 | 5.018 | -0.252 | -2.9 | 5.025 |
| 249255.2 | 843766.1 | 57.1 | 36.243 | 17.361 | 25.6 | 40.187 | 17.5 | 31.980 | 4.096 | 0.317 | 4.4 | 4.108 | 3.1 | 4.214 | -0.057 | -0.8 | 4.214 |
| 249254.5 | 843766.8 | 57.0 | 36.085 | 17.782 | 26.2 | 40.228 | 16.5 | 32.012 | 3.726 | 0.173 | 2.7 | 3.730 | 3.4 | 3.461 | 0.104 | 1.7 | 3.463 |
| 249253.8 | 843767.5 | 57.1 | 36.793 | 18.594 | 26.8 | 41.225 | 15.3 | 32.806 | 3.303 | 0.180 | 3.1 | 3.307 | 5.1 | 3.469 | 0.243 | 4.0 | 3.478 |
| 249253.1 | 843768.2 | 57.2 | 37.340 | 19.449 | 27.5 | 42.102 | 14.2 | 33.503 | 2.826 | 0.356 | 7.2 | 2.848 | 8.3 | 3.354 | 0.431 | 7.3 | 3.381 |
| 249252.4 | 843768.9 | 57.2 | 37.214 | 20.109 | 28.4 | 42.300 | 13.6 | 33.661 | 2.301 | 0.581 | 14.2 | 2.373 | 12.7 | 2.856 | 0.619 | 12.2 | 2.922 |
| 249251.7 | 843769.6 | 57.2 | 37.261 | 20.914 | 29.3 | 42.729 | 13.0 | 34.003 | 1.767 | 0.852 | 25.8 | 1.961 | 21.3 | 2.458 | 0.856 | 19.2 | 2.603 |
| 249250.9 | 843770.3 | 57.3 | 37.342 | 21.807 | 30.3 | 43.243 | 12.6 | 34.412 | 1.244 | 1.160 | 43.0 | 1.701 | 34.0 | 2.039 | 1.156 | 29.5 | 2.344 |
| 249250.2 | 843771.0 | 57.4 | 37.786 | 22.979 | 31.3 | 44.225 | 12.2 | 35.193 | 0.818 | 1.507 | 61.5 | 1.714 | 42.6 | 1.607 | 1.642 | 45.6 | 2.298 |
| 249249.5 | 843771.7 | 57.5 | 37.902 | 24.042 | 32.4 | 44.884 | 12.2 | 35.718 | 0.627 | 1.882 | 71.6 | 1.983 | 32.4 | 1.017 | 2.136 | 64.5 | 2.366 |
| 249248.8 | 843772.4 | 57.5 | 37.273 | 24.646 | 33.5 | 44.684 | 12.7 | 35.559 | 0.792 | 2.272 | 70.8 | 2.406 | 19.0 | 0.443 | 2.363 | 79.4 | 2.404 |
| 249248.1 | 843773.1 | 57.4 | 36.670 | 25.232 | 34.5 | 44.513 | 13.4 | 35.422 | 1.200 | 2.679 | 65.9 | 2.936 | 11.5 | -0.045 | 2.577 | -89.0 | 2.577 |
| 249247.3 | 843773.8 | 57.5 | 36.639 | 26.236 | 35.6 | 45.064 | 14.1 | 35.861 | 1.679 | 3.096 | 61.5 | 3.522 | 8.2 | -0.672 | 3.172 | -78.0 | 3.242 |
| 249246.6 | 843774.5 | 57.5 | 36.294 | 26.984 | 36.6 | 45.226 | 15.0 | 35.990 | 2.125 | 3.490 | 58.7 | 4.086 | 5.9 | -1.242 | 3.650 | -71.2 | 3.855 |
| 249245.9 | 843775.2 | 57.5 | 35.605 | 27.392 | 37.6 | 44.922 | 16.3 | 35.748 | 2.522 | 3.832 | 56.6 | 4.587 | 4.4 | -1.682 | 3.942 | -66.9 | 4.286 |
| 249245.2 | 843775.9 | 57.6 | 35.024 | 27.845 | 38.5 | 44.744 | 17.6 | 35.606 | 2.867 | 4.105 | 55.1 | 5.007 | 3.7 | -2.229 | 4.415 | -63.2 | 4.946 |
| 249244.5 | 843776.6 | 57.6 | 34.278 | 28.084 | 39.3 | 44.314 | 19.1 | 35.264 | 3.136 | 4.278 | 53.8 | 5.304 | 3.4 | -2.763 | 4.858 | -60.4 | 5.589 |
| 249243.8 | 843777.3 | 57.7 | 33.316 | 28.034 | 40.1 | 43.541 | 20.7 | 34.649 | 3.318 | 4.332 | 52.5 | 5.457 | 3.4 | -3.244 | 5.207 | -58.1 | 6.135 |
| 249243.0 | 843778.0 | 57.8 | 32.092 | 27.621 | 40.7 | 42.342 | 22.5 | 33.695 | 3.409 | 4.257 | 51.3 | 5.454 | 3.6 | -3.617 | 5.388 | -56.1 | 6.489 |
| 249242.3 | 843778.6 | 57.8 | 30.658 | 26.877 | 41.2 | 40.771 | 24.4 | 32.445 | 3.412 | 4.061 | 50.0 | 5.304 | 4.0 | -3.886 | 5.408 | -54.3 | 6.660 |
| 249241.6 | 843779.3 | 57.7 | 28.546 | 25.236 | 41.5 | 38.102 | 26.4 | 30.321 | 3.325 | 3.743 | 48.4 | 5.006 | 4.1 | -3.552 | 4.726 | -53.1 | 5.912 |
| 249240.9 | 843780.0 | 57.6 | 26.269 | 23.264 | 41.5 | 35.089 | 28.4 | 27.923 | 3.177 | 3.353 | 46.5 | 4.619 | 4.0 | -2.968 | 3.822 | -52.2 | 4.839 |
| 249240.2 | 843780.7 | 57.8 | 25.048 | 22.424 | 41.8 | 33.619 | 30.3 | 26.753 | 3.007 | 2.965 | 44.6 | 4.223 | 5.3 | -3.451 | 4.022 | -49.4 | 5.300 |
| 249239.5 | 843781.4 | 57.8 | 23.415 | 21.000 | 41.9 | 31.452 | 32.2 | 25.029 | 2.800 | 2.550 | 42.3 | 3.787 | 6.2 | -3.432 | 3.697 | -47.1 | 5.044 |

Centerline results between structures [redacted]-5 and [redacted]-6

3D EMF Point Results Centerline from [redacted]-5 to [redacted]-6:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 249114.8 | 843631.6 | 78.8 | 9.982 | 6.326 | 32.4 | 11.818 | 24.8 | 9.404 | 0.303 | 0.623 | 64.1 | 0.693 | 22.0 | -0.684 | 1.600 | -66.9 | 1.740 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249114.1 | 843630.9 | 79.0 | 10.078 | 6.385 | 32.4 | 11.931 | 24.7 | 9.494 | 0.305 | 0.626 | 64.1 | 0.696 | 23.8 | -0.659 | 1.678 | -68.6 | 1.803 |
| 249113.4 | 843630.2 | 79.2 | 10.131 | 6.415 | 32.3 | 11.992 | 24.6 | 9.543 | 0.304 | 0.630 | 64.3 | 0.699 | 24.5 | -0.653 | 1.716 | -69.2 | 1.837 |
| 249112.7 | 843629.4 | 79.3 | 10.162 | 6.431 | 32.3 | 12.026 | 24.5 | 9.570 | 0.301 | 0.633 | 64.6 | 0.701 | 24.6 | -0.659 | 1.732 | -69.2 | 1.853 |
| 249112.0 | 843628.7 | 79.4 | 10.201 | 6.451 | 32.3 | 12.069 | 24.4 | 9.604 | 0.298 | 0.637 | 64.9 | 0.703 | 24.6 | -0.665 | 1.747 | -69.1 | 1.869 |
| 249111.3 | 843628.0 | 79.5 | 10.250 | 6.476 | 32.3 | 12.125 | 24.3 | 9.649 | 0.295 | 0.641 | 65.3 | 0.705 | 24.7 | -0.672 | 1.764 | -69.1 | 1.888 |
| 249110.6 | 843627.3 | 79.6 | 10.297 | 6.499 | 32.3 | 12.176 | 24.2 | 9.690 | 0.291 | 0.645 | 65.7 | 0.708 | 24.5 | -0.684 | 1.774 | -68.9 | 1.901 |
| 249109.9 | 843626.6 | 79.6 | 10.330 | 6.513 | 32.2 | 12.212 | 24.0 | 9.718 | 0.286 | 0.650 | 66.3 | 0.710 | 23.9 | -0.702 | 1.768 | -68.3 | 1.902 |
| 249109.3 | 843625.8 | 79.7 | 10.374 | 6.533 | 32.2 | 12.260 | 23.8 | 9.756 | 0.281 | 0.654 | 66.8 | 0.712 | 23.3 | -0.720 | 1.765 | -67.8 | 1.906 |
| 249108.6 | 843625.1 | 79.7 | 10.417 | 6.552 | 32.2 | 12.307 | 23.7 | 9.793 | 0.275 | 0.659 | 67.4 | 0.715 | 22.6 | -0.741 | 1.757 | -67.1 | 1.907 |
| 249107.9 | 843624.4 | 79.8 | 10.464 | 6.573 | 32.1 | 12.357 | 23.5 | 9.833 | 0.269 | 0.665 | 68.0 | 0.717 | 21.8 | -0.764 | 1.747 | -66.4 | 1.907 |
| 249107.2 | 843623.7 | 79.8 | 10.501 | 6.587 | 32.1 | 12.396 | 23.3 | 9.864 | 0.262 | 0.670 | 68.6 | 0.719 | 20.7 | -0.790 | 1.727 | -65.4 | 1.899 |
| 249106.5 | 843623.0 | 79.8 | 10.523 | 6.592 | 32.1 | 12.417 | 23.1 | 9.882 | 0.254 | 0.675 | 69.4 | 0.721 | 19.3 | -0.822 | 1.692 | -64.1 | 1.881 |
| 249105.8 | 843622.3 | 79.8 | 10.558 | 6.605 | 32.0 | 12.454 | 22.9 | 9.910 | 0.246 | 0.681 | 70.1 | 0.724 | 18.0 | -0.852 | 1.663 | -62.9 | 1.868 |
| 249105.1 | 843621.5 | 79.8 | 10.598 | 6.621 | 32.0 | 12.496 | 22.8 | 9.944 | 0.238 | 0.686 | 70.9 | 0.726 | 16.7 | -0.881 | 1.635 | -61.7 | 1.857 |
| 249104.4 | 843620.8 | 79.8 | 10.642 | 6.639 | 32.0 | 12.544 | 22.6 | 9.982 | 0.230 | 0.692 | 71.6 | 0.729 | 15.4 | -0.910 | 1.608 | -60.5 | 1.848 |
| 249103.7 | 843620.1 | 79.8 | 10.691 | 6.661 | 31.9 | 12.596 | 22.4 | 10.023 | 0.222 | 0.698 | 72.4 | 0.733 | 14.2 | -0.939 | 1.582 | -59.3 | 1.840 |
| 249103.0 | 843619.4 | 79.9 | 10.789 | 6.713 | 31.9 | 12.707 | 22.2 | 10.112 | 0.216 | 0.705 | 73.0 | 0.737 | 13.8 | -0.956 | 1.593 | -59.0 | 1.858 |
| 249102.3 | 843618.7 | 79.9 | 10.905 | 6.777 | 31.9 | 12.839 | 21.9 | 10.217 | 0.210 | 0.712 | 73.5 | 0.742 | 13.7 | -0.971 | 1.615 | -59.0 | 1.885 |
| 249101.6 | 843617.9 | 80.0 | 11.014 | 6.837 | 31.8 | 12.964 | 21.7 | 10.316 | 0.204 | 0.718 | 74.1 | 0.747 | 13.5 | -0.988 | 1.631 | -58.8 | 1.907 |
| 249100.9 | 843617.2 | 80.0 | 11.076 | 6.868 | 31.8 | 13.033 | 21.5 | 10.371 | 0.196 | 0.725 | 74.9 | 0.751 | 12.4 | -1.014 | 1.609 | -57.8 | 1.902 |
| 249100.2 | 843616.5 | 80.0 | 11.133 | 6.896 | 31.8 | 13.096 | 21.4 | 10.421 | 0.186 | 0.731 | 75.7 | 0.755 | 11.1 | -1.040 | 1.582 | -56.7 | 1.893 |
| 249099.5 | 843615.8 | 80.0 | 11.192 | 6.924 | 31.7 | 13.161 | 21.2 | 10.473 | 0.177 | 0.738 | 76.5 | 0.759 | 9.9 | -1.064 | 1.555 | -55.6 | 1.884 |
| 249098.8 | 843615.1 | 80.0 | 11.277 | 6.971 | 31.7 | 13.258 | 21.0 | 10.550 | 0.169 | 0.745 | 77.2 | 0.763 | 9.2 | -1.083 | 1.548 | -55.0 | 1.889 |
| 249098.1 | 843614.4 | 80.1 | 11.397 | 7.039 | 31.7 | 13.396 | 20.8 | 10.660 | 0.161 | 0.752 | 77.9 | 0.769 | 9.0 | -1.096 | 1.566 | -55.0 | 1.911 |
| 249097.4 | 843613.6 | 80.2 | 11.521 | 7.110 | 31.7 | 13.538 | 20.6 | 10.773 | 0.154 | 0.759 | 78.5 | 0.775 | 9.0 | -1.107 | 1.586 | -55.1 | 1.934 |
| 249096.7 | 843612.9 | 80.2 | 11.645 | 7.181 | 31.7 | 13.681 | 20.4 | 10.887 | 0.147 | 0.766 | 79.2 | 0.780 | 8.9 | -1.118 | 1.606 | -55.1 | 1.957 |
| 249096.0 | 843612.2 | 80.3 | 11.771 | 7.254 | 31.6 | 13.827 | 20.2 | 11.003 | 0.139 | 0.774 | 79.8 | 0.786 | 8.9 | -1.128 | 1.626 | -55.2 | 1.979 |
| 249095.3 | 843611.5 | 80.4 | 11.898 | 7.328 | 31.6 | 13.974 | 20.0 | 11.120 | 0.132 | 0.782 | 80.4 | 0.793 | 8.9 | -1.137 | 1.646 | -55.4 | 2.000 |
| 249094.6 | 843610.8 | 80.4 | 11.994 | 7.383 | 31.6 | 14.084 | 19.8 | 11.208 | 0.122 | 0.789 | 81.2 | 0.798 | 8.4 | -1.148 | 1.641 | -55.0 | 2.003 |
| 249093.9 | 843610.0 | 80.4 | 12.054 | 7.416 | 31.6 | 14.152 | 19.6 | 11.262 | 0.111 | 0.796 | 82.1 | 0.804 | 7.4 | -1.161 | 1.609 | -54.2 | 1.984 |
| 249093.2 | 843609.3 | 80.4 | 12.133 | 7.461 | 31.6 | 14.244 | 19.5 | 11.335 | 0.100 | 0.804 | 82.9 | 0.810 | 6.7 | -1.170 | 1.591 | -53.7 | 1.975 |
| 249092.5 | 843608.6 | 80.5 | 12.294 | 7.558 | 31.6 | 14.431 | 19.3 | 11.484 | 0.094 | 0.812 | 83.4 | 0.817 | 7.2 | -1.172 | 1.634 | -54.4 | 2.011 |
| 249091.9 | 843607.9 | 80.7 | 12.520 | 7.696 | 31.6 | 14.696 | 19.0 | 11.695 | 0.094 | 0.820 | 83.4 | 0.826 | 8.6 | -1.169 | 1.727 | -55.9 | 2.085 |
| 249091.2 | 843607.2 | 80.8 | 12.681 | 7.794 | 31.6 | 14.885 | 18.8 | 11.845 | 0.091 | 0.829 | 83.7 | 0.834 | 9.1 | -1.171 | 1.770 | -56.5 | 2.122 |
| 249090.5 | 843606.5 | 80.8 | 12.841 | 7.892 | 31.6 | 15.072 | 18.6 | 11.994 | 0.089 | 0.837 | 83.9 | 0.842 | 9.6 | -1.173 | 1.811 | -57.1 | 2.158 |
| 249089.8 | 843605.7 | 80.9 | 12.954 | 7.960 | 31.6 | 15.204 | 18.5 | 12.099 | 0.084 | 0.845 | 84.3 | 0.849 | 9.4 | -1.177 | 1.816 | -57.1 | 2.164 |
| 249089.1 | 843605.0 | 81.1 | 13.206 | 8.117 | 31.6 | 15.501 | 18.2 | 12.335 | 0.095 | 0.854 | 83.6 | 0.859 | 11.0 | -1.177 | 1.925 | -58.6 | 2.256 |
| 249088.4 | 843604.3 | 81.0 | 13.203 | 8.113 | 31.6 | 15.497 | 18.1 | 12.332 | 0.080 | 0.861 | 84.7 | 0.865 | 9.3 | -1.181 | 1.844 | -57.4 | 2.190 |
| 249087.7 | 843603.6 | 80.9 | 13.087 | 8.036 | 31.6 | 15.358 | 18.1 | 12.221 | 0.055 | 0.867 | 86.3 | 0.869 | 6.4 | -1.182 | 1.675 | -54.8 | 2.050 |
| 249087.0 | 843602.9 | 80.9 | 13.182 | 8.094 | 31.6 | 15.469 | 17.9 | 12.310 | 0.055 | 0.875 | 86.4 | 0.877 | 6.1 | -1.181 | 1.666 | -54.7 | 2.042 |
| 249086.3 | 843602.2 | 80.9 | 13.282 | 8.156 | 31.6 | 15.586 | 17.8 | 12.403 | 0.058 | 0.883 | 86.2 | 0.885 | 5.8 | -1.179 | 1.660 | -54.6 | 2.036 |
| 249085.6 | 843601.4 | 81.0 | 13.381 | 8.217 | 31.6 | 15.702 | 17.6 | 12.496 | 0.063 | 0.891 | 85.9 | 0.893 | 5.6 | -1.176 | 1.654 | -54.6 | 2.030 |
| 249084.9 | 843600.7 | 81.1 | 13.595 | 8.352 | 31.6 | 15.956 | 17.4 | 12.697 | 0.078 | 0.900 | 85.0 | 0.903 | 6.4 | -1.179 | 1.737 | -55.8 | 2.099 |
| 249084.2 | 843600.0 | 81.1 | 13.677 | 8.404 | 31.6 | 16.053 | 17.3 | 12.774 | 0.084 | 0.908 | 84.7 | 0.911 | 6.0 | -1.176 | 1.718 | -55.6 | 2.082 |
| 249083.5 | 843599.3 | 81.2 | 13.829 | 8.500 | 31.6 | 16.232 | 17.1 | 12.917 | 0.096 | 0.916 | 84.0 | 0.921 | 6.2 | -1.177 | 1.753 | -56.1 | 2.112 |
| 249082.8 | 843598.6 | 81.3 | 13.990 | 8.603 | 31.6 | 16.423 | 16.9 | 13.069 | 0.109 | 0.924 | 83.3 | 0.930 | 6.6 | -1.180 | 1.795 | -56.7 | 2.149 |
| 249082.1 | 843597.8 | 81.3 | 14.042 | 8.635 | 31.6 | 16.485 | 16.8 | 13.118 | 0.115 | 0.932 | 82.9 | 0.939 | 5.8 | -1.176 | 1.754 | -56.2 | 2.111 |
| 249081.4 | 843597.1 | 81.3 | 14.094 | 8.668 | 31.6 | 16.546 | 16.7 | 13.167 | 0.123 | 0.939 | 82.5 | 0.947 | 5.1 | -1.170 | 1.713 | -55.7 | 2.074 |
| 249080.7 | 843596.4 | 81.4 | 14.205 | 8.739 | 31.6 | 16.678 | 16.5 | 13.272 | 0.134 | 0.947 | 81.9 | 0.957 | 5.0 | -1.169 | 1.717 | -55.7 | 2.077 |
| 249080.0 | 843595.7 | 81.5 | 14.361 | 8.840 | 31.6 | 16.864 | 16.3 | 13.420 | 0.147 | 0.955 | 81.2 | 0.967 | 5.2 | -1.174 | 1.756 | -56.2 | 2.112 |
| 249079.3 | 843595.0 | 81.6 | 14.526 | 8.948 | 31.6 | 17.061 | 16.2 | 13.577 | 0.161 | 0.964 | 80.5 | 0.977 | 5.6 | -1.181 | 1.802 | -56.8 | 2.155 |
| 249078.6 | 843594.3 | 81.6 | 14.600 | 8.996 | 31.6 | 17.149 | 16.0 | 13.647 | 0.171 | 0.971 | 80.0 | 0.986 | 5.1 | -1.178 | 1.778 | -56.5 | 2.133 |
| 249077.9 | 843593.5 | 81.6 | 14.647 | 9.027 | 31.6 | 17.205 | 15.9 | 13.691 | 0.181 | 0.979 | 79.5 | 0.995 | 4.4 | -1.170 | 1.733 | -56.0 | 2.091 |
| 249077.2 | 843592.8 | 81.6 | 14.688 | 9.054 | 31.7 | 17.254 | 15.8 | 13.731 | 0.192 | 0.986 | 79.0 | 1.005 | 3.8 | -1.161 | 1.683 | -55.4 | 2.045 |
| 249076.5 | 843592.1 | 81.6 | 14.728 | 9.081 | 31.7 | 17.303 | 15.7 | 13.769 | 0.203 | 0.994 | 78.5 | 1.014 | 3.3 | -1.150 | 1.632 | -54.8 | 1.996 |
| 249075.8 | 843591.4 | 81.6 | 14.769 | 9.108 | 31.7 | 17.352 | 15.6 | 13.808 | 0.215 | 1.001 | 77.9 | 1.024 | 2.9 | -1.139 | 1.580 | -54.2 | 1.948 |
| 249075.1 | 843590.7 | 81.6 | 14.811 | 9.137 | 31.7 | 17.402 | 15.5 | 13.848 | 0.227 | 1.009 | 77.3 | 1.034 | 2.8 | -1.126 | 1.529 | -53.6 | 1.899 |
| 249074.5 | 843589.9 | 81.7 | 14.946 | 9.227 | 31.7 | 17.565 | 15.3 | 13.978 | 0.240 | 1.017 | 76.7 | 1.045 | 2.7 | -1.130 | 1.552 | -53.9 | 1.920 |
| 249073.8 | 843589.2 | 81.7 | 15.080 | 9.316 | 31.7 | 17.726 | 15.2 | 14.106 | 0.253 | 1.025 | 76.1 | 1.056 | 2.7 | -1.135 | 1.573 | -54.2 | 1.940 |
| 249073.1 | 843588.5 | 81.8 | 15.194 | 9.393 | 31.7 | 17.863 | 15.1 | 14.215 | 0.266 | 1.033 | 75.6 | 1.067 | 2.6 | -1.135 | 1.578 | -54.3 | 1.944 |
| 249072.4 | 843587.8 | 81.9 | 15.310 | 9.471 | 31.7 | 18.002 | 14.9 | 14.326 | 0.279 | 1.042 | 75.0 | 1.079 | 2.5 | -1.136 | 1.584 | -54.3 | 1.950 |
| 249071.7 | 843587.1 | 82.0 | 15.482 | 9.587 | 31.8 | 18.210 | 14.7 | 14.491 | 0.293 | 1.051 | 74.4 | 1.091 | 2.6 | -1.150 | 1.635 | -54.9 | 1.999 |
| 249071.0 | 843586.4 | 82.1 | 15.653 | 9.703 | 31.8 | 18.416 | 14.6 | 14.655 | 0.307 | 1.059 | 73.9 | 1.103 | 2.8 | -1.165 | 1.683 | -55.3 | 2.047 |
| 249070.3 | 843585.6 | 82.2 | 15.824 | 9.819 | 31.8 | 18.623 | 14.4 | 14.820 | 0.321 | 1.068 | 73.3 | 1.116 | 3.1 | -1.181 | 1.731 | -55.7 | 2.095 |
| 249069.6 | 843584.9 | 82.2 | 15.889 | 9.865 | 31.8 | 18.703 | 14.3 | 14.883 | 0.334 | 1.077 | 72.8 | 1.127 | 2.7 | -1.171 | 1.694 | -55.4 | 2.060 |
| 249068.9 | 843584.2 | 82.2 | 15.947 | 9.907 | 31.8 | 18.774 | 14.2 | 14.940 | 0.347 | 1.085 | 72.3 | 1.139 | 2.4 | -1.159 | 1.651 | -54.9 | 2.017 |
| 249068.2 | 843583.5 | 82.3 | 16.080 | 9.999 | 31.9 | 18.935 | 14.0 | 15.068 | 0.361 | 1.094 | 71.8 | 1.152 | 2.4 | -1.166 | 1.666 | -55.0 | 2.034 |
| 249067.5 | 843582.8 | 82.4 | 16.247 | 10.114 | 31.9 | 19.138 | 13.9 | 15.229 | 0.375 | 1.104 | 71.2 | 1.166 | 2.6 | -1.182 | 1.708 | -55.3 | 2.077 |
| 249066.8 | 843582.0 | 82.5 | 16.340 | 10.180 | 31.9 | 19.252 | 13.8 | 15.320 | 0.389 | 1.113 | 70.7 | 1.179 | 2.4 | -1.179 | 1.691 | -55.1 | 2.061 |
| 249066.1 | 843581.3 | 82.5 | 16.431 | 10.245 | 31.9 | 19.363 | 13.6 | 15.409 | 0.403 | 1.122 | 70.3 | 1.192 | 2.2 | -1.175 | 1.670 | -54.9 | 2.042 |
| 249065.4 | 843580.6 | 82.5 | 16.520 | 10.309 | 32.0 | 19.473 | 13.5 | 15.496 | 0.416 | 1.131 | 69.8 | 1.205 | 2.1 | -1.171 | 1.648 | -54.6 | 2.021 |
| 249064.7 | 843579.9 | 82.6 | 16.587 | 10.358 | 32.0 | 19.555 | 13.4 | 15.562 | 0.430 | 1.140 | 69.3 | 1.219 | 1.8 | -1.159 | 1.606 | -54.2 | 1.981 |
| 249064.0 | 843579.2 | 82.6 | 16.657 | 10.409 | 32.0 | 19.642 | 13.3 | 15.630 | 0.444 | 1.150 | 68.9 | 1.232 | 1.6 | -1.147 | 1.566 | -53.8 | 1.941 |
| 249063.3 | 843578.5 | 82.7 | 16.752 | 10.479 | 32.0 | 19.760 | 13.2 | 15.724 | 0.458 | 1.159 | 68.4 | 1.247 | 1.5 | -1.144 | 1.546 | -53.5 | 1.924 |
| 249062.6 | 843577.7 | 82.7 | 16.841 | 10.543 | 32.0 | 19.869 | 13.0 | 15.811 | 0.473 | 1.169 | 68.0 | 1.261 | 1.4 | -1.138 | 1.520 | -53.2 | 1.899 |
| 249061.9 | 843577.0 | 82.8 | 16.905 | 10.592 | 32.1 | 19.949 | 12.9 | 15.875 | 0.487 | 1.178 | 67.5 | 1.275 | 1.3 | -1.124 | 1.472 | -52.6 | 1.852 |
| 249061.2 | 843576.3 | 82.9 | 17.091 | 10.724 | 32.1 | 20.176 | 12.8 | 16.056 | 0.501 | 1.188 | 67.1 | 1.290 | 1.2 | -1.152 | 1.524 | -52.9 | 1.911 |
| 249060.5 | 843575.6 | 83.0 | 17.310 | 10.880 | 32.2 | 20.446 | 12.6 | 16.270 | 0.516 | 1.199 | 66.7 | 1.305 | 1.4 | -1.194 | 1.603 | -53.3 | 1.999 |
| 249059.8 | 843574.9 | 83.1 | 17.421 | 10.962 | 32.2 | 20.583 | 12.5 | 16.379 | 0.531 | 1.209 | 66.3 | 1.320 | 1.3 | -1.197 | 1.592 | -53.1 | 1.992 |
| 249059.1 | 843574.1 | 83.1 | 17.507 | 11.027 | 32.2 | 20.690 | 12.3 | 16.465 | 0.545 | 1.218 | 65.9 | 1.335 | 1.1 | -1.192 | 1.560 | -52.6 | 1.963 |
| 249058.4 | 843573.4 | 83.2 | 17.603 | 11.099 | 32.2 | 20.810 | 12.2 | 16.560 | 0.559 | 1.228 | 65.5 | 1.349 | 1.0 | -1.190 | 1.536 | -52.2 | 1.943 |
| 249057.7 | 843572.7 | 83.3 | 17.739 | 11.200 | 32.3 | 20.979 | 12.1 | 16.695 | 0.574 | 1.238 | 65.1 | 1.365 | 0.9 | -1.203 | 1.543 | -52.1 | 1.957 |
| 249057.1 | 843572.0 | 83.4 | 17.933 | 11.341 | 32.3 | 21.218 | 11.9 | 16.884 | 0.589 | 1.249 | 64.7 | 1.381 | 1.1 | -1.239 | 1.597 | -52.2 | 2.022 |
| 249056.4 | 843571.3 | 83.5 | 18.146 | 11.497 | 32.4 | 21.482 | 11.7 | 17.095 | 0.604 | 1.260 | 64.4 | 1.397 | 1.4 | -1.285 | 1.667 | -52.4 | 2.104 |
| 249055.7 | 843570.6 | 83.7 | 18.361 | 11.655 | 32.4 | 21.748 | 11.6 | 17.306 | 0.620 | 1.271 | 64.0 | 1.414 | 1.7 | -1.331 | 1.735 | -52.5 | 2.187 |
| 249055.0 | 843569.8 | 83.8 | 18.576 | 11.814 | 32.5 | 22.015 | 11.4 | 17.519 | 0.636 | 1.282 | 63.6 | 1.431 | 2.0 | -1.378 | 1.804 | -52.6 | 2.270 |
| 249054.3 | 843569.1 | 83.9 | 18.749 | 11.944 | 32.5 | 22.230 | 11.2 | 17.690 | 0.652 | 1.293 | 63.3 | 1.448 | 2.1 | -1.409 | 1.835 | -52.5 | 2.314 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249053.6 | 843568.4 | 83.9 | 18.765 | 11.962 | 32.5 | 22.253 | 11.1 | 17.708 | 0.665 | 1.303 | 62.9 | 1.463 | 1.6 | -1.373 | 1.738 | -51.7 | 2.214 |
| 249052.9 | 843567.7 | 84.0 | 18.803 | 11.997 | 32.5 | 22.304 | 11.1 | 17.749 | 0.680 | 1.313 | 62.6 | 1.478 | 1.2 | -1.344 | 1.656 | -50.9 | 2.133 |
| 249052.2 | 843567.0 | 84.1 | 18.969 | 12.122 | 32.6 | 22.511 | 10.9 | 17.914 | 0.696 | 1.324 | 62.3 | 1.496 | 1.2 | -1.368 | 1.677 | -50.8 | 2.164 |
| 249051.5 | 843566.2 | 84.2 | 19.099 | 12.224 | 32.6 | 22.676 | 10.8 | 18.045 | 0.712 | 1.336 | 62.0 | 1.513 | 1.2 | -1.376 | 1.666 | -50.4 | 2.161 |
| 249050.8 | 843565.5 | 84.2 | 19.224 | 12.322 | 32.7 | 22.834 | 10.6 | 18.171 | 0.728 | 1.347 | 61.6 | 1.531 | 1.1 | -1.381 | 1.650 | -50.1 | 2.152 |
| 249050.1 | 843564.8 | 84.3 | 19.341 | 12.414 | 32.7 | 22.982 | 10.5 | 18.289 | 0.744 | 1.359 | 61.3 | 1.549 | 1.0 | -1.380 | 1.623 | -49.6 | 2.131 |
| 249049.4 | 843564.1 | 84.4 | 19.406 | 12.469 | 32.7 | 23.067 | 10.4 | 18.356 | 0.760 | 1.371 | 61.0 | 1.568 | 0.7 | -1.353 | 1.551 | -48.9 | 2.058 |
| 249048.7 | 843563.4 | 84.4 | 19.478 | 12.530 | 32.8 | 23.160 | 10.3 | 18.430 | 0.776 | 1.383 | 60.7 | 1.586 | 0.5 | -1.326 | 1.482 | -48.2 | 1.989 |
| 249048.0 | 843562.7 | 84.6 | 19.715 | 12.712 | 32.8 | 23.458 | 10.1 | 18.668 | 0.794 | 1.397 | 60.4 | 1.607 | 0.8 | -1.377 | 1.548 | -48.4 | 2.072 |
| 249047.3 | 843561.9 | 84.7 | 19.918 | 12.869 | 32.9 | 23.713 | 10.0 | 18.871 | 0.811 | 1.411 | 60.1 | 1.628 | 0.9 | -1.410 | 1.583 | -48.3 | 2.120 |
| 249046.6 | 843561.2 | 84.8 | 20.117 | 13.025 | 32.9 | 23.965 | 9.8 | 19.071 | 0.829 | 1.425 | 59.8 | 1.649 | 1.1 | -1.440 | 1.612 | -48.2 | 2.162 |
| 249045.9 | 843560.5 | 85.0 | 20.328 | 13.190 | 33.0 | 24.232 | 9.6 | 19.283 | 0.847 | 1.439 | 59.5 | 1.670 | 1.3 | -1.475 | 1.648 | -48.2 | 2.212 |
| 249045.2 | 843559.8 | 85.1 | 20.509 | 13.334 | 33.0 | 24.463 | 9.5 | 19.467 | 0.866 | 1.454 | 59.2 | 1.692 | 1.3 | -1.495 | 1.658 | -48.0 | 2.232 |
| 249044.5 | 843559.1 | 85.2 | 20.646 | 13.446 | 33.1 | 24.638 | 9.3 | 19.606 | 0.884 | 1.468 | 59.0 | 1.713 | 1.3 | -1.490 | 1.628 | -47.5 | 2.206 |
| 249043.8 | 843558.4 | 85.3 | 20.831 | 13.595 | 33.1 | 24.875 | 9.2 | 19.795 | 0.902 | 1.483 | 58.7 | 1.736 | 1.3 | -1.508 | 1.636 | -47.3 | 2.225 |
| 249043.1 | 843557.6 | 85.5 | 21.072 | 13.786 | 33.2 | 25.181 | 9.0 | 20.038 | 0.922 | 1.498 | 58.4 | 1.759 | 1.5 | -1.554 | 1.688 | -47.4 | 2.294 |
| 249042.4 | 843556.9 | 85.6 | 21.281 | 13.954 | 33.3 | 25.448 | 8.8 | 20.251 | 0.941 | 1.513 | 58.1 | 1.782 | 1.6 | -1.583 | 1.712 | -47.2 | 2.331 |
| 249041.7 | 843556.2 | 85.7 | 21.492 | 14.126 | 33.3 | 25.719 | 8.6 | 20.467 | 0.960 | 1.529 | 57.9 | 1.805 | 1.7 | -1.612 | 1.736 | -47.1 | 2.369 |
| 249041.0 | 843555.5 | 85.9 | 21.709 | 14.302 | 33.4 | 25.996 | 8.5 | 20.687 | 0.979 | 1.544 | 57.6 | 1.829 | 1.8 | -1.643 | 1.761 | -47.0 | 2.408 |
| 249040.3 | 843554.8 | 86.0 | 21.860 | 14.430 | 33.4 | 26.193 | 8.3 | 20.844 | 0.998 | 1.559 | 57.4 | 1.852 | 1.8 | -1.637 | 1.731 | -46.6 | 2.383 |
| 249039.7 | 843554.0 | 86.1 | 22.012 | 14.557 | 33.5 | 26.390 | 8.2 | 21.000 | 1.017 | 1.575 | 57.1 | 1.875 | 1.7 | -1.630 | 1.698 | -46.2 | 2.354 |
| 249039.0 | 843553.3 | 86.2 | 22.199 | 14.714 | 33.5 | 26.633 | 8.0 | 21.194 | 1.037 | 1.590 | 56.9 | 1.899 | 1.8 | -1.642 | 1.693 | -45.9 | 2.358 |
| 249038.3 | 843552.6 | 86.4 | 22.420 | 14.897 | 33.6 | 26.917 | 7.8 | 21.420 | 1.057 | 1.607 | 56.7 | 1.923 | 1.9 | -1.670 | 1.714 | -45.8 | 2.393 |
| 249037.6 | 843551.9 | 86.5 | 22.650 | 15.088 | 33.7 | 27.215 | 7.7 | 21.657 | 1.077 | 1.623 | 56.4 | 1.948 | 1.9 | -1.703 | 1.742 | -45.6 | 2.436 |
| 249036.9 | 843551.2 | 86.6 | 22.850 | 15.258 | 33.7 | 27.476 | 7.5 | 21.865 | 1.098 | 1.640 | 56.2 | 1.973 | 2.0 | -1.718 | 1.742 | -45.4 | 2.447 |
| 249036.2 | 843550.5 | 86.8 | 23.053 | 15.430 | 33.8 | 27.740 | 7.3 | 22.075 | 1.118 | 1.656 | 56.0 | 1.998 | 2.0 | -1.734 | 1.742 | -45.1 | 2.458 |
| 249035.5 | 843549.7 | 86.9 | 23.290 | 15.630 | 33.9 | 28.049 | 7.2 | 22.320 | 1.139 | 1.674 | 55.8 | 2.024 | 2.1 | -1.769 | 1.769 | -45.0 | 2.502 |
| 249034.8 | 843549.0 | 87.1 | 23.550 | 15.850 | 33.9 | 28.388 | 7.0 | 22.590 | 1.160 | 1.691 | 55.6 | 2.051 | 2.2 | -1.816 | 1.815 | -45.0 | 2.567 |
| 249034.1 | 843548.3 | 87.2 | 23.810 | 16.071 | 34.0 | 28.726 | 6.8 | 22.860 | 1.182 | 1.709 | 55.3 | 2.078 | 2.3 | -1.863 | 1.858 | -44.9 | 2.631 |
| 249033.4 | 843547.6 | 87.4 | 24.071 | 16.294 | 34.1 | 29.067 | 6.6 | 23.131 | 1.203 | 1.727 | 55.1 | 2.105 | 2.4 | -1.910 | 1.900 | -44.8 | 2.694 |
| 249032.7 | 843546.9 | 87.6 | 24.391 | 16.566 | 34.2 | 29.485 | 6.3 | 23.463 | 1.226 | 1.746 | 54.9 | 2.134 | 2.5 | -1.993 | 1.992 | -45.0 | 2.818 |
| 249032.0 | 843546.1 | 87.8 | 24.722 | 16.849 | 34.3 | 29.917 | 6.1 | 23.807 | 1.249 | 1.766 | 54.7 | 2.163 | 2.7 | -2.083 | 2.092 | -45.1 | 2.952 |
| 249031.3 | 843545.4 | 88.0 | 25.064 | 17.143 | 34.4 | 30.366 | 5.9 | 24.165 | 1.272 | 1.785 | 54.5 | 2.192 | 2.8 | -2.181 | 2.203 | -45.3 | 3.100 |
| 249030.6 | 843544.7 | 88.2 | 25.412 | 17.444 | 34.5 | 30.823 | 5.6 | 24.528 | 1.296 | 1.804 | 54.3 | 2.221 | 2.9 | -2.284 | 2.318 | -45.4 | 3.254 |
| 249029.9 | 843544.0 | 88.4 | 25.787 | 17.769 | 34.6 | 31.316 | 5.4 | 24.920 | 1.320 | 1.824 | 54.1 | 2.251 | 3.1 | -2.404 | 2.457 | -45.6 | 3.437 |
| 249029.2 | 843543.3 | 88.6 | 26.165 | 18.099 | 34.7 | 31.814 | 5.1 | 25.317 | 1.344 | 1.843 | 53.9 | 2.281 | 3.2 | -2.529 | 2.600 | -45.8 | 3.627 |
| 249028.5 | 843542.6 | 88.8 | 26.487 | 18.385 | 34.8 | 32.243 | 4.9 | 25.658 | 1.366 | 1.862 | 53.7 | 2.309 | 3.3 | -2.623 | 2.700 | -45.8 | 3.764 |
| 249027.8 | 843541.8 | 89.0 | 26.742 | 18.617 | 34.8 | 32.584 | 4.7 | 25.930 | 1.387 | 1.879 | 53.6 | 2.335 | 3.3 | -2.678 | 2.748 | -45.7 | 3.837 |
| 249027.1 | 843541.1 | 89.1 | 26.911 | 18.778 | 34.9 | 32.815 | 4.6 | 26.113 | 1.406 | 1.894 | 53.4 | 2.359 | 3.2 | -2.684 | 2.729 | -45.5 | 3.827 |
| 249026.4 | 843540.4 | 89.2 | 27.029 | 18.897 | 35.0 | 32.980 | 4.4 | 26.244 | 1.423 | 1.908 | 53.3 | 2.380 | 3.1 | -2.660 | 2.672 | -45.1 | 3.770 |
| 249025.7 | 843539.7 | 89.4 | 27.393 | 19.224 | 35.1 | 33.465 | 4.2 | 26.631 | 1.446 | 1.924 | 53.1 | 2.407 | 3.1 | -2.792 | 2.825 | -45.3 | 3.972 |
| 249025.0 | 843539.0 | 89.5 | 27.652 | 19.464 | 35.1 | 33.815 | 4.0 | 26.909 | 1.465 | 1.939 | 52.9 | 2.430 | 3.1 | -2.862 | 2.897 | -45.3 | 4.072 |
| 249024.3 | 843538.2 | 89.6 | 27.798 | 19.610 | 35.2 | 34.019 | 3.9 | 27.071 | 1.482 | 1.951 | 52.8 | 2.450 | 3.0 | -2.867 | 2.882 | -45.1 | 4.065 |
| 249023.6 | 843537.5 | 89.7 | 27.951 | 19.762 | 35.3 | 34.231 | 3.7 | 27.241 | 1.498 | 1.963 | 52.6 | 2.470 | 2.9 | -2.879 | 2.879 | -45.0 | 4.071 |
| 249022.9 | 843536.8 | 89.8 | 28.106 | 19.916 | 35.3 | 34.447 | 3.6 | 27.412 | 1.514 | 1.974 | 52.5 | 2.488 | 2.8 | -2.896 | 2.885 | -44.9 | 4.088 |
| 249022.3 | 843536.1 | 89.9 | 28.260 | 20.071 | 35.4 | 34.662 | 3.5 | 27.583 | 1.530 | 1.985 | 52.4 | 2.506 | 2.7 | -2.917 | 2.897 | -44.8 | 4.111 |
| 249021.6 | 843535.4 | 90.1 | 28.413 | 20.224 | 35.4 | 34.876 | 3.3 | 27.754 | 1.545 | 1.995 | 52.2 | 2.523 | 2.7 | -2.942 | 2.917 | -44.8 | 4.143 |
| 249020.9 | 843534.7 | 90.2 | 28.563 | 20.376 | 35.5 | 35.086 | 3.2 | 27.920 | 1.560 | 2.004 | 52.1 | 2.539 | 2.6 | -2.969 | 2.941 | -44.7 | 4.179 |
| 249020.2 | 843533.9 | 90.3 | 28.681 | 20.500 | 35.6 | 35.254 | 3.1 | 28.054 | 1.573 | 2.011 | 52.0 | 2.554 | 2.5 | -2.980 | 2.948 | -44.7 | 4.192 |
| 249019.5 | 843533.2 | 90.4 | 28.857 | 20.677 | 35.6 | 35.500 | 3.0 | 28.250 | 1.587 | 2.019 | 51.8 | 2.568 | 2.4 | -3.035 | 3.012 | -44.8 | 4.276 |
| 249018.8 | 843532.5 | 90.4 | 28.905 | 20.741 | 35.7 | 35.576 | 2.9 | 28.311 | 1.598 | 2.025 | 51.7 | 2.580 | 2.3 | -3.009 | 2.976 | -44.7 | 4.232 |
| 249018.1 | 843531.8 | 90.5 | 29.012 | 20.857 | 35.7 | 35.731 | 2.8 | 28.434 | 1.610 | 2.031 | 51.6 | 2.591 | 2.2 | -3.028 | 2.998 | -44.7 | 4.261 |
| 249017.4 | 843531.1 | 90.6 | 29.052 | 20.915 | 35.8 | 35.797 | 2.7 | 28.486 | 1.620 | 2.035 | 51.5 | 2.600 | 2.1 | -3.007 | 2.973 | -44.7 | 4.228 |
| 249016.7 | 843530.3 | 90.7 | 29.090 | 20.971 | 35.8 | 35.860 | 2.6 | 28.537 | 1.629 | 2.038 | 51.4 | 2.609 | 1.9 | -2.988 | 2.953 | -44.7 | 4.201 |
| 249016.0 | 843529.6 | 90.7 | 29.126 | 21.025 | 35.8 | 35.922 | 2.6 | 28.586 | 1.638 | 2.041 | 51.2 | 2.617 | 1.8 | -2.973 | 2.940 | -44.7 | 4.181 |
| 249015.3 | 843528.9 | 90.8 | 29.161 | 21.078 | 35.9 | 35.981 | 2.5 | 28.633 | 1.646 | 2.043 | 51.1 | 2.624 | 1.7 | -2.961 | 2.934 | -44.7 | 4.168 |
| 249014.6 | 843528.2 | 90.9 | 29.222 | 21.155 | 35.9 | 36.076 | 2.4 | 28.709 | 1.655 | 2.045 | 51.0 | 2.631 | 1.6 | -2.971 | 2.957 | -44.9 | 4.192 |
| 249013.9 | 843527.5 | 90.9 | 29.192 | 21.151 | 35.9 | 36.049 | 2.4 | 28.687 | 1.661 | 2.045 | 50.9 | 2.635 | 1.5 | -2.921 | 2.909 | -44.9 | 4.122 |
| 249013.2 | 843526.8 | 90.9 | 29.195 | 21.176 | 36.0 | 36.066 | 2.3 | 28.700 | 1.668 | 2.046 | 50.8 | 2.640 | 1.4 | -2.897 | 2.894 | -45.0 | 4.095 |
| 249012.5 | 843526.0 | 91.0 | 29.244 | 21.242 | 36.0 | 36.145 | 2.3 | 28.763 | 1.676 | 2.047 | 50.7 | 2.646 | 1.3 | -2.909 | 2.926 | -45.2 | 4.126 |
| 249011.8 | 843525.3 | 91.1 | 29.292 | 21.307 | 36.0 | 36.222 | 2.2 | 28.824 | 1.683 | 2.049 | 50.6 | 2.651 | 1.2 | -2.923 | 2.960 | -45.4 | 4.160 |
| 249011.1 | 843524.6 | 91.1 | 29.293 | 21.330 | 36.1 | 36.236 | 2.2 | 28.836 | 1.689 | 2.049 | 50.5 | 2.656 | 1.1 | -2.906 | 2.958 | -45.5 | 4.146 |
| 249010.4 | 843523.9 | 91.2 | 29.272 | 21.334 | 36.1 | 36.221 | 2.1 | 28.824 | 1.696 | 2.048 | 50.4 | 2.659 | 1.0 | -2.906 | 2.912 | -45.1 | 4.114 |
| 249009.7 | 843523.2 | 91.2 | 29.260 | 21.346 | 36.1 | 36.219 | 2.1 | 28.822 | 1.702 | 2.048 | 50.3 | 2.663 | 0.9 | -2.883 | 2.905 | -45.2 | 4.092 |
| 249009.0 | 843522.4 | 91.3 | 29.260 | 21.367 | 36.1 | 36.231 | 2.0 | 28.832 | 1.708 | 2.049 | 50.2 | 2.667 | 0.8 | -2.869 | 2.909 | -45.4 | 4.085 |
| 249008.3 | 843521.7 | 91.3 | 29.205 | 21.340 | 36.2 | 36.171 | 2.0 | 28.784 | 1.713 | 2.049 | 50.1 | 2.670 | 0.7 | -2.816 | 2.867 | -45.5 | 4.018 |
| 249007.6 | 843521.0 | 91.3 | 29.070 | 21.240 | 36.2 | 36.002 | 2.0 | 28.650 | 1.717 | 2.048 | 50.0 | 2.672 | 0.7 | -2.703 | 2.755 | -45.5 | 3.860 |
| 249006.9 | 843520.3 | 91.3 | 28.941 | 21.145 | 36.2 | 35.843 | 2.1 | 28.523 | 1.721 | 2.047 | 50.0 | 2.674 | 0.6 | -2.595 | 2.648 | -45.6 | 3.707 |
| 249006.2 | 843519.6 | 91.3 | 28.812 | 21.050 | 36.2 | 35.682 | 2.1 | 28.395 | 1.725 | 2.047 | 49.9 | 2.677 | 0.5 | -2.484 | 2.539 | -45.6 | 3.552 |
| 249005.5 | 843518.9 | 91.3 | 28.682 | 20.954 | 36.2 | 35.520 | 2.1 | 28.266 | 1.729 | 2.047 | 49.8 | 2.680 | 0.5 | -2.372 | 2.427 | -45.7 | 3.393 |
| 249004.9 | 843518.1 | 91.3 | 28.586 | 20.888 | 36.2 | 35.404 | 2.2 | 28.174 | 1.734 | 2.049 | 49.8 | 2.684 | 0.5 | -2.283 | 2.343 | -45.7 | 3.271 |
| 249004.2 | 843517.4 | 91.4 | 28.581 | 20.905 | 36.2 | 35.411 | 2.1 | 28.179 | 1.741 | 2.052 | 49.7 | 2.690 | 0.5 | -2.263 | 2.339 | -45.9 | 3.255 |
| 249003.5 | 843516.7 | 91.4 | 28.416 | 20.776 | 36.2 | 35.201 | 2.2 | 28.012 | 1.745 | 2.053 | 49.6 | 2.694 | 0.5 | -2.118 | 2.188 | -45.9 | 3.045 |
| 249002.8 | 843516.0 | 91.3 | 28.115 | 20.525 | 36.1 | 34.810 | 2.3 | 27.701 | 1.748 | 2.053 | 49.6 | 2.696 | 0.4 | -1.864 | 1.907 | -45.7 | 2.667 |
| 249002.1 | 843515.3 | 91.2 | 27.816 | 20.276 | 36.1 | 34.422 | 2.4 | 27.392 | 1.752 | 2.053 | 49.5 | 2.699 | 0.4 | -1.607 | 1.622 | -45.3 | 2.283 |
| 249001.4 | 843514.6 | 91.2 | 27.666 | 20.161 | 36.1 | 34.233 | 2.5 | 27.241 | 1.757 | 2.056 | 49.5 | 2.705 | 0.4 | -1.465 | 1.472 | -45.1 | 2.076 |
| 249000.7 | 843513.8 | 91.2 | 27.587 | 20.108 | 36.1 | 34.138 | 2.5 | 27.166 | 1.763 | 2.060 | 49.4 | 2.712 | 0.5 | -1.378 | 1.385 | -45.1 | 1.954 |
| 249000.0 | 843513.1 | 91.2 | 27.510 | 20.058 | 36.1 | 34.046 | 2.5 | 27.093 | 1.769 | 2.064 | 49.4 | 2.719 | 0.5 | -1.293 | 1.298 | -45.1 | 1.832 |
| 248999.3 | 843512.4 | 91.3 | 27.432 | 20.006 | 36.1 | 33.952 | 2.5 | 27.018 | 1.775 | 2.068 | 49.4 | 2.725 | 0.5 | -1.207 | 1.208 | -45.0 | 1.708 |
| 248998.6 | 843511.7 | 91.3 | 27.368 | 19.967 | 36.1 | 33.877 | 2.5 | 26.959 | 1.781 | 2.072 | 49.3 | 2.732 | 0.6 | -1.132 | 1.131 | -45.0 | 1.601 |
| 248997.9 | 843511.0 | 91.4 | 27.378 | 19.996 | 36.1 | 33.903 | 2.4 | 26.979 | 1.787 | 2.076 | 49.3 | 2.739 | 0.6 | -1.121 | 1.126 | -45.1 | 1.589 |
| 248997.2 | 843510.2 | 91.5 | 27.468 | 20.095 | 36.2 | 34.034 | 2.3 | 27.083 | 1.793 | 2.081 | 49.3 | 2.747 | 0.7 | -1.179 | 1.198 | -45.5 | 1.681 |
| 248996.5 | 843509.5 | 91.6 | 27.557 | 20.194 | 36.2 | 34.164 | 2.3 | 27.187 | 1.799 | 2.086 | 49.2 | 2.755 | 0.8 | -1.237 | 1.269 | -45.7 | 1.772 |
| 248995.8 | 843508.8 | 91.7 | 27.624 | 20.274 | 36.3 | 34.265 | 2.2 | 27.268 | 1.804 | 2.091 | 49.2 | 2.762 | 0.8 | -1.280 | 1.321 | -45.9 | 1.840 |
| 248995.1 | 843508.1 | 91.7 | 27.600 | 20.271 | 36.3 | 34.245 | 2.2 | 27.251 | 1.809 | 2.095 | 49.2 | 2.768 | 0.9 | -1.250 | 1.285 | -45.8 | 1.793 |
| 248994.4 | 843507.4 | 91.9 | 27.871 | 20.536 | 36.4 | 34.620 | 2.0 | 27.550 | 1.815 | 2.101 | 49.2 | 2.776 | 1.0 | -1.469 | 1.537 | -46.3 | 2.126 |
| 248993.7 | 843506.7 | 92.0 | 27.834 | 20.521 | 36.4 | 34.580 | 2.0 | 27.518 | 1.819 | 2.105 | 49.2 | 2.782 | 1.0 | -1.434 | 1.492 | -46.1 | 2.069 |

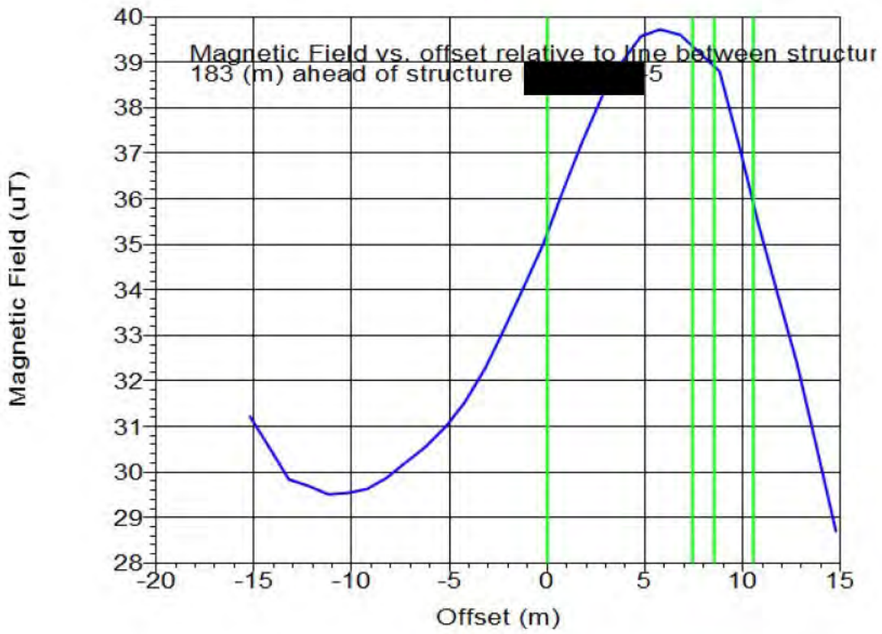
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248993.0 | 843505.9 | 92.0 | 27.793 | 20.502 | 36.4 | 34.537 | 2.0 | 27.483 | 1.822 | 2.108 | 49.2 | 2.786 | 1.1 | -1.398 | 1.445 | -45.9 | 2.011 |
| 248992.3 | 843505.2 | 92.1 | 27.831 | 20.555 | 36.4 | 34.599 | 1.9 | 27.533 | 1.826 | 2.112 | 49.1 | 2.792 | 1.1 | -1.433 | 1.478 | -45.9 | 2.059 |
| 248991.6 | 843504.5 | 92.2 | 27.947 | 20.680 | 36.5 | 34.766 | 1.8 | 27.666 | 1.830 | 2.116 | 49.1 | 2.797 | 1.2 | -1.538 | 1.591 | -46.0 | 2.213 |
| 248990.9 | 843503.8 | 92.3 | 28.061 | 20.804 | 36.6 | 34.932 | 1.7 | 27.798 | 1.834 | 2.119 | 49.1 | 2.802 | 1.2 | -1.646 | 1.707 | -46.0 | 2.371 |
| 248990.2 | 843503.1 | 92.5 | 28.150 | 20.904 | 36.6 | 35.063 | 1.6 | 27.902 | 1.837 | 2.122 | 49.1 | 2.807 | 1.3 | -1.736 | 1.801 | -46.1 | 2.501 |
| 248989.5 | 843502.3 | 92.5 | 28.164 | 20.936 | 36.6 | 35.093 | 1.6 | 27.926 | 1.839 | 2.124 | 49.1 | 2.809 | 1.3 | -1.768 | 1.828 | -46.0 | 2.543 |
| 248988.8 | 843501.6 | 92.6 | 28.189 | 20.977 | 36.7 | 35.138 | 1.5 | 27.962 | 1.840 | 2.125 | 49.1 | 2.811 | 1.3 | -1.815 | 1.872 | -45.9 | 2.607 |
| 248988.1 | 843500.9 | 92.7 | 28.217 | 21.022 | 36.7 | 35.187 | 1.5 | 28.001 | 1.841 | 2.126 | 49.1 | 2.812 | 1.3 | -1.869 | 1.925 | -45.8 | 2.682 |
| 248987.5 | 843500.2 | 92.8 | 28.243 | 21.065 | 36.7 | 35.234 | 1.4 | 28.038 | 1.842 | 2.126 | 49.1 | 2.813 | 1.4 | -1.926 | 1.982 | -45.8 | 2.764 |
| 248986.8 | 843499.5 | 92.9 | 28.268 | 21.107 | 36.7 | 35.279 | 1.4 | 28.074 | 1.842 | 2.126 | 49.1 | 2.813 | 1.4 | -1.988 | 2.045 | -45.8 | 2.852 |
| 248986.1 | 843498.8 | 93.0 | 28.292 | 21.148 | 36.8 | 35.323 | 1.4 | 28.109 | 1.842 | 2.124 | 49.1 | 2.812 | 1.4 | -2.053 | 2.113 | -45.8 | 2.946 |
| 248985.4 | 843498.0 | 93.1 | 28.390 | 21.257 | 36.8 | 35.467 | 1.3 | 28.223 | 1.842 | 2.124 | 49.1 | 2.811 | 1.4 | -2.184 | 2.259 | -46.0 | 3.142 |
| 248984.7 | 843497.3 | 93.2 | 28.549 | 21.423 | 36.9 | 35.693 | 1.2 | 28.403 | 1.843 | 2.123 | 49.0 | 2.812 | 1.4 | -2.369 | 2.468 | -46.2 | 3.421 |
| 248984.0 | 843496.6 | 93.4 | 28.706 | 21.589 | 36.9 | 35.919 | 1.0 | 28.583 | 1.844 | 2.123 | 49.0 | 2.812 | 1.4 | -2.557 | 2.681 | -46.4 | 3.705 |
| 248983.3 | 843495.9 | 93.4 | 28.675 | 21.578 | 37.0 | 35.886 | 1.0 | 28.557 | 1.842 | 2.119 | 49.0 | 2.808 | 1.3 | -2.592 | 2.718 | -46.4 | 3.756 |
| 248982.6 | 843495.2 | 93.6 | 28.874 | 21.783 | 37.0 | 36.169 | 0.9 | 28.783 | 1.844 | 2.119 | 49.0 | 2.809 | 1.3 | -2.819 | 2.979 | -46.6 | 4.101 |
| 248981.9 | 843494.4 | 93.8 | 29.101 | 22.016 | 37.1 | 36.491 | 0.7 | 29.038 | 1.846 | 2.120 | 49.0 | 2.812 | 1.4 | -3.069 | 3.267 | -46.8 | 4.482 |
| 248981.2 | 843493.7 | 93.9 | 29.252 | 22.177 | 37.2 | 36.708 | 0.6 | 29.212 | 1.848 | 2.121 | 48.9 | 2.813 | 1.4 | -3.259 | 3.485 | -46.9 | 4.772 |
| 248980.5 | 843493.0 | 94.0 | 29.242 | 22.186 | 37.2 | 36.705 | 0.6 | 29.209 | 1.846 | 2.118 | 48.9 | 2.809 | 1.4 | -3.320 | 3.557 | -47.0 | 4.866 |
| 248979.8 | 843492.3 | 94.1 | 29.232 | 22.195 | 37.2 | 36.704 | 0.6 | 29.208 | 1.845 | 2.115 | 48.9 | 2.806 | 1.4 | -3.384 | 3.633 | -47.0 | 4.965 |
| 248979.1 | 843491.6 | 94.2 | 29.307 | 22.284 | 37.2 | 36.817 | 0.5 | 29.298 | 1.845 | 2.114 | 48.9 | 2.806 | 1.4 | -3.516 | 3.787 | -47.1 | 5.168 |
| 248978.4 | 843490.9 | 94.3 | 29.283 | 22.280 | 37.3 | 36.796 | 0.5 | 29.281 | 1.843 | 2.111 | 48.9 | 2.803 | 1.4 | -3.571 | 3.853 | -47.2 | 5.253 |
| 248977.7 | 843490.1 | 94.4 | 29.389 | 22.399 | 37.3 | 36.951 | 0.4 | 29.405 | 1.845 | 2.112 | 48.9 | 2.804 | 1.4 | -3.728 | 4.036 | -47.3 | 5.494 |
| 248977.0 | 843489.4 | 94.5 | 29.392 | 22.420 | 37.3 | 36.967 | 0.4 | 29.417 | 1.844 | 2.110 | 48.8 | 2.802 | 1.5 | -3.804 | 4.127 | -47.3 | 5.613 |
| 248976.3 | 843488.7 | 94.5 | 29.338 | 22.387 | 37.3 | 36.904 | 0.4 | 29.367 | 1.842 | 2.107 | 48.8 | 2.798 | 1.5 | -3.836 | 4.167 | -47.4 | 5.664 |
| 248975.6 | 843488.0 | 94.5 | 29.152 | 22.228 | 37.3 | 36.659 | 0.5 | 29.173 | 1.837 | 2.101 | 48.8 | 2.791 | 1.5 | -3.764 | 4.087 | -47.4 | 5.556 |
| 248974.9 | 843487.3 | 94.5 | 28.936 | 22.041 | 37.3 | 36.375 | 0.5 | 28.946 | 1.832 | 2.094 | 48.8 | 2.782 | 1.4 | -3.667 | 3.979 | -47.3 | 5.411 |
| 248974.2 | 843486.5 | 94.5 | 28.720 | 21.853 | 37.3 | 36.089 | 0.6 | 28.718 | 1.826 | 2.088 | 48.8 | 2.774 | 1.4 | -3.568 | 3.869 | -47.3 | 5.263 |
| 248973.5 | 843485.8 | 94.6 | 28.782 | 21.930 | 37.3 | 36.184 | 0.6 | 28.794 | 1.827 | 2.088 | 48.8 | 2.775 | 1.5 | -3.691 | 4.011 | -47.4 | 5.451 |
| 248972.8 | 843485.1 | 94.7 | 28.745 | 21.913 | 37.3 | 36.145 | 0.6 | 28.763 | 1.826 | 2.086 | 48.8 | 2.773 | 1.5 | -3.735 | 4.062 | -47.4 | 5.518 |
| 248972.1 | 843484.4 | 94.5 | 28.240 | 21.450 | 37.2 | 35.463 | 0.8 | 28.220 | 1.814 | 2.074 | 48.8 | 2.755 | 1.5 | -3.399 | 3.679 | -47.3 | 5.009 |
| 248971.4 | 843483.7 | 94.5 | 28.071 | 21.308 | 37.2 | 35.242 | 0.9 | 28.045 | 1.810 | 2.069 | 48.8 | 2.749 | 1.5 | -3.334 | 3.602 | -47.2 | 4.908 |
| 248970.7 | 843483.0 | 94.6 | 27.923 | 21.184 | 37.2 | 35.050 | 0.9 | 27.892 | 1.807 | 2.065 | 48.8 | 2.744 | 1.5 | -3.283 | 3.541 | -47.2 | 4.829 |
| 248970.0 | 843482.2 | 94.5 | 27.705 | 20.994 | 37.2 | 34.760 | 1.0 | 27.661 | 1.802 | 2.060 | 48.8 | 2.737 | 1.5 | -3.172 | 3.410 | -47.1 | 4.657 |
| 248969.4 | 843481.5 | 94.5 | 27.521 | 20.836 | 37.1 | 34.519 | 1.1 | 27.469 | 1.798 | 2.056 | 48.8 | 2.731 | 1.5 | -3.088 | 3.307 | -47.0 | 4.525 |
| 248968.7 | 843480.8 | 94.6 | 27.377 | 20.717 | 37.1 | 34.332 | 1.2 | 27.320 | 1.795 | 2.054 | 48.8 | 2.727 | 1.6 | -3.036 | 3.238 | -46.8 | 4.439 |
| 248968.0 | 843480.1 | 94.6 | 27.286 | 20.646 | 37.1 | 34.217 | 1.2 | 27.229 | 1.793 | 2.052 | 48.9 | 2.725 | 1.6 | -3.026 | 3.216 | -46.7 | 4.416 |
| 248967.3 | 843479.4 | 94.5 | 26.894 | 20.293 | 37.0 | 33.691 | 1.4 | 26.811 | 1.785 | 2.045 | 48.9 | 2.715 | 1.6 | -2.759 | 2.897 | -46.4 | 4.001 |
| 248966.6 | 843478.6 | 94.4 | 26.484 | 19.923 | 37.0 | 33.141 | 1.6 | 26.373 | 1.778 | 2.038 | 48.9 | 2.705 | 1.6 | -2.469 | 2.550 | -45.9 | 3.550 |
| 248965.9 | 843477.9 | 94.3 | 26.217 | 19.688 | 36.9 | 32.787 | 1.7 | 26.091 | 1.773 | 2.035 | 48.9 | 2.699 | 1.7 | -2.299 | 2.337 | -45.5 | 3.278 |
| 248965.2 | 843477.2 | 94.3 | 25.994 | 19.494 | 36.9 | 32.492 | 1.8 | 25.857 | 1.770 | 2.033 | 49.0 | 2.695 | 1.7 | -2.164 | 2.161 | -45.0 | 3.059 |
| 248964.5 | 843476.5 | 94.4 | 25.944 | 19.461 | 36.9 | 32.432 | 1.8 | 25.808 | 1.769 | 2.034 | 49.0 | 2.696 | 1.8 | -2.181 | 2.158 | -44.7 | 3.068 |
| 248963.8 | 843475.8 | 94.5 | 26.059 | 19.583 | 36.9 | 32.597 | 1.7 | 25.940 | 1.771 | 2.039 | 49.0 | 2.701 | 1.8 | -2.344 | 2.320 | -44.7 | 3.298 |
| 248963.1 | 843475.1 | 94.7 | 26.133 | 19.667 | 37.0 | 32.707 | 1.6 | 26.027 | 1.772 | 2.043 | 49.1 | 2.705 | 1.9 | -2.469 | 2.438 | -44.6 | 3.470 |
| 248962.4 | 843474.3 | 94.8 | 26.136 | 19.684 | 37.0 | 32.719 | 1.6 | 26.037 | 1.773 | 2.046 | 49.1 | 2.707 | 1.9 | -2.531 | 2.482 | -44.4 | 3.545 |
| 248961.7 | 843473.6 | 94.8 | 26.108 | 19.672 | 37.0 | 32.689 | 1.6 | 26.013 | 1.773 | 2.048 | 49.1 | 2.709 | 2.0 | -2.565 | 2.492 | -44.2 | 3.576 |
| 248961.0 | 843472.9 | 94.9 | 26.065 | 19.645 | 37.0 | 32.639 | 1.6 | 25.973 | 1.772 | 2.051 | 49.2 | 2.710 | 2.0 | -2.586 | 2.486 | -43.9 | 3.587 |
| 248960.3 | 843472.2 | 95.0 | 26.020 | 19.618 | 37.0 | 32.587 | 1.6 | 25.932 | 1.772 | 2.053 | 49.2 | 2.712 | 2.0 | -2.607 | 2.478 | -43.5 | 3.597 |
| 248959.6 | 843471.5 | 95.1 | 25.975 | 19.589 | 37.0 | 32.534 | 1.6 | 25.889 | 1.771 | 2.054 | 49.2 | 2.713 | 2.1 | -2.627 | 2.469 | -43.2 | 3.605 |
| 248958.9 | 843470.8 | 95.2 | 26.014 | 19.640 | 37.1 | 32.596 | 1.6 | 25.939 | 1.772 | 2.057 | 49.3 | 2.715 | 2.1 | -2.723 | 2.549 | -43.1 | 3.730 |
| 248958.2 | 843470.0 | 95.4 | 26.205 | 19.834 | 37.1 | 32.865 | 1.4 | 26.153 | 1.776 | 2.063 | 49.3 | 2.722 | 2.1 | -2.955 | 2.786 | -43.3 | 4.061 |
| 248957.5 | 843469.3 | 95.4 | 26.039 | 19.690 | 37.1 | 32.645 | 1.5 | 25.978 | 1.772 | 2.061 | 49.3 | 2.718 | 2.1 | -2.873 | 2.660 | -42.8 | 3.915 |
| 248956.8 | 843468.6 | 95.5 | 26.093 | 19.755 | 37.1 | 32.728 | 1.5 | 26.044 | 1.773 | 2.063 | 49.3 | 2.720 | 2.1 | -2.989 | 2.763 | -42.8 | 4.070 |
| 248956.1 | 843467.9 | 95.5 | 25.953 | 19.637 | 37.1 | 32.545 | 1.5 | 25.899 | 1.770 | 2.061 | 49.3 | 2.716 | 2.1 | -2.935 | 2.671 | -42.3 | 3.968 |
| 248955.4 | 843467.2 | 95.6 | 25.953 | 19.651 | 37.1 | 32.553 | 1.5 | 25.905 | 1.768 | 2.060 | 49.4 | 2.715 | 2.1 | -3.008 | 2.727 | -42.2 | 4.060 |
| 248954.7 | 843466.4 | 95.7 | 25.901 | 19.615 | 37.1 | 32.490 | 1.5 | 25.855 | 1.766 | 2.058 | 49.4 | 2.712 | 2.1 | -3.039 | 2.734 | -42.0 | 4.088 |
| 248954.0 | 843465.7 | 95.8 | 25.853 | 19.583 | 37.1 | 32.433 | 1.5 | 25.809 | 1.763 | 2.056 | 49.4 | 2.708 | 2.1 | -3.076 | 2.751 | -41.8 | 4.127 |
| 248953.3 | 843465.0 | 95.8 | 25.740 | 19.490 | 37.1 | 32.286 | 1.5 | 25.693 | 1.759 | 2.052 | 49.4 | 2.703 | 2.1 | -3.058 | 2.705 | -41.5 | 4.083 |
| 248952.6 | 843464.3 | 95.9 | 25.668 | 19.435 | 37.1 | 32.196 | 1.5 | 25.621 | 1.755 | 2.048 | 49.4 | 2.697 | 2.1 | -3.081 | 2.707 | -41.3 | 4.101 |
| 248952.0 | 843463.6 | 96.0 | 25.648 | 19.429 | 37.1 | 32.176 | 1.5 | 25.605 | 1.752 | 2.044 | 49.4 | 2.692 | 2.1 | -3.152 | 2.769 | -41.3 | 4.196 |
| 248951.3 | 843462.9 | 96.1 | 25.573 | 19.371 | 37.1 | 32.081 | 1.6 | 25.529 | 1.748 | 2.039 | 49.4 | 2.686 | 2.1 | -3.178 | 2.778 | -41.2 | 4.221 |
| 248950.6 | 843462.1 | 96.0 | 25.367 | 19.189 | 37.1 | 31.807 | 1.6 | 25.311 | 1.741 | 2.032 | 49.4 | 2.676 | 2.2 | -3.090 | 2.653 | -40.7 | 4.073 |
| 248949.9 | 843461.4 | 96.0 | 25.149 | 18.997 | 37.1 | 31.518 | 1.7 | 25.081 | 1.734 | 2.024 | 49.4 | 2.665 | 2.2 | -2.992 | 2.520 | -40.1 | 3.912 |
| 248949.2 | 843460.7 | 96.1 | 25.121 | 18.983 | 37.1 | 31.486 | 1.7 | 25.056 | 1.730 | 2.019 | 49.4 | 2.658 | 2.2 | -3.069 | 2.591 | -40.2 | 4.017 |
| 248948.5 | 843460.0 | 96.2 | 25.057 | 18.935 | 37.1 | 31.407 | 1.7 | 24.993 | 1.725 | 2.013 | 49.4 | 2.651 | 2.2 | -3.116 | 2.630 | -40.2 | 4.077 |
| 248947.8 | 843459.3 | 96.2 | 24.769 | 18.677 | 37.0 | 31.021 | 1.9 | 24.686 | 1.716 | 2.003 | 49.4 | 2.638 | 2.2 | -2.960 | 2.430 | -39.4 | 3.830 |
| 248947.1 | 843458.5 | 96.2 | 24.604 | 18.534 | 37.0 | 30.804 | 1.9 | 24.513 | 1.709 | 1.995 | 49.4 | 2.627 | 2.2 | -2.918 | 2.365 | -39.0 | 3.756 |
| 248946.4 | 843457.8 | 96.2 | 24.410 | 18.363 | 37.0 | 30.546 | 2.0 | 24.308 | 1.702 | 1.987 | 49.4 | 2.616 | 2.2 | -2.851 | 2.270 | -38.5 | 3.644 |
| 248945.7 | 843457.1 | 96.2 | 24.283 | 18.256 | 36.9 | 30.380 | 2.1 | 24.176 | 1.696 | 1.979 | 49.4 | 2.607 | 2.2 | -2.846 | 2.251 | -38.3 | 3.628 |
| 248945.0 | 843456.4 | 96.3 | 24.228 | 18.216 | 36.9 | 30.313 | 2.1 | 24.122 | 1.691 | 1.973 | 49.4 | 2.599 | 2.2 | -2.910 | 2.312 | -38.5 | 3.717 |
| 248944.3 | 843455.7 | 96.3 | 24.008 | 18.021 | 36.9 | 30.019 | 2.2 | 23.888 | 1.683 | 1.964 | 49.4 | 2.586 | 2.3 | -2.820 | 2.194 | -37.9 | 3.573 |
| 248943.6 | 843455.0 | 96.3 | 23.808 | 17.846 | 36.9 | 29.754 | 2.3 | 23.678 | 1.675 | 1.955 | 49.4 | 2.575 | 2.3 | -2.750 | 2.099 | -37.3 | 3.460 |
| 248942.9 | 843454.2 | 96.3 | 23.711 | 17.766 | 36.8 | 29.628 | 2.3 | 23.577 | 1.669 | 1.948 | 49.4 | 2.565 | 2.3 | -2.777 | 2.118 | -37.3 | 3.492 |
| 248942.2 | 843453.5 | 96.3 | 23.473 | 17.555 | 36.8 | 29.312 | 2.4 | 23.325 | 1.660 | 1.939 | 49.4 | 2.553 | 2.3 | -2.671 | 1.981 | -36.6 | 3.325 |
| 248941.5 | 843452.8 | 96.3 | 23.210 | 17.315 | 36.7 | 28.957 | 2.6 | 23.044 | 1.644 | 1.926 | 49.5 | 2.532 | 2.4 | -2.741 | 1.915 | -34.9 | 3.344 |
| 248940.8 | 843452.1 | 96.4 | 23.249 | 17.362 | 36.8 | 29.016 | 2.5 | 23.090 | 1.640 | 1.921 | 49.5 | 2.526 | 2.4 | -2.900 | 2.091 | -35.8 | 3.575 |
| 248940.1 | 843451.4 | 96.6 | 23.325 | 17.443 | 36.8 | 29.126 | 2.5 | 23.178 | 1.637 | 1.917 | 49.5 | 2.521 | 2.4 | -3.094 | 2.308 | -36.7 | 3.860 |
| 248939.4 | 843450.6 | 96.6 | 23.236 | 17.371 | 36.8 | 29.011 | 2.5 | 23.086 | 1.632 | 1.910 | 49.5 | 2.512 | 2.4 | -3.131 | 2.340 | -36.8 | 3.908 |
| 248938.7 | 843449.9 | 96.7 | 23.090 | 17.246 | 36.8 | 28.820 | 2.6 | 22.934 | 1.625 | 1.902 | 49.5 | 2.501 | 2.4 | -3.115 | 2.309 | -36.5 | 3.878 |
| 248938.0 | 843449.2 | 96.7 | 22.938 | 17.115 | 36.7 | 28.620 | 2.6 | 22.775 | 1.617 | 1.894 | 49.5 | 2.491 | 2.4 | -3.092 | 2.270 | -36.3 | 3.836 |
| 248937.3 | 843448.5 | 96.7 | 22.692 | 16.895 | 36.7 | 28.291 | 2.7 | 22.513 | 1.608 | 1.884 | 49.5 | 2.478 | 2.5 | -2.978 | 2.124 | -35.5 | 3.657 |
| 248936.6 | 843447.8 | 96.6 | 22.422 | 16.655 | 36.6 | 27.930 | 2.9 | 22.226 | 1.599 | 1.874 | 49.5 | 2.464 | 2.5 | -2.838 | 1.947 | -34.5 | 3.442 |
| 248935.9 | 843447.1 | 96.7 | 22.319 | 16.569 | 36.6 | 27.797 | 2.9 | 22.120 | 1.593 | 1.867 | 49.5 | 2.454 | 2.5 | -2.859 | 1.961 | -34.4 | 3.468 |
| 248935.2 | 843446.3 | 96.7 | 22.272 | 16.536 | 36.6 | 27.739 | 2.9 | 22.074 | 1.587 | 1.861 | 49.5 | 2.446 | 2.5 | -2.934 | 2.039 | -34.8 | 3.573 |
| 248934.6 | 843445.6 | 96.8 | 22.195 | 16.474 | 36.6 | 27.641 | 2.9 | 21.996 | 1.582 | 1.855 | 49.5 | 2.437 | 2.5 | -2.978 | 2.081 | -34.9 | 3.633 |
| 248933.9 | 843444.9 | 96.9 | 22.121 | 16.416 | 36.6 | 27.547 | 2.9 | 21.921 | 1.576 | 1.848 | 49.5 | 2.429 | 2.5 | -3.024 | 2.126 | -35.1 | 3.697 |
| 248933.2 | 843444.2 | 96.9 | 21.996 | 16.309 | 36.6 | 27.383 | 3.0 | 21.791 | 1.569 | 1.841 | 49.5 | 2.419 | 2.6 | -3.019 | 2.110 | -34.9 | 3.684 |

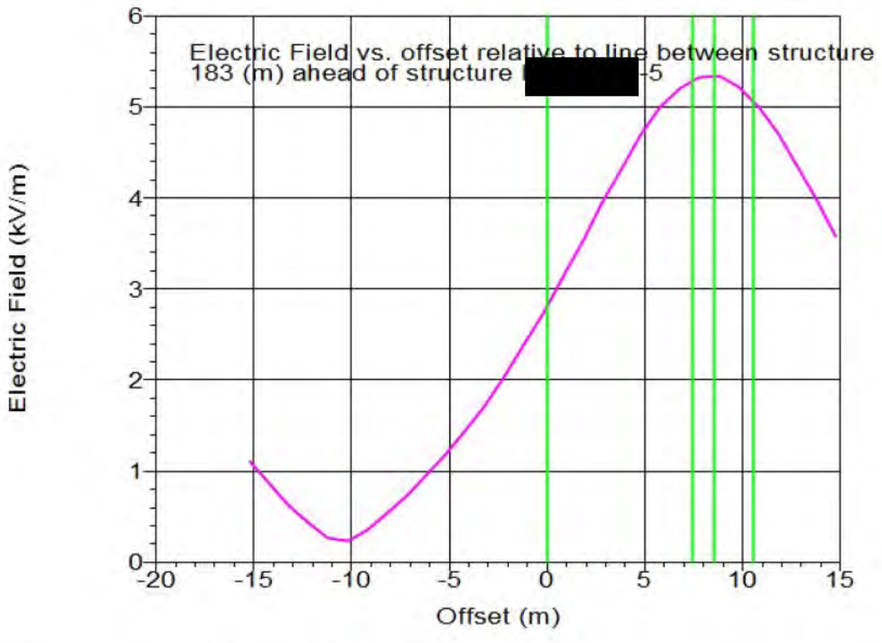
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248932.5 | 843443.5 | 97.0 | 21.867 | 16.200 | 36.5 | 27.214 | 3.0 | 21.656 | 1.563 | 1.833 | 49.6 | 2.409 | 2.6 | -3.009 | 2.089 | -34.8 | 3.663 |
| 248931.8 | 843442.7 | 97.0 | 21.738 | 16.090 | 36.5 | 27.045 | 3.1 | 21.522 | 1.556 | 1.826 | 49.6 | 2.399 | 2.6 | -2.997 | 2.066 | -34.6 | 3.640 |
| 248931.1 | 843442.0 | 97.1 | 21.609 | 15.980 | 36.5 | 26.876 | 3.1 | 21.388 | 1.549 | 1.818 | 49.6 | 2.389 | 2.6 | -2.984 | 2.040 | -34.4 | 3.615 |
| 248930.4 | 843441.3 | 97.1 | 21.499 | 15.888 | 36.5 | 26.733 | 3.2 | 21.274 | 1.543 | 1.811 | 49.6 | 2.379 | 2.6 | -2.986 | 2.035 | -34.3 | 3.614 |
| 248929.7 | 843440.6 | 97.2 | 21.429 | 15.832 | 36.5 | 26.643 | 3.2 | 21.202 | 1.537 | 1.805 | 49.6 | 2.371 | 2.6 | -3.025 | 2.073 | -34.4 | 3.667 |
| 248929.0 | 843439.9 | 97.3 | 21.400 | 15.814 | 36.5 | 26.609 | 3.2 | 21.175 | 1.533 | 1.800 | 49.6 | 2.364 | 2.6 | -3.103 | 2.158 | -34.8 | 3.780 |
| 248928.3 | 843439.2 | 97.3 | 21.284 | 15.717 | 36.4 | 26.458 | 3.2 | 21.055 | 1.526 | 1.793 | 49.6 | 2.355 | 2.6 | -3.093 | 2.140 | -34.7 | 3.761 |
| 248927.6 | 843438.4 | 97.5 | 21.274 | 15.716 | 36.5 | 26.450 | 3.2 | 21.048 | 1.523 | 1.788 | 49.6 | 2.349 | 2.6 | -3.184 | 2.242 | -35.1 | 3.894 |
| 248926.9 | 843437.7 | 97.5 | 21.213 | 15.669 | 36.5 | 26.372 | 3.3 | 20.986 | 1.518 | 1.783 | 49.6 | 2.341 | 2.6 | -3.223 | 2.281 | -35.3 | 3.948 |
| 248926.2 | 843437.0 | 97.6 | 21.124 | 15.595 | 36.4 | 26.257 | 3.3 | 20.894 | 1.512 | 1.777 | 49.6 | 2.333 | 2.6 | -3.230 | 2.285 | -35.3 | 3.957 |
| 248925.5 | 843436.3 | 97.7 | 21.066 | 15.551 | 36.4 | 26.184 | 3.3 | 20.836 | 1.508 | 1.771 | 49.6 | 2.326 | 2.6 | -3.265 | 2.322 | -35.4 | 4.007 |
| 248924.8 | 843435.6 | 97.8 | 20.962 | 15.464 | 36.4 | 26.049 | 3.3 | 20.729 | 1.503 | 1.765 | 49.6 | 2.318 | 2.6 | -3.252 | 2.303 | -35.3 | 3.985 |
| 248924.1 | 843434.8 | 97.9 | 20.943 | 15.455 | 36.4 | 26.029 | 3.3 | 20.713 | 1.499 | 1.761 | 49.6 | 2.313 | 2.6 | -3.318 | 2.378 | -35.6 | 4.082 |
| 248923.4 | 843434.1 | 98.0 | 20.897 | 15.421 | 36.4 | 25.970 | 3.3 | 20.667 | 1.496 | 1.757 | 49.6 | 2.308 | 2.6 | -3.353 | 2.417 | -35.8 | 4.133 |
| 248922.7 | 843433.4 | 98.1 | 20.837 | 15.374 | 36.4 | 25.895 | 3.4 | 20.606 | 1.492 | 1.753 | 49.6 | 2.302 | 2.6 | -3.371 | 2.437 | -35.9 | 4.159 |
| 248922.0 | 843432.7 | 98.2 | 20.829 | 15.375 | 36.4 | 25.888 | 3.3 | 20.601 | 1.490 | 1.750 | 49.6 | 2.298 | 2.5 | -3.435 | 2.512 | -36.2 | 4.255 |
| 248921.3 | 843432.0 | 98.3 | 20.841 | 15.395 | 36.5 | 25.910 | 3.3 | 20.619 | 1.489 | 1.748 | 49.6 | 2.296 | 2.5 | -3.514 | 2.606 | -36.6 | 4.375 |
| 248920.6 | 843431.3 | 98.5 | 20.853 | 15.414 | 36.5 | 25.931 | 3.3 | 20.635 | 1.488 | 1.746 | 49.6 | 2.294 | 2.5 | -3.588 | 2.693 | -36.9 | 4.486 |
| 248919.9 | 843430.5 | 98.6 | 20.883 | 15.450 | 36.5 | 25.976 | 3.3 | 20.671 | 1.488 | 1.745 | 49.6 | 2.293 | 2.5 | -3.675 | 2.796 | -37.3 | 4.618 |
| 248919.2 | 843429.8 | 98.7 | 20.809 | 15.390 | 36.5 | 25.882 | 3.3 | 20.596 | 1.485 | 1.742 | 49.6 | 2.289 | 2.5 | -3.657 | 2.774 | -37.2 | 4.590 |
| 248918.5 | 843429.1 | 98.8 | 20.726 | 15.322 | 36.5 | 25.775 | 3.3 | 20.511 | 1.482 | 1.740 | 49.6 | 2.286 | 2.5 | -3.626 | 2.737 | -37.0 | 4.543 |
| 248917.8 | 843428.4 | 98.9 | 20.643 | 15.253 | 36.5 | 25.667 | 3.4 | 20.425 | 1.480 | 1.737 | 49.6 | 2.282 | 2.4 | -3.589 | 2.693 | -36.9 | 4.487 |
| 248917.2 | 843427.7 | 98.9 | 20.551 | 15.177 | 36.4 | 25.547 | 3.4 | 20.330 | 1.478 | 1.735 | 49.6 | 2.279 | 2.4 | -3.538 | 2.632 | -36.6 | 4.410 |
| 248916.5 | 843427.0 | 99.0 | 20.454 | 15.096 | 36.4 | 25.421 | 3.4 | 20.230 | 1.476 | 1.733 | 49.6 | 2.277 | 2.4 | -3.478 | 2.560 | -36.4 | 4.318 |
| 248915.8 | 843426.2 | 99.2 | 20.513 | 15.158 | 36.5 | 25.506 | 3.4 | 20.297 | 1.479 | 1.736 | 49.6 | 2.280 | 2.4 | -3.564 | 2.661 | -36.7 | 4.448 |
| 248915.1 | 843425.5 | 99.3 | 20.450 | 15.107 | 36.5 | 25.425 | 3.4 | 20.232 | 1.478 | 1.736 | 49.6 | 2.280 | 2.4 | -3.526 | 2.614 | -36.6 | 4.390 |
| 248914.4 | 843424.8 | 99.4 | 20.394 | 15.064 | 36.5 | 25.355 | 3.4 | 20.177 | 1.479 | 1.737 | 49.6 | 2.281 | 2.4 | -3.492 | 2.571 | -36.4 | 4.336 |
| 248913.7 | 843424.1 | 99.5 | 20.330 | 15.013 | 36.4 | 25.272 | 3.4 | 20.111 | 1.479 | 1.738 | 49.6 | 2.282 | 2.4 | -3.444 | 2.510 | -36.1 | 4.261 |
| 248913.0 | 843423.4 | 99.6 | 20.261 | 14.957 | 36.4 | 25.184 | 3.5 | 20.041 | 1.479 | 1.739 | 49.6 | 2.283 | 2.5 | -3.387 | 2.438 | -35.8 | 4.173 |
| 248912.3 | 843422.6 | 99.6 | 20.192 | 14.901 | 36.4 | 25.095 | 3.5 | 19.970 | 1.480 | 1.741 | 49.6 | 2.285 | 2.5 | -3.325 | 2.360 | -35.4 | 4.078 |
| 248911.6 | 843421.9 | 99.8 | 20.281 | 14.991 | 36.5 | 25.219 | 3.4 | 20.069 | 1.485 | 1.747 | 49.6 | 2.293 | 2.5 | -3.417 | 2.463 | -35.8 | 4.212 |
| 248910.9 | 843421.2 | 100.1 | 20.377 | 15.088 | 36.5 | 25.355 | 3.4 | 20.177 | 1.490 | 1.754 | 49.7 | 2.302 | 2.5 | -3.513 | 2.570 | -36.2 | 4.353 |
| 248910.2 | 843420.5 | 100.3 | 20.474 | 15.185 | 36.6 | 25.491 | 3.3 | 20.285 | 1.495 | 1.761 | 49.7 | 2.310 | 2.5 | -3.606 | 2.673 | -36.6 | 4.488 |
| 248909.5 | 843419.8 | 100.5 | 20.570 | 15.282 | 36.6 | 25.626 | 3.2 | 20.392 | 1.500 | 1.768 | 49.7 | 2.319 | 2.5 | -3.696 | 2.772 | -36.9 | 4.620 |
| 248908.8 | 843419.1 | 100.7 | 20.661 | 15.375 | 36.7 | 25.754 | 3.2 | 20.495 | 1.506 | 1.774 | 49.7 | 2.327 | 2.5 | -3.779 | 2.863 | -37.2 | 4.741 |
| 248908.1 | 843418.3 | 100.9 | 20.735 | 15.451 | 36.7 | 25.858 | 3.1 | 20.577 | 1.510 | 1.781 | 49.7 | 2.335 | 2.5 | -3.843 | 2.931 | -37.3 | 4.833 |
| 248907.4 | 843417.6 | 101.1 | 20.807 | 15.526 | 36.7 | 25.961 | 3.1 | 20.659 | 1.514 | 1.786 | 49.7 | 2.342 | 2.6 | -3.906 | 2.997 | -37.5 | 4.924 |
| 248906.7 | 843416.9 | 101.2 | 20.752 | 15.483 | 36.7 | 25.892 | 3.1 | 20.604 | 1.515 | 1.789 | 49.7 | 2.345 | 2.6 | -3.845 | 2.916 | -37.2 | 4.826 |
| 248906.0 | 843416.2 | 101.2 | 20.626 | 15.372 | 36.7 | 25.724 | 3.1 | 20.470 | 1.515 | 1.789 | 49.8 | 2.344 | 2.6 | -3.714 | 2.750 | -36.5 | 4.621 |
| 248905.3 | 843415.5 | 101.3 | 20.572 | 15.330 | 36.7 | 25.656 | 3.2 | 20.416 | 1.515 | 1.791 | 49.8 | 2.346 | 2.7 | -3.654 | 2.669 | -36.2 | 4.525 |
| 248904.6 | 843414.7 | 101.5 | 20.649 | 15.409 | 36.7 | 25.764 | 3.1 | 20.503 | 1.519 | 1.796 | 49.8 | 2.352 | 2.7 | -3.722 | 2.742 | -36.4 | 4.623 |
| 248903.9 | 843414.0 | 101.7 | 20.724 | 15.487 | 36.8 | 25.872 | 3.1 | 20.588 | 1.522 | 1.801 | 49.8 | 2.358 | 2.7 | -3.791 | 2.815 | -36.6 | 4.722 |
| 248903.2 | 843413.3 | 101.9 | 20.800 | 15.565 | 36.8 | 25.979 | 3.0 | 20.673 | 1.526 | 1.805 | 49.8 | 2.363 | 2.7 | -3.860 | 2.889 | -36.8 | 4.822 |
| 248902.5 | 843412.6 | 102.1 | 20.803 | 15.576 | 36.8 | 25.988 | 3.0 | 20.681 | 1.527 | 1.807 | 49.8 | 2.366 | 2.7 | -3.861 | 2.881 | -36.7 | 4.817 |
| 248901.8 | 843411.9 | 102.2 | 20.800 | 15.581 | 36.8 | 25.989 | 3.0 | 20.682 | 1.528 | 1.809 | 49.8 | 2.368 | 2.7 | -3.856 | 2.868 | -36.6 | 4.806 |
| 248901.1 | 843411.2 | 102.4 | 20.797 | 15.585 | 36.8 | 25.989 | 3.0 | 20.681 | 1.529 | 1.810 | 49.8 | 2.369 | 2.7 | -3.853 | 2.856 | -36.5 | 4.796 |
| 248900.4 | 843410.4 | 102.5 | 20.791 | 15.587 | 36.9 | 25.985 | 3.0 | 20.678 | 1.529 | 1.811 | 49.8 | 2.370 | 2.8 | -3.849 | 2.843 | -36.4 | 4.785 |
| 248899.8 | 843409.7 | 102.7 | 20.835 | 15.636 | 36.9 | 26.050 | 2.9 | 20.730 | 1.530 | 1.813 | 49.8 | 2.373 | 2.8 | -3.896 | 2.890 | -36.6 | 4.851 |
| 248899.1 | 843409.0 | 102.9 | 20.948 | 15.750 | 36.9 | 26.208 | 2.9 | 20.856 | 1.534 | 1.817 | 49.8 | 2.377 | 2.8 | -4.011 | 3.021 | -37.0 | 5.021 |
| 248898.4 | 843408.3 | 103.1 | 20.970 | 15.778 | 37.0 | 26.243 | 2.9 | 20.884 | 1.534 | 1.818 | 49.8 | 2.379 | 2.8 | -4.039 | 3.047 | -37.0 | 5.060 |
| 248897.7 | 843407.6 | 103.2 | 20.935 | 15.752 | 37.0 | 26.199 | 2.9 | 20.848 | 1.533 | 1.817 | 49.8 | 2.378 | 2.8 | -4.013 | 3.008 | -36.9 | 5.015 |
| 248897.0 | 843406.8 | 103.3 | 20.855 | 15.685 | 36.9 | 26.094 | 2.9 | 20.765 | 1.531 | 1.815 | 49.9 | 2.375 | 2.8 | -3.945 | 2.919 | -36.5 | 4.907 |
| 248896.3 | 843406.1 | 103.4 | 20.733 | 15.578 | 36.9 | 25.933 | 2.9 | 20.637 | 1.528 | 1.813 | 49.9 | 2.370 | 2.9 | -3.837 | 2.782 | -35.9 | 4.739 |
| 248895.6 | 843405.4 | 103.5 | 20.611 | 15.471 | 36.9 | 25.772 | 3.0 | 20.509 | 1.524 | 1.810 | 49.9 | 2.366 | 2.9 | -3.730 | 2.645 | -35.3 | 4.572 |
| 248894.9 | 843404.7 | 103.6 | 20.602 | 15.470 | 36.9 | 25.763 | 3.0 | 20.502 | 1.524 | 1.809 | 49.9 | 2.365 | 2.9 | -3.734 | 2.642 | -35.3 | 4.574 |
| 248894.2 | 843404.0 | 103.7 | 20.549 | 15.428 | 36.9 | 25.696 | 3.0 | 20.448 | 1.522 | 1.808 | 49.9 | 2.363 | 3.0 | -3.696 | 2.590 | -35.0 | 4.513 |
| 248893.5 | 843403.3 | 103.9 | 20.571 | 15.456 | 36.9 | 25.730 | 3.0 | 20.475 | 1.522 | 1.808 | 49.9 | 2.363 | 3.0 | -3.733 | 2.627 | -35.1 | 4.565 |
| 248892.8 | 843402.5 | 104.2 | 20.702 | 15.586 | 37.0 | 25.913 | 2.9 | 20.621 | 1.525 | 1.811 | 49.9 | 2.368 | 3.0 | -3.878 | 2.794 | -35.8 | 4.780 |
| 248892.1 | 843401.8 | 104.4 | 20.845 | 15.726 | 37.0 | 26.112 | 2.8 | 20.779 | 1.529 | 1.815 | 49.9 | 2.373 | 3.0 | -4.033 | 2.973 | -36.4 | 5.010 |
| 248891.4 | 843401.1 | 104.7 | 20.961 | 15.843 | 37.1 | 26.275 | 2.8 | 20.909 | 1.532 | 1.818 | 49.9 | 2.377 | 3.0 | -4.162 | 3.121 | -36.9 | 5.202 |
| 248890.7 | 843400.4 | 104.9 | 21.013 | 15.899 | 37.1 | 26.350 | 2.7 | 20.969 | 1.533 | 1.820 | 49.9 | 2.379 | 3.0 | -4.228 | 3.193 | -37.1 | 5.298 |
| 248890.0 | 843399.7 | 105.1 | 21.156 | 15.992 | 37.1 | 26.520 | 2.7 | 21.104 | 1.545 | 1.830 | 49.8 | 2.395 | 3.0 | -4.144 | 3.147 | -37.2 | 5.204 |
| 248889.3 | 843398.9 | 105.3 | 21.285 | 16.121 | 37.1 | 26.701 | 2.6 | 21.248 | 1.549 | 1.834 | 49.8 | 2.401 | 3.0 | -4.282 | 3.306 | -37.7 | 5.410 |
| 248888.6 | 843398.2 | 105.5 | 21.306 | 16.147 | 37.2 | 26.734 | 2.6 | 21.274 | 1.550 | 1.836 | 49.8 | 2.402 | 3.0 | -4.316 | 3.339 | -37.7 | 5.457 |
| 248887.9 | 843397.5 | 105.5 | 21.076 | 15.937 | 37.1 | 26.424 | 2.7 | 21.027 | 1.543 | 1.830 | 49.9 | 2.394 | 3.1 | -4.109 | 3.084 | -36.9 | 5.138 |
| 248887.2 | 843396.8 | 105.5 | 20.849 | 15.729 | 37.0 | 26.117 | 2.8 | 20.783 | 1.537 | 1.825 | 49.9 | 2.386 | 3.1 | -3.902 | 2.827 | -35.9 | 4.818 |
| 248886.5 | 843396.1 | 105.5 | 20.621 | 15.521 | 37.0 | 25.810 | 2.9 | 20.539 | 1.531 | 1.820 | 49.9 | 2.378 | 3.2 | -3.690 | 2.564 | -34.8 | 4.493 |
| 248885.8 | 843395.4 | 105.7 | 20.692 | 15.595 | 37.0 | 25.911 | 2.9 | 20.619 | 1.534 | 1.823 | 49.9 | 2.382 | 3.2 | -3.772 | 2.655 | -35.1 | 4.613 |
| 248885.1 | 843394.6 | 106.0 | 20.871 | 15.769 | 37.1 | 26.158 | 2.8 | 20.816 | 1.540 | 1.829 | 49.9 | 2.391 | 3.2 | -3.957 | 2.871 | -36.0 | 4.889 |
| 248884.4 | 843393.9 | 106.3 | 20.994 | 15.891 | 37.1 | 26.331 | 2.7 | 20.953 | 1.544 | 1.834 | 49.9 | 2.398 | 3.2 | -4.087 | 3.021 | -36.5 | 5.082 |
| 248883.7 | 843393.2 | 106.4 | 20.999 | 15.902 | 37.1 | 26.341 | 2.7 | 20.962 | 1.545 | 1.836 | 49.9 | 2.400 | 3.2 | -4.101 | 3.031 | -36.5 | 5.099 |
| 248883.0 | 843392.5 | 106.6 | 21.018 | 15.926 | 37.2 | 26.371 | 2.7 | 20.985 | 1.547 | 1.838 | 49.9 | 2.402 | 3.3 | -4.127 | 3.057 | -36.5 | 5.136 |
| 248882.4 | 843391.8 | 106.9 | 21.151 | 16.058 | 37.2 | 26.556 | 2.6 | 21.133 | 1.552 | 1.843 | 49.9 | 2.410 | 3.3 | -4.262 | 3.214 | -37.0 | 5.338 |
| 248881.7 | 843391.0 | 107.1 | 21.270 | 16.176 | 37.3 | 26.722 | 2.6 | 21.265 | 1.557 | 1.848 | 49.9 | 2.417 | 3.3 | -4.382 | 3.353 | -37.4 | 5.518 |
| 248881.0 | 843390.3 | 107.4 | 21.406 | 16.312 | 37.3 | 26.913 | 2.5 | 21.416 | 1.562 | 1.854 | 49.9 | 2.425 | 3.3 | -4.517 | 3.512 | -37.9 | 5.721 |
| 248880.3 | 843389.6 | 107.6 | 21.465 | 16.373 | 37.3 | 26.997 | 2.4 | 21.483 | 1.565 | 1.857 | 49.9 | 2.429 | 3.3 | -4.577 | 3.581 | -38.0 | 5.811 |
| 248879.6 | 843388.9 | 107.7 | 21.416 | 16.334 | 37.3 | 26.934 | 2.5 | 21.434 | 1.565 | 1.858 | 49.9 | 2.429 | 3.3 | -4.536 | 3.530 | -37.9 | 5.748 |
| 248878.9 | 843388.2 | 108.1 | 21.701 | 16.610 | 37.4 | 27.328 | 2.3 | 21.747 | 1.575 | 1.868 | 49.9 | 2.443 | 3.3 | -4.805 | 3.853 | -38.7 | 6.160 |
| 248878.2 | 843387.5 | 108.3 | 21.836 | 16.744 | 37.5 | 27.517 | 2.2 | 21.897 | 1.581 | 1.873 | 49.8 | 2.451 | 3.2 | -4.932 | 4.006 | -39.1 | 6.355 |
| 248877.5 | 843386.7 | 108.4 | 21.747 | 16.665 | 37.5 | 27.398 | 2.3 | 21.803 | 1.580 | 1.872 | 49.8 | 2.449 | 3.3 | -4.853 | 3.912 | -38.9 | 6.233 |
| 248876.8 | 843386.0 | 108.5 | 21.615 | 16.546 | 37.4 | 27.221 | 2.3 | 21.662 | 1.577 | 1.869 | 49.8 | 2.446 | 3.3 | -4.733 | 3.768 | -38.5 | 6.050 |
| 248876.1 | 843385.3 | 108.6 | 21.452 | 16.397 | 37.4 | 27.001 | 2.4 | 21.486 | 1.574 | 1.866 | 49.9 | 2.441 | 3.3 | -4.582 | 3.588 | -38.1 | 5.819 |
| 248875.4 | 843384.6 | 108.8 | 21.444 | 16.395 | 37.4 | 26.993 | 2.4 | 21.481 | 1.575 | 1.867 | 49.9 | 2.443 | 3.3 | -4.575 | 3.583 | -38.1 | 5.811 |
| 248874.7 | 843383.9 | 109.3 | 22.008 | 16.938 | 37.6 | 27.771 | 2.1 | 22.099 | 1.595 | 1.885 | 49.8 | 2.469 | 3.2 | -5.096 | 4.218 | -39.6 | 6.615 |
| 248874.0 | 843383.2 | 109.6 | 22.257 | 17.181 | 37.7 | 28.117 | 2.0 | 22.375 | 1.605 | 1.895 | 49.7 | 2.483 | 3.2 | -5.320 | 4.494 | -40.2 | 6.964 |
| 248873.3 | 843382.4 | 109.8 | 22.261 | 17.191 | 37.7 | 28.126 | 2.0 | 22.382 | 1.606 | 1.896 | 49.7 | 2.485 | 3.2 | -5.323 | 4.504 | -40.2 | 6.972 |
| 248872.6 | 843381.7 | 110.0 | 22.263 | 17.199 | 37.7 | 28.133 | 2.0 | 22.387 | 1.608 | 1.898 | 49.7 | 2.488 | 3.2 | -5.324 | 4.513 | -40.3 | 6.979 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248871.9 | 843381.0 | 110.2 | 22.412 | 17.346 | 37.7 | 28.340 | 1.9 | 22.553 | 1.615 | 1.904 | 49.7 | 2.497 | 3.1 | -5.455 | 4.680 | -40.6 | 7.187 |
| 248871.2 | 843380.3 | 110.3 | 22.244 | 17.192 | 37.7 | 28.113 | 2.0 | 22.372 | 1.612 | 1.900 | 49.7 | 2.491 | 3.1 | -5.304 | 4.507 | -40.4 | 6.960 |
| 248870.5 | 843379.6 | 110.5 | 22.215 | 17.169 | 37.7 | 28.076 | 2.0 | 22.342 | 1.613 | 1.900 | 49.7 | 2.492 | 3.1 | -5.276 | 4.483 | -40.4 | 6.923 |
| 248869.8 | 843378.8 | 110.7 | 22.258 | 17.215 | 37.7 | 28.139 | 2.0 | 22.392 | 1.616 | 1.903 | 49.7 | 2.497 | 3.1 | -5.313 | 4.538 | -40.5 | 6.987 |
| 248869.1 | 843378.1 | 110.9 | 22.290 | 17.251 | 37.7 | 28.186 | 2.0 | 22.430 | 1.619 | 1.905 | 49.6 | 2.500 | 3.1 | -5.341 | 4.583 | -40.6 | 7.038 |
| 248868.4 | 843377.4 | 111.0 | 22.202 | 17.172 | 37.7 | 28.068 | 2.0 | 22.335 | 1.618 | 1.904 | 49.6 | 2.498 | 3.1 | -5.261 | 4.499 | -40.5 | 6.923 |
| 248867.7 | 843376.7 | 111.1 | 22.093 | 17.074 | 37.7 | 27.922 | 2.0 | 22.219 | 1.617 | 1.901 | 49.6 | 2.496 | 3.1 | -5.163 | 4.394 | -40.4 | 6.780 |
| 248867.0 | 843376.0 | 111.2 | 21.956 | 16.947 | 37.7 | 27.735 | 2.1 | 22.071 | 1.614 | 1.898 | 49.6 | 2.492 | 3.1 | -5.038 | 4.257 | -40.2 | 6.596 |
| 248866.3 | 843375.3 | 111.4 | 21.985 | 16.980 | 37.7 | 27.779 | 2.1 | 22.106 | 1.617 | 1.900 | 49.6 | 2.495 | 3.1 | -5.069 | 4.308 | -40.4 | 6.652 |
| 248865.6 | 843374.5 | 111.6 | 22.058 | 17.054 | 37.7 | 27.882 | 2.1 | 22.188 | 1.620 | 1.902 | 49.6 | 2.499 | 3.1 | -5.141 | 4.409 | -40.6 | 6.772 |
| 248865.0 | 843373.8 | 111.7 | 21.897 | 16.905 | 37.7 | 27.663 | 2.1 | 22.014 | 1.617 | 1.898 | 49.6 | 2.493 | 3.1 | -5.000 | 4.254 | -40.4 | 6.564 |
| 248864.3 | 843373.1 | 111.9 | 21.856 | 16.871 | 37.7 | 27.610 | 2.1 | 21.972 | 1.617 | 1.897 | 49.6 | 2.492 | 3.1 | -4.972 | 4.235 | -40.4 | 6.531 |
| 248863.6 | 843372.4 | 112.0 | 21.769 | 16.792 | 37.6 | 27.493 | 2.2 | 21.878 | 1.615 | 1.894 | 49.5 | 2.489 | 3.1 | -4.903 | 4.168 | -40.4 | 6.435 |
| 248862.9 | 843371.7 | 112.2 | 21.743 | 16.771 | 37.6 | 27.460 | 2.2 | 21.852 | 1.615 | 1.892 | 49.5 | 2.488 | 3.1 | -4.894 | 4.174 | -40.5 | 6.432 |
| 248862.2 | 843370.9 | 112.3 | 21.695 | 16.730 | 37.6 | 27.397 | 2.2 | 21.801 | 1.614 | 1.890 | 49.5 | 2.485 | 3.1 | -4.869 | 4.160 | -40.5 | 6.404 |
| 248861.5 | 843370.2 | 112.4 | 21.499 | 16.547 | 37.6 | 27.129 | 2.3 | 21.588 | 1.608 | 1.882 | 49.5 | 2.476 | 3.1 | -4.705 | 3.981 | -40.2 | 6.163 |
| 248860.8 | 843369.5 | 112.4 | 21.304 | 16.365 | 37.5 | 26.864 | 2.4 | 21.377 | 1.602 | 1.875 | 49.5 | 2.466 | 3.1 | -4.544 | 3.806 | -39.9 | 5.927 |
| 248860.1 | 843368.8 | 112.6 | 21.229 | 16.297 | 37.5 | 26.763 | 2.4 | 21.298 | 1.600 | 1.870 | 49.5 | 2.461 | 3.1 | -4.503 | 3.775 | -40.0 | 5.876 |
| 248859.4 | 843368.1 | 112.7 | 21.196 | 16.269 | 37.5 | 26.720 | 2.5 | 21.263 | 1.597 | 1.866 | 49.4 | 2.456 | 3.1 | -4.507 | 3.798 | -40.1 | 5.894 |
| 248858.7 | 843367.4 | 112.9 | 21.154 | 16.233 | 37.5 | 26.664 | 2.5 | 21.219 | 1.595 | 1.861 | 49.4 | 2.451 | 3.1 | -4.507 | 3.816 | -40.3 | 5.906 |
| 248858.0 | 843366.6 | 112.9 | 20.955 | 16.047 | 37.4 | 26.394 | 2.6 | 21.004 | 1.588 | 1.852 | 49.4 | 2.439 | 3.1 | -4.357 | 3.656 | -40.0 | 5.688 |
| 248857.3 | 843365.9 | 113.0 | 20.713 | 15.821 | 37.4 | 26.064 | 2.7 | 20.741 | 1.579 | 1.841 | 49.4 | 2.425 | 3.1 | -4.166 | 3.447 | -39.6 | 5.407 |
| 248856.6 | 843365.2 | 113.0 | 20.466 | 15.589 | 37.3 | 25.727 | 2.8 | 20.473 | 1.570 | 1.830 | 49.4 | 2.411 | 3.1 | -3.971 | 3.233 | -39.2 | 5.121 |
| 248855.9 | 843364.5 | 113.0 | 20.220 | 15.359 | 37.2 | 25.392 | 3.0 | 20.206 | 1.561 | 1.818 | 49.4 | 2.396 | 3.2 | -3.777 | 3.022 | -38.7 | 4.838 |
| 248855.2 | 843363.8 | 113.1 | 20.052 | 15.203 | 37.2 | 25.164 | 3.0 | 20.025 | 1.553 | 1.808 | 49.3 | 2.383 | 3.2 | -3.669 | 2.913 | -38.4 | 4.685 |
| 248854.5 | 843363.0 | 113.2 | 19.928 | 15.088 | 37.1 | 24.995 | 3.1 | 19.890 | 1.546 | 1.798 | 49.3 | 2.371 | 3.1 | -3.610 | 2.862 | -38.4 | 4.607 |
| 248853.8 | 843362.3 | 113.2 | 19.764 | 14.936 | 37.1 | 24.773 | 3.2 | 19.713 | 1.538 | 1.787 | 49.3 | 2.357 | 3.1 | -3.514 | 2.766 | -38.2 | 4.472 |
| 248853.1 | 843361.6 | 113.3 | 19.560 | 14.746 | 37.0 | 24.496 | 3.3 | 19.493 | 1.529 | 1.774 | 49.3 | 2.342 | 3.2 | -3.377 | 2.622 | -37.8 | 4.276 |
| 248852.4 | 843360.9 | 113.3 | 19.341 | 14.542 | 36.9 | 24.198 | 3.4 | 19.256 | 1.519 | 1.762 | 49.2 | 2.326 | 3.2 | -3.226 | 2.460 | -37.3 | 4.057 |
| 248851.7 | 843360.2 | 113.3 | 19.166 | 14.379 | 36.9 | 23.960 | 3.5 | 19.067 | 1.509 | 1.749 | 49.2 | 2.310 | 3.2 | -3.126 | 2.358 | -37.0 | 3.916 |
| 248851.0 | 843359.5 | 113.4 | 18.998 | 14.223 | 36.8 | 23.732 | 3.6 | 18.886 | 1.500 | 1.737 | 49.2 | 2.295 | 3.2 | -3.038 | 2.269 | -36.8 | 3.791 |
| 248850.3 | 843358.7 | 113.5 | 18.837 | 14.073 | 36.8 | 23.514 | 3.7 | 18.712 | 1.490 | 1.724 | 49.2 | 2.279 | 3.2 | -2.959 | 2.190 | -36.5 | 3.682 |
| 248849.6 | 843358.0 | 113.5 | 18.696 | 13.942 | 36.7 | 23.322 | 3.8 | 18.559 | 1.481 | 1.712 | 49.1 | 2.263 | 3.2 | -2.906 | 2.141 | -36.4 | 3.609 |
| 248848.9 | 843357.3 | 113.6 | 18.555 | 13.811 | 36.7 | 23.131 | 3.9 | 18.407 | 1.471 | 1.699 | 49.1 | 2.247 | 3.1 | -2.856 | 2.093 | -36.2 | 3.540 |
| 248848.2 | 843356.6 | 113.7 | 18.393 | 13.660 | 36.6 | 22.910 | 4.0 | 18.232 | 1.461 | 1.686 | 49.1 | 2.231 | 3.1 | -2.782 | 2.017 | -35.9 | 3.437 |
| 248847.6 | 843355.9 | 113.7 | 18.235 | 13.513 | 36.5 | 22.696 | 4.1 | 18.061 | 1.451 | 1.672 | 49.1 | 2.214 | 3.1 | -2.716 | 1.948 | -35.6 | 3.342 |
| 248846.9 | 843355.1 | 113.7 | 18.065 | 13.355 | 36.5 | 22.466 | 4.2 | 17.878 | 1.440 | 1.659 | 49.0 | 2.197 | 3.2 | -2.637 | 1.862 | -35.2 | 3.228 |
| 248846.2 | 843354.4 | 113.8 | 17.873 | 13.177 | 36.4 | 22.206 | 4.4 | 17.671 | 1.429 | 1.645 | 49.0 | 2.179 | 3.2 | -2.531 | 1.744 | -34.6 | 3.074 |
| 248845.5 | 843353.7 | 113.8 | 17.688 | 13.006 | 36.3 | 21.955 | 4.5 | 17.471 | 1.418 | 1.632 | 49.0 | 2.161 | 3.2 | -2.433 | 1.634 | -33.9 | 2.931 |
| 248844.8 | 843353.0 | 113.8 | 17.518 | 12.849 | 36.3 | 21.725 | 4.6 | 17.289 | 1.407 | 1.618 | 49.0 | 2.145 | 3.2 | -2.353 | 1.543 | -33.2 | 2.814 |
| 248844.1 | 843352.3 | 113.9 | 17.432 | 12.769 | 36.2 | 21.609 | 4.7 | 17.196 | 1.398 | 1.607 | 49.0 | 2.130 | 3.2 | -2.374 | 1.568 | -33.4 | 2.845 |
| 248843.4 | 843351.6 | 113.9 | 17.291 | 12.640 | 36.2 | 21.419 | 4.8 | 17.044 | 1.388 | 1.594 | 49.0 | 2.114 | 3.2 | -2.327 | 1.512 | -33.0 | 2.775 |
| 248842.7 | 843350.8 | 113.9 | 17.113 | 12.477 | 36.1 | 21.179 | 4.9 | 16.853 | 1.377 | 1.582 | 49.0 | 2.098 | 3.2 | -2.232 | 1.398 | -32.1 | 2.633 |
| 248842.0 | 843350.1 | 113.9 | 16.970 | 12.346 | 36.0 | 20.986 | 5.0 | 16.700 | 1.368 | 1.571 | 49.0 | 2.083 | 3.2 | -2.176 | 1.330 | -31.4 | 2.550 |
| 248841.3 | 843349.4 | 114.0 | 16.899 | 12.282 | 36.0 | 20.890 | 5.1 | 16.624 | 1.360 | 1.562 | 49.0 | 2.071 | 3.2 | -2.207 | 1.361 | -31.7 | 2.593 |
| 248840.6 | 843348.7 | 114.1 | 16.802 | 12.195 | 36.0 | 20.761 | 5.1 | 16.521 | 1.352 | 1.552 | 49.0 | 2.058 | 3.2 | -2.203 | 1.349 | -31.5 | 2.583 |
| 248839.9 | 843348.0 | 114.1 | 16.703 | 12.107 | 35.9 | 20.630 | 5.2 | 16.416 | 1.344 | 1.544 | 49.0 | 2.047 | 3.2 | -2.192 | 1.328 | -31.2 | 2.563 |
| 248839.2 | 843347.2 | 114.3 | 16.735 | 12.137 | 36.0 | 20.673 | 5.2 | 16.451 | 1.339 | 1.538 | 49.0 | 2.039 | 3.2 | -2.340 | 1.489 | -32.5 | 2.773 |
| 248838.5 | 843346.5 | 114.3 | 16.626 | 12.042 | 35.9 | 20.529 | 5.3 | 16.337 | 1.332 | 1.532 | 49.0 | 2.030 | 3.2 | -2.306 | 1.439 | -32.0 | 2.719 |
| 248837.8 | 843345.8 | 114.3 | 16.514 | 11.944 | 35.9 | 20.381 | 5.3 | 16.218 | 1.326 | 1.526 | 49.0 | 2.022 | 3.2 | -2.262 | 1.376 | -31.3 | 2.648 |

Max EF along centerline is 2.813 (kV/m) at 183.000 (m) from structure [redacted]-5

Cross section results at max EF along centerline between structures [redacted]-5 and [redacted]-6




3D EMF Point Results Span from [redacted]-5 to [redacted]-6:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248998.4 | 843489.6 | 94.7 | 27.871 | 14.091 | 26.8 | 31.231 | 5.9 | 24.853 | 1.064 | 0.333 | 17.4 | 1.115 | 4.0 | 0.361 | 0.084 | 13.1 | 0.371 |
| 248997.6 | 843490.3 | 94.5 | 27.068 | 14.116 | 27.5 | 30.527 | 5.8 | 24.293 | 0.822 | 0.243 | 16.5 | 0.857 | 5.7 | 0.182 | 0.183 | 45.2 | 0.258 |
| 248996.9 | 843491.0 | 94.2 | 26.294 | 14.119 | 28.2 | 29.845 | 5.5 | 23.750 | 0.601 | 0.149 | 14.0 | 0.620 | 8.2 | -0.019 | 0.282 | -86.1 | 0.283 |
| 248996.2 | 843491.7 | 94.2 | 25.990 | 14.359 | 28.9 | 29.693 | 5.4 | 23.629 | 0.416 | 0.090 | 12.2 | 0.425 | 17.1 | -0.041 | 0.339 | -83.1 | 0.342 |
| 248995.5 | 843492.4 | 94.1 | 25.676 | 14.576 | 29.6 | 29.524 | 5.1 | 23.495 | 0.248 | 0.112 | 24.4 | 0.272 | 43.8 | -0.134 | 0.416 | -72.1 | 0.437 |
| 248994.8 | 843493.1 | 94.0 | 25.518 | 14.874 | 30.2 | 29.537 | 4.9 | 23.505 | 0.134 | 0.203 | 56.6 | 0.243 | 65.4 | -0.233 | 0.504 | -65.2 | 0.556 |
| 248994.1 | 843493.8 | 93.9 | 25.437 | 15.211 | 30.9 | 29.638 | 4.5 | 23.585 | 0.170 | 0.313 | 61.5 | 0.356 | 22.8 | -0.353 | 0.601 | -59.6 | 0.697 |
| 248993.3 | 843494.5 | 93.8 | 25.464 | 15.614 | 31.5 | 29.870 | 4.1 | 23.769 | 0.303 | 0.436 | 55.2 | 0.531 | 10.6 | -0.488 | 0.712 | -55.6 | 0.863 |
| 248992.6 | 843495.2 | 93.6 | 25.583 | 16.078 | 32.1 | 30.216 | 3.7 | 24.045 | 0.454 | 0.573 | 51.6 | 0.731 | 6.1 | -0.638 | 0.835 | -52.6 | 1.050 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248991.9 | 843495.9 | 93.5 | 25.701 | 16.541 | 32.8 | 30.564 | 3.1 | 24.322 | 0.612 | 0.724 | 49.8 | 0.948 | 4.0 | -0.763 | 0.925 | -50.5 | 1.199 |
| 248991.2 | 843496.6 | 93.3 | 25.885 | 17.055 | 33.4 | 30.998 | 2.5 | 24.667 | 0.780 | 0.893 | 48.9 | 1.186 | 2.9 | -0.878 | 1.006 | -48.9 | 1.335 |
| 248990.5 | 843497.3 | 93.1 | 26.156 | 17.643 | 34.0 | 31.550 | 1.8 | 25.107 | 0.958 | 1.081 | 48.5 | 1.445 | 2.3 | -1.003 | 1.101 | -47.7 | 1.489 |
| 248989.7 | 843498.0 | 93.0 | 26.560 | 18.349 | 34.6 | 32.282 | 1.2 | 25.689 | 1.147 | 1.292 | 48.4 | 1.728 | 1.9 | -1.180 | 1.258 | -46.8 | 1.725 |
| 248989.0 | 843498.7 | 92.9 | 27.045 | 19.140 | 35.3 | 33.132 | 0.4 | 26.366 | 1.350 | 1.526 | 48.5 | 2.037 | 1.6 | -1.394 | 1.457 | -46.3 | 2.016 |
| 248988.3 | 843499.4 | 92.9 | 27.570 | 19.984 | 35.9 | 34.051 | 0.4 | 27.097 | 1.566 | 1.784 | 48.7 | 2.374 | 1.5 | -1.623 | 1.678 | -46.0 | 2.334 |
| 248987.6 | 843500.1 | 92.8 | 28.110 | 20.864 | 36.6 | 35.007 | 1.3 | 27.858 | 1.794 | 2.067 | 49.0 | 2.737 | 1.4 | -1.858 | 1.911 | -45.8 | 2.665 |
| 248986.9 | 843500.7 | 92.8 | 28.775 | 21.883 | 37.3 | 36.151 | 2.2 | 28.768 | 2.035 | 2.372 | 49.4 | 3.125 | 1.3 | -2.206 | 2.279 | -45.9 | 3.172 |
| 248986.2 | 843501.4 | 92.8 | 29.424 | 22.915 | 37.9 | 37.294 | 3.3 | 29.678 | 2.284 | 2.693 | 49.7 | 3.531 | 1.3 | -2.569 | 2.670 | -46.1 | 3.705 |
| 248985.4 | 843502.1 | 92.7 | 29.907 | 23.809 | 38.5 | 38.227 | 4.5 | 30.420 | 2.532 | 3.017 | 50.0 | 3.939 | 1.4 | -2.830 | 2.942 | -46.1 | 4.082 |
| 248984.7 | 843502.8 | 92.7 | 30.265 | 24.595 | 39.1 | 38.999 | 5.8 | 31.034 | 2.772 | 3.331 | 50.2 | 4.334 | 1.4 | -3.045 | 3.155 | -46.0 | 4.385 |
| 248984.0 | 843503.5 | 92.6 | 30.483 | 25.248 | 39.6 | 39.581 | 7.3 | 31.497 | 2.995 | 3.616 | 50.4 | 4.695 | 1.5 | -3.223 | 3.313 | -45.8 | 4.622 |
| 248983.3 | 843504.2 | 92.5 | 30.393 | 25.579 | 40.1 | 39.724 | 8.8 | 31.611 | 3.184 | 3.846 | 50.4 | 4.993 | 1.6 | -3.227 | 3.248 | -45.2 | 4.579 |
| 248982.6 | 843504.9 | 92.4 | 30.115 | 25.702 | 40.5 | 39.592 | 10.5 | 31.506 | 3.332 | 4.006 | 50.3 | 5.211 | 1.7 | -3.189 | 3.112 | -44.3 | 4.456 |
| 248981.8 | 843505.6 | 92.4 | 29.667 | 25.626 | 40.8 | 39.202 | 12.2 | 31.196 | 3.429 | 4.080 | 50.0 | 5.329 | 1.8 | -3.138 | 2.943 | -43.2 | 4.302 |
| 248981.1 | 843506.3 | 92.4 | 29.221 | 25.538 | 41.2 | 38.808 | 13.9 | 30.883 | 3.472 | 4.063 | 49.5 | 5.344 | 2.1 | -3.262 | 2.959 | -42.2 | 4.404 |
| 248980.4 | 843507.0 | 92.2 | 27.995 | 24.534 | 41.2 | 37.225 | 15.8 | 29.622 | 3.444 | 3.927 | 48.8 | 5.224 | 2.1 | -2.713 | 2.182 | -38.8 | 3.481 |
| 248979.7 | 843507.7 | 92.1 | 26.637 | 23.339 | 41.2 | 35.415 | 17.6 | 28.182 | 3.362 | 3.707 | 47.8 | 5.005 | 2.1 | -2.123 | 1.382 | -33.1 | 2.533 |
| 248979.0 | 843508.4 | 92.0 | 25.474 | 22.333 | 41.2 | 33.877 | 19.3 | 26.959 | 3.238 | 3.425 | 46.6 | 4.713 | 2.1 | -1.865 | 0.969 | -27.5 | 2.101 |
| 248978.3 | 843509.1 | 92.0 | 24.365 | 21.355 | 41.2 | 32.399 | 21.1 | 25.782 | 3.076 | 3.095 | 45.2 | 4.364 | 2.3 | -1.764 | 0.732 | -22.5 | 1.910 |
| 248977.5 | 843509.8 | 91.9 | 22.993 | 20.034 | 41.1 | 30.496 | 22.8 | 24.268 | 2.885 | 2.734 | 43.5 | 3.974 | 2.3 | -1.379 | 0.234 | -9.6 | 1.399 |
| 248976.8 | 843510.5 | 91.8 | 21.680 | 18.753 | 40.9 | 28.666 | 24.4 | 22.811 | 2.677 | 2.367 | 41.5 | 3.574 | 2.2 | -1.083 | -0.140 | 7.4 | 1.092 |

Centerline results between structures [redacted]-6 and [redacted]-7

**3D EMF Point Results Centerline from [redacted]-6 to [redacted]-7:**

| -------Measurement------- | | | -------------------------B-------------------------- | | | | | H | ------------------------EF------------------------- | | | | | ----------Space Potential---------- | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Y | Z | Real | Imaginary | Angle | Magnitude | Polarization | Magnitude | Real | Imaginary | Angle | Magnitude | Polarization | Real | Imaginary | Angle | Magnitude |
| (m) | (m) | (m) | (uT) | (uT) | (deg) | (uT) | Axial Ratio % | (A/m) | (kV/m) | (kV/m) | (deg) | (kV/m) | Axial Ratio % | (kV) | (kV) | (deg) | (kV) |
| 248838.1 | 843346.1 | 114.3 | 16.558 | 11.982 | 35.9 | 20.438 | 5.3 | 16.264 | 1.329 | 1.528 | 49.0 | 2.025 | 3.2 | -2.275 | 1.396 | -31.5 | 2.669 |
| 248837.4 | 843345.4 | 114.3 | 16.461 | 11.899 | 35.9 | 20.311 | 5.4 | 16.163 | 1.323 | 1.523 | 49.0 | 2.018 | 3.2 | -2.248 | 1.352 | -31.0 | 2.623 |
| 248836.7 | 843344.7 | 114.3 | 16.373 | 11.825 | 35.8 | 20.197 | 5.4 | 16.072 | 1.318 | 1.520 | 49.1 | 2.012 | 3.2 | -2.226 | 1.311 | -30.5 | 2.583 |
| 248836.0 | 843344.0 | 114.3 | 16.294 | 11.759 | 35.8 | 20.094 | 5.4 | 15.990 | 1.314 | 1.517 | 49.1 | 2.007 | 3.2 | -2.208 | 1.276 | -30.0 | 2.550 |
| 248835.3 | 843343.3 | 114.3 | 16.210 | 11.691 | 35.8 | 19.986 | 5.5 | 15.904 | 1.310 | 1.515 | 49.1 | 2.003 | 3.2 | -2.179 | 1.225 | -29.3 | 2.499 |
| 248834.6 | 843342.5 | 114.3 | 16.151 | 11.645 | 35.8 | 19.912 | 5.5 | 15.845 | 1.307 | 1.514 | 49.2 | 2.000 | 3.2 | -2.174 | 1.202 | -28.9 | 2.485 |
| 248833.9 | 843341.8 | 114.3 | 16.115 | 11.620 | 35.8 | 19.868 | 5.5 | 15.810 | 1.305 | 1.514 | 49.2 | 1.998 | 3.2 | -2.192 | 1.204 | -28.8 | 2.501 |
| 248833.2 | 843341.1 | 114.4 | 16.086 | 11.602 | 35.8 | 19.833 | 5.4 | 15.783 | 1.303 | 1.514 | 49.3 | 1.998 | 3.2 | -2.212 | 1.208 | -28.6 | 2.521 |
| 248832.5 | 843340.4 | 114.4 | 16.076 | 11.601 | 35.8 | 19.825 | 5.4 | 15.776 | 1.302 | 1.516 | 49.3 | 1.998 | 3.2 | -2.250 | 1.232 | -28.7 | 2.565 |
| 248831.9 | 843339.7 | 114.5 | 16.138 | 11.666 | 35.9 | 19.913 | 5.4 | 15.847 | 1.303 | 1.519 | 49.4 | 2.001 | 3.2 | -2.371 | 1.353 | -29.7 | 2.730 |
| 248831.2 | 843338.9 | 114.6 | 16.207 | 11.737 | 35.9 | 20.011 | 5.3 | 15.924 | 1.304 | 1.522 | 49.4 | 2.005 | 3.2 | -2.492 | 1.474 | -30.6 | 2.895 |
| 248830.5 | 843338.2 | 114.7 | 16.282 | 11.814 | 36.0 | 20.117 | 5.2 | 16.008 | 1.306 | 1.527 | 49.5 | 2.009 | 3.2 | -2.614 | 1.594 | -31.4 | 3.061 |
| 248829.8 | 843337.5 | 114.9 | 16.363 | 11.896 | 36.0 | 20.231 | 5.2 | 16.099 | 1.308 | 1.531 | 49.5 | 2.014 | 3.2 | -2.734 | 1.712 | -32.1 | 3.226 |
| 248829.1 | 843336.8 | 114.9 | 16.430 | 11.965 | 36.1 | 20.325 | 5.1 | 16.174 | 1.310 | 1.536 | 49.5 | 2.019 | 3.2 | -2.830 | 1.801 | -32.5 | 3.355 |
| 248828.4 | 843336.1 | 115.0 | 16.485 | 12.024 | 36.1 | 20.404 | 5.1 | 16.237 | 1.312 | 1.541 | 49.6 | 2.024 | 3.2 | -2.905 | 1.865 | -32.7 | 3.452 |
| 248827.7 | 843335.4 | 115.1 | 16.538 | 12.080 | 36.1 | 20.480 | 5.0 | 16.298 | 1.315 | 1.547 | 49.6 | 2.030 | 3.2 | -2.971 | 1.917 | -32.8 | 3.535 |
| 248827.0 | 843334.6 | 115.2 | 16.595 | 12.140 | 36.2 | 20.562 | 4.9 | 16.362 | 1.317 | 1.553 | 49.7 | 2.036 | 3.2 | -3.033 | 1.964 | -32.9 | 3.614 |
| 248826.3 | 843333.9 | 115.2 | 16.655 | 12.203 | 36.2 | 20.647 | 4.9 | 16.430 | 1.320 | 1.559 | 49.7 | 2.043 | 3.2 | -3.092 | 2.006 | -33.0 | 3.686 |
| 248825.6 | 843333.2 | 115.3 | 16.684 | 12.236 | 36.3 | 20.690 | 4.9 | 16.465 | 1.323 | 1.565 | 49.8 | 2.049 | 3.2 | -3.108 | 1.997 | -32.7 | 3.694 |
| 248824.9 | 843332.5 | 115.3 | 16.744 | 12.298 | 36.3 | 20.774 | 4.8 | 16.532 | 1.327 | 1.572 | 49.8 | 2.057 | 3.2 | -3.151 | 2.018 | -32.6 | 3.742 |
| 248824.2 | 843331.8 | 115.4 | 16.770 | 12.329 | 36.3 | 20.814 | 4.8 | 16.563 | 1.330 | 1.580 | 49.9 | 2.065 | 3.2 | -3.149 | 1.984 | -32.2 | 3.722 |
| 248823.5 | 843331.1 | 115.4 | 16.769 | 12.334 | 36.3 | 20.816 | 4.8 | 16.565 | 1.333 | 1.587 | 50.0 | 2.073 | 3.2 | -3.108 | 1.902 | -31.5 | 3.644 |
| 248822.8 | 843330.3 | 115.4 | 16.801 | 12.369 | 36.4 | 20.863 | 4.8 | 16.602 | 1.338 | 1.596 | 50.0 | 2.082 | 3.3 | -3.096 | 1.853 | -30.9 | 3.608 |
| 248822.1 | 843329.6 | 115.5 | 16.849 | 12.419 | 36.4 | 20.932 | 4.7 | 16.657 | 1.343 | 1.606 | 50.1 | 2.094 | 3.3 | -3.094 | 1.815 | -30.4 | 3.587 |
| 248821.4 | 843328.9 | 115.5 | 16.883 | 12.455 | 36.4 | 20.980 | 4.7 | 16.695 | 1.349 | 1.617 | 50.2 | 2.106 | 3.3 | -3.066 | 1.745 | -29.6 | 3.528 |
| 248820.7 | 843328.2 | 115.6 | 17.045 | 12.608 | 36.5 | 21.201 | 4.6 | 16.872 | 1.359 | 1.632 | 50.2 | 2.124 | 3.4 | -3.170 | 1.833 | -30.0 | 3.662 |
| 248820.0 | 843327.5 | 116.0 | 17.406 | 12.944 | 36.6 | 21.691 | 4.4 | 17.262 | 1.375 | 1.654 | 50.3 | 2.150 | 3.4 | -3.478 | 2.167 | -31.9 | 4.098 |
| 248819.3 | 843326.7 | 116.3 | 17.793 | 13.305 | 36.8 | 22.217 | 4.2 | 17.680 | 1.392 | 1.677 | 50.3 | 2.180 | 3.5 | -3.795 | 2.514 | -33.5 | 4.552 |
| 248818.6 | 843326.0 | 116.6 | 18.150 | 13.639 | 36.9 | 22.704 | 4.1 | 18.067 | 1.410 | 1.700 | 50.3 | 2.209 | 3.5 | -4.065 | 2.806 | -34.6 | 4.939 |
| 248817.9 | 843325.3 | 116.7 | 18.349 | 13.827 | 37.0 | 22.976 | 4.0 | 18.284 | 1.423 | 1.720 | 50.4 | 2.232 | 3.5 | -4.163 | 2.889 | -34.8 | 5.068 |
| 248817.2 | 843324.6 | 116.8 | 18.516 | 13.985 | 37.1 | 23.204 | 3.9 | 18.465 | 1.435 | 1.738 | 50.5 | 2.254 | 3.6 | -4.221 | 2.924 | -34.7 | 5.135 |
| 248816.5 | 843323.9 | 117.1 | 18.822 | 14.273 | 37.2 | 23.622 | 3.7 | 18.798 | 1.452 | 1.761 | 50.5 | 2.283 | 3.6 | -4.410 | 3.121 | -35.3 | 5.402 |
| 248815.8 | 843323.2 | 117.2 | 18.961 | 14.406 | 37.2 | 23.813 | 3.7 | 18.950 | 1.464 | 1.780 | 50.6 | 2.305 | 3.6 | -4.428 | 3.109 | -35.1 | 5.410 |
| 248815.1 | 843322.4 | 117.4 | 19.226 | 14.656 | 37.3 | 24.175 | 3.5 | 19.238 | 1.480 | 1.801 | 50.6 | 2.331 | 3.6 | -4.562 | 3.244 | -35.4 | 5.598 |
| 248814.5 | 843321.7 | 117.6 | 19.513 | 14.927 | 37.4 | 24.568 | 3.4 | 19.551 | 1.496 | 1.823 | 50.6 | 2.359 | 3.6 | -4.713 | 3.402 | -35.8 | 5.812 |
| 248813.8 | 843321.0 | 117.7 | 19.755 | 15.156 | 37.5 | 24.899 | 3.3 | 19.814 | 1.511 | 1.843 | 50.6 | 2.383 | 3.6 | -4.816 | 3.504 | -36.0 | 5.956 |
| 248813.1 | 843320.3 | 117.9 | 20.024 | 15.410 | 37.6 | 25.267 | 3.1 | 20.107 | 1.527 | 1.863 | 50.7 | 2.408 | 3.6 | -4.941 | 3.637 | -36.4 | 6.136 |
| 248812.4 | 843319.6 | 118.1 | 20.310 | 15.680 | 37.7 | 25.658 | 3.0 | 20.418 | 1.542 | 1.882 | 50.7 | 2.433 | 3.5 | -5.080 | 3.792 | -36.7 | 6.339 |
| 248811.7 | 843318.8 | 118.3 | 20.547 | 15.905 | 37.7 | 25.984 | 2.9 | 20.677 | 1.556 | 1.899 | 50.7 | 2.455 | 3.5 | -5.173 | 3.894 | -37.0 | 6.475 |
| 248811.0 | 843318.1 | 118.4 | 20.783 | 16.129 | 37.8 | 26.307 | 2.8 | 20.934 | 1.569 | 1.915 | 50.7 | 2.475 | 3.4 | -5.265 | 3.999 | -37.2 | 6.612 |
| 248810.3 | 843317.4 | 118.5 | 20.924 | 16.263 | 37.9 | 26.501 | 2.7 | 21.089 | 1.579 | 1.927 | 50.7 | 2.491 | 3.4 | -5.273 | 4.004 | -37.2 | 6.621 |
| 248809.6 | 843316.7 | 118.6 | 21.002 | 16.338 | 37.9 | 26.608 | 2.7 | 21.174 | 1.586 | 1.936 | 50.7 | 2.503 | 3.4 | -5.228 | 3.946 | -37.0 | 6.550 |
| 248808.9 | 843316.0 | 118.6 | 21.032 | 16.367 | 37.9 | 26.650 | 2.7 | 21.208 | 1.592 | 1.943 | 50.7 | 2.512 | 3.3 | -5.143 | 3.843 | -36.8 | 6.420 |
| 248808.2 | 843315.3 | 118.6 | 21.001 | 16.337 | 37.9 | 26.607 | 2.7 | 21.173 | 1.595 | 1.948 | 50.7 | 2.517 | 3.3 | -5.007 | 3.680 | -36.3 | 6.213 |
| 248807.5 | 843314.5 | 118.5 | 20.972 | 16.311 | 37.9 | 26.568 | 2.7 | 21.142 | 1.598 | 1.951 | 50.7 | 2.522 | 3.3 | -4.877 | 3.530 | -35.9 | 6.021 |
| 248806.8 | 843313.8 | 118.5 | 20.883 | 16.226 | 37.8 | 26.446 | 2.8 | 21.045 | 1.599 | 1.953 | 50.7 | 2.524 | 3.3 | -4.697 | 3.321 | -35.3 | 5.752 |
| 248806.1 | 843313.1 | 118.4 | 20.727 | 16.079 | 37.8 | 26.233 | 2.9 | 20.876 | 1.598 | 1.952 | 50.7 | 2.523 | 3.2 | -4.458 | 3.044 | -34.3 | 5.399 |
| 248805.4 | 843312.4 | 118.3 | 20.545 | 15.908 | 37.8 | 25.984 | 3.0 | 20.678 | 1.596 | 1.950 | 50.7 | 2.520 | 3.2 | -4.198 | 2.745 | -33.2 | 5.016 |
| 248804.7 | 843311.7 | 118.2 | 20.356 | 15.730 | 37.7 | 25.726 | 3.1 | 20.472 | 1.594 | 1.948 | 50.7 | 2.517 | 3.2 | -3.935 | 2.445 | -31.9 | 4.633 |
| 248804.0 | 843310.9 | 118.2 | 20.344 | 15.718 | 37.7 | 25.709 | 3.1 | 20.459 | 1.595 | 1.947 | 50.7 | 2.517 | 3.2 | -3.849 | 2.372 | -31.6 | 4.521 |
| 248803.3 | 843310.2 | 118.2 | 20.343 | 15.717 | 37.7 | 25.708 | 3.1 | 20.458 | 1.596 | 1.945 | 50.6 | 2.516 | 3.1 | -3.781 | 2.325 | -31.6 | 4.439 |
| 248802.6 | 843309.5 | 118.2 | 20.360 | 15.733 | 37.7 | 25.730 | 3.1 | 20.476 | 1.597 | 1.943 | 50.6 | 2.515 | 3.1 | -3.737 | 2.312 | -31.7 | 4.394 |
| 248801.9 | 843308.8 | 118.2 | 20.309 | 15.684 | 37.7 | 25.660 | 3.1 | 20.420 | 1.596 | 1.940 | 50.6 | 2.512 | 3.0 | -3.634 | 2.227 | -31.5 | 4.262 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248801.2 | 843308.1 | 118.1 | 20.191 | 15.572 | 37.6 | 25.498 | 3.2 | 20.291 | 1.593 | 1.935 | 50.5 | 2.506 | 3.0 | -3.470 | 2.069 | -30.8 | 4.040 |
| 248800.5 | 843307.4 | 118.1 | 20.214 | 15.593 | 37.6 | 25.530 | 3.2 | 20.316 | 1.593 | 1.931 | 50.5 | 2.504 | 2.9 | -3.454 | 2.097 | -31.3 | 4.041 |
| 248799.8 | 843306.6 | 118.2 | 20.241 | 15.617 | 37.7 | 25.565 | 3.2 | 20.344 | 1.593 | 1.927 | 50.4 | 2.500 | 2.9 | -3.447 | 2.138 | -31.8 | 4.056 |
| 248799.1 | 843305.9 | 118.2 | 20.213 | 15.590 | 37.6 | 25.526 | 3.2 | 20.313 | 1.591 | 1.922 | 50.4 | 2.495 | 2.8 | -3.393 | 2.122 | -32.0 | 4.002 |
| 248798.4 | 843305.2 | 118.1 | 20.056 | 15.442 | 37.6 | 25.312 | 3.3 | 20.143 | 1.587 | 1.915 | 50.4 | 2.487 | 2.8 | -3.217 | 1.956 | -31.3 | 3.765 |
| 248797.7 | 843304.5 | 118.0 | 19.947 | 15.339 | 37.6 | 25.163 | 3.4 | 20.024 | 1.583 | 1.908 | 50.3 | 2.479 | 2.7 | -3.094 | 1.856 | -31.0 | 3.608 |
| 248797.1 | 843303.8 | 118.0 | 19.904 | 15.297 | 37.5 | 25.103 | 3.4 | 19.976 | 1.580 | 1.902 | 50.3 | 2.472 | 2.7 | -3.042 | 1.846 | -31.2 | 3.559 |
| 248796.4 | 843303.0 | 118.0 | 19.909 | 15.300 | 37.5 | 25.109 | 3.4 | 19.981 | 1.577 | 1.896 | 50.2 | 2.466 | 2.6 | -3.046 | 1.903 | -32.0 | 3.592 |
| 248795.7 | 843302.3 | 118.1 | 19.988 | 15.372 | 37.6 | 25.215 | 3.4 | 20.066 | 1.576 | 1.890 | 50.2 | 2.461 | 2.5 | -3.131 | 2.058 | -33.3 | 3.747 |
| 248795.0 | 843301.6 | 118.2 | 20.206 | 15.574 | 37.6 | 25.512 | 3.3 | 20.301 | 1.577 | 1.887 | 50.1 | 2.459 | 2.3 | -3.359 | 2.387 | -35.4 | 4.121 |
| 248794.3 | 843300.9 | 118.1 | 19.989 | 15.370 | 37.6 | 25.215 | 3.4 | 20.065 | 1.570 | 1.877 | 50.1 | 2.447 | 2.3 | -3.159 | 2.193 | -34.8 | 3.845 |
| 248793.6 | 843300.2 | 117.9 | 19.640 | 15.042 | 37.4 | 24.739 | 3.6 | 19.687 | 1.560 | 1.865 | 50.1 | 2.431 | 2.3 | -2.826 | 1.839 | -33.0 | 3.372 |
| 248792.9 | 843299.5 | 117.9 | 19.729 | 15.123 | 37.5 | 24.859 | 3.5 | 19.782 | 1.557 | 1.858 | 50.0 | 2.425 | 2.2 | -2.945 | 2.031 | -34.6 | 3.577 |
| 248792.2 | 843298.7 | 117.9 | 19.664 | 15.060 | 37.4 | 24.769 | 3.6 | 19.710 | 1.552 | 1.850 | 50.0 | 2.415 | 2.1 | -2.910 | 2.037 | -35.0 | 3.552 |
| 248791.5 | 843298.0 | 117.8 | 19.518 | 14.922 | 37.4 | 24.568 | 3.7 | 19.551 | 1.545 | 1.840 | 50.0 | 2.403 | 2.1 | -2.797 | 1.947 | -34.8 | 3.408 |
| 248790.8 | 843297.3 | 117.8 | 19.372 | 14.784 | 37.4 | 24.369 | 3.8 | 19.392 | 1.538 | 1.830 | 50.0 | 2.390 | 2.0 | -2.688 | 1.861 | -34.7 | 3.269 |
| 248790.1 | 843296.6 | 117.7 | 19.273 | 14.690 | 37.3 | 24.233 | 3.8 | 19.284 | 1.531 | 1.821 | 49.9 | 2.379 | 2.0 | -2.632 | 1.837 | -34.9 | 3.209 |
| 248789.4 | 843295.9 | 117.7 | 19.195 | 14.615 | 37.3 | 24.126 | 3.9 | 19.199 | 1.525 | 1.811 | 49.9 | 2.368 | 1.9 | -2.601 | 1.842 | -35.3 | 3.187 |
| 248788.7 | 843295.1 | 117.6 | 19.117 | 14.541 | 37.3 | 24.018 | 3.9 | 19.113 | 1.518 | 1.802 | 49.9 | 2.356 | 1.8 | -2.573 | 1.850 | -35.7 | 3.169 |
| 248788.0 | 843294.4 | 117.6 | 19.040 | 14.467 | 37.2 | 23.913 | 4.0 | 19.029 | 1.511 | 1.792 | 49.9 | 2.345 | 1.8 | -2.550 | 1.863 | -36.1 | 3.158 |
| 248787.3 | 843293.7 | 117.6 | 18.974 | 14.403 | 37.2 | 23.821 | 4.0 | 18.956 | 1.505 | 1.783 | 49.8 | 2.333 | 1.7 | -2.540 | 1.889 | -36.6 | 3.165 |
| 248786.6 | 843293.0 | 117.5 | 18.906 | 14.338 | 37.2 | 23.728 | 4.1 | 18.882 | 1.498 | 1.774 | 49.8 | 2.322 | 1.6 | -2.532 | 1.917 | -37.1 | 3.175 |
| 248785.9 | 843292.3 | 117.5 | 18.798 | 14.235 | 37.1 | 23.579 | 4.1 | 18.764 | 1.490 | 1.764 | 49.8 | 2.309 | 1.6 | -2.482 | 1.893 | -37.3 | 3.121 |
| 248785.2 | 843291.6 | 117.4 | 18.684 | 14.127 | 37.1 | 23.424 | 4.2 | 18.640 | 1.483 | 1.754 | 49.8 | 2.297 | 1.5 | -2.428 | 1.864 | -37.5 | 3.061 |
| 248784.5 | 843290.8 | 117.3 | 18.572 | 14.021 | 37.1 | 23.271 | 4.3 | 18.518 | 1.475 | 1.744 | 49.8 | 2.284 | 1.5 | -2.378 | 1.836 | -37.7 | 3.004 |
| 248783.8 | 843290.1 | 117.3 | 18.461 | 13.916 | 37.0 | 23.118 | 4.3 | 18.397 | 1.468 | 1.735 | 49.8 | 2.272 | 1.4 | -2.328 | 1.809 | -37.9 | 2.948 |
| 248783.1 | 843289.4 | 117.2 | 18.379 | 13.837 | 37.0 | 23.006 | 4.4 | 18.307 | 1.461 | 1.726 | 49.7 | 2.261 | 1.4 | -2.310 | 1.819 | -38.2 | 2.940 |
| 248782.4 | 843288.7 | 117.2 | 18.311 | 13.772 | 36.9 | 22.912 | 4.4 | 18.233 | 1.454 | 1.717 | 49.7 | 2.250 | 1.3 | -2.307 | 1.845 | -38.6 | 2.954 |
| 248781.7 | 843288.0 | 117.2 | 18.242 | 13.706 | 36.9 | 22.817 | 4.5 | 18.157 | 1.448 | 1.709 | 49.7 | 2.240 | 1.3 | -2.303 | 1.869 | -39.1 | 2.966 |
| 248781.0 | 843287.3 | 117.2 | 18.174 | 13.639 | 36.9 | 22.723 | 4.5 | 18.082 | 1.442 | 1.701 | 49.7 | 2.230 | 1.2 | -2.298 | 1.891 | -39.4 | 2.976 |
| 248780.3 | 843286.5 | 117.1 | 18.105 | 13.573 | 36.9 | 22.627 | 4.6 | 18.006 | 1.436 | 1.693 | 49.7 | 2.220 | 1.2 | -2.292 | 1.910 | -39.8 | 2.984 |
| 248779.7 | 843285.8 | 117.1 | 18.035 | 13.506 | 36.8 | 22.532 | 4.6 | 17.930 | 1.430 | 1.686 | 49.7 | 2.210 | 1.1 | -2.285 | 1.928 | -40.1 | 2.990 |
| 248779.0 | 843285.1 | 117.1 | 17.966 | 13.439 | 36.8 | 22.436 | 4.7 | 17.854 | 1.424 | 1.678 | 49.7 | 2.201 | 1.1 | -2.277 | 1.942 | -40.5 | 2.992 |
| 248778.3 | 843284.4 | 117.0 | 17.895 | 13.370 | 36.8 | 22.338 | 4.7 | 17.776 | 1.418 | 1.671 | 49.7 | 2.192 | 1.0 | -2.265 | 1.952 | -40.8 | 2.991 |
| 248777.6 | 843283.7 | 117.0 | 17.808 | 13.288 | 36.7 | 22.219 | 4.8 | 17.681 | 1.412 | 1.664 | 49.7 | 2.183 | 1.0 | -2.236 | 1.940 | -40.9 | 2.960 |
| 248776.9 | 843282.9 | 117.0 | 17.721 | 13.205 | 36.7 | 22.100 | 4.8 | 17.587 | 1.407 | 1.658 | 49.7 | 2.174 | 1.0 | -2.204 | 1.924 | -41.1 | 2.926 |
| 248776.2 | 843282.2 | 116.9 | 17.634 | 13.122 | 36.7 | 21.981 | 4.9 | 17.492 | 1.401 | 1.651 | 49.7 | 2.166 | 0.9 | -2.170 | 1.906 | -41.3 | 2.888 |
| 248775.5 | 843281.5 | 116.9 | 17.551 | 13.042 | 36.6 | 21.866 | 4.9 | 17.400 | 1.396 | 1.645 | 49.7 | 2.157 | 0.9 | -2.138 | 1.888 | -41.5 | 2.852 |
| 248774.8 | 843280.8 | 116.9 | 17.489 | 12.983 | 36.6 | 21.781 | 5.0 | 17.333 | 1.392 | 1.639 | 49.7 | 2.150 | 0.9 | -2.128 | 1.897 | -41.7 | 2.851 |
| 248774.1 | 843280.1 | 116.8 | 17.435 | 12.929 | 36.6 | 21.706 | 5.0 | 17.273 | 1.387 | 1.633 | 49.7 | 2.143 | 0.8 | -2.125 | 1.912 | -42.0 | 2.859 |
| 248773.4 | 843279.4 | 116.8 | 17.389 | 12.883 | 36.5 | 21.641 | 5.0 | 17.221 | 1.383 | 1.628 | 49.7 | 2.136 | 0.8 | -2.127 | 1.935 | -42.3 | 2.875 |
| 248772.7 | 843278.6 | 116.8 | 17.342 | 12.836 | 36.5 | 21.576 | 5.1 | 17.169 | 1.379 | 1.623 | 49.7 | 2.130 | 0.8 | -2.127 | 1.954 | -42.6 | 2.888 |
| 248772.0 | 843277.9 | 116.8 | 17.294 | 12.789 | 36.5 | 21.509 | 5.1 | 17.117 | 1.375 | 1.618 | 49.7 | 2.123 | 0.7 | -2.125 | 1.969 | -42.8 | 2.897 |
| 248771.3 | 843277.2 | 116.8 | 17.243 | 12.739 | 36.5 | 21.439 | 5.2 | 17.060 | 1.371 | 1.614 | 49.7 | 2.117 | 0.7 | -2.117 | 1.978 | -43.1 | 2.898 |
| 248770.6 | 843276.5 | 116.8 | 17.183 | 12.681 | 36.4 | 21.356 | 5.2 | 16.994 | 1.367 | 1.609 | 49.7 | 2.111 | 0.7 | -2.098 | 1.973 | -43.2 | 2.879 |
| 248769.9 | 843275.8 | 116.8 | 17.123 | 12.622 | 36.4 | 21.272 | 5.2 | 16.928 | 1.363 | 1.604 | 49.6 | 2.105 | 0.6 | -2.075 | 1.964 | -43.4 | 2.857 |
| 248769.2 | 843275.0 | 116.7 | 17.062 | 12.562 | 36.4 | 21.187 | 5.3 | 16.860 | 1.359 | 1.599 | 49.6 | 2.098 | 0.6 | -2.051 | 1.952 | -43.6 | 2.831 |
| 248768.5 | 843274.3 | 116.7 | 17.000 | 12.503 | 36.3 | 21.103 | 5.3 | 16.793 | 1.355 | 1.594 | 49.6 | 2.092 | 0.6 | -2.025 | 1.937 | -43.7 | 2.802 |
| 248767.8 | 843273.6 | 116.7 | 16.939 | 12.443 | 36.3 | 21.018 | 5.4 | 16.725 | 1.351 | 1.590 | 49.6 | 2.086 | 0.5 | -1.996 | 1.920 | -43.9 | 2.769 |
| 248767.1 | 843272.9 | 116.7 | 16.877 | 12.383 | 36.3 | 20.932 | 5.4 | 16.657 | 1.347 | 1.585 | 49.6 | 2.080 | 0.5 | -1.965 | 1.900 | -44.0 | 2.733 |
| 248766.4 | 843272.2 | 116.7 | 16.815 | 12.323 | 36.2 | 20.846 | 5.5 | 16.589 | 1.343 | 1.581 | 49.6 | 2.074 | 0.5 | -1.932 | 1.877 | -44.2 | 2.694 |
| 248765.7 | 843271.5 | 116.7 | 16.758 | 12.267 | 36.2 | 20.768 | 5.5 | 16.527 | 1.339 | 1.576 | 49.6 | 2.068 | 0.4 | -1.904 | 1.860 | -44.3 | 2.661 |
| 248765.0 | 843270.7 | 116.6 | 16.701 | 12.212 | 36.2 | 20.689 | 5.6 | 16.464 | 1.336 | 1.572 | 49.6 | 2.063 | 0.4 | -1.873 | 1.839 | -44.5 | 2.625 |
| 248764.3 | 843270.0 | 116.6 | 16.644 | 12.156 | 36.1 | 20.610 | 5.6 | 16.401 | 1.332 | 1.568 | 49.6 | 2.057 | 0.4 | -1.840 | 1.816 | -44.6 | 2.585 |
| 248763.6 | 843269.3 | 116.6 | 16.589 | 12.102 | 36.1 | 20.534 | 5.6 | 16.341 | 1.328 | 1.563 | 49.6 | 2.052 | 0.3 | -1.808 | 1.794 | -44.8 | 2.547 |
| 248762.9 | 843268.6 | 116.6 | 16.547 | 12.060 | 36.1 | 20.475 | 5.7 | 16.294 | 1.325 | 1.559 | 49.6 | 2.046 | 0.3 | -1.788 | 1.786 | -45.0 | 2.527 |
| 248762.3 | 843267.9 | 116.6 | 16.504 | 12.017 | 36.1 | 20.416 | 5.7 | 16.246 | 1.322 | 1.556 | 49.6 | 2.041 | 0.3 | -1.766 | 1.775 | -45.1 | 2.504 |
| 248761.6 | 843267.1 | 116.6 | 16.461 | 11.974 | 36.0 | 20.355 | 5.8 | 16.198 | 1.318 | 1.552 | 49.6 | 2.036 | 0.2 | -1.741 | 1.760 | -45.3 | 2.476 |
| 248760.9 | 843266.4 | 116.6 | 16.417 | 11.930 | 36.0 | 20.294 | 5.8 | 16.150 | 1.315 | 1.548 | 49.7 | 2.031 | 0.2 | -1.714 | 1.743 | -45.5 | 2.444 |
| 248760.2 | 843265.7 | 116.6 | 16.356 | 11.870 | 36.0 | 20.209 | 5.8 | 16.082 | 1.312 | 1.544 | 49.7 | 2.026 | 0.2 | -1.665 | 1.699 | -45.6 | 2.379 |
| 248759.5 | 843265.0 | 116.6 | 16.293 | 11.810 | 35.9 | 20.123 | 5.9 | 16.013 | 1.308 | 1.541 | 49.7 | 2.021 | 0.2 | -1.612 | 1.650 | -45.7 | 2.307 |
| 248758.8 | 843264.3 | 116.6 | 16.230 | 11.749 | 35.9 | 20.036 | 5.9 | 15.944 | 1.305 | 1.537 | 49.7 | 2.016 | 0.2 | -1.556 | 1.598 | -45.8 | 2.231 |
| 248758.1 | 843263.6 | 116.6 | 16.166 | 11.687 | 35.9 | 19.948 | 6.0 | 15.874 | 1.302 | 1.534 | 49.7 | 2.012 | 0.2 | -1.498 | 1.542 | -45.8 | 2.150 |
| 248757.4 | 843262.8 | 116.5 | 16.110 | 11.633 | 35.8 | 19.871 | 6.0 | 15.813 | 1.299 | 1.531 | 49.7 | 2.008 | 0.2 | -1.447 | 1.494 | -45.9 | 2.080 |
| 248756.7 | 843262.1 | 116.5 | 16.058 | 11.582 | 35.8 | 19.799 | 6.1 | 15.756 | 1.296 | 1.528 | 49.7 | 2.004 | 0.2 | -1.396 | 1.447 | -46.0 | 2.010 |
| 248756.0 | 843261.4 | 116.5 | 16.014 | 11.538 | 35.8 | 19.738 | 6.1 | 15.707 | 1.294 | 1.526 | 49.7 | 2.001 | 0.2 | -1.353 | 1.407 | -46.1 | 1.952 |
| 248755.3 | 843260.7 | 116.6 | 16.003 | 11.523 | 35.8 | 19.719 | 6.1 | 15.692 | 1.292 | 1.524 | 49.7 | 1.998 | 0.2 | -1.344 | 1.408 | -46.3 | 1.947 |
| 248754.6 | 843260.0 | 116.6 | 15.990 | 11.507 | 35.7 | 19.700 | 6.2 | 15.677 | 1.290 | 1.523 | 49.7 | 1.996 | 0.2 | -1.332 | 1.404 | -46.5 | 1.936 |
| 248753.9 | 843259.2 | 116.6 | 15.977 | 11.490 | 35.7 | 19.680 | 6.2 | 15.661 | 1.288 | 1.522 | 49.8 | 1.994 | 0.3 | -1.317 | 1.397 | -46.7 | 1.919 |
| 248753.2 | 843258.5 | 116.7 | 15.962 | 11.471 | 35.7 | 19.656 | 6.2 | 15.642 | 1.286 | 1.521 | 49.8 | 1.992 | 0.3 | -1.296 | 1.382 | -46.8 | 1.894 |
| 248752.5 | 843257.8 | 116.7 | 15.934 | 11.441 | 35.7 | 19.616 | 6.2 | 15.610 | 1.285 | 1.520 | 49.8 | 1.990 | 0.3 | -1.258 | 1.347 | -46.9 | 1.843 |
| 248751.8 | 843257.1 | 116.7 | 15.913 | 11.417 | 35.7 | 19.585 | 6.3 | 15.585 | 1.283 | 1.519 | 49.8 | 1.989 | 0.3 | -1.227 | 1.318 | -47.1 | 1.801 |
| 248751.1 | 843256.4 | 116.7 | 15.901 | 11.402 | 35.6 | 19.566 | 6.3 | 15.570 | 1.282 | 1.519 | 49.8 | 1.987 | 0.3 | -1.203 | 1.299 | -47.2 | 1.770 |
| 248750.4 | 843255.7 | 116.8 | 15.911 | 11.405 | 35.6 | 19.576 | 6.3 | 15.578 | 1.281 | 1.519 | 49.9 | 1.987 | 0.3 | -1.201 | 1.305 | -47.4 | 1.774 |
| 248749.7 | 843254.9 | 116.8 | 15.921 | 11.408 | 35.6 | 19.586 | 6.3 | 15.586 | 1.280 | 1.520 | 49.9 | 1.987 | 0.3 | -1.197 | 1.308 | -47.5 | 1.773 |
| 248749.0 | 843254.2 | 116.9 | 15.932 | 11.412 | 35.6 | 19.597 | 6.3 | 15.595 | 1.279 | 1.520 | 49.9 | 1.987 | 0.3 | -1.192 | 1.310 | -47.7 | 1.771 |
| 248748.3 | 843253.5 | 117.0 | 15.943 | 11.415 | 35.6 | 19.608 | 6.3 | 15.604 | 1.278 | 1.521 | 50.0 | 1.987 | 0.3 | -1.184 | 1.308 | -47.9 | 1.764 |
| 248747.6 | 843252.8 | 117.0 | 15.952 | 11.418 | 35.6 | 19.618 | 6.4 | 15.611 | 1.277 | 1.522 | 50.0 | 1.987 | 0.4 | -1.173 | 1.303 | -48.0 | 1.753 |
| 248746.9 | 843252.1 | 117.1 | 15.962 | 11.421 | 35.6 | 19.627 | 6.4 | 15.619 | 1.277 | 1.522 | 50.0 | 1.987 | 0.4 | -1.159 | 1.294 | -48.2 | 1.737 |
| 248746.2 | 843251.3 | 117.1 | 15.970 | 11.422 | 35.6 | 19.635 | 6.4 | 15.625 | 1.276 | 1.523 | 50.0 | 1.987 | 0.4 | -1.143 | 1.282 | -48.3 | 1.717 |
| 248745.5 | 843250.6 | 117.2 | 15.978 | 11.424 | 35.6 | 19.642 | 6.4 | 15.631 | 1.275 | 1.524 | 50.1 | 1.988 | 0.4 | -1.123 | 1.267 | -48.4 | 1.693 |
| 248744.9 | 843249.9 | 117.2 | 15.986 | 11.424 | 35.6 | 19.648 | 6.4 | 15.636 | 1.275 | 1.526 | 50.1 | 1.988 | 0.4 | -1.101 | 1.248 | -48.6 | 1.664 |
| 248744.2 | 843249.2 | 117.3 | 16.015 | 11.444 | 35.5 | 19.684 | 6.4 | 15.664 | 1.275 | 1.527 | 50.1 | 1.989 | 0.4 | -1.101 | 1.257 | -48.8 | 1.671 |
| 248743.5 | 843248.5 | 117.4 | 16.047 | 11.466 | 35.5 | 19.722 | 6.4 | 15.695 | 1.274 | 1.528 | 50.2 | 1.990 | 0.3 | -1.103 | 1.267 | -49.0 | 1.679 |
| 248742.8 | 843247.8 | 117.5 | 16.079 | 11.487 | 35.5 | 19.760 | 6.4 | 15.725 | 1.274 | 1.530 | 50.2 | 1.991 | 0.3 | -1.101 | 1.274 | -49.2 | 1.684 |
| 248742.1 | 843247.0 | 117.6 | 16.110 | 11.507 | 35.5 | 19.797 | 6.4 | 15.754 | 1.274 | 1.531 | 50.2 | 1.992 | 0.3 | -1.097 | 1.278 | -49.4 | 1.684 |
| 248741.4 | 843246.3 | 117.6 | 16.140 | 11.528 | 35.5 | 19.834 | 6.4 | 15.783 | 1.274 | 1.533 | 50.3 | 1.993 | 0.3 | -1.090 | 1.279 | -49.6 | 1.681 |

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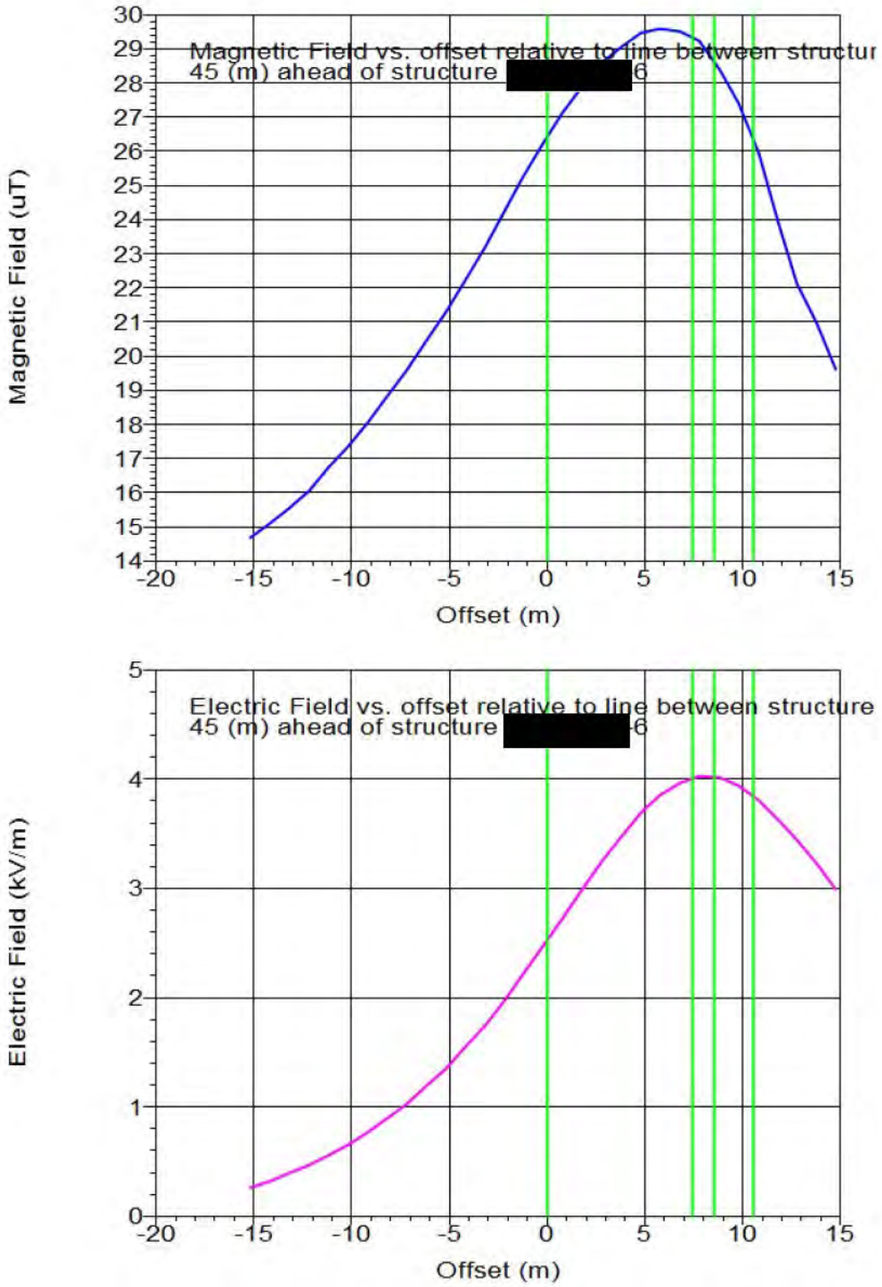
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248740.7 | 843245.6 | 117.7 | 16.175 | 11.552 | 35.5 | 19.877 | 6.4 | 15.817 | 1.273 | 1.534 | 50.3 | 1.994 | 0.3 | -1.087 | 1.285 | -49.8 | 1.683 |
| 248740.0 | 843244.9 | 117.8 | 16.217 | 11.582 | 35.5 | 19.929 | 6.4 | 15.859 | 1.273 | 1.536 | 50.3 | 1.995 | 0.3 | -1.089 | 1.298 | -50.0 | 1.695 |
| 248739.3 | 843244.2 | 117.9 | 16.259 | 11.612 | 35.5 | 19.980 | 6.4 | 15.900 | 1.273 | 1.538 | 50.4 | 1.996 | 0.3 | -1.089 | 1.308 | -50.2 | 1.702 |
| 248738.6 | 843243.5 | 118.0 | 16.301 | 11.642 | 35.5 | 20.031 | 6.4 | 15.940 | 1.273 | 1.539 | 50.4 | 1.998 | 0.3 | -1.086 | 1.316 | -50.5 | 1.706 |
| 248737.9 | 843242.7 | 118.1 | 16.341 | 11.671 | 35.5 | 20.081 | 6.4 | 15.980 | 1.273 | 1.541 | 50.4 | 1.999 | 0.3 | -1.080 | 1.320 | -50.7 | 1.706 |
| 248737.2 | 843242.0 | 118.2 | 16.386 | 11.703 | 35.5 | 20.136 | 6.4 | 16.023 | 1.274 | 1.543 | 50.5 | 2.001 | 0.3 | -1.076 | 1.327 | -51.0 | 1.708 |
| 248736.5 | 843241.3 | 118.3 | 16.426 | 11.730 | 35.5 | 20.184 | 6.4 | 16.062 | 1.274 | 1.545 | 50.5 | 2.002 | 0.3 | -1.064 | 1.326 | -51.2 | 1.700 |
| 248735.8 | 843240.6 | 118.4 | 16.465 | 11.758 | 35.5 | 20.232 | 6.4 | 16.100 | 1.274 | 1.547 | 50.5 | 2.004 | 0.3 | -1.050 | 1.321 | -51.5 | 1.687 |
| 248735.1 | 843239.9 | 118.4 | 16.503 | 11.784 | 35.5 | 20.279 | 6.4 | 16.137 | 1.275 | 1.549 | 50.6 | 2.006 | 0.3 | -1.033 | 1.313 | -51.8 | 1.671 |
| 248734.4 | 843239.1 | 118.5 | 16.553 | 11.819 | 35.5 | 20.339 | 6.5 | 16.185 | 1.274 | 1.554 | 50.6 | 2.009 | 0.3 | -1.027 | 1.294 | -51.5 | 1.652 |
| 248733.7 | 843238.4 | 118.6 | 16.627 | 11.884 | 35.6 | 20.438 | 6.4 | 16.264 | 1.284 | 1.561 | 50.5 | 2.021 | 0.3 | -1.151 | 1.361 | -49.8 | 1.782 |
| 248733.0 | 843237.7 | 118.7 | 16.649 | 11.895 | 35.5 | 20.462 | 6.4 | 16.283 | 1.285 | 1.563 | 50.6 | 2.023 | 0.3 | -1.109 | 1.324 | -50.0 | 1.727 |
| 248732.3 | 843237.0 | 118.8 | 16.675 | 11.911 | 35.5 | 20.492 | 6.4 | 16.307 | 1.285 | 1.566 | 50.6 | 2.026 | 0.3 | -1.068 | 1.289 | -50.3 | 1.674 |
| 248731.6 | 843236.3 | 118.9 | 16.723 | 11.945 | 35.5 | 20.551 | 6.4 | 16.354 | 1.286 | 1.569 | 50.7 | 2.029 | 0.3 | -1.048 | 1.280 | -50.7 | 1.654 |
| 248730.9 | 843235.6 | 119.0 | 16.771 | 11.979 | 35.5 | 20.609 | 6.4 | 16.400 | 1.287 | 1.572 | 50.7 | 2.032 | 0.3 | -1.025 | 1.267 | -51.0 | 1.630 |
| 248730.2 | 843234.8 | 119.1 | 16.818 | 12.012 | 35.5 | 20.667 | 6.4 | 16.446 | 1.288 | 1.575 | 50.7 | 2.035 | 0.3 | -0.999 | 1.251 | -51.4 | 1.601 |
| 248729.5 | 843234.1 | 119.2 | 16.875 | 12.054 | 35.5 | 20.738 | 6.4 | 16.502 | 1.290 | 1.579 | 50.8 | 2.039 | 0.3 | -0.980 | 1.244 | -51.8 | 1.584 |
| 248728.8 | 843233.4 | 119.3 | 16.931 | 12.095 | 35.5 | 20.808 | 6.4 | 16.558 | 1.291 | 1.583 | 50.8 | 2.043 | 0.3 | -0.958 | 1.234 | -52.2 | 1.562 |
| 248728.1 | 843232.7 | 119.4 | 16.987 | 12.136 | 35.5 | 20.877 | 6.4 | 16.613 | 1.293 | 1.587 | 50.8 | 2.047 | 0.3 | -0.933 | 1.220 | -52.6 | 1.536 |
| 248727.5 | 843232.0 | 119.5 | 17.049 | 12.181 | 35.5 | 20.954 | 6.4 | 16.675 | 1.295 | 1.591 | 50.9 | 2.051 | 0.3 | -0.911 | 1.210 | -53.0 | 1.515 |
| 248726.8 | 843231.2 | 119.6 | 17.123 | 12.237 | 35.6 | 21.046 | 6.4 | 16.748 | 1.297 | 1.596 | 50.9 | 2.056 | 0.3 | -0.898 | 1.212 | -53.4 | 1.508 |
| 248726.1 | 843230.5 | 119.8 | 17.204 | 12.299 | 35.6 | 21.149 | 6.3 | 16.829 | 1.299 | 1.600 | 50.9 | 2.061 | 0.3 | -0.890 | 1.220 | -53.9 | 1.510 |
| 248725.4 | 843229.8 | 119.9 | 17.288 | 12.363 | 35.6 | 21.254 | 6.3 | 16.913 | 1.302 | 1.605 | 51.0 | 2.067 | 0.3 | -0.881 | 1.227 | -54.3 | 1.511 |
| 248724.7 | 843229.1 | 120.0 | 17.371 | 12.427 | 35.6 | 21.358 | 6.3 | 16.996 | 1.305 | 1.610 | 51.0 | 2.073 | 0.3 | -0.869 | 1.231 | -54.8 | 1.507 |
| 248724.0 | 843228.4 | 120.2 | 17.454 | 12.490 | 35.6 | 21.463 | 6.3 | 17.080 | 1.307 | 1.616 | 51.0 | 2.078 | 0.3 | -0.853 | 1.231 | -55.3 | 1.498 |
| 248723.3 | 843227.7 | 120.3 | 17.529 | 12.546 | 35.6 | 21.556 | 6.3 | 17.154 | 1.310 | 1.621 | 51.1 | 2.084 | 0.3 | -0.827 | 1.218 | -55.8 | 1.472 |
| 248722.6 | 843226.9 | 120.4 | 17.593 | 12.593 | 35.6 | 21.635 | 6.3 | 17.217 | 1.313 | 1.627 | 51.1 | 2.090 | 0.3 | -0.787 | 1.188 | -56.5 | 1.425 |
| 248721.9 | 843226.2 | 120.5 | 17.656 | 12.639 | 35.6 | 21.714 | 6.3 | 17.279 | 1.316 | 1.632 | 51.1 | 2.097 | 0.3 | -0.744 | 1.154 | -57.2 | 1.373 |
| 248721.2 | 843225.5 | 120.7 | 17.719 | 12.685 | 35.6 | 21.792 | 6.3 | 17.341 | 1.319 | 1.638 | 51.2 | 2.103 | 0.4 | -0.698 | 1.117 | -58.0 | 1.317 |
| 248720.5 | 843224.8 | 120.8 | 17.782 | 12.730 | 35.6 | 21.869 | 6.3 | 17.403 | 1.322 | 1.644 | 51.2 | 2.110 | 0.4 | -0.649 | 1.077 | -58.9 | 1.257 |
| 248719.8 | 843224.1 | 120.9 | 17.844 | 12.774 | 35.6 | 21.945 | 6.3 | 17.464 | 1.326 | 1.650 | 51.2 | 2.117 | 0.4 | -0.597 | 1.033 | -60.0 | 1.193 |
| 248719.1 | 843223.3 | 121.0 | 17.906 | 12.819 | 35.6 | 22.021 | 6.3 | 17.524 | 1.329 | 1.656 | 51.3 | 2.124 | 0.4 | -0.542 | 0.985 | -61.2 | 1.125 |
| 248718.4 | 843222.6 | 121.1 | 17.991 | 12.883 | 35.6 | 22.128 | 6.3 | 17.609 | 1.333 | 1.663 | 51.3 | 2.131 | 0.4 | -0.508 | 0.964 | -62.2 | 1.089 |
| 248717.7 | 843221.9 | 121.3 | 18.086 | 12.955 | 35.6 | 22.247 | 6.3 | 17.704 | 1.337 | 1.670 | 51.3 | 2.139 | 0.4 | -0.481 | 0.951 | -63.2 | 1.066 |
| 248717.0 | 843221.2 | 121.4 | 18.187 | 13.033 | 35.6 | 22.375 | 6.2 | 17.806 | 1.341 | 1.677 | 51.4 | 2.147 | 0.5 | -0.459 | 0.944 | -64.1 | 1.050 |
| 248716.3 | 843220.5 | 121.6 | 18.312 | 13.131 | 35.6 | 22.533 | 6.2 | 17.931 | 1.345 | 1.685 | 51.4 | 2.156 | 0.5 | -0.457 | 0.962 | -64.6 | 1.065 |
| 248715.6 | 843219.8 | 121.8 | 18.435 | 13.228 | 35.7 | 22.690 | 6.2 | 18.056 | 1.350 | 1.692 | 51.4 | 2.165 | 0.6 | -0.452 | 0.977 | -65.2 | 1.077 |
| 248714.9 | 843219.0 | 121.9 | 18.544 | 13.311 | 35.7 | 22.827 | 6.1 | 18.165 | 1.354 | 1.700 | 51.5 | 2.173 | 0.6 | -0.431 | 0.973 | -66.1 | 1.064 |
| 248714.2 | 843218.3 | 122.1 | 18.652 | 13.395 | 35.7 | 22.963 | 6.1 | 18.274 | 1.359 | 1.707 | 51.5 | 2.182 | 0.7 | -0.409 | 0.967 | -67.1 | 1.050 |
| 248713.5 | 843217.6 | 122.2 | 18.761 | 13.478 | 35.7 | 23.100 | 6.1 | 18.383 | 1.363 | 1.714 | 51.5 | 2.190 | 0.7 | -0.387 | 0.960 | -68.1 | 1.035 |
| 248712.8 | 843216.9 | 122.4 | 18.869 | 13.561 | 35.7 | 23.237 | 6.1 | 18.491 | 1.367 | 1.722 | 51.6 | 2.198 | 0.8 | -0.364 | 0.954 | -69.1 | 1.021 |
| 248712.1 | 843216.2 | 122.5 | 19.002 | 13.666 | 35.7 | 23.406 | 6.0 | 18.626 | 1.371 | 1.729 | 51.6 | 2.206 | 0.8 | -0.364 | 0.976 | -69.5 | 1.042 |
| 248711.4 | 843215.4 | 122.7 | 19.146 | 13.779 | 35.7 | 23.588 | 6.0 | 18.771 | 1.375 | 1.736 | 51.6 | 2.215 | 0.9 | -0.374 | 1.011 | -69.7 | 1.077 |
| 248710.7 | 843214.7 | 122.9 | 19.290 | 13.892 | 35.8 | 23.772 | 6.0 | 18.917 | 1.379 | 1.742 | 51.6 | 2.222 | 1.0 | -0.384 | 1.047 | -69.9 | 1.115 |
| 248710.1 | 843214.0 | 123.1 | 19.439 | 14.010 | 35.8 | 23.961 | 5.9 | 19.068 | 1.383 | 1.749 | 51.7 | 2.230 | 1.1 | -0.400 | 1.090 | -69.9 | 1.161 |
| 248709.4 | 843213.3 | 123.3 | 19.643 | 14.175 | 35.8 | 24.224 | 5.9 | 19.276 | 1.387 | 1.755 | 51.7 | 2.238 | 1.2 | -0.465 | 1.197 | -68.8 | 1.284 |
| 248708.7 | 843212.6 | 123.5 | 19.764 | 14.268 | 35.8 | 24.376 | 5.8 | 19.398 | 1.390 | 1.761 | 51.7 | 2.244 | 1.3 | -0.458 | 1.211 | -69.3 | 1.295 |
| 248708.0 | 843211.9 | 123.6 | 19.857 | 14.336 | 35.8 | 24.491 | 5.8 | 19.490 | 1.393 | 1.766 | 51.7 | 2.249 | 1.3 | -0.426 | 1.196 | -70.4 | 1.270 |
| 248707.3 | 843211.1 | 123.7 | 19.955 | 14.408 | 35.8 | 24.613 | 5.8 | 19.586 | 1.395 | 1.770 | 51.8 | 2.253 | 1.4 | -0.402 | 1.189 | -71.3 | 1.255 |
| 248706.6 | 843210.4 | 123.9 | 20.061 | 14.487 | 35.8 | 24.745 | 5.8 | 19.691 | 1.396 | 1.774 | 51.8 | 2.258 | 1.4 | -0.386 | 1.195 | -72.1 | 1.256 |
| 248705.9 | 843209.7 | 124.0 | 20.167 | 14.566 | 35.8 | 24.877 | 5.8 | 19.797 | 1.398 | 1.778 | 51.8 | 2.261 | 1.5 | -0.374 | 1.204 | -72.8 | 1.261 |
| 248705.2 | 843209.0 | 124.2 | 20.272 | 14.645 | 35.8 | 25.009 | 5.8 | 19.901 | 1.399 | 1.781 | 51.8 | 2.265 | 1.5 | -0.363 | 1.217 | -73.4 | 1.270 |
| 248704.5 | 843208.3 | 124.3 | 20.319 | 14.706 | 35.9 | 25.083 | 5.7 | 19.960 | 1.389 | 1.775 | 52.0 | 2.254 | 1.6 | -0.249 | 1.157 | -77.8 | 1.184 |
| 248703.8 | 843207.5 | 124.5 | 20.426 | 14.785 | 35.9 | 25.215 | 5.7 | 20.065 | 1.390 | 1.778 | 52.0 | 2.257 | 1.7 | -0.244 | 1.177 | -78.3 | 1.202 |
| 248703.1 | 843206.8 | 124.6 | 20.532 | 14.863 | 35.9 | 25.347 | 5.7 | 20.171 | 1.390 | 1.780 | 52.0 | 2.259 | 1.8 | -0.242 | 1.200 | -78.6 | 1.225 |
| 248702.4 | 843206.1 | 124.8 | 20.639 | 14.941 | 35.9 | 25.479 | 5.7 | 20.276 | 1.390 | 1.782 | 52.0 | 2.260 | 1.8 | -0.243 | 1.228 | -78.8 | 1.252 |
| 248701.7 | 843205.4 | 124.9 | 20.745 | 15.018 | 35.9 | 25.610 | 5.7 | 20.380 | 1.390 | 1.783 | 52.1 | 2.261 | 1.9 | -0.247 | 1.259 | -78.9 | 1.283 |
| 248701.0 | 843204.7 | 125.1 | 20.807 | 15.057 | 35.9 | 25.683 | 5.7 | 20.438 | 1.389 | 1.784 | 52.1 | 2.261 | 1.9 | -0.218 | 1.248 | -80.1 | 1.267 |
| 248700.3 | 843204.0 | 125.2 | 20.856 | 15.085 | 35.9 | 25.739 | 5.7 | 20.483 | 1.387 | 1.784 | 52.1 | 2.259 | 2.0 | -0.182 | 1.227 | -81.6 | 1.241 |
| 248699.6 | 843203.2 | 125.3 | 20.905 | 15.111 | 35.9 | 25.794 | 5.7 | 20.527 | 1.385 | 1.783 | 52.2 | 2.258 | 2.0 | -0.149 | 1.211 | -83.0 | 1.220 |
| 248698.9 | 843202.5 | 125.4 | 20.952 | 15.137 | 35.8 | 25.848 | 5.8 | 20.570 | 1.382 | 1.783 | 52.2 | 2.256 | 2.1 | -0.120 | 1.199 | -84.3 | 1.205 |
| 248698.2 | 843201.8 | 125.5 | 21.000 | 15.162 | 35.8 | 25.901 | 5.8 | 20.612 | 1.379 | 1.781 | 52.3 | 2.253 | 2.1 | -0.095 | 1.191 | -85.5 | 1.195 |
| 248697.5 | 843201.1 | 125.6 | 21.043 | 15.184 | 35.8 | 25.949 | 5.8 | 20.649 | 1.376 | 1.780 | 52.3 | 2.249 | 2.1 | -0.070 | 1.185 | -86.6 | 1.187 |
| 248696.8 | 843200.4 | 125.7 | 21.084 | 15.203 | 35.8 | 25.994 | 5.8 | 20.685 | 1.372 | 1.778 | 52.3 | 2.245 | 2.2 | -0.048 | 1.182 | -87.7 | 1.183 |
| 248696.1 | 843199.7 | 125.8 | 21.124 | 15.222 | 35.8 | 26.038 | 5.9 | 20.720 | 1.367 | 1.775 | 52.4 | 2.241 | 2.2 | -0.030 | 1.183 | -88.5 | 1.183 |
| 248695.4 | 843198.9 | 126.0 | 21.164 | 15.240 | 35.8 | 26.080 | 5.9 | 20.754 | 1.363 | 1.772 | 52.4 | 2.236 | 2.3 | -0.016 | 1.188 | -89.2 | 1.189 |
| 248694.7 | 843198.2 | 126.1 | 21.203 | 15.257 | 35.7 | 26.122 | 5.9 | 20.787 | 1.358 | 1.769 | 52.5 | 2.230 | 2.3 | -0.005 | 1.198 | -89.8 | 1.198 |
| 248694.0 | 843197.5 | 126.2 | 21.212 | 15.249 | 35.7 | 26.125 | 6.0 | 20.789 | 1.352 | 1.765 | 52.5 | 2.224 | 2.4 | 0.026 | 1.182 | 88.8 | 1.183 |
| 248693.3 | 843196.8 | 126.2 | 21.186 | 15.210 | 35.7 | 26.081 | 6.0 | 20.754 | 1.345 | 1.761 | 52.6 | 2.216 | 2.4 | 0.080 | 1.134 | 85.9 | 1.137 |
| 248692.7 | 843196.1 | 126.3 | 21.159 | 15.170 | 35.6 | 26.036 | 6.1 | 20.718 | 1.338 | 1.756 | 52.7 | 2.208 | 2.4 | 0.131 | 1.090 | 83.1 | 1.098 |
| 248692.0 | 843195.3 | 126.4 | 21.131 | 15.130 | 35.6 | 25.989 | 6.2 | 20.682 | 1.331 | 1.751 | 52.8 | 2.199 | 2.4 | 0.179 | 1.049 | 80.3 | 1.064 |
| 248691.3 | 843194.6 | 126.5 | 21.102 | 15.089 | 35.6 | 25.942 | 6.3 | 20.644 | 1.323 | 1.745 | 52.8 | 2.190 | 2.4 | 0.223 | 1.012 | 77.6 | 1.037 |
| 248690.6 | 843193.9 | 126.5 | 21.072 | 15.047 | 35.5 | 25.893 | 6.3 | 20.605 | 1.316 | 1.740 | 52.9 | 2.181 | 2.4 | 0.264 | 0.979 | 74.9 | 1.014 |
| 248689.9 | 843193.2 | 126.6 | 21.071 | 15.029 | 35.5 | 25.881 | 6.4 | 20.596 | 1.308 | 1.734 | 53.0 | 2.172 | 2.5 | 0.279 | 0.979 | 74.1 | 1.018 |
| 248689.2 | 843192.5 | 126.7 | 21.074 | 15.015 | 35.5 | 25.876 | 6.4 | 20.591 | 1.300 | 1.729 | 53.1 | 2.163 | 2.5 | 0.287 | 0.989 | 73.8 | 1.029 |
| 248688.5 | 843191.8 | 126.8 | 21.077 | 15.000 | 35.4 | 25.869 | 6.5 | 20.586 | 1.292 | 1.723 | 53.1 | 2.154 | 2.6 | 0.292 | 1.001 | 73.7 | 1.043 |
| 248687.8 | 843191.0 | 126.9 | 21.078 | 14.984 | 35.4 | 25.862 | 6.6 | 20.580 | 1.284 | 1.717 | 53.2 | 2.144 | 2.7 | 0.295 | 1.016 | 73.8 | 1.058 |
| 248687.1 | 843190.3 | 127.0 | 21.079 | 14.968 | 35.4 | 25.853 | 6.6 | 20.573 | 1.276 | 1.711 | 53.3 | 2.134 | 2.7 | 0.296 | 1.033 | 74.0 | 1.074 |
| 248686.4 | 843189.6 | 127.1 | 21.079 | 14.950 | 35.3 | 25.842 | 6.7 | 20.565 | 1.267 | 1.705 | 53.4 | 2.124 | 2.8 | 0.294 | 1.052 | 74.4 | 1.093 |
| 248685.7 | 843188.9 | 127.2 | 21.074 | 14.929 | 35.3 | 25.826 | 6.7 | 20.551 | 1.258 | 1.699 | 53.5 | 2.114 | 2.9 | 0.293 | 1.070 | 74.7 | 1.110 |
| 248685.0 | 843188.2 | 127.3 | 21.053 | 14.894 | 35.3 | 25.789 | 6.8 | 20.522 | 1.249 | 1.692 | 53.6 | 2.103 | 3.0 | 0.301 | 1.075 | 74.3 | 1.117 |
| 248684.3 | 843187.4 | 127.4 | 21.031 | 14.858 | 35.2 | 25.750 | 6.9 | 20.491 | 1.239 | 1.686 | 53.7 | 2.092 | 3.1 | 0.308 | 1.082 | 74.1 | 1.125 |
| 248683.6 | 843186.7 | 127.4 | 20.994 | 14.810 | 35.2 | 25.692 | 7.0 | 20.445 | 1.229 | 1.679 | 53.8 | 2.081 | 3.1 | 0.323 | 1.077 | 73.3 | 1.125 |
| 248682.9 | 843186.0 | 127.5 | 20.959 | 14.764 | 35.2 | 25.637 | 7.1 | 20.401 | 1.219 | 1.672 | 53.9 | 2.069 | 3.2 | 0.333 | 1.078 | 72.8 | 1.128 |
| 248682.2 | 843185.3 | 127.6 | 20.917 | 14.711 | 35.1 | 25.572 | 7.2 | 20.349 | 1.208 | 1.664 | 54.0 | 2.057 | 3.3 | 0.346 | 1.073 | 72.1 | 1.128 |
| 248681.5 | 843184.6 | 127.7 | 20.857 | 14.644 | 35.1 | 25.485 | 7.3 | 20.280 | 1.197 | 1.657 | 54.1 | 2.044 | 3.3 | 0.369 | 1.055 | 70.7 | 1.118 |
| 248680.8 | 843183.9 | 127.7 | 20.797 | 14.577 | 35.0 | 25.397 | 7.4 | 20.210 | 1.186 | 1.649 | 54.3 | 2.031 | 3.4 | 0.390 | 1.039 | 69.4 | 1.110 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248680.1 | 843183.1 | 127.8 | 20.736 | 14.509 | 35.0 | 25.308 | 7.5 | 20.139 | 1.174 | 1.641 | 54.4 | 2.018 | 3.5 | 0.409 | 1.026 | 68.3 | 1.104 |
| 248679.4 | 843182.4 | 127.8 | 20.673 | 14.441 | 34.9 | 25.218 | 7.6 | 20.068 | 1.162 | 1.633 | 54.6 | 2.004 | 3.5 | 0.425 | 1.014 | 67.3 | 1.100 |
| 248678.7 | 843181.7 | 127.9 | 20.600 | 14.364 | 34.9 | 25.114 | 7.7 | 19.985 | 1.150 | 1.624 | 54.7 | 1.990 | 3.6 | 0.446 | 0.996 | 65.9 | 1.091 |
| 248678.0 | 843181.0 | 128.0 | 20.526 | 14.287 | 34.8 | 25.009 | 7.8 | 19.902 | 1.138 | 1.616 | 54.9 | 1.976 | 3.7 | 0.466 | 0.979 | 64.6 | 1.084 |
| 248677.3 | 843180.3 | 128.0 | 20.451 | 14.209 | 34.8 | 24.903 | 7.9 | 19.817 | 1.125 | 1.607 | 55.0 | 1.961 | 3.7 | 0.483 | 0.964 | 63.4 | 1.079 |
| 248676.6 | 843179.5 | 128.1 | 20.376 | 14.130 | 34.7 | 24.796 | 8.0 | 19.732 | 1.112 | 1.598 | 55.2 | 1.947 | 3.8 | 0.498 | 0.952 | 62.4 | 1.075 |
| 248675.9 | 843178.8 | 128.1 | 20.299 | 14.052 | 34.7 | 24.688 | 8.1 | 19.646 | 1.098 | 1.589 | 55.3 | 1.931 | 3.9 | 0.511 | 0.943 | 61.5 | 1.072 |
| 248675.3 | 843178.1 | 128.2 | 20.221 | 13.972 | 34.6 | 24.579 | 8.3 | 19.559 | 1.085 | 1.579 | 55.5 | 1.916 | 4.0 | 0.522 | 0.935 | 60.8 | 1.071 |
| 248674.6 | 843177.4 | 128.3 | 20.142 | 13.892 | 34.6 | 24.469 | 8.4 | 19.471 | 1.071 | 1.570 | 55.7 | 1.900 | 4.1 | 0.531 | 0.930 | 60.2 | 1.071 |
| 248673.9 | 843176.7 | 128.3 | 20.063 | 13.812 | 34.5 | 24.357 | 8.5 | 19.383 | 1.057 | 1.560 | 55.9 | 1.885 | 4.2 | 0.539 | 0.926 | 59.8 | 1.072 |
| 248673.2 | 843176.0 | 128.4 | 19.979 | 13.729 | 34.5 | 24.241 | 8.6 | 19.291 | 1.043 | 1.550 | 56.1 | 1.868 | 4.3 | 0.546 | 0.923 | 59.4 | 1.072 |
| 248672.5 | 843175.2 | 128.4 | 19.891 | 13.643 | 34.4 | 24.121 | 8.7 | 19.195 | 1.028 | 1.540 | 56.3 | 1.852 | 4.4 | 0.553 | 0.918 | 58.9 | 1.072 |
| 248671.8 | 843174.5 | 128.5 | 19.803 | 13.557 | 34.4 | 23.999 | 8.9 | 19.098 | 1.013 | 1.530 | 56.5 | 1.835 | 4.5 | 0.559 | 0.916 | 58.6 | 1.073 |
| 248671.1 | 843173.8 | 128.5 | 19.714 | 13.470 | 34.3 | 23.876 | 9.0 | 19.000 | 0.998 | 1.519 | 56.7 | 1.818 | 4.6 | 0.562 | 0.916 | 58.5 | 1.075 |
| 248670.4 | 843173.1 | 128.6 | 19.623 | 13.383 | 34.3 | 23.752 | 9.1 | 18.902 | 0.983 | 1.509 | 56.9 | 1.800 | 4.8 | 0.564 | 0.918 | 58.5 | 1.077 |
| 248669.7 | 843172.4 | 128.6 | 19.532 | 13.296 | 34.2 | 23.628 | 9.3 | 18.802 | 0.967 | 1.498 | 57.1 | 1.783 | 4.9 | 0.563 | 0.923 | 58.6 | 1.081 |
| 248669.0 | 843171.6 | 128.7 | 19.444 | 13.212 | 34.2 | 23.508 | 9.4 | 18.707 | 0.951 | 1.486 | 57.4 | 1.765 | 5.1 | 0.559 | 0.934 | 59.1 | 1.088 |
| 248668.3 | 843170.9 | 128.8 | 19.355 | 13.128 | 34.1 | 23.387 | 9.6 | 18.611 | 0.935 | 1.475 | 57.6 | 1.747 | 5.2 | 0.552 | 0.948 | 59.8 | 1.097 |
| 248667.6 | 843170.2 | 128.8 | 19.255 | 13.034 | 34.1 | 23.252 | 9.7 | 18.503 | 0.919 | 1.463 | 57.9 | 1.728 | 5.4 | 0.551 | 0.954 | 60.0 | 1.101 |
| 248666.9 | 843169.5 | 128.8 | 19.145 | 12.935 | 34.0 | 23.105 | 9.8 | 18.387 | 0.902 | 1.451 | 58.1 | 1.709 | 5.5 | 0.552 | 0.954 | 60.0 | 1.102 |
| 248666.2 | 843168.8 | 128.9 | 18.996 | 12.805 | 34.0 | 22.909 | 10.0 | 18.230 | 0.884 | 1.439 | 58.4 | 1.688 | 5.6 | 0.574 | 0.920 | 58.0 | 1.084 |
| 248665.5 | 843168.1 | 128.9 | 18.846 | 12.676 | 33.9 | 22.712 | 10.2 | 18.074 | 0.865 | 1.426 | 58.8 | 1.668 | 5.6 | 0.593 | 0.889 | 56.3 | 1.069 |
| 248664.8 | 843167.3 | 128.9 | 18.696 | 12.548 | 33.9 | 22.517 | 10.4 | 17.918 | 0.846 | 1.413 | 59.1 | 1.647 | 5.7 | 0.610 | 0.861 | 54.7 | 1.055 |
| 248664.1 | 843166.6 | 128.9 | 18.568 | 12.437 | 33.8 | 22.349 | 10.5 | 17.784 | 0.828 | 1.400 | 59.4 | 1.626 | 5.8 | 0.612 | 0.857 | 54.5 | 1.053 |
| 248663.4 | 843165.9 | 129.0 | 18.439 | 12.326 | 33.8 | 22.180 | 10.7 | 17.650 | 0.809 | 1.386 | 59.7 | 1.605 | 6.0 | 0.613 | 0.855 | 54.4 | 1.052 |
| 248662.7 | 843165.2 | 129.0 | 18.309 | 12.215 | 33.7 | 22.010 | 10.9 | 17.515 | 0.791 | 1.373 | 60.1 | 1.584 | 6.1 | 0.612 | 0.855 | 54.4 | 1.051 |
| 248662.0 | 843164.5 | 129.0 | 18.179 | 12.105 | 33.7 | 21.840 | 11.0 | 17.380 | 0.772 | 1.359 | 60.4 | 1.563 | 6.3 | 0.609 | 0.857 | 54.6 | 1.052 |
| 248661.3 | 843163.7 | 129.1 | 18.044 | 11.992 | 33.6 | 21.665 | 11.2 | 17.241 | 0.753 | 1.345 | 60.8 | 1.542 | 6.5 | 0.607 | 0.858 | 54.7 | 1.051 |
| 248660.6 | 843163.0 | 129.1 | 17.914 | 11.883 | 33.6 | 21.497 | 11.4 | 17.107 | 0.734 | 1.332 | 61.1 | 1.520 | 6.7 | 0.601 | 0.866 | 55.2 | 1.054 |
| 248659.9 | 843162.3 | 129.2 | 17.804 | 11.789 | 33.5 | 21.353 | 11.6 | 16.992 | 0.715 | 1.318 | 61.5 | 1.499 | 6.9 | 0.584 | 0.893 | 56.8 | 1.068 |
| 248659.2 | 843161.6 | 129.2 | 17.667 | 11.677 | 33.5 | 21.178 | 11.7 | 16.853 | 0.696 | 1.304 | 61.9 | 1.478 | 7.1 | 0.580 | 0.899 | 57.2 | 1.070 |
| 248658.5 | 843160.9 | 129.2 | 17.517 | 11.556 | 33.4 | 20.985 | 11.9 | 16.699 | 0.677 | 1.290 | 62.3 | 1.456 | 7.3 | 0.581 | 0.893 | 57.0 | 1.065 |
| 248657.9 | 843160.2 | 129.2 | 17.365 | 11.434 | 33.4 | 20.792 | 12.1 | 16.545 | 0.657 | 1.275 | 62.8 | 1.435 | 7.5 | 0.581 | 0.889 | 56.8 | 1.062 |
| 248657.2 | 843159.4 | 129.3 | 17.213 | 11.314 | 33.3 | 20.598 | 12.3 | 16.392 | 0.637 | 1.261 | 63.2 | 1.413 | 7.6 | 0.581 | 0.885 | 56.7 | 1.058 |
| 248656.5 | 843158.7 | 129.3 | 17.061 | 11.193 | 33.3 | 20.405 | 12.5 | 16.238 | 0.617 | 1.247 | 63.7 | 1.391 | 7.8 | 0.580 | 0.882 | 56.7 | 1.056 |
| 248655.8 | 843158.0 | 129.3 | 16.908 | 11.074 | 33.2 | 20.211 | 12.7 | 16.084 | 0.598 | 1.233 | 64.1 | 1.370 | 8.0 | 0.579 | 0.880 | 56.7 | 1.053 |
| 248655.1 | 843157.3 | 129.3 | 16.754 | 10.955 | 33.2 | 20.018 | 12.9 | 15.930 | 0.578 | 1.219 | 64.6 | 1.349 | 8.2 | 0.577 | 0.879 | 56.7 | 1.051 |
| 248654.4 | 843156.6 | 129.4 | 16.601 | 10.836 | 33.1 | 19.824 | 13.1 | 15.776 | 0.558 | 1.205 | 65.1 | 1.328 | 8.5 | 0.576 | 0.878 | 56.8 | 1.050 |
| 248653.7 | 843155.9 | 129.4 | 16.452 | 10.723 | 33.1 | 19.638 | 13.3 | 15.627 | 0.539 | 1.191 | 65.6 | 1.307 | 8.7 | 0.572 | 0.883 | 57.1 | 1.052 |
| 248653.0 | 843155.1 | 129.4 | 16.302 | 10.609 | 33.1 | 19.450 | 13.6 | 15.478 | 0.520 | 1.177 | 66.2 | 1.287 | 9.0 | 0.569 | 0.887 | 57.4 | 1.054 |
| 248652.3 | 843154.4 | 129.4 | 16.152 | 10.496 | 33.0 | 19.263 | 13.8 | 15.329 | 0.501 | 1.163 | 66.7 | 1.266 | 9.3 | 0.566 | 0.892 | 57.6 | 1.056 |
| 248651.6 | 843153.7 | 129.5 | 16.001 | 10.384 | 33.0 | 19.075 | 14.0 | 15.180 | 0.482 | 1.149 | 67.2 | 1.246 | 9.6 | 0.563 | 0.896 | 57.8 | 1.058 |
| 248650.9 | 843153.0 | 129.5 | 15.850 | 10.272 | 32.9 | 18.888 | 14.2 | 15.030 | 0.464 | 1.135 | 67.8 | 1.226 | 9.9 | 0.561 | 0.901 | 58.1 | 1.061 |
| 248650.2 | 843152.3 | 129.5 | 15.704 | 10.165 | 32.9 | 18.707 | 14.4 | 14.886 | 0.446 | 1.122 | 68.3 | 1.207 | 10.3 | 0.559 | 0.910 | 58.4 | 1.067 |
| 248649.5 | 843151.5 | 129.6 | 15.561 | 10.061 | 32.9 | 18.530 | 14.6 | 14.746 | 0.428 | 1.108 | 68.9 | 1.188 | 10.7 | 0.555 | 0.921 | 58.9 | 1.076 |
| 248648.8 | 843150.8 | 129.6 | 15.403 | 9.948 | 32.9 | 18.337 | 14.9 | 14.592 | 0.410 | 1.095 | 69.5 | 1.169 | 11.0 | 0.558 | 0.921 | 58.8 | 1.076 |
| 248648.1 | 843150.1 | 129.6 | 15.223 | 9.821 | 32.8 | 18.115 | 15.1 | 14.416 | 0.391 | 1.081 | 70.1 | 1.149 | 11.2 | 0.567 | 0.899 | 57.8 | 1.063 |
| 248647.4 | 843149.4 | 129.6 | 15.044 | 9.695 | 32.8 | 17.897 | 15.4 | 14.242 | 0.373 | 1.067 | 70.8 | 1.130 | 11.4 | 0.577 | 0.880 | 56.7 | 1.052 |
| 248646.7 | 843148.7 | 129.6 | 14.866 | 9.572 | 32.8 | 17.681 | 15.6 | 14.070 | 0.354 | 1.054 | 71.4 | 1.112 | 11.6 | 0.586 | 0.860 | 55.7 | 1.041 |
| 248646.0 | 843148.0 | 129.6 | 14.689 | 9.450 | 32.8 | 17.466 | 15.9 | 13.899 | 0.336 | 1.040 | 72.1 | 1.093 | 11.7 | 0.596 | 0.841 | 54.7 | 1.031 |
| 248645.3 | 843147.2 | 129.6 | 14.514 | 9.330 | 32.7 | 17.254 | 16.1 | 13.730 | 0.319 | 1.027 | 72.8 | 1.076 | 11.9 | 0.606 | 0.822 | 53.6 | 1.021 |
| 248644.6 | 843146.5 | 129.6 | 14.339 | 9.213 | 32.7 | 17.044 | 16.4 | 13.563 | 0.302 | 1.014 | 73.4 | 1.058 | 12.1 | 0.616 | 0.804 | 52.5 | 1.013 |
| 248643.9 | 843145.8 | 129.6 | 14.167 | 9.097 | 32.7 | 16.836 | 16.7 | 13.398 | 0.285 | 1.001 | 74.1 | 1.041 | 12.4 | 0.626 | 0.785 | 51.4 | 1.004 |
| 248643.2 | 843145.1 | 129.6 | 13.996 | 8.984 | 32.7 | 16.632 | 16.9 | 13.235 | 0.269 | 0.989 | 74.8 | 1.025 | 12.6 | 0.637 | 0.767 | 50.3 | 0.997 |
| 248642.5 | 843144.4 | 129.6 | 13.828 | 8.874 | 32.7 | 16.431 | 17.2 | 13.075 | 0.253 | 0.977 | 75.5 | 1.009 | 12.8 | 0.648 | 0.749 | 49.1 | 0.990 |
| 248641.8 | 843143.6 | 129.6 | 13.663 | 8.767 | 32.7 | 16.234 | 17.5 | 12.918 | 0.238 | 0.965 | 76.1 | 0.994 | 13.0 | 0.659 | 0.731 | 48.0 | 0.985 |
| 248641.1 | 843142.9 | 129.6 | 13.501 | 8.662 | 32.7 | 16.041 | 17.8 | 12.765 | 0.224 | 0.953 | 76.8 | 0.979 | 13.2 | 0.671 | 0.713 | 46.7 | 0.980 |
| 248640.5 | 843142.2 | 129.6 | 13.342 | 8.561 | 32.7 | 15.853 | 18.0 | 12.615 | 0.211 | 0.942 | 77.4 | 0.965 | 13.4 | 0.684 | 0.696 | 45.5 | 0.976 |
| 248639.8 | 843141.5 | 129.7 | 13.188 | 8.464 | 32.7 | 15.670 | 18.3 | 12.470 | 0.199 | 0.931 | 78.0 | 0.952 | 13.6 | 0.697 | 0.678 | 44.2 | 0.972 |
| 248639.1 | 843140.8 | 129.7 | 13.038 | 8.371 | 32.7 | 15.494 | 18.6 | 12.330 | 0.187 | 0.921 | 78.5 | 0.940 | 13.8 | 0.710 | 0.661 | 42.9 | 0.970 |
| 248638.4 | 843140.1 | 129.7 | 12.894 | 8.281 | 32.7 | 15.324 | 18.9 | 12.195 | 0.177 | 0.911 | 79.0 | 0.928 | 14.0 | 0.724 | 0.644 | 41.6 | 0.969 |
| 248637.7 | 843139.3 | 129.7 | 12.749 | 8.192 | 32.7 | 15.154 | 19.1 | 12.059 | 0.167 | 0.902 | 79.5 | 0.917 | 14.1 | 0.740 | 0.622 | 40.1 | 0.966 |
| 248637.0 | 843138.6 | 129.7 | 12.603 | 8.102 | 32.7 | 14.982 | 19.4 | 11.923 | 0.157 | 0.893 | 80.0 | 0.907 | 14.1 | 0.756 | 0.593 | 38.1 | 0.961 |
| 248636.3 | 843137.9 | 129.6 | 12.464 | 8.018 | 32.8 | 14.820 | 19.7 | 11.793 | 0.148 | 0.885 | 80.5 | 0.897 | 14.1 | 0.772 | 0.565 | 36.2 | 0.957 |
| 248635.6 | 843137.2 | 129.7 | 12.353 | 7.952 | 32.8 | 14.691 | 19.9 | 11.691 | 0.143 | 0.878 | 80.7 | 0.889 | 14.4 | 0.788 | 0.554 | 35.1 | 0.963 |
| 248634.9 | 843136.5 | 129.7 | 12.294 | 7.920 | 32.8 | 14.624 | 20.2 | 11.638 | 0.144 | 0.871 | 80.6 | 0.883 | 15.3 | 0.802 | 0.582 | 36.0 | 0.991 |
| 248634.2 | 843135.7 | 129.8 | 12.243 | 7.894 | 32.8 | 14.567 | 20.4 | 11.592 | 0.147 | 0.866 | 80.3 | 0.879 | 16.2 | 0.817 | 0.611 | 36.8 | 1.020 |
| 248633.5 | 843135.0 | 129.8 | 12.208 | 7.877 | 32.8 | 14.528 | 20.6 | 11.561 | 0.152 | 0.861 | 80.0 | 0.875 | 17.1 | 0.833 | 0.644 | 37.7 | 1.053 |
| 248632.8 | 843134.3 | 129.8 | 12.150 | 7.845 | 32.9 | 14.462 | 20.8 | 11.509 | 0.154 | 0.857 | 79.8 | 0.871 | 17.7 | 0.852 | 0.650 | 37.3 | 1.072 |
| 248632.1 | 843133.6 | 129.9 | 12.108 | 7.823 | 32.9 | 14.415 | 20.9 | 11.471 | 0.157 | 0.854 | 79.6 | 0.868 | 18.3 | 0.872 | 0.662 | 37.2 | 1.094 |
| 248631.4 | 843132.9 | 129.9 | 12.071 | 7.803 | 32.9 | 14.373 | 21.1 | 11.438 | 0.160 | 0.852 | 79.3 | 0.867 | 18.8 | 0.892 | 0.669 | 36.9 | 1.115 |

Max EF along centerline is 2.524 (kV/m) at 45.000 (m) from structure [redacted]-6

Cross section results at max EF along centerline between structures [redacted]-6 and [redacted]-7




3D EMF Point Results Span from [redacted]-6 to [redacted]-7:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) | |
| 248817.7 | 843303.2 | 119.2 | 12.350 | 7.906 | 32.6 | 14.663 | 4.0 | 11.669 | 0.147 | 0.214 | 55.5 | 0.260 | 29.6 | -0.444 | 0.034 | -4.4 | 0.445 | |
| 248817.0 | 843303.9 | 119.1 | 12.706 | 8.200 | 32.8 | 15.122 | 3.7 | 12.034 | 0.188 | 0.261 | 54.2 | 0.321 | 24.5 | -0.571 | 0.108 | -10.7 | 0.582 | |
| 248816.3 | 843304.6 | 118.9 | 13.032 | 8.474 | 33.0 | 15.545 | 3.3 | 12.370 | 0.232 | 0.313 | 53.4 | 0.390 | 20.4 | -0.694 | 0.150 | -12.2 | 0.710 | |
| 248815.6 | 843305.3 | 118.8 | 13.428 | 8.811 | 33.3 | 16.061 | 3.0 | 12.781 | 0.285 | 0.371 | 52.5 | 0.468 | 17.5 | -0.847 | 0.231 | -15.3 | 0.878 | |
| 248814.8 | 843306.0 | 118.9 | 13.939 | 9.245 | 33.6 | 16.726 | 2.8 | 13.310 | 0.346 | 0.436 | 51.5 | 0.556 | 15.4 | -1.061 | 0.396 | -20.5 | 1.133 | |
| 248814.1 | 843306.7 | 118.9 | 14.418 | 9.665 | 33.8 | 17.357 | 2.5 | 13.813 | 0.412 | 0.509 | 51.0 | 0.655 | 13.4 | -1.268 | 0.529 | -22.7 | 1.374 | |
| 248813.4 | 843307.4 | 118.8 | 14.933 | 10.125 | 34.1 | 18.042 | 2.2 | 14.357 | 0.486 | 0.591 | 50.6 | 0.765 | 11.7 | -1.500 | 0.686 | -24.6 | 1.649 | |
| 248812.7 | 843308.1 | 118.8 | 15.490 | 10.632 | 34.5 | 18.788 | 1.8 | 14.951 | 0.568 | 0.684 | 50.3 | 0.889 | 10.2 | -1.762 | 0.875 | -26.4 | 1.967 | |
| 248812.0 | 843308.8 | 118.8 | 16.080 | 11.182 | 34.8 | 19.586 | 1.5 | 15.586 | 0.659 | 0.789 | 50.1 | 1.028 | 8.9 | -2.051 | 1.090 | -28.0 | 2.322 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248811.2 | 843309.5 | 118.7 | 16.702 | 11.776 | 35.2 | 20.435 | 1.1 | 16.262 | 0.760 | 0.906 | 50.0 | 1.183 | 7.7 | -2.365 | 1.333 | -29.4 | 2.715 |
| 248810.5 | 843310.2 | 118.7 | 17.317 | 12.384 | 35.6 | 21.289 | 0.6 | 16.941 | 0.869 | 1.038 | 50.0 | 1.354 | 6.7 | -2.677 | 1.570 | -30.4 | 3.103 |
| 248809.8 | 843310.9 | 118.6 | 17.973 | 13.047 | 36.0 | 22.209 | 0.3 | 17.673 | 0.990 | 1.184 | 50.1 | 1.543 | 5.8 | -3.024 | 1.850 | -31.5 | 3.545 |
| 248809.1 | 843311.6 | 118.6 | 18.665 | 13.765 | 36.4 | 23.192 | 0.6 | 18.455 | 1.121 | 1.345 | 50.2 | 1.751 | 5.0 | -3.406 | 2.175 | -32.6 | 4.041 |
| 248808.4 | 843312.3 | 118.6 | 19.375 | 14.522 | 36.9 | 24.213 | 1.1 | 19.268 | 1.262 | 1.521 | 50.3 | 1.976 | 4.4 | -3.811 | 2.531 | -33.6 | 4.575 |
| 248807.7 | 843313.0 | 118.6 | 20.093 | 15.312 | 37.3 | 25.262 | 1.8 | 20.103 | 1.411 | 1.711 | 50.5 | 2.218 | 3.8 | -4.234 | 2.913 | -34.5 | 5.139 |
| 248806.9 | 843313.7 | 118.5 | 20.771 | 16.091 | 37.8 | 26.275 | 2.6 | 20.909 | 1.568 | 1.912 | 50.7 | 2.472 | 3.3 | -4.637 | 3.274 | -35.2 | 5.676 |
| 248806.2 | 843314.4 | 118.4 | 21.321 | 16.770 | 38.2 | 27.125 | 3.5 | 21.586 | 1.726 | 2.119 | 50.8 | 2.732 | 3.0 | -4.938 | 3.513 | -35.4 | 6.060 |
| 248805.5 | 843315.1 | 118.3 | 21.821 | 17.419 | 38.6 | 27.921 | 4.5 | 22.219 | 1.884 | 2.327 | 51.0 | 2.994 | 2.7 | -5.219 | 3.728 | -35.5 | 6.414 |
| 248804.8 | 843315.8 | 118.2 | 22.224 | 17.990 | 39.0 | 28.592 | 5.6 | 22.753 | 2.039 | 2.528 | 51.1 | 3.248 | 2.5 | -5.441 | 3.871 | -35.4 | 6.678 |
| 248804.1 | 843316.5 | 118.1 | 22.498 | 18.442 | 39.3 | 29.090 | 6.8 | 23.149 | 2.183 | 2.713 | 51.2 | 3.482 | 2.4 | -5.582 | 3.910 | -35.0 | 6.815 |
| 248803.3 | 843317.2 | 118.0 | 22.684 | 18.813 | 39.7 | 29.470 | 8.0 | 23.452 | 2.314 | 2.874 | 51.2 | 3.689 | 2.4 | -5.691 | 3.908 | -34.5 | 6.904 |
| 248802.6 | 843317.9 | 117.9 | 22.676 | 18.985 | 39.9 | 29.575 | 9.4 | 23.535 | 2.422 | 2.997 | 51.1 | 3.853 | 2.3 | -5.668 | 3.736 | -33.4 | 6.789 |
| 248801.9 | 843318.6 | 117.8 | 22.552 | 19.035 | 40.2 | 29.511 | 10.7 | 23.484 | 2.505 | 3.077 | 50.8 | 3.968 | 2.3 | -5.599 | 3.505 | -32.0 | 6.605 |
| 248801.2 | 843319.2 | 117.6 | 22.275 | 18.917 | 40.3 | 29.224 | 12.2 | 23.255 | 2.558 | 3.106 | 50.5 | 4.024 | 2.3 | -5.447 | 3.171 | -30.2 | 6.303 |
| 248800.5 | 843319.9 | 117.4 | 21.644 | 18.408 | 40.4 | 28.413 | 13.6 | 22.611 | 2.574 | 3.076 | 50.1 | 4.011 | 2.2 | -4.974 | 2.456 | -26.3 | 5.547 |
| 248799.8 | 843320.6 | 117.2 | 20.898 | 17.760 | 40.4 | 27.425 | 15.1 | 21.824 | 2.559 | 2.994 | 49.5 | 3.939 | 2.0 | -4.430 | 1.679 | -20.8 | 4.737 |
| 248799.0 | 843321.3 | 116.9 | 19.828 | 16.745 | 40.2 | 25.953 | 16.5 | 20.653 | 2.511 | 2.863 | 48.8 | 3.808 | 1.6 | -3.527 | 0.524 | -8.5 | 3.566 |
| 248798.3 | 843322.0 | 116.3 | 18.396 | 15.326 | 39.8 | 23.944 | 17.9 | 19.054 | 2.437 | 2.700 | 47.9 | 3.637 | 0.9 | -2.119 | -1.127 | 28.0 | 2.401 |
| 248797.6 | 843322.7 | 115.8 | 17.103 | 14.055 | 39.4 | 22.137 | 19.1 | 17.616 | 2.349 | 2.520 | 47.0 | 3.445 | 1.3 | -0.862 | -2.505 | 71.0 | 2.649 |
| 248796.9 | 843323.4 | 115.5 | 16.238 | 13.237 | 39.2 | 20.950 | 20.3 | 16.671 | 2.243 | 2.313 | 45.9 | 3.222 | 2.1 | -0.286 | -3.056 | 84.7 | 3.069 |
| 248796.2 | 843324.1 | 115.1 | 15.246 | 12.282 | 38.9 | 19.578 | 21.4 | 15.579 | 2.124 | 2.100 | 44.7 | 2.987 | 3.6 | 0.480 | -3.727 | -82.7 | 3.758 |

Centerline results between structures [redacted]-7 and [redacted]-8

**3D EMF Point Results Centerline from [redacted]-7 to [redacted]-8:**

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248630.5 | 843132.0 | 129.9 | 12.042 | 7.789 | 32.9 | 14.341 | 21.3 | 11.412 | 0.165 | 0.850 | 79.0 | 0.865 | 19.5 | 0.918 | 0.681 | 36.6 | 1.143 |
| 248629.8 | 843131.2 | 129.9 | 11.984 | 7.754 | 32.9 | 14.274 | 21.4 | 11.359 | 0.164 | 0.848 | 79.1 | 0.864 | 19.3 | 0.938 | 0.651 | 34.8 | 1.142 |
| 248629.1 | 843130.5 | 129.9 | 11.986 | 7.757 | 32.9 | 14.277 | 21.5 | 11.361 | 0.169 | 0.848 | 78.8 | 0.865 | 19.9 | 0.959 | 0.663 | 34.7 | 1.166 |
| 248628.4 | 843129.8 | 130.0 | 12.026 | 7.783 | 32.9 | 14.325 | 21.6 | 11.399 | 0.177 | 0.849 | 78.2 | 0.868 | 20.8 | 0.980 | 0.700 | 35.5 | 1.204 |
| 248627.7 | 843129.1 | 129.9 | 11.955 | 7.736 | 32.9 | 14.240 | 21.7 | 11.332 | 0.171 | 0.850 | 78.6 | 0.867 | 19.9 | 0.998 | 0.635 | 32.5 | 1.183 |
| 248627.0 | 843128.4 | 129.9 | 12.000 | 7.764 | 32.9 | 14.293 | 21.7 | 11.374 | 0.177 | 0.852 | 78.2 | 0.870 | 20.7 | 1.019 | 0.660 | 32.9 | 1.214 |
| 248626.3 | 843127.7 | 130.0 | 12.067 | 7.806 | 32.9 | 14.372 | 21.7 | 11.437 | 0.186 | 0.854 | 77.7 | 0.874 | 21.6 | 1.040 | 0.698 | 33.9 | 1.253 |
| 248625.6 | 843126.9 | 130.0 | 12.138 | 7.849 | 32.9 | 14.454 | 21.7 | 11.502 | 0.194 | 0.857 | 77.3 | 0.879 | 22.4 | 1.061 | 0.732 | 34.6 | 1.289 |
| 248625.0 | 843126.2 | 129.9 | 12.150 | 7.853 | 32.9 | 14.467 | 21.7 | 11.512 | 0.194 | 0.860 | 77.3 | 0.882 | 22.3 | 1.079 | 0.712 | 33.4 | 1.293 |
| 248624.3 | 843125.5 | 129.9 | 12.169 | 7.861 | 32.9 | 14.487 | 21.7 | 11.529 | 0.194 | 0.863 | 77.4 | 0.885 | 22.1 | 1.096 | 0.694 | 32.3 | 1.297 |
| 248623.6 | 843124.8 | 129.9 | 12.197 | 7.874 | 32.8 | 14.518 | 21.7 | 11.553 | 0.194 | 0.867 | 77.4 | 0.888 | 22.1 | 1.112 | 0.679 | 31.4 | 1.303 |
| 248622.9 | 843124.1 | 129.8 | 12.232 | 7.892 | 32.8 | 14.557 | 21.7 | 11.584 | 0.194 | 0.870 | 77.4 | 0.892 | 22.0 | 1.128 | 0.667 | 30.6 | 1.310 |
| 248622.2 | 843123.3 | 129.8 | 12.275 | 7.913 | 32.8 | 14.604 | 21.6 | 11.622 | 0.195 | 0.874 | 77.4 | 0.895 | 22.0 | 1.143 | 0.658 | 29.9 | 1.319 |
| 248621.5 | 843122.6 | 129.7 | 12.325 | 7.940 | 32.8 | 14.662 | 21.6 | 11.667 | 0.197 | 0.877 | 77.3 | 0.899 | 22.1 | 1.158 | 0.655 | 29.5 | 1.331 |
| 248620.8 | 843121.9 | 129.7 | 12.399 | 7.982 | 32.8 | 14.746 | 21.5 | 11.734 | 0.201 | 0.881 | 77.1 | 0.904 | 22.5 | 1.173 | 0.669 | 29.7 | 1.351 |
| 248620.1 | 843121.2 | 129.7 | 12.485 | 8.032 | 32.8 | 14.845 | 21.5 | 11.814 | 0.207 | 0.885 | 76.9 | 0.909 | 23.0 | 1.188 | 0.694 | 30.3 | 1.376 |
| 248619.4 | 843120.5 | 129.7 | 12.546 | 8.065 | 32.7 | 14.915 | 21.4 | 11.869 | 0.209 | 0.888 | 76.8 | 0.912 | 23.2 | 1.201 | 0.698 | 30.1 | 1.389 |
| 248618.7 | 843119.8 | 129.6 | 12.581 | 8.081 | 32.7 | 14.953 | 21.4 | 11.899 | 0.208 | 0.891 | 76.9 | 0.915 | 23.0 | 1.212 | 0.681 | 29.3 | 1.390 |
| 248618.0 | 843119.0 | 129.5 | 12.618 | 8.100 | 32.7 | 14.994 | 21.3 | 11.932 | 0.208 | 0.894 | 76.9 | 0.918 | 22.9 | 1.222 | 0.668 | 28.7 | 1.392 |
| 248617.3 | 843118.3 | 129.4 | 12.648 | 8.113 | 32.7 | 15.027 | 21.3 | 11.958 | 0.206 | 0.896 | 77.0 | 0.920 | 22.7 | 1.231 | 0.651 | 27.9 | 1.392 |
| 248616.6 | 843117.6 | 129.4 | 12.679 | 8.128 | 32.7 | 15.061 | 21.2 | 11.985 | 0.205 | 0.899 | 77.1 | 0.922 | 22.5 | 1.239 | 0.637 | 27.2 | 1.393 |
| 248615.9 | 843116.9 | 129.3 | 12.711 | 8.144 | 32.6 | 15.096 | 21.2 | 12.013 | 0.205 | 0.901 | 77.2 | 0.924 | 22.4 | 1.247 | 0.625 | 26.6 | 1.395 |
| 248615.2 | 843116.2 | 129.2 | 12.744 | 8.160 | 32.6 | 15.133 | 21.1 | 12.042 | 0.205 | 0.902 | 77.2 | 0.925 | 22.3 | 1.253 | 0.617 | 26.2 | 1.397 |
| 248614.5 | 843115.4 | 129.1 | 12.740 | 8.153 | 32.6 | 15.125 | 21.1 | 12.036 | 0.200 | 0.903 | 77.5 | 0.925 | 21.8 | 1.258 | 0.582 | 24.8 | 1.386 |
| 248613.8 | 843114.7 | 129.0 | 12.735 | 8.146 | 32.6 | 15.117 | 21.1 | 12.030 | 0.196 | 0.904 | 77.8 | 0.925 | 21.3 | 1.262 | 0.549 | 23.5 | 1.376 |
| 248613.1 | 843114.0 | 128.9 | 12.730 | 8.139 | 32.6 | 15.110 | 21.0 | 12.024 | 0.192 | 0.905 | 78.0 | 0.925 | 20.8 | 1.265 | 0.519 | 22.3 | 1.367 |
| 248612.4 | 843113.3 | 128.8 | 12.725 | 8.132 | 32.6 | 15.102 | 21.0 | 12.018 | 0.189 | 0.905 | 78.2 | 0.925 | 20.4 | 1.267 | 0.491 | 21.2 | 1.359 |
| 248611.7 | 843112.6 | 128.6 | 12.720 | 8.125 | 32.6 | 15.094 | 21.0 | 12.011 | 0.185 | 0.905 | 78.4 | 0.924 | 20.0 | 1.269 | 0.466 | 20.2 | 1.352 |
| 248611.0 | 843111.9 | 128.5 | 12.715 | 8.118 | 32.6 | 15.086 | 21.0 | 12.005 | 0.182 | 0.905 | 78.6 | 0.923 | 19.7 | 1.271 | 0.443 | 19.2 | 1.346 |
| 248610.3 | 843111.1 | 128.4 | 12.707 | 8.110 | 32.5 | 15.074 | 21.0 | 11.996 | 0.179 | 0.905 | 78.8 | 0.922 | 19.3 | 1.272 | 0.421 | 18.3 | 1.339 |
| 248609.6 | 843110.4 | 128.3 | 12.697 | 8.101 | 32.5 | 15.061 | 20.9 | 11.985 | 0.177 | 0.904 | 79.0 | 0.921 | 19.0 | 1.272 | 0.399 | 17.4 | 1.333 |
| 248608.9 | 843109.7 | 128.2 | 12.692 | 8.095 | 32.5 | 15.054 | 20.9 | 11.979 | 0.174 | 0.904 | 79.1 | 0.920 | 18.7 | 1.272 | 0.384 | 16.8 | 1.329 |
| 248608.2 | 843109.0 | 128.1 | 12.669 | 8.078 | 32.5 | 15.025 | 20.9 | 11.957 | 0.170 | 0.903 | 79.3 | 0.919 | 18.3 | 1.271 | 0.356 | 15.7 | 1.320 |
| 248607.6 | 843108.3 | 128.0 | 12.665 | 8.073 | 32.5 | 15.020 | 20.9 | 11.952 | 0.169 | 0.902 | 79.4 | 0.918 | 18.1 | 1.271 | 0.346 | 15.2 | 1.317 |
| 248606.9 | 843107.5 | 127.9 | 12.665 | 8.071 | 32.5 | 15.018 | 20.9 | 11.951 | 0.168 | 0.901 | 79.4 | 0.917 | 18.0 | 1.271 | 0.341 | 15.0 | 1.316 |
| 248606.2 | 843106.8 | 127.7 | 12.664 | 8.068 | 32.5 | 15.016 | 20.9 | 11.949 | 0.168 | 0.900 | 79.5 | 0.916 | 17.9 | 1.270 | 0.336 | 14.8 | 1.314 |
| 248605.5 | 843106.1 | 127.6 | 12.662 | 8.065 | 32.5 | 15.012 | 20.9 | 11.946 | 0.167 | 0.899 | 79.5 | 0.915 | 17.9 | 1.270 | 0.332 | 14.7 | 1.312 |
| 248604.8 | 843105.4 | 127.5 | 12.659 | 8.062 | 32.5 | 15.008 | 20.9 | 11.943 | 0.166 | 0.898 | 79.5 | 0.914 | 17.8 | 1.269 | 0.329 | 14.6 | 1.311 |
| 248604.1 | 843104.7 | 127.4 | 12.655 | 8.058 | 32.5 | 15.003 | 20.9 | 11.939 | 0.166 | 0.897 | 79.5 | 0.913 | 17.8 | 1.268 | 0.327 | 14.5 | 1.310 |
| 248603.4 | 843104.0 | 127.3 | 12.651 | 8.054 | 32.5 | 14.997 | 20.8 | 11.934 | 0.165 | 0.896 | 79.5 | 0.911 | 17.8 | 1.267 | 0.325 | 14.4 | 1.308 |
| 248602.7 | 843103.2 | 127.2 | 12.646 | 8.049 | 32.5 | 14.990 | 20.8 | 11.929 | 0.165 | 0.895 | 79.6 | 0.910 | 17.7 | 1.266 | 0.324 | 14.3 | 1.307 |
| 248602.0 | 843102.5 | 127.1 | 12.639 | 8.044 | 32.5 | 14.982 | 20.8 | 11.922 | 0.165 | 0.894 | 79.6 | 0.909 | 17.7 | 1.265 | 0.323 | 14.3 | 1.306 |
| 248601.3 | 843101.8 | 127.0 | 12.632 | 8.038 | 32.5 | 14.973 | 20.8 | 11.915 | 0.164 | 0.893 | 79.6 | 0.908 | 17.7 | 1.264 | 0.322 | 14.3 | 1.305 |
| 248600.6 | 843101.1 | 126.9 | 12.620 | 8.029 | 32.5 | 14.958 | 20.8 | 11.903 | 0.164 | 0.892 | 79.6 | 0.907 | 17.6 | 1.263 | 0.317 | 14.1 | 1.302 |
| 248599.9 | 843100.4 | 126.8 | 12.621 | 8.029 | 32.5 | 14.958 | 20.8 | 11.903 | 0.164 | 0.891 | 79.5 | 0.907 | 17.7 | 1.263 | 0.324 | 14.4 | 1.304 |
| 248599.2 | 843099.6 | 126.7 | 12.608 | 8.020 | 32.5 | 14.943 | 20.8 | 11.891 | 0.164 | 0.890 | 79.6 | 0.905 | 17.7 | 1.261 | 0.321 | 14.3 | 1.302 |
| 248598.5 | 843098.9 | 126.6 | 12.592 | 8.009 | 32.5 | 14.923 | 20.8 | 11.876 | 0.163 | 0.889 | 79.6 | 0.904 | 17.6 | 1.260 | 0.316 | 14.1 | 1.299 |
| 248597.8 | 843098.2 | 126.5 | 12.576 | 7.998 | 32.5 | 14.903 | 20.8 | 11.860 | 0.162 | 0.888 | 79.7 | 0.903 | 17.5 | 1.259 | 0.312 | 13.9 | 1.297 |
| 248597.1 | 843097.5 | 126.4 | 12.558 | 7.986 | 32.5 | 14.883 | 20.8 | 11.843 | 0.161 | 0.887 | 79.7 | 0.902 | 17.4 | 1.257 | 0.307 | 13.7 | 1.294 |
| 248596.4 | 843096.8 | 126.3 | 12.540 | 7.974 | 32.5 | 14.861 | 20.8 | 11.826 | 0.160 | 0.886 | 79.7 | 0.901 | 17.3 | 1.256 | 0.302 | 13.5 | 1.291 |
| 248595.7 | 843096.1 | 126.2 | 12.521 | 7.961 | 32.4 | 14.838 | 20.8 | 11.808 | 0.160 | 0.885 | 79.8 | 0.900 | 17.2 | 1.254 | 0.298 | 13.4 | 1.289 |
| 248595.0 | 843095.3 | 126.0 | 12.500 | 7.947 | 32.4 | 14.813 | 20.8 | 11.788 | 0.159 | 0.884 | 79.8 | 0.898 | 17.1 | 1.252 | 0.292 | 13.1 | 1.285 |
| 248594.3 | 843094.6 | 125.9 | 12.477 | 7.932 | 32.4 | 14.785 | 20.9 | 11.765 | 0.157 | 0.883 | 79.9 | 0.897 | 17.0 | 1.249 | 0.285 | 12.9 | 1.282 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248593.6 | 843093.9 | 125.8 | 12.453 | 7.916 | 32.4 | 14.756 | 20.9 | 11.743 | 0.156 | 0.882 | 80.0 | 0.895 | 16.8 | 1.247 | 0.279 | 12.6 | 1.278 |
| 248592.9 | 843093.2 | 125.7 | 12.429 | 7.900 | 32.4 | 14.727 | 20.9 | 11.719 | 0.155 | 0.881 | 80.0 | 0.894 | 16.7 | 1.244 | 0.272 | 12.3 | 1.274 |
| 248592.2 | 843092.5 | 125.6 | 12.403 | 7.883 | 32.4 | 14.696 | 20.9 | 11.695 | 0.154 | 0.879 | 80.1 | 0.893 | 16.6 | 1.241 | 0.265 | 12.1 | 1.269 |
| 248591.5 | 843091.8 | 125.5 | 12.377 | 7.866 | 32.4 | 14.665 | 20.9 | 11.670 | 0.153 | 0.878 | 80.1 | 0.891 | 16.4 | 1.238 | 0.258 | 11.8 | 1.265 |
| 248590.8 | 843091.0 | 125.4 | 12.350 | 7.849 | 32.4 | 14.633 | 20.9 | 11.645 | 0.151 | 0.877 | 80.2 | 0.889 | 16.3 | 1.235 | 0.251 | 11.5 | 1.260 |
| 248590.2 | 843090.3 | 125.3 | 12.321 | 7.830 | 32.4 | 14.598 | 20.9 | 11.617 | 0.150 | 0.875 | 80.3 | 0.888 | 16.1 | 1.231 | 0.243 | 11.2 | 1.255 |
| 248589.5 | 843089.6 | 125.2 | 12.299 | 7.816 | 32.4 | 14.572 | 20.9 | 11.596 | 0.149 | 0.874 | 80.3 | 0.886 | 16.1 | 1.228 | 0.241 | 11.1 | 1.251 |
| 248588.8 | 843088.9 | 125.0 | 12.276 | 7.801 | 32.4 | 14.545 | 20.9 | 11.575 | 0.149 | 0.872 | 80.3 | 0.885 | 16.0 | 1.224 | 0.238 | 11.0 | 1.247 |
| 248588.1 | 843088.2 | 124.9 | 12.253 | 7.786 | 32.4 | 14.517 | 20.9 | 11.552 | 0.148 | 0.871 | 80.4 | 0.883 | 15.9 | 1.220 | 0.236 | 10.9 | 1.243 |
| 248587.4 | 843087.4 | 124.8 | 12.228 | 7.770 | 32.4 | 14.488 | 21.0 | 11.529 | 0.147 | 0.869 | 80.4 | 0.882 | 15.8 | 1.216 | 0.233 | 10.8 | 1.238 |
| 248586.7 | 843086.7 | 124.7 | 12.203 | 7.754 | 32.4 | 14.458 | 21.0 | 11.506 | 0.146 | 0.868 | 80.4 | 0.880 | 15.7 | 1.212 | 0.230 | 10.7 | 1.234 |
| 248586.0 | 843086.0 | 124.6 | 12.178 | 7.738 | 32.4 | 14.428 | 21.0 | 11.481 | 0.145 | 0.866 | 80.5 | 0.879 | 15.6 | 1.208 | 0.226 | 10.6 | 1.229 |
| 248585.3 | 843085.3 | 124.5 | 12.151 | 7.721 | 32.4 | 14.397 | 21.0 | 11.456 | 0.144 | 0.865 | 80.5 | 0.877 | 15.5 | 1.203 | 0.222 | 10.5 | 1.223 |
| 248584.6 | 843084.6 | 124.4 | 12.124 | 7.703 | 32.4 | 14.364 | 21.0 | 11.431 | 0.143 | 0.863 | 80.6 | 0.875 | 15.4 | 1.198 | 0.218 | 10.3 | 1.218 |
| 248583.9 | 843083.9 | 124.3 | 12.097 | 7.685 | 32.4 | 14.332 | 21.0 | 11.405 | 0.142 | 0.862 | 80.6 | 0.874 | 15.3 | 1.193 | 0.213 | 10.1 | 1.212 |
| 248583.2 | 843083.1 | 124.2 | 12.068 | 7.667 | 32.4 | 14.298 | 21.0 | 11.378 | 0.141 | 0.861 | 80.7 | 0.872 | 15.1 | 1.188 | 0.207 | 9.9 | 1.206 |
| 248582.5 | 843082.4 | 124.1 | 12.039 | 7.649 | 32.4 | 14.263 | 21.0 | 11.350 | 0.140 | 0.859 | 80.7 | 0.870 | 15.0 | 1.183 | 0.201 | 9.7 | 1.200 |
| 248581.8 | 843081.7 | 124.0 | 12.009 | 7.630 | 32.4 | 14.228 | 21.1 | 11.322 | 0.139 | 0.858 | 80.8 | 0.869 | 14.8 | 1.178 | 0.195 | 9.4 | 1.194 |
| 248581.1 | 843081.0 | 123.9 | 11.979 | 7.610 | 32.4 | 14.192 | 21.1 | 11.294 | 0.137 | 0.856 | 80.9 | 0.867 | 14.6 | 1.172 | 0.188 | 9.1 | 1.187 |
| 248580.4 | 843080.3 | 123.8 | 11.948 | 7.591 | 32.4 | 14.155 | 21.1 | 11.264 | 0.136 | 0.855 | 81.0 | 0.865 | 14.4 | 1.167 | 0.180 | 8.8 | 1.181 |
| 248579.7 | 843079.5 | 123.7 | 11.917 | 7.570 | 32.4 | 14.118 | 21.1 | 11.235 | 0.134 | 0.853 | 81.0 | 0.864 | 14.2 | 1.161 | 0.171 | 8.4 | 1.173 |
| 248579.0 | 843078.8 | 123.6 | 11.884 | 7.550 | 32.4 | 14.080 | 21.1 | 11.204 | 0.133 | 0.852 | 81.1 | 0.862 | 14.0 | 1.155 | 0.162 | 8.0 | 1.166 |
| 248578.3 | 843078.1 | 123.5 | 11.852 | 7.529 | 32.4 | 14.041 | 21.1 | 11.173 | 0.131 | 0.850 | 81.2 | 0.860 | 13.8 | 1.148 | 0.152 | 7.5 | 1.158 |
| 248577.6 | 843077.4 | 123.3 | 11.818 | 7.508 | 32.4 | 14.001 | 21.1 | 11.142 | 0.129 | 0.849 | 81.3 | 0.859 | 13.5 | 1.142 | 0.141 | 7.0 | 1.151 |
| 248576.9 | 843076.7 | 123.2 | 11.759 | 7.470 | 32.4 | 13.931 | 21.2 | 11.086 | 0.125 | 0.847 | 81.6 | 0.857 | 12.9 | 1.133 | 0.109 | 5.5 | 1.139 |
| 248576.2 | 843076.0 | 123.2 | 11.782 | 7.485 | 32.4 | 13.959 | 21.2 | 11.108 | 0.129 | 0.847 | 81.4 | 0.856 | 13.5 | 1.130 | 0.144 | 7.2 | 1.139 |
| 248575.5 | 843075.2 | 123.1 | 11.818 | 7.508 | 32.4 | 14.002 | 21.2 | 11.142 | 0.134 | 0.846 | 81.0 | 0.856 | 14.2 | 1.127 | 0.188 | 9.5 | 1.143 |
| 248574.8 | 843074.5 | 123.1 | 11.854 | 7.531 | 32.4 | 14.044 | 21.1 | 11.175 | 0.139 | 0.845 | 80.7 | 0.856 | 14.9 | 1.124 | 0.231 | 11.6 | 1.147 |
| 248574.1 | 843073.8 | 123.1 | 11.903 | 7.562 | 32.4 | 14.102 | 21.1 | 11.222 | 0.146 | 0.845 | 80.2 | 0.857 | 15.8 | 1.121 | 0.285 | 14.3 | 1.157 |
| 248573.4 | 843073.1 | 122.9 | 11.825 | 7.513 | 32.4 | 14.010 | 21.2 | 11.149 | 0.139 | 0.843 | 80.7 | 0.854 | 14.9 | 1.110 | 0.236 | 12.0 | 1.135 |
| 248572.7 | 843072.4 | 122.8 | 11.735 | 7.455 | 32.4 | 13.902 | 21.2 | 11.063 | 0.131 | 0.841 | 81.2 | 0.851 | 13.7 | 1.097 | 0.176 | 9.1 | 1.111 |
| 248572.1 | 843071.6 | 122.6 | 11.645 | 7.398 | 32.4 | 13.796 | 21.2 | 10.979 | 0.123 | 0.839 | 81.7 | 0.848 | 12.6 | 1.084 | 0.115 | 6.1 | 1.090 |
| 248571.4 | 843070.9 | 122.5 | 11.573 | 7.352 | 32.4 | 13.711 | 21.3 | 10.911 | 0.117 | 0.838 | 82.1 | 0.846 | 11.6 | 1.072 | 0.068 | 3.6 | 1.074 |
| 248570.7 | 843070.2 | 122.4 | 11.555 | 7.340 | 32.4 | 13.690 | 21.3 | 10.894 | 0.116 | 0.837 | 82.1 | 0.845 | 11.5 | 1.062 | 0.064 | 3.4 | 1.064 |
| 248570.0 | 843069.5 | 122.3 | 11.537 | 7.329 | 32.4 | 13.668 | 21.3 | 10.876 | 0.115 | 0.836 | 82.2 | 0.844 | 11.3 | 1.052 | 0.059 | 3.2 | 1.054 |
| 248569.3 | 843068.8 | 122.2 | 11.517 | 7.316 | 32.4 | 13.645 | 21.3 | 10.858 | 0.114 | 0.835 | 82.2 | 0.843 | 11.1 | 1.042 | 0.052 | 2.8 | 1.043 |
| 248568.6 | 843068.1 | 122.1 | 11.497 | 7.304 | 32.4 | 13.621 | 21.3 | 10.839 | 0.113 | 0.834 | 82.3 | 0.842 | 10.9 | 1.030 | 0.043 | 2.4 | 1.031 |
| 248567.9 | 843067.3 | 122.1 | 11.486 | 7.297 | 32.4 | 13.608 | 21.3 | 10.829 | 0.112 | 0.834 | 82.3 | 0.841 | 10.7 | 1.019 | 0.041 | 2.3 | 1.020 |
| 248567.2 | 843066.6 | 122.0 | 11.507 | 7.310 | 32.4 | 13.633 | 21.3 | 10.849 | 0.115 | 0.833 | 82.2 | 0.841 | 11.0 | 1.009 | 0.063 | 3.6 | 1.011 |
| 248566.5 | 843065.9 | 122.0 | 11.530 | 7.325 | 32.4 | 13.660 | 21.3 | 10.871 | 0.117 | 0.833 | 82.0 | 0.841 | 11.3 | 0.999 | 0.087 | 4.9 | 1.003 |
| 248565.8 | 843065.2 | 121.9 | 11.553 | 7.340 | 32.4 | 13.687 | 21.3 | 10.892 | 0.119 | 0.833 | 81.9 | 0.842 | 11.6 | 0.989 | 0.108 | 6.2 | 0.994 |
| 248565.1 | 843064.5 | 121.9 | 11.575 | 7.354 | 32.4 | 13.713 | 21.3 | 10.913 | 0.121 | 0.833 | 81.7 | 0.842 | 11.8 | 0.977 | 0.126 | 7.4 | 0.985 |
| 248564.4 | 843063.7 | 121.8 | 11.538 | 7.331 | 32.4 | 13.670 | 21.3 | 10.878 | 0.117 | 0.833 | 82.0 | 0.841 | 11.1 | 0.961 | 0.096 | 5.7 | 0.966 |
| 248563.7 | 843063.0 | 121.7 | 11.491 | 7.301 | 32.4 | 13.614 | 21.3 | 10.834 | 0.113 | 0.832 | 82.3 | 0.840 | 10.2 | 0.943 | 0.054 | 3.3 | 0.945 |
| 248563.0 | 843062.3 | 121.6 | 11.444 | 7.270 | 32.4 | 13.558 | 21.4 | 10.789 | 0.109 | 0.832 | 82.6 | 0.839 | 9.3 | 0.925 | 0.011 | 0.7 | 0.925 |
| 248562.3 | 843061.6 | 121.5 | 11.412 | 7.250 | 32.4 | 13.520 | 21.4 | 10.759 | 0.106 | 0.832 | 82.7 | 0.839 | 8.6 | 0.907 | -0.022 | -1.4 | 0.907 |
| 248561.6 | 843060.9 | 121.5 | 11.439 | 7.268 | 32.4 | 13.552 | 21.4 | 10.784 | 0.107 | 0.833 | 82.7 | 0.840 | 8.7 | 0.893 | -0.008 | -0.5 | 0.893 |
| 248560.9 | 843060.2 | 121.4 | 11.469 | 7.287 | 32.4 | 13.588 | 21.4 | 10.813 | 0.109 | 0.834 | 82.6 | 0.841 | 8.7 | 0.879 | 0.006 | 0.4 | 0.879 |
| 248560.2 | 843059.4 | 121.4 | 11.498 | 7.306 | 32.4 | 13.623 | 21.4 | 10.841 | 0.110 | 0.835 | 82.5 | 0.842 | 8.7 | 0.865 | 0.018 | 1.2 | 0.866 |
| 248559.5 | 843058.7 | 121.4 | 11.529 | 7.326 | 32.4 | 13.660 | 21.3 | 10.870 | 0.111 | 0.836 | 82.4 | 0.844 | 8.7 | 0.852 | 0.028 | 1.9 | 0.852 |
| 248558.8 | 843058.0 | 121.4 | 11.628 | 7.390 | 32.4 | 13.778 | 21.3 | 10.964 | 0.117 | 0.838 | 82.1 | 0.846 | 9.6 | 0.843 | 0.091 | 6.2 | 0.848 |
| 248558.1 | 843057.3 | 121.5 | 11.728 | 7.454 | 32.4 | 13.896 | 21.3 | 11.058 | 0.123 | 0.841 | 81.7 | 0.849 | 10.5 | 0.835 | 0.151 | 10.3 | 0.849 |
| 248557.4 | 843056.6 | 121.5 | 11.828 | 7.518 | 32.4 | 14.015 | 21.2 | 11.153 | 0.128 | 0.843 | 81.3 | 0.853 | 11.4 | 0.828 | 0.209 | 14.1 | 0.854 |
| 248556.7 | 843055.8 | 121.5 | 11.926 | 7.581 | 32.4 | 14.131 | 21.2 | 11.245 | 0.134 | 0.846 | 81.0 | 0.856 | 12.1 | 0.820 | 0.261 | 17.6 | 0.861 |
| 248556.0 | 843055.1 | 121.6 | 11.987 | 7.620 | 32.4 | 14.204 | 21.2 | 11.303 | 0.136 | 0.848 | 80.9 | 0.859 | 12.3 | 0.810 | 0.280 | 19.1 | 0.857 |
| 248555.3 | 843054.4 | 121.5 | 12.020 | 7.642 | 32.4 | 14.244 | 21.2 | 11.335 | 0.135 | 0.851 | 81.0 | 0.862 | 12.0 | 0.798 | 0.275 | 19.0 | 0.844 |
| 248554.7 | 843053.7 | 121.5 | 12.050 | 7.661 | 32.4 | 14.279 | 21.2 | 11.363 | 0.134 | 0.854 | 81.1 | 0.864 | 11.6 | 0.786 | 0.264 | 18.6 | 0.830 |
| 248554.0 | 843053.0 | 121.5 | 12.120 | 7.706 | 32.4 | 14.362 | 21.1 | 11.429 | 0.136 | 0.857 | 81.0 | 0.868 | 11.8 | 0.779 | 0.282 | 19.9 | 0.828 |
| 248553.3 | 843052.3 | 121.6 | 12.213 | 7.765 | 32.5 | 14.472 | 21.1 | 11.517 | 0.139 | 0.861 | 80.8 | 0.872 | 12.2 | 0.774 | 0.313 | 22.0 | 0.835 |
| 248552.6 | 843051.5 | 121.6 | 12.305 | 7.825 | 32.5 | 14.583 | 21.1 | 11.605 | 0.142 | 0.865 | 80.7 | 0.876 | 12.6 | 0.770 | 0.342 | 23.9 | 0.843 |
| 248551.9 | 843050.8 | 121.6 | 12.399 | 7.885 | 32.5 | 14.694 | 21.0 | 11.693 | 0.145 | 0.869 | 80.5 | 0.881 | 12.9 | 0.767 | 0.367 | 25.5 | 0.851 |
| 248551.2 | 843050.1 | 121.7 | 12.496 | 7.948 | 32.5 | 14.810 | 21.0 | 11.785 | 0.148 | 0.873 | 80.4 | 0.886 | 13.3 | 0.766 | 0.392 | 27.1 | 0.860 |
| 248550.5 | 843049.4 | 121.7 | 12.568 | 7.994 | 32.5 | 14.895 | 21.0 | 11.853 | 0.148 | 0.878 | 80.5 | 0.890 | 13.2 | 0.763 | 0.393 | 27.2 | 0.858 |
| 248549.8 | 843048.7 | 121.7 | 12.615 | 8.024 | 32.5 | 14.951 | 20.9 | 11.898 | 0.145 | 0.882 | 80.7 | 0.894 | 12.7 | 0.760 | 0.371 | 26.0 | 0.846 |
| 248549.1 | 843048.0 | 121.7 | 12.653 | 8.049 | 32.5 | 14.996 | 20.9 | 11.934 | 0.142 | 0.887 | 80.9 | 0.898 | 12.0 | 0.757 | 0.340 | 24.2 | 0.829 |
| 248548.4 | 843047.2 | 121.7 | 12.702 | 8.080 | 32.5 | 15.054 | 20.9 | 11.980 | 0.139 | 0.892 | 81.2 | 0.903 | 11.5 | 0.756 | 0.312 | 22.5 | 0.818 |
| 248547.7 | 843046.5 | 121.7 | 12.783 | 8.132 | 32.5 | 15.150 | 20.9 | 12.056 | 0.138 | 0.897 | 81.3 | 0.908 | 11.3 | 0.758 | 0.305 | 21.9 | 0.817 |
| 248547.0 | 843045.8 | 121.7 | 12.863 | 8.184 | 32.5 | 15.246 | 20.9 | 12.132 | 0.137 | 0.903 | 81.4 | 0.914 | 11.1 | 0.762 | 0.294 | 21.1 | 0.817 |
| 248546.3 | 843045.1 | 121.7 | 12.943 | 8.235 | 32.5 | 15.341 | 20.8 | 12.208 | 0.135 | 0.909 | 81.5 | 0.919 | 10.9 | 0.768 | 0.279 | 20.0 | 0.817 |
| 248545.6 | 843044.4 | 121.8 | 13.024 | 8.287 | 32.5 | 15.436 | 20.8 | 12.284 | 0.133 | 0.916 | 81.7 | 0.925 | 10.5 | 0.774 | 0.259 | 18.5 | 0.816 |
| 248544.9 | 843043.6 | 121.8 | 13.104 | 8.338 | 32.5 | 15.532 | 20.8 | 12.360 | 0.131 | 0.923 | 81.9 | 0.932 | 10.1 | 0.782 | 0.235 | 16.7 | 0.817 |
| 248544.2 | 843042.9 | 121.8 | 13.184 | 8.390 | 32.5 | 15.627 | 20.7 | 12.436 | 0.128 | 0.930 | 82.1 | 0.938 | 9.7 | 0.791 | 0.207 | 14.7 | 0.817 |
| 248543.5 | 843042.2 | 121.9 | 13.319 | 8.477 | 32.5 | 15.788 | 20.7 | 12.564 | 0.130 | 0.937 | 82.1 | 0.946 | 10.0 | 0.805 | 0.216 | 15.0 | 0.834 |
| 248542.8 | 843041.5 | 122.0 | 13.460 | 8.567 | 32.5 | 15.956 | 20.6 | 12.697 | 0.131 | 0.946 | 82.1 | 0.955 | 10.3 | 0.821 | 0.224 | 15.3 | 0.851 |
| 248542.1 | 843040.8 | 122.0 | 13.601 | 8.658 | 32.5 | 16.123 | 20.6 | 12.830 | 0.132 | 0.954 | 82.1 | 0.963 | 10.5 | 0.837 | 0.228 | 15.2 | 0.867 |
| 248541.4 | 843040.1 | 122.1 | 13.742 | 8.748 | 32.5 | 16.291 | 20.5 | 12.964 | 0.133 | 0.963 | 82.1 | 0.972 | 10.6 | 0.854 | 0.227 | 14.9 | 0.884 |
| 248540.7 | 843039.3 | 122.2 | 13.885 | 8.840 | 32.5 | 16.460 | 20.5 | 13.099 | 0.133 | 0.972 | 82.2 | 0.981 | 10.7 | 0.872 | 0.222 | 14.3 | 0.900 |
| 248540.0 | 843038.6 | 122.2 | 14.029 | 8.932 | 32.5 | 16.631 | 20.4 | 13.235 | 0.133 | 0.982 | 82.3 | 0.991 | 10.7 | 0.890 | 0.214 | 13.5 | 0.915 |
| 248539.3 | 843037.9 | 122.3 | 14.174 | 9.025 | 32.5 | 16.803 | 20.3 | 13.371 | 0.133 | 0.992 | 82.4 | 1.001 | 10.7 | 0.909 | 0.201 | 12.5 | 0.931 |
| 248538.6 | 843037.2 | 122.4 | 14.319 | 9.119 | 32.5 | 16.976 | 20.3 | 13.509 | 0.132 | 1.002 | 82.5 | 1.011 | 10.6 | 0.928 | 0.185 | 11.3 | 0.946 |
| 248537.9 | 843036.5 | 122.5 | 14.466 | 9.213 | 32.5 | 17.151 | 20.2 | 13.648 | 0.131 | 1.012 | 82.6 | 1.021 | 10.5 | 0.948 | 0.165 | 9.9 | 0.962 |
| 248537.3 | 843035.7 | 122.5 | 14.614 | 9.308 | 32.5 | 17.327 | 20.2 | 13.788 | 0.130 | 1.023 | 82.8 | 1.032 | 10.3 | 0.967 | 0.142 | 8.3 | 0.977 |
| 248536.6 | 843035.0 | 122.6 | 14.764 | 9.404 | 32.5 | 17.504 | 20.1 | 13.929 | 0.128 | 1.034 | 83.0 | 1.042 | 10.1 | 0.987 | 0.115 | 6.6 | 0.993 |
| 248535.9 | 843034.3 | 122.7 | 14.961 | 9.530 | 32.5 | 17.738 | 20.0 | 14.116 | 0.130 | 1.046 | 82.9 | 1.054 | 10.4 | 1.009 | 0.118 | 6.7 | 1.016 |
| 248535.2 | 843033.6 | 122.9 | 15.204 | 9.686 | 32.5 | 18.027 | 19.9 | 14.345 | 0.137 | 1.059 | 82.6 | 1.067 | 11.2 | 1.033 | 0.150 | 8.2 | 1.044 |
| 248534.5 | 843032.9 | 123.0 | 15.451 | 9.844 | 32.5 | 18.321 | 19.8 | 14.579 | 0.144 | 1.071 | 82.3 | 1.081 | 12.0 | 1.057 | 0.180 | 9.7 | 1.072 |
| 248533.8 | 843032.2 | 123.1 | 15.703 | 10.006 | 32.5 | 18.620 | 19.7 | 14.817 | 0.152 | 1.084 | 82.0 | 1.095 | 12.7 | 1.080 | 0.209 | 11.0 | 1.100 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248533.1 | 843031.4 | 123.3 | 15.959 | 10.170 | 32.5 | 18.924 | 19.6 | 15.059 | 0.160 | 1.097 | 81.7 | 1.109 | 13.5 | 1.102 | 0.238 | 12.2 | 1.127 |
| 248532.4 | 843030.7 | 123.4 | 16.219 | 10.336 | 32.5 | 19.233 | 19.5 | 15.305 | 0.168 | 1.110 | 81.4 | 1.123 | 14.2 | 1.123 | 0.266 | 13.3 | 1.154 |
| 248531.7 | 843030.0 | 123.5 | 16.484 | 10.506 | 32.5 | 19.547 | 19.4 | 15.555 | 0.176 | 1.123 | 81.1 | 1.137 | 14.9 | 1.143 | 0.294 | 14.4 | 1.180 |
| 248531.0 | 843029.3 | 123.7 | 16.753 | 10.679 | 32.5 | 19.867 | 19.3 | 15.810 | 0.184 | 1.137 | 80.8 | 1.151 | 15.5 | 1.162 | 0.322 | 15.5 | 1.206 |
| 248530.3 | 843028.6 | 123.8 | 17.024 | 10.852 | 32.5 | 20.188 | 19.1 | 16.065 | 0.193 | 1.150 | 80.5 | 1.166 | 16.2 | 1.180 | 0.348 | 16.4 | 1.230 |
| 248529.6 | 843027.8 | 123.9 | 17.294 | 11.025 | 32.5 | 20.509 | 19.0 | 16.321 | 0.201 | 1.163 | 80.2 | 1.180 | 16.8 | 1.197 | 0.373 | 17.3 | 1.253 |
| 248528.9 | 843027.1 | 124.1 | 17.650 | 11.253 | 32.5 | 20.931 | 18.9 | 16.657 | 0.219 | 1.177 | 79.5 | 1.197 | 18.2 | 1.214 | 0.451 | 20.4 | 1.295 |
| 248528.2 | 843026.4 | 124.2 | 17.896 | 11.411 | 32.5 | 21.225 | 18.8 | 16.890 | 0.224 | 1.190 | 79.3 | 1.211 | 18.5 | 1.227 | 0.457 | 20.4 | 1.309 |
| 248527.5 | 843025.7 | 124.3 | 18.067 | 11.520 | 32.5 | 21.428 | 18.7 | 17.051 | 0.220 | 1.201 | 79.6 | 1.222 | 18.0 | 1.235 | 0.415 | 18.6 | 1.303 |
| 248526.8 | 843025.0 | 124.4 | 18.313 | 11.677 | 32.5 | 21.719 | 18.6 | 17.283 | 0.225 | 1.214 | 79.5 | 1.234 | 18.3 | 1.245 | 0.420 | 18.6 | 1.313 |
| 248526.1 | 843024.3 | 124.6 | 18.656 | 11.881 | 32.5 | 22.118 | 18.4 | 17.601 | 0.242 | 1.224 | 78.8 | 1.247 | 19.6 | 1.258 | 0.491 | 21.3 | 1.350 |
| 248525.4 | 843023.5 | 124.7 | 19.007 | 12.105 | 32.5 | 22.535 | 18.3 | 17.932 | 0.259 | 1.236 | 78.2 | 1.263 | 20.8 | 1.267 | 0.562 | 23.9 | 1.386 |
| 248524.7 | 843022.8 | 124.9 | 19.355 | 12.327 | 32.5 | 22.947 | 18.1 | 18.261 | 0.276 | 1.249 | 77.5 | 1.279 | 22.0 | 1.275 | 0.631 | 26.3 | 1.423 |
| 248524.0 | 843022.1 | 125.0 | 19.709 | 12.554 | 32.5 | 23.367 | 18.0 | 18.595 | 0.293 | 1.261 | 76.9 | 1.294 | 23.2 | 1.281 | 0.704 | 28.8 | 1.462 |
| 248523.3 | 843021.4 | 125.2 | 19.990 | 12.734 | 32.5 | 23.702 | 17.9 | 18.861 | 0.303 | 1.272 | 76.6 | 1.307 | 23.7 | 1.284 | 0.735 | 29.8 | 1.480 |
| 248522.6 | 843020.7 | 125.2 | 20.210 | 12.875 | 32.5 | 23.962 | 17.8 | 19.069 | 0.305 | 1.281 | 76.6 | 1.317 | 23.7 | 1.285 | 0.730 | 29.6 | 1.478 |
| 248521.9 | 843019.9 | 125.3 | 20.432 | 13.017 | 32.5 | 24.227 | 17.7 | 19.279 | 0.307 | 1.291 | 76.6 | 1.327 | 23.8 | 1.284 | 0.730 | 29.6 | 1.477 |
| 248521.2 | 843019.2 | 125.5 | 20.855 | 13.288 | 32.5 | 24.728 | 17.5 | 19.678 | 0.333 | 1.302 | 75.6 | 1.344 | 25.6 | 1.288 | 0.848 | 33.4 | 1.542 |
| 248520.5 | 843018.5 | 125.7 | 21.345 | 13.601 | 32.5 | 25.310 | 17.3 | 20.141 | 0.367 | 1.314 | 74.4 | 1.364 | 27.9 | 1.292 | 1.005 | 37.9 | 1.637 |
| 248519.9 | 843017.8 | 125.8 | 21.643 | 13.792 | 32.5 | 25.664 | 17.2 | 20.423 | 0.379 | 1.323 | 74.0 | 1.376 | 28.6 | 1.292 | 1.053 | 39.2 | 1.666 |
| 248519.2 | 843017.1 | 125.9 | 21.789 | 13.885 | 32.5 | 25.837 | 17.1 | 20.561 | 0.373 | 1.330 | 74.3 | 1.381 | 28.1 | 1.287 | 1.017 | 38.3 | 1.640 |
| 248518.5 | 843016.4 | 125.9 | 21.939 | 13.981 | 32.5 | 26.016 | 17.0 | 20.703 | 0.369 | 1.336 | 74.6 | 1.386 | 27.6 | 1.283 | 0.986 | 37.5 | 1.618 |
| 248517.8 | 843015.6 | 125.9 | 21.950 | 13.988 | 32.5 | 26.028 | 17.0 | 20.712 | 0.348 | 1.341 | 75.5 | 1.385 | 25.9 | 1.276 | 0.879 | 34.6 | 1.549 |
| 248517.1 | 843014.9 | 125.9 | 22.075 | 14.068 | 32.5 | 26.177 | 17.0 | 20.831 | 0.340 | 1.346 | 75.8 | 1.389 | 25.3 | 1.272 | 0.838 | 33.4 | 1.523 |
| 248516.4 | 843014.2 | 126.0 | 22.133 | 14.105 | 32.5 | 26.246 | 17.0 | 20.886 | 0.325 | 1.351 | 76.5 | 1.390 | 24.0 | 1.267 | 0.762 | 31.0 | 1.479 |
| 248515.7 | 843013.5 | 126.0 | 22.193 | 14.143 | 32.5 | 26.316 | 16.9 | 20.942 | 0.310 | 1.356 | 77.1 | 1.391 | 22.8 | 1.263 | 0.688 | 28.6 | 1.439 |
| 248515.0 | 843012.8 | 126.0 | 22.251 | 14.180 | 32.5 | 26.385 | 16.9 | 20.997 | 0.295 | 1.361 | 77.8 | 1.393 | 21.6 | 1.261 | 0.614 | 26.0 | 1.403 |
| 248514.3 | 843012.0 | 125.8 | 21.785 | 13.883 | 32.5 | 25.833 | 17.1 | 20.557 | 0.218 | 1.361 | 80.9 | 1.379 | 15.7 | 1.247 | 0.242 | 11.0 | 1.270 |
| 248513.6 | 843011.3 | 125.9 | 22.068 | 14.064 | 32.5 | 26.169 | 17.0 | 20.824 | 0.230 | 1.368 | 80.5 | 1.387 | 16.5 | 1.254 | 0.300 | 13.4 | 1.289 |
| 248512.9 | 843010.6 | 126.1 | 22.715 | 14.477 | 32.5 | 26.937 | 16.7 | 21.435 | 0.285 | 1.379 | 78.3 | 1.408 | 20.6 | 1.273 | 0.561 | 23.8 | 1.391 |
| 248512.2 | 843009.9 | 126.3 | 23.164 | 14.764 | 32.5 | 27.469 | 16.5 | 21.859 | 0.318 | 1.388 | 77.1 | 1.424 | 22.8 | 1.288 | 0.706 | 28.7 | 1.469 |
| 248511.5 | 843009.2 | 126.5 | 23.642 | 15.069 | 32.5 | 28.036 | 16.3 | 22.311 | 0.353 | 1.398 | 75.8 | 1.442 | 25.3 | 1.306 | 0.863 | 33.5 | 1.565 |
| 248510.8 | 843008.5 | 126.6 | 23.944 | 15.262 | 32.5 | 28.395 | 16.2 | 22.596 | 0.368 | 1.407 | 75.3 | 1.454 | 26.2 | 1.321 | 0.923 | 34.9 | 1.611 |
| 248510.1 | 843007.7 | 126.7 | 24.260 | 15.464 | 32.5 | 28.770 | 16.1 | 22.894 | 0.385 | 1.415 | 74.8 | 1.466 | 27.2 | 1.338 | 0.989 | 36.5 | 1.664 |
| 248509.4 | 843007.0 | 126.8 | 24.502 | 15.619 | 32.5 | 29.057 | 16.0 | 23.122 | 0.394 | 1.422 | 74.5 | 1.476 | 27.7 | 1.355 | 1.016 | 36.9 | 1.693 |
| 248508.7 | 843006.3 | 126.7 | 24.290 | 15.483 | 32.5 | 28.805 | 16.1 | 22.923 | 0.349 | 1.424 | 76.2 | 1.466 | 24.5 | 1.365 | 0.804 | 30.5 | 1.584 |
| 248508.0 | 843005.6 | 126.7 | 24.236 | 15.448 | 32.5 | 28.741 | 16.1 | 22.871 | 0.323 | 1.427 | 77.3 | 1.463 | 22.6 | 1.380 | 0.675 | 26.1 | 1.536 |
| 248507.3 | 843004.9 | 126.7 | 24.307 | 15.493 | 32.5 | 28.824 | 16.1 | 22.938 | 0.311 | 1.432 | 77.7 | 1.466 | 21.7 | 1.398 | 0.612 | 23.6 | 1.526 |
| 248506.6 | 843004.2 | 126.7 | 24.375 | 15.537 | 32.5 | 28.906 | 16.0 | 23.003 | 0.300 | 1.438 | 78.2 | 1.469 | 20.9 | 1.419 | 0.548 | 21.1 | 1.521 |
| 248505.9 | 843003.4 | 126.7 | 24.443 | 15.579 | 32.5 | 28.986 | 16.0 | 23.066 | 0.289 | 1.443 | 78.7 | 1.472 | 20.0 | 1.440 | 0.483 | 18.5 | 1.519 |
| 248505.2 | 843002.7 | 126.8 | 24.808 | 15.812 | 32.5 | 29.419 | 15.8 | 23.411 | 0.314 | 1.451 | 77.8 | 1.485 | 21.6 | 1.468 | 0.576 | 21.4 | 1.577 |
| 248504.5 | 843002.0 | 127.0 | 25.205 | 16.066 | 32.5 | 29.890 | 15.7 | 23.786 | 0.343 | 1.460 | 76.8 | 1.500 | 23.5 | 1.496 | 0.684 | 24.6 | 1.645 |
| 248503.8 | 843001.3 | 127.0 | 25.195 | 16.059 | 32.5 | 29.878 | 15.7 | 23.776 | 0.323 | 1.464 | 77.6 | 1.500 | 22.1 | 1.519 | 0.579 | 20.9 | 1.626 |
| 248503.1 | 843000.6 | 127.0 | 25.324 | 16.141 | 32.5 | 30.030 | 15.6 | 23.897 | 0.320 | 1.470 | 77.7 | 1.505 | 21.8 | 1.545 | 0.546 | 19.5 | 1.639 |
| 248502.5 | 842999.8 | 127.1 | 25.450 | 16.221 | 32.5 | 30.180 | 15.6 | 24.016 | 0.317 | 1.476 | 77.9 | 1.510 | 21.5 | 1.571 | 0.512 | 18.1 | 1.652 |
| 248501.8 | 842999.1 | 127.1 | 25.652 | 16.350 | 32.5 | 30.420 | 15.5 | 24.207 | 0.323 | 1.482 | 77.7 | 1.517 | 21.8 | 1.598 | 0.519 | 18.0 | 1.680 |
| 248501.1 | 842998.4 | 127.2 | 25.873 | 16.491 | 32.5 | 30.681 | 15.4 | 24.415 | 0.332 | 1.489 | 77.4 | 1.525 | 22.2 | 1.625 | 0.534 | 18.2 | 1.710 |
| 248500.4 | 842997.7 | 127.3 | 26.094 | 16.631 | 32.5 | 30.943 | 15.3 | 24.624 | 0.340 | 1.496 | 77.2 | 1.534 | 22.7 | 1.651 | 0.550 | 18.4 | 1.740 |
| 248499.7 | 842997.0 | 127.4 | 26.335 | 16.785 | 32.5 | 31.229 | 15.2 | 24.851 | 0.352 | 1.502 | 76.8 | 1.543 | 23.3 | 1.678 | 0.576 | 19.0 | 1.774 |
| 248499.0 | 842996.3 | 127.5 | 26.580 | 16.941 | 32.5 | 31.520 | 15.1 | 25.083 | 0.363 | 1.509 | 76.5 | 1.552 | 24.0 | 1.704 | 0.605 | 19.5 | 1.808 |
| 248498.3 | 842995.5 | 127.5 | 26.811 | 17.088 | 32.5 | 31.794 | 15.0 | 25.301 | 0.374 | 1.515 | 76.1 | 1.560 | 24.5 | 1.729 | 0.627 | 19.9 | 1.839 |
| 248497.6 | 842994.8 | 127.6 | 26.969 | 17.188 | 32.5 | 31.980 | 14.9 | 25.449 | 0.375 | 1.520 | 76.1 | 1.565 | 24.5 | 1.753 | 0.612 | 19.3 | 1.856 |
| 248496.9 | 842994.1 | 127.6 | 27.125 | 17.288 | 32.5 | 32.166 | 14.9 | 25.597 | 0.376 | 1.525 | 76.2 | 1.570 | 24.5 | 1.776 | 0.598 | 18.6 | 1.874 |
| 248496.2 | 842993.4 | 127.7 | 27.280 | 17.386 | 32.5 | 32.350 | 14.8 | 25.743 | 0.377 | 1.530 | 76.2 | 1.575 | 24.5 | 1.798 | 0.584 | 18.0 | 1.891 |
| 248495.5 | 842992.7 | 127.7 | 27.417 | 17.473 | 32.5 | 32.512 | 14.8 | 25.872 | 0.376 | 1.534 | 76.2 | 1.579 | 24.3 | 1.820 | 0.562 | 17.2 | 1.905 |
| 248494.8 | 842991.9 | 127.8 | 27.546 | 17.555 | 32.5 | 32.664 | 14.7 | 25.993 | 0.374 | 1.538 | 76.4 | 1.583 | 24.1 | 1.841 | 0.537 | 16.2 | 1.918 |
| 248494.1 | 842991.2 | 127.8 | 27.673 | 17.635 | 32.5 | 32.815 | 14.7 | 26.113 | 0.371 | 1.542 | 76.5 | 1.586 | 23.9 | 1.861 | 0.511 | 15.4 | 1.930 |
| 248493.4 | 842990.5 | 127.9 | 27.800 | 17.715 | 32.5 | 32.965 | 14.6 | 26.232 | 0.369 | 1.546 | 76.6 | 1.590 | 23.7 | 1.881 | 0.486 | 14.5 | 1.943 |
| 248492.7 | 842989.8 | 127.9 | 27.925 | 17.795 | 32.5 | 33.113 | 14.6 | 26.350 | 0.366 | 1.550 | 76.7 | 1.593 | 23.4 | 1.900 | 0.460 | 13.6 | 1.955 |
| 248492.0 | 842989.1 | 128.0 | 28.119 | 17.918 | 32.5 | 33.343 | 14.5 | 26.533 | 0.371 | 1.555 | 76.6 | 1.598 | 23.7 | 1.919 | 0.469 | 13.7 | 1.975 |
| 248491.3 | 842988.4 | 128.1 | 28.334 | 18.054 | 32.5 | 33.597 | 14.4 | 26.736 | 0.379 | 1.560 | 76.3 | 1.605 | 24.1 | 1.937 | 0.487 | 14.1 | 1.998 |
| 248490.6 | 842987.6 | 128.1 | 28.461 | 18.135 | 32.5 | 33.748 | 14.3 | 26.856 | 0.376 | 1.563 | 76.5 | 1.608 | 23.9 | 1.955 | 0.463 | 13.3 | 2.009 |
| 248489.9 | 842986.9 | 128.2 | 28.587 | 18.215 | 32.5 | 33.897 | 14.3 | 26.974 | 0.373 | 1.567 | 76.6 | 1.611 | 23.6 | 1.973 | 0.438 | 12.5 | 2.021 |
| 248489.2 | 842986.2 | 128.2 | 28.794 | 18.346 | 32.5 | 34.142 | 14.2 | 27.169 | 0.379 | 1.572 | 76.4 | 1.617 | 23.9 | 1.991 | 0.451 | 12.8 | 2.041 |
| 248488.5 | 842985.5 | 128.3 | 29.004 | 18.479 | 32.5 | 34.390 | 14.1 | 27.367 | 0.386 | 1.577 | 76.2 | 1.623 | 24.2 | 2.008 | 0.465 | 13.0 | 2.062 |
| 248487.8 | 842984.8 | 128.4 | 29.213 | 18.612 | 32.5 | 34.638 | 14.0 | 27.564 | 0.392 | 1.582 | 76.1 | 1.630 | 24.6 | 2.026 | 0.478 | 13.3 | 2.082 |
| 248487.1 | 842984.0 | 128.5 | 29.423 | 18.745 | 32.5 | 34.886 | 13.9 | 27.762 | 0.398 | 1.587 | 75.9 | 1.636 | 24.8 | 2.044 | 0.491 | 13.5 | 2.102 |
| 248486.4 | 842983.3 | 128.5 | 29.632 | 18.877 | 32.5 | 35.134 | 13.9 | 27.959 | 0.404 | 1.592 | 75.7 | 1.642 | 25.1 | 2.062 | 0.502 | 13.7 | 2.122 |
| 248485.7 | 842982.6 | 128.6 | 29.840 | 19.009 | 32.5 | 35.381 | 13.8 | 28.155 | 0.410 | 1.597 | 75.6 | 1.649 | 25.4 | 2.080 | 0.512 | 13.8 | 2.142 |
| 248485.1 | 842981.9 | 128.7 | 30.049 | 19.141 | 32.5 | 35.627 | 13.7 | 28.351 | 0.416 | 1.602 | 75.5 | 1.655 | 25.6 | 2.098 | 0.520 | 13.9 | 2.162 |
| 248484.4 | 842981.2 | 128.8 | 30.256 | 19.273 | 32.5 | 35.873 | 13.6 | 28.547 | 0.421 | 1.607 | 75.3 | 1.661 | 25.8 | 2.117 | 0.528 | 14.0 | 2.182 |
| 248483.7 | 842980.5 | 128.8 | 30.466 | 19.406 | 32.5 | 36.121 | 13.5 | 28.744 | 0.426 | 1.612 | 75.2 | 1.668 | 26.1 | 2.136 | 0.537 | 14.1 | 2.203 |
| 248483.0 | 842979.7 | 128.9 | 30.676 | 19.539 | 32.5 | 36.370 | 13.4 | 28.942 | 0.432 | 1.617 | 75.0 | 1.674 | 26.3 | 2.156 | 0.544 | 14.2 | 2.224 |
| 248482.3 | 842979.0 | 129.0 | 30.914 | 19.689 | 32.5 | 36.652 | 13.3 | 29.167 | 0.441 | 1.623 | 74.8 | 1.682 | 26.7 | 2.176 | 0.565 | 14.5 | 2.248 |
| 248481.6 | 842978.3 | 129.1 | 31.110 | 19.813 | 32.5 | 36.883 | 13.2 | 29.351 | 0.445 | 1.628 | 74.7 | 1.688 | 26.9 | 2.197 | 0.566 | 14.4 | 2.269 |
| 248480.9 | 842977.6 | 129.1 | 31.275 | 19.917 | 32.5 | 37.078 | 13.2 | 29.506 | 0.445 | 1.632 | 74.7 | 1.692 | 26.8 | 2.219 | 0.553 | 14.0 | 2.286 |
| 248480.2 | 842976.9 | 129.2 | 31.438 | 20.020 | 32.5 | 37.272 | 13.1 | 29.660 | 0.446 | 1.636 | 74.8 | 1.696 | 26.8 | 2.240 | 0.541 | 13.6 | 2.305 |
| 248479.5 | 842976.1 | 129.3 | 31.601 | 20.123 | 32.5 | 37.464 | 13.0 | 29.813 | 0.447 | 1.640 | 74.8 | 1.700 | 26.7 | 2.263 | 0.529 | 13.2 | 2.324 |
| 248478.8 | 842975.4 | 129.3 | 31.762 | 20.224 | 32.5 | 37.654 | 13.0 | 29.964 | 0.447 | 1.644 | 74.8 | 1.704 | 26.7 | 2.285 | 0.518 | 12.8 | 2.343 |
| 248478.1 | 842974.7 | 129.4 | 31.921 | 20.325 | 32.5 | 37.843 | 12.9 | 30.114 | 0.449 | 1.648 | 74.8 | 1.708 | 26.7 | 2.308 | 0.508 | 12.4 | 2.363 |
| 248477.4 | 842974.0 | 129.5 | 32.080 | 20.424 | 32.5 | 38.030 | 12.9 | 30.263 | 0.450 | 1.651 | 74.7 | 1.711 | 26.7 | 2.331 | 0.500 | 12.1 | 2.384 |
| 248476.7 | 842973.3 | 129.5 | 32.236 | 20.523 | 32.5 | 38.215 | 12.8 | 30.411 | 0.452 | 1.653 | 74.7 | 1.714 | 26.8 | 2.353 | 0.492 | 11.8 | 2.404 |
| 248476.0 | 842972.6 | 129.6 | 32.392 | 20.621 | 32.5 | 38.399 | 12.7 | 30.557 | 0.454 | 1.656 | 74.7 | 1.717 | 26.9 | 2.376 | 0.487 | 11.6 | 2.426 |
| 248475.3 | 842971.8 | 129.6 | 32.546 | 20.718 | 32.5 | 38.580 | 12.7 | 30.701 | 0.457 | 1.658 | 74.6 | 1.720 | 27.0 | 2.399 | 0.483 | 11.4 | 2.447 |
| 248474.6 | 842971.1 | 129.7 | 32.698 | 20.813 | 32.5 | 38.760 | 12.6 | 30.844 | 0.460 | 1.660 | 74.5 | 1.722 | 27.1 | 2.421 | 0.481 | 11.2 | 2.469 |
| 248473.9 | 842970.4 | 129.8 | 32.849 | 20.908 | 32.5 | 38.938 | 12.5 | 30.986 | 0.463 | 1.661 | 74.4 | 1.725 | 27.3 | 2.444 | 0.480 | 11.1 | 2.490 |
| 248473.2 | 842969.7 | 129.8 | 32.998 | 21.002 | 32.5 | 39.115 | 12.5 | 31.126 | 0.467 | 1.663 | 74.3 | 1.727 | 27.4 | 2.466 | 0.481 | 11.0 | 2.512 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248472.5 | 842969.0 | 129.9 | 33.093 | 21.061 | 32.5 | 39.226 | 12.5 | 31.215 | 0.465 | 1.663 | 74.4 | 1.727 | 27.3 | 2.488 | 0.460 | 10.5 | 2.530 |
| 248471.8 | 842968.2 | 129.9 | 33.173 | 21.110 | 32.5 | 39.320 | 12.4 | 31.290 | 0.461 | 1.664 | 74.5 | 1.726 | 27.1 | 2.510 | 0.434 | 9.8 | 2.547 |
| 248471.1 | 842967.5 | 130.0 | 33.251 | 21.158 | 32.5 | 39.412 | 12.4 | 31.363 | 0.457 | 1.664 | 74.6 | 1.726 | 26.9 | 2.532 | 0.409 | 9.2 | 2.565 |
| 248470.4 | 842966.8 | 130.0 | 33.339 | 21.213 | 32.5 | 39.516 | 12.4 | 31.446 | 0.455 | 1.664 | 74.7 | 1.726 | 26.8 | 2.554 | 0.390 | 8.7 | 2.584 |
| 248469.7 | 842966.1 | 130.1 | 33.426 | 21.266 | 32.5 | 39.617 | 12.3 | 31.526 | 0.454 | 1.665 | 74.8 | 1.726 | 26.6 | 2.576 | 0.370 | 8.2 | 2.603 |
| 248469.0 | 842965.4 | 130.1 | 33.510 | 21.318 | 32.5 | 39.716 | 12.3 | 31.605 | 0.452 | 1.666 | 74.8 | 1.726 | 26.5 | 2.599 | 0.350 | 7.7 | 2.622 |
| 248468.3 | 842964.7 | 130.2 | 33.592 | 21.369 | 32.5 | 39.812 | 12.3 | 31.682 | 0.450 | 1.666 | 74.9 | 1.726 | 26.4 | 2.621 | 0.330 | 7.2 | 2.642 |
| 248467.7 | 842963.9 | 130.2 | 33.671 | 21.418 | 32.5 | 39.906 | 12.2 | 31.756 | 0.448 | 1.667 | 75.0 | 1.726 | 26.3 | 2.644 | 0.308 | 6.6 | 2.662 |
| 248467.0 | 842963.2 | 130.3 | 33.746 | 21.464 | 32.5 | 39.994 | 12.2 | 31.826 | 0.446 | 1.668 | 75.0 | 1.727 | 26.1 | 2.668 | 0.283 | 6.1 | 2.683 |
| 248466.3 | 842962.5 | 130.3 | 33.815 | 21.506 | 32.5 | 40.075 | 12.2 | 31.891 | 0.443 | 1.669 | 75.1 | 1.727 | 26.0 | 2.692 | 0.256 | 5.4 | 2.704 |
| 248465.6 | 842961.8 | 130.4 | 33.882 | 21.547 | 32.5 | 40.153 | 12.2 | 31.953 | 0.440 | 1.671 | 75.2 | 1.728 | 25.8 | 2.716 | 0.227 | 4.8 | 2.726 |
| 248464.9 | 842961.1 | 130.4 | 33.946 | 21.586 | 32.5 | 40.228 | 12.1 | 32.013 | 0.437 | 1.673 | 75.4 | 1.729 | 25.6 | 2.742 | 0.196 | 4.1 | 2.749 |
| 248464.2 | 842960.4 | 130.5 | 34.008 | 21.624 | 32.4 | 40.301 | 12.1 | 32.070 | 0.434 | 1.675 | 75.5 | 1.730 | 25.3 | 2.767 | 0.164 | 3.4 | 2.772 |
| 248463.5 | 842959.6 | 130.5 | 34.068 | 21.660 | 32.4 | 40.370 | 12.1 | 32.126 | 0.430 | 1.677 | 75.6 | 1.731 | 25.1 | 2.794 | 0.130 | 2.7 | 2.797 |
| 248462.8 | 842958.9 | 130.6 | 34.125 | 21.694 | 32.4 | 40.437 | 12.1 | 32.179 | 0.427 | 1.679 | 75.7 | 1.732 | 24.9 | 2.821 | 0.094 | 1.9 | 2.822 |
| 248462.1 | 842958.2 | 130.6 | 34.180 | 21.727 | 32.4 | 40.502 | 12.1 | 32.230 | 0.423 | 1.681 | 75.9 | 1.733 | 24.7 | 2.848 | 0.058 | 1.2 | 2.848 |
| 248461.4 | 842957.5 | 130.7 | 34.218 | 21.749 | 32.4 | 40.545 | 12.1 | 32.264 | 0.418 | 1.683 | 76.1 | 1.734 | 24.3 | 2.875 | 0.015 | 0.3 | 2.875 |
| 248460.7 | 842956.8 | 130.7 | 34.357 | 21.836 | 32.4 | 40.708 | 12.0 | 32.395 | 0.426 | 1.686 | 75.8 | 1.739 | 24.7 | 2.902 | 0.015 | 0.3 | 2.902 |
| 248460.0 | 842956.0 | 130.8 | 34.496 | 21.922 | 32.4 | 40.873 | 11.9 | 32.525 | 0.434 | 1.689 | 75.6 | 1.744 | 25.1 | 2.928 | 0.017 | 0.3 | 2.929 |
| 248459.3 | 842955.3 | 130.9 | 34.644 | 22.015 | 32.4 | 41.047 | 11.9 | 32.664 | 0.444 | 1.692 | 75.3 | 1.749 | 25.6 | 2.955 | 0.024 | 0.5 | 2.955 |
| 248458.6 | 842954.6 | 130.9 | 34.805 | 22.115 | 32.4 | 41.236 | 11.8 | 32.815 | 0.455 | 1.695 | 75.0 | 1.755 | 26.2 | 2.980 | 0.038 | 0.7 | 2.981 |
| 248457.9 | 842953.9 | 131.0 | 34.929 | 22.192 | 32.4 | 41.382 | 11.8 | 32.931 | 0.463 | 1.697 | 74.7 | 1.759 | 26.6 | 3.006 | 0.039 | 0.7 | 3.006 |
| 248457.2 | 842953.2 | 131.1 | 35.018 | 22.246 | 32.4 | 41.487 | 11.7 | 33.014 | 0.468 | 1.699 | 74.6 | 1.762 | 26.8 | 3.031 | 0.028 | 0.5 | 3.031 |
| 248456.5 | 842952.5 | 131.1 | 35.108 | 22.301 | 32.4 | 41.592 | 11.7 | 33.098 | 0.473 | 1.700 | 74.5 | 1.764 | 27.1 | 3.055 | 0.021 | 0.4 | 3.055 |
| 248455.8 | 842951.7 | 131.2 | 35.259 | 22.395 | 32.4 | 41.770 | 11.6 | 33.239 | 0.486 | 1.702 | 74.1 | 1.770 | 27.8 | 3.077 | 0.042 | 0.8 | 3.078 |
| 248455.1 | 842951.0 | 131.3 | 35.408 | 22.488 | 32.4 | 41.946 | 11.6 | 33.379 | 0.500 | 1.703 | 73.6 | 1.775 | 28.5 | 3.099 | 0.067 | 1.2 | 3.099 |
| 248454.4 | 842950.3 | 131.4 | 35.555 | 22.579 | 32.4 | 42.119 | 11.5 | 33.517 | 0.514 | 1.704 | 73.2 | 1.780 | 29.3 | 3.119 | 0.094 | 1.7 | 3.120 |
| 248453.7 | 842949.6 | 131.4 | 35.661 | 22.644 | 32.4 | 42.243 | 11.5 | 33.616 | 0.524 | 1.705 | 72.9 | 1.784 | 29.8 | 3.138 | 0.109 | 2.0 | 3.140 |
| 248453.0 | 842948.9 | 131.5 | 35.674 | 22.650 | 32.4 | 42.257 | 11.5 | 33.627 | 0.524 | 1.704 | 72.9 | 1.783 | 29.8 | 3.157 | 0.088 | 1.6 | 3.158 |
| 248452.3 | 842948.1 | 131.5 | 35.704 | 22.667 | 32.4 | 42.291 | 11.5 | 33.654 | 0.527 | 1.703 | 72.8 | 1.783 | 30.0 | 3.174 | 0.080 | 1.4 | 3.175 |
| 248451.6 | 842947.4 | 131.6 | 35.754 | 22.696 | 32.4 | 42.350 | 11.5 | 33.701 | 0.532 | 1.703 | 72.6 | 1.784 | 30.3 | 3.189 | 0.085 | 1.5 | 3.191 |
| 248450.9 | 842946.7 | 131.6 | 35.802 | 22.724 | 32.4 | 42.405 | 11.4 | 33.744 | 0.539 | 1.702 | 72.4 | 1.785 | 30.7 | 3.203 | 0.092 | 1.7 | 3.205 |
| 248450.3 | 842946.0 | 131.7 | 35.854 | 22.755 | 32.4 | 42.466 | 11.4 | 33.793 | 0.547 | 1.701 | 72.2 | 1.786 | 31.2 | 3.216 | 0.107 | 1.9 | 3.217 |
| 248449.6 | 842945.3 | 131.8 | 35.907 | 22.787 | 32.4 | 42.527 | 11.4 | 33.842 | 0.555 | 1.699 | 71.9 | 1.788 | 31.7 | 3.226 | 0.126 | 2.2 | 3.229 |
| 248448.9 | 842944.6 | 131.8 | 35.958 | 22.816 | 32.4 | 42.586 | 11.4 | 33.889 | 0.564 | 1.698 | 71.6 | 1.789 | 32.2 | 3.236 | 0.148 | 2.6 | 3.239 |
| 248448.2 | 842943.8 | 131.9 | 36.006 | 22.844 | 32.4 | 42.641 | 11.4 | 33.933 | 0.573 | 1.696 | 71.3 | 1.790 | 32.7 | 3.244 | 0.174 | 3.1 | 3.249 |
| 248447.5 | 842943.1 | 131.9 | 36.051 | 22.871 | 32.4 | 42.694 | 11.4 | 33.975 | 0.583 | 1.694 | 71.0 | 1.792 | 33.3 | 3.251 | 0.202 | 3.6 | 3.257 |
| 248446.8 | 842942.4 | 131.9 | 35.829 | 22.727 | 32.4 | 42.430 | 11.5 | 33.764 | 0.561 | 1.690 | 71.6 | 1.780 | 32.3 | 3.260 | 0.124 | 2.2 | 3.262 |
| 248446.1 | 842941.7 | 131.9 | 35.640 | 22.604 | 32.4 | 42.204 | 11.6 | 33.585 | 0.544 | 1.685 | 72.1 | 1.771 | 31.4 | 3.267 | 0.062 | 1.1 | 3.268 |
| 248445.4 | 842941.0 | 132.0 | 35.559 | 22.551 | 32.4 | 42.107 | 11.6 | 33.508 | 0.540 | 1.682 | 72.2 | 1.767 | 31.3 | 3.273 | 0.049 | 0.9 | 3.273 |
| 248444.7 | 842940.2 | 132.0 | 35.476 | 22.495 | 32.4 | 42.007 | 11.6 | 33.428 | 0.537 | 1.679 | 72.3 | 1.763 | 31.2 | 3.277 | 0.037 | 0.7 | 3.278 |
| 248444.0 | 842939.5 | 132.0 | 35.393 | 22.440 | 32.4 | 41.907 | 11.7 | 33.348 | 0.533 | 1.676 | 72.3 | 1.759 | 31.1 | 3.282 | 0.028 | 0.5 | 3.282 |
| 248443.3 | 842938.8 | 132.0 | 35.322 | 22.393 | 32.4 | 41.822 | 11.7 | 33.281 | 0.532 | 1.673 | 72.3 | 1.756 | 31.1 | 3.285 | 0.026 | 0.5 | 3.285 |
| 248442.6 | 842938.1 | 132.1 | 35.250 | 22.344 | 32.4 | 41.735 | 11.8 | 33.211 | 0.531 | 1.670 | 72.4 | 1.753 | 31.1 | 3.288 | 0.026 | 0.5 | 3.289 |
| 248441.9 | 842937.4 | 132.1 | 35.174 | 22.294 | 32.4 | 41.644 | 11.8 | 33.139 | 0.531 | 1.668 | 72.4 | 1.750 | 31.1 | 3.291 | 0.027 | 0.5 | 3.291 |
| 248441.2 | 842936.7 | 132.1 | 35.097 | 22.242 | 32.4 | 41.551 | 11.8 | 33.065 | 0.530 | 1.665 | 72.3 | 1.748 | 31.2 | 3.294 | 0.029 | 0.5 | 3.294 |
| 248440.5 | 842935.9 | 132.2 | 35.017 | 22.189 | 32.4 | 41.455 | 11.9 | 32.989 | 0.529 | 1.663 | 72.3 | 1.745 | 31.2 | 3.295 | 0.032 | 0.6 | 3.296 |
| 248439.8 | 842935.2 | 132.2 | 34.980 | 22.163 | 32.4 | 41.410 | 11.9 | 32.953 | 0.534 | 1.661 | 72.2 | 1.744 | 31.5 | 3.296 | 0.056 | 1.0 | 3.297 |
| 248439.1 | 842934.5 | 132.3 | 34.943 | 22.137 | 32.4 | 41.365 | 11.9 | 32.917 | 0.540 | 1.658 | 72.0 | 1.744 | 31.9 | 3.296 | 0.081 | 1.4 | 3.297 |
| 248438.4 | 842933.8 | 132.3 | 34.904 | 22.110 | 32.4 | 41.317 | 11.9 | 32.879 | 0.545 | 1.656 | 71.8 | 1.743 | 32.2 | 3.296 | 0.108 | 1.9 | 3.297 |
| 248437.7 | 842933.1 | 132.3 | 34.775 | 22.026 | 32.3 | 41.164 | 12.0 | 32.757 | 0.540 | 1.653 | 71.9 | 1.739 | 32.0 | 3.294 | 0.100 | 1.7 | 3.296 |
| 248437.0 | 842932.3 | 132.4 | 34.642 | 21.939 | 32.3 | 41.005 | 12.1 | 32.630 | 0.535 | 1.649 | 72.0 | 1.734 | 31.8 | 3.292 | 0.092 | 1.6 | 3.293 |
| 248436.3 | 842931.6 | 132.4 | 34.507 | 21.850 | 32.3 | 40.843 | 12.1 | 32.502 | 0.530 | 1.645 | 72.1 | 1.728 | 31.7 | 3.289 | 0.086 | 1.5 | 3.290 |
| 248435.6 | 842930.9 | 132.4 | 34.369 | 21.761 | 32.3 | 40.679 | 12.2 | 32.371 | 0.525 | 1.641 | 72.3 | 1.723 | 31.5 | 3.283 | 0.081 | 1.4 | 3.284 |
| 248434.9 | 842930.2 | 132.4 | 34.230 | 21.670 | 32.3 | 40.512 | 12.3 | 32.239 | 0.521 | 1.637 | 72.4 | 1.718 | 31.3 | 3.277 | 0.078 | 1.4 | 3.278 |
| 248434.2 | 842929.5 | 132.5 | 34.087 | 21.577 | 32.3 | 40.343 | 12.3 | 32.104 | 0.516 | 1.633 | 72.5 | 1.712 | 31.1 | 3.269 | 0.076 | 1.3 | 3.270 |
| 248433.5 | 842928.8 | 132.5 | 33.912 | 21.464 | 32.3 | 40.134 | 12.4 | 31.938 | 0.507 | 1.628 | 72.7 | 1.705 | 30.8 | 3.259 | 0.062 | 1.1 | 3.260 |
| 248432.9 | 842928.0 | 132.5 | 33.713 | 21.335 | 32.3 | 39.897 | 12.5 | 31.749 | 0.496 | 1.623 | 73.0 | 1.697 | 30.2 | 3.248 | 0.039 | 0.7 | 3.248 |
| 248432.2 | 842927.3 | 132.5 | 33.512 | 21.206 | 32.3 | 39.658 | 12.6 | 31.559 | 0.486 | 1.618 | 73.3 | 1.689 | 29.7 | 3.235 | 0.018 | 0.3 | 3.235 |
| 248431.5 | 842926.6 | 132.5 | 33.310 | 21.076 | 32.3 | 39.418 | 12.7 | 31.368 | 0.475 | 1.612 | 73.6 | 1.681 | 29.2 | 3.220 | -0.002 | -0.0 | 3.220 |
| 248430.8 | 842925.9 | 132.5 | 33.107 | 20.945 | 32.3 | 39.177 | 12.8 | 31.176 | 0.464 | 1.607 | 73.9 | 1.672 | 28.7 | 3.204 | -0.021 | -0.4 | 3.204 |
| 248430.1 | 842925.2 | 132.5 | 32.901 | 20.813 | 32.3 | 38.931 | 12.9 | 30.980 | 0.453 | 1.601 | 74.2 | 1.664 | 28.1 | 3.186 | -0.041 | -0.7 | 3.186 |
| 248429.4 | 842924.4 | 132.5 | 32.693 | 20.679 | 32.3 | 38.684 | 13.0 | 30.784 | 0.442 | 1.596 | 74.5 | 1.656 | 27.6 | 3.166 | -0.061 | -1.1 | 3.167 |
| 248428.7 | 842923.7 | 132.5 | 32.484 | 20.545 | 32.3 | 38.435 | 13.1 | 30.586 | 0.431 | 1.590 | 74.8 | 1.648 | 27.0 | 3.146 | -0.082 | -1.5 | 3.147 |
| 248428.0 | 842923.0 | 132.5 | 32.274 | 20.410 | 32.3 | 38.186 | 13.2 | 30.388 | 0.419 | 1.585 | 75.2 | 1.639 | 26.4 | 3.124 | -0.102 | -1.9 | 3.126 |
| 248427.3 | 842922.3 | 132.5 | 32.063 | 20.275 | 32.3 | 37.936 | 13.3 | 30.188 | 0.408 | 1.580 | 75.5 | 1.631 | 25.8 | 3.102 | -0.124 | -2.3 | 3.104 |
| 248426.6 | 842921.6 | 132.6 | 31.882 | 20.157 | 32.3 | 37.719 | 13.4 | 30.016 | 0.400 | 1.575 | 75.8 | 1.625 | 25.4 | 3.079 | -0.133 | -2.5 | 3.082 |
| 248425.9 | 842920.9 | 132.6 | 31.755 | 20.075 | 32.3 | 37.569 | 13.4 | 29.896 | 0.398 | 1.571 | 75.8 | 1.621 | 25.3 | 3.056 | -0.119 | -2.2 | 3.059 |
| 248425.2 | 842920.1 | 132.6 | 31.632 | 19.995 | 32.3 | 37.421 | 13.5 | 29.779 | 0.397 | 1.567 | 75.8 | 1.617 | 25.3 | 3.034 | -0.105 | -2.0 | 3.036 |
| 248424.5 | 842919.4 | 132.7 | 31.506 | 19.914 | 32.3 | 37.272 | 13.5 | 29.660 | 0.395 | 1.564 | 75.8 | 1.613 | 25.2 | 3.011 | -0.094 | -1.8 | 3.013 |
| 248423.8 | 842918.7 | 132.7 | 31.392 | 19.839 | 32.3 | 37.135 | 13.6 | 29.551 | 0.394 | 1.561 | 75.8 | 1.609 | 25.2 | 2.989 | -0.079 | -1.5 | 2.990 |
| 248423.1 | 842918.0 | 132.7 | 31.292 | 19.774 | 32.3 | 37.016 | 13.7 | 29.456 | 0.394 | 1.558 | 75.8 | 1.607 | 25.3 | 2.968 | -0.059 | -1.1 | 2.968 |
| 248422.4 | 842917.3 | 132.8 | 31.190 | 19.707 | 32.3 | 36.894 | 13.7 | 29.359 | 0.395 | 1.555 | 75.8 | 1.604 | 25.4 | 2.947 | -0.041 | -0.8 | 2.947 |
| 248421.7 | 842916.6 | 132.8 | 31.086 | 19.639 | 32.3 | 36.770 | 13.8 | 29.261 | 0.395 | 1.553 | 75.7 | 1.602 | 25.4 | 2.927 | -0.026 | -0.5 | 2.927 |
| 248421.0 | 842915.8 | 132.9 | 30.996 | 19.580 | 32.3 | 36.663 | 13.8 | 29.175 | 0.396 | 1.551 | 75.7 | 1.600 | 25.6 | 2.907 | -0.006 | -0.1 | 2.907 |
| 248420.3 | 842915.1 | 132.9 | 30.932 | 19.537 | 32.3 | 36.586 | 13.8 | 29.114 | 0.401 | 1.549 | 75.5 | 1.600 | 25.9 | 2.889 | 0.024 | 0.5 | 2.889 |
| 248419.6 | 842914.4 | 133.0 | 30.866 | 19.493 | 32.3 | 36.506 | 13.9 | 29.050 | 0.405 | 1.547 | 75.3 | 1.599 | 26.2 | 2.872 | 0.051 | 1.0 | 2.872 |
| 248418.9 | 842913.7 | 133.0 | 30.800 | 19.450 | 32.3 | 36.427 | 13.9 | 28.988 | 0.410 | 1.545 | 75.2 | 1.598 | 26.5 | 2.855 | 0.079 | 1.6 | 2.856 |
| 248418.2 | 842913.0 | 133.1 | 30.734 | 19.405 | 32.3 | 36.347 | 13.9 | 28.924 | 0.414 | 1.543 | 75.0 | 1.598 | 26.8 | 2.839 | 0.105 | 2.1 | 2.841 |
| 248417.5 | 842912.2 | 133.1 | 30.665 | 19.360 | 32.3 | 36.265 | 14.0 | 28.859 | 0.418 | 1.542 | 74.8 | 1.597 | 27.1 | 2.825 | 0.130 | 2.6 | 2.828 |
| 248416.8 | 842911.5 | 133.2 | 30.595 | 19.313 | 32.3 | 36.181 | 14.0 | 28.792 | 0.422 | 1.540 | 74.7 | 1.597 | 27.4 | 2.811 | 0.153 | 3.1 | 2.815 |
| 248416.1 | 842910.8 | 133.3 | 30.523 | 19.265 | 32.3 | 36.094 | 14.0 | 28.723 | 0.426 | 1.538 | 74.5 | 1.596 | 27.7 | 2.797 | 0.176 | 3.6 | 2.803 |
| 248415.5 | 842910.1 | 133.3 | 30.448 | 19.216 | 32.3 | 36.005 | 14.1 | 28.652 | 0.430 | 1.536 | 74.4 | 1.595 | 28.0 | 2.785 | 0.197 | 4.0 | 2.792 |
| 248414.8 | 842909.4 | 133.4 | 30.372 | 19.165 | 32.3 | 35.913 | 14.1 | 28.579 | 0.434 | 1.534 | 74.2 | 1.594 | 28.3 | 2.773 | 0.217 | 4.5 | 2.782 |
| 248414.1 | 842908.7 | 133.4 | 30.293 | 19.113 | 32.3 | 35.819 | 14.2 | 28.504 | 0.437 | 1.532 | 74.1 | 1.593 | 28.5 | 2.762 | 0.237 | 4.9 | 2.773 |
| 248413.4 | 842907.9 | 133.5 | 30.212 | 19.060 | 32.2 | 35.722 | 14.2 | 28.427 | 0.441 | 1.530 | 73.9 | 1.592 | 28.8 | 2.752 | 0.257 | 5.3 | 2.764 |
| 248412.7 | 842907.2 | 133.5 | 30.075 | 18.972 | 32.2 | 35.559 | 14.3 | 28.297 | 0.438 | 1.527 | 74.0 | 1.588 | 28.7 | 2.741 | 0.251 | 5.2 | 2.753 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248412.0 | 842906.5 | 133.5 | 29.925 | 18.875 | 32.2 | 35.380 | 14.3 | 28.154 | 0.434 | 1.524 | 74.1 | 1.584 | 28.5 | 2.731 | 0.240 | 5.0 | 2.741 |
| 248411.3 | 842905.8 | 133.6 | 29.773 | 18.777 | 32.2 | 35.199 | 14.4 | 28.011 | 0.430 | 1.520 | 74.2 | 1.580 | 28.3 | 2.721 | 0.230 | 4.8 | 2.730 |
| 248410.6 | 842905.1 | 133.6 | 29.620 | 18.679 | 32.2 | 35.017 | 14.5 | 27.866 | 0.427 | 1.517 | 74.3 | 1.575 | 28.1 | 2.710 | 0.220 | 4.6 | 2.719 |
| 248409.9 | 842904.3 | 133.7 | 29.465 | 18.580 | 32.2 | 34.834 | 14.6 | 27.720 | 0.423 | 1.513 | 74.4 | 1.571 | 27.9 | 2.700 | 0.210 | 4.4 | 2.708 |
| 248409.2 | 842903.6 | 133.7 | 29.310 | 18.480 | 32.2 | 34.649 | 14.6 | 27.573 | 0.419 | 1.509 | 74.5 | 1.566 | 27.7 | 2.690 | 0.201 | 4.3 | 2.698 |
| 248408.5 | 842902.9 | 133.7 | 29.153 | 18.379 | 32.2 | 34.463 | 14.7 | 27.425 | 0.416 | 1.505 | 74.6 | 1.561 | 27.6 | 2.680 | 0.194 | 4.1 | 2.687 |
| 248407.8 | 842902.2 | 133.8 | 28.995 | 18.277 | 32.2 | 34.275 | 14.8 | 27.275 | 0.413 | 1.500 | 74.6 | 1.556 | 27.4 | 2.669 | 0.187 | 4.0 | 2.676 |
| 248407.1 | 842901.5 | 133.8 | 28.887 | 18.207 | 32.2 | 34.146 | 14.8 | 27.173 | 0.416 | 1.496 | 74.5 | 1.553 | 27.7 | 2.659 | 0.206 | 4.4 | 2.667 |
| 248406.4 | 842900.8 | 133.9 | 28.780 | 18.138 | 32.2 | 34.019 | 14.9 | 27.071 | 0.419 | 1.492 | 74.3 | 1.549 | 28.0 | 2.649 | 0.227 | 4.9 | 2.659 |
| 248405.7 | 842900.0 | 133.9 | 28.672 | 18.068 | 32.2 | 33.890 | 14.9 | 26.969 | 0.422 | 1.487 | 74.2 | 1.546 | 28.3 | 2.638 | 0.249 | 5.4 | 2.650 |
| 248405.0 | 842899.3 | 134.0 | 28.562 | 17.997 | 32.2 | 33.759 | 15.0 | 26.865 | 0.425 | 1.482 | 74.0 | 1.542 | 28.6 | 2.627 | 0.271 | 5.9 | 2.641 |
| 248404.3 | 842898.6 | 134.0 | 28.451 | 17.924 | 32.2 | 33.626 | 15.1 | 26.759 | 0.429 | 1.478 | 73.8 | 1.538 | 28.9 | 2.616 | 0.295 | 6.4 | 2.632 |
| 248403.6 | 842897.9 | 134.0 | 28.260 | 17.803 | 32.2 | 33.400 | 15.1 | 26.579 | 0.423 | 1.472 | 74.0 | 1.531 | 28.6 | 2.602 | 0.283 | 6.2 | 2.617 |
| 248402.9 | 842897.2 | 134.1 | 28.042 | 17.664 | 32.2 | 33.141 | 15.2 | 26.373 | 0.415 | 1.465 | 74.2 | 1.523 | 28.1 | 2.586 | 0.258 | 5.7 | 2.599 |
| 248402.2 | 842896.4 | 134.1 | 27.823 | 17.525 | 32.2 | 32.882 | 15.3 | 26.167 | 0.406 | 1.459 | 74.5 | 1.515 | 27.6 | 2.571 | 0.234 | 5.2 | 2.581 |
| 248401.5 | 842895.7 | 134.1 | 27.605 | 17.386 | 32.2 | 32.623 | 15.4 | 25.961 | 0.398 | 1.453 | 74.7 | 1.506 | 27.1 | 2.555 | 0.210 | 4.7 | 2.563 |
| 248400.8 | 842895.0 | 134.1 | 27.386 | 17.247 | 32.2 | 32.364 | 15.5 | 25.755 | 0.389 | 1.447 | 74.9 | 1.498 | 26.5 | 2.538 | 0.187 | 4.2 | 2.545 |
| 248400.1 | 842894.3 | 134.1 | 27.168 | 17.108 | 32.2 | 32.105 | 15.6 | 25.549 | 0.381 | 1.440 | 75.2 | 1.490 | 26.0 | 2.522 | 0.164 | 3.7 | 2.527 |
| 248399.4 | 842893.6 | 134.2 | 27.008 | 17.006 | 32.2 | 31.916 | 15.7 | 25.398 | 0.379 | 1.435 | 75.2 | 1.484 | 26.0 | 2.507 | 0.170 | 3.9 | 2.513 |
| 248398.7 | 842892.9 | 134.2 | 26.852 | 16.906 | 32.2 | 31.731 | 15.8 | 25.251 | 0.378 | 1.429 | 75.2 | 1.478 | 26.0 | 2.492 | 0.178 | 4.1 | 2.499 |
| 248398.1 | 842892.1 | 134.3 | 26.697 | 16.807 | 32.2 | 31.547 | 15.9 | 25.105 | 0.377 | 1.424 | 75.2 | 1.473 | 26.0 | 2.478 | 0.187 | 4.3 | 2.485 |
| 248397.4 | 842891.4 | 134.3 | 26.552 | 16.714 | 32.2 | 31.375 | 15.9 | 24.967 | 0.378 | 1.418 | 75.1 | 1.468 | 26.1 | 2.464 | 0.200 | 4.6 | 2.472 |
| 248396.7 | 842890.7 | 134.4 | 26.405 | 16.620 | 32.2 | 31.201 | 16.0 | 24.829 | 0.378 | 1.413 | 75.0 | 1.463 | 26.1 | 2.451 | 0.213 | 5.0 | 2.460 |
| 248396.0 | 842890.0 | 134.4 | 26.258 | 16.526 | 32.2 | 31.025 | 16.1 | 24.689 | 0.377 | 1.408 | 75.0 | 1.457 | 26.2 | 2.438 | 0.225 | 5.3 | 2.448 |
| 248395.3 | 842889.3 | 134.4 | 26.109 | 16.431 | 32.2 | 30.849 | 16.2 | 24.549 | 0.377 | 1.402 | 74.9 | 1.452 | 26.2 | 2.425 | 0.238 | 5.6 | 2.436 |
| 248394.6 | 842888.5 | 134.5 | 25.972 | 16.352 | 32.2 | 30.691 | 16.2 | 24.423 | 0.377 | 1.399 | 74.9 | 1.449 | 26.2 | 2.406 | 0.248 | 5.9 | 2.419 |
| 248393.9 | 842887.8 | 134.5 | 25.822 | 16.256 | 32.2 | 30.513 | 16.3 | 24.281 | 0.377 | 1.394 | 74.9 | 1.444 | 26.3 | 2.394 | 0.260 | 6.2 | 2.408 |
| 248393.2 | 842887.1 | 134.6 | 25.708 | 16.183 | 32.2 | 30.378 | 16.4 | 24.174 | 0.381 | 1.389 | 74.7 | 1.440 | 26.7 | 2.384 | 0.290 | 6.9 | 2.401 |
| 248392.5 | 842886.4 | 134.6 | 25.590 | 16.108 | 32.2 | 30.238 | 16.4 | 24.062 | 0.384 | 1.384 | 74.5 | 1.436 | 27.0 | 2.374 | 0.319 | 7.7 | 2.395 |
| 248391.8 | 842885.7 | 134.7 | 25.409 | 15.992 | 32.2 | 30.023 | 16.5 | 23.891 | 0.380 | 1.378 | 74.6 | 1.429 | 26.8 | 2.361 | 0.316 | 7.6 | 2.382 |
| 248391.1 | 842885.0 | 134.7 | 25.227 | 15.877 | 32.2 | 29.808 | 16.6 | 23.720 | 0.377 | 1.371 | 74.6 | 1.422 | 26.6 | 2.349 | 0.313 | 7.6 | 2.370 |
| 248390.4 | 842884.2 | 134.7 | 25.045 | 15.761 | 32.2 | 29.592 | 16.7 | 23.549 | 0.373 | 1.365 | 74.7 | 1.415 | 26.4 | 2.338 | 0.311 | 7.6 | 2.358 |
| 248389.7 | 842883.5 | 134.8 | 24.863 | 15.646 | 32.2 | 29.376 | 16.8 | 23.377 | 0.370 | 1.359 | 74.8 | 1.408 | 26.2 | 2.326 | 0.309 | 7.6 | 2.346 |
| 248389.0 | 842882.8 | 134.8 | 24.681 | 15.530 | 32.2 | 29.160 | 16.8 | 23.205 | 0.367 | 1.353 | 74.8 | 1.401 | 26.1 | 2.315 | 0.306 | 7.5 | 2.335 |
| 248388.3 | 842882.1 | 134.8 | 24.498 | 15.414 | 32.2 | 28.944 | 16.9 | 23.033 | 0.363 | 1.346 | 74.9 | 1.394 | 25.9 | 2.304 | 0.304 | 7.5 | 2.324 |
| 248387.6 | 842881.4 | 134.9 | 24.315 | 15.298 | 32.2 | 28.727 | 17.0 | 22.860 | 0.360 | 1.340 | 74.9 | 1.387 | 25.7 | 2.293 | 0.303 | 7.5 | 2.313 |
| 248386.9 | 842880.6 | 134.9 | 24.132 | 15.182 | 32.2 | 28.510 | 17.1 | 22.688 | 0.357 | 1.333 | 75.0 | 1.380 | 25.6 | 2.283 | 0.302 | 7.5 | 2.303 |
| 248386.2 | 842879.9 | 135.0 | 23.949 | 15.065 | 32.2 | 28.293 | 17.2 | 22.515 | 0.354 | 1.326 | 75.0 | 1.373 | 25.4 | 2.272 | 0.301 | 7.5 | 2.292 |
| 248385.5 | 842879.2 | 135.0 | 23.766 | 14.949 | 32.2 | 28.077 | 17.3 | 22.343 | 0.351 | 1.320 | 75.1 | 1.366 | 25.3 | 2.262 | 0.300 | 7.5 | 2.282 |
| 248384.8 | 842878.5 | 135.0 | 23.583 | 14.833 | 32.2 | 27.860 | 17.4 | 22.170 | 0.349 | 1.313 | 75.1 | 1.358 | 25.1 | 2.252 | 0.299 | 7.6 | 2.272 |
| 248384.1 | 842877.8 | 135.1 | 23.400 | 14.717 | 32.2 | 27.643 | 17.4 | 21.998 | 0.346 | 1.306 | 75.2 | 1.351 | 25.0 | 2.242 | 0.299 | 7.6 | 2.261 |
| 248383.4 | 842877.1 | 135.1 | 23.217 | 14.602 | 32.2 | 27.427 | 17.5 | 21.826 | 0.343 | 1.299 | 75.2 | 1.344 | 24.8 | 2.232 | 0.298 | 7.6 | 2.251 |
| 248382.7 | 842876.3 | 135.1 | 23.034 | 14.486 | 32.2 | 27.210 | 17.6 | 21.653 | 0.341 | 1.292 | 75.2 | 1.336 | 24.7 | 2.221 | 0.298 | 7.6 | 2.241 |
| 248382.0 | 842875.6 | 135.2 | 22.851 | 14.370 | 32.2 | 26.994 | 17.7 | 21.481 | 0.338 | 1.285 | 75.3 | 1.329 | 24.6 | 2.211 | 0.298 | 7.7 | 2.231 |
| 248381.3 | 842874.9 | 135.2 | 22.669 | 14.255 | 32.2 | 26.778 | 17.8 | 21.309 | 0.336 | 1.278 | 75.3 | 1.322 | 24.4 | 2.201 | 0.298 | 7.7 | 2.221 |
| 248380.7 | 842874.2 | 135.2 | 22.498 | 14.146 | 32.2 | 26.576 | 17.9 | 21.148 | 0.335 | 1.271 | 75.3 | 1.315 | 24.4 | 2.191 | 0.305 | 7.9 | 2.212 |
| 248380.0 | 842873.5 | 135.3 | 22.338 | 14.045 | 32.2 | 26.386 | 17.9 | 20.998 | 0.335 | 1.265 | 75.2 | 1.308 | 24.5 | 2.182 | 0.317 | 8.3 | 2.205 |
| 248379.3 | 842872.8 | 135.3 | 22.178 | 13.943 | 32.2 | 26.197 | 18.0 | 20.847 | 0.335 | 1.258 | 75.1 | 1.301 | 24.6 | 2.172 | 0.329 | 8.6 | 2.197 |
| 248378.6 | 842872.0 | 135.4 | 22.018 | 13.842 | 32.2 | 26.007 | 18.1 | 20.696 | 0.335 | 1.251 | 75.0 | 1.295 | 24.7 | 2.163 | 0.342 | 9.0 | 2.190 |
| 248377.9 | 842871.3 | 135.4 | 21.854 | 13.738 | 32.2 | 25.813 | 18.2 | 20.541 | 0.334 | 1.244 | 75.0 | 1.288 | 24.8 | 2.153 | 0.352 | 9.3 | 2.182 |
| 248377.2 | 842870.6 | 135.4 | 21.628 | 13.596 | 32.2 | 25.547 | 18.3 | 20.329 | 0.327 | 1.236 | 75.2 | 1.279 | 24.2 | 2.139 | 0.328 | 8.7 | 2.164 |
| 248376.5 | 842869.9 | 135.4 | 21.405 | 13.455 | 32.2 | 25.282 | 18.4 | 20.119 | 0.321 | 1.228 | 75.4 | 1.270 | 23.6 | 2.124 | 0.305 | 8.2 | 2.146 |
| 248375.8 | 842869.2 | 135.4 | 21.182 | 13.315 | 32.2 | 25.019 | 18.5 | 19.910 | 0.315 | 1.221 | 75.6 | 1.261 | 23.1 | 2.110 | 0.282 | 7.6 | 2.129 |
| 248375.1 | 842868.4 | 135.5 | 20.989 | 13.193 | 32.2 | 24.791 | 18.6 | 19.728 | 0.311 | 1.213 | 75.6 | 1.253 | 22.8 | 2.097 | 0.276 | 7.5 | 2.115 |
| 248374.4 | 842867.7 | 135.5 | 20.815 | 13.083 | 32.2 | 24.585 | 18.7 | 19.564 | 0.310 | 1.206 | 75.6 | 1.245 | 22.8 | 2.085 | 0.279 | 7.6 | 2.104 |
| 248373.7 | 842867.0 | 135.5 | 20.641 | 12.973 | 32.1 | 24.379 | 18.7 | 19.400 | 0.308 | 1.199 | 75.6 | 1.238 | 22.7 | 2.073 | 0.283 | 7.8 | 2.092 |
| 248373.0 | 842866.3 | 135.6 | 20.467 | 12.863 | 32.1 | 24.173 | 18.8 | 19.237 | 0.307 | 1.191 | 75.6 | 1.230 | 22.6 | 2.061 | 0.286 | 7.9 | 2.081 |
| 248372.3 | 842865.6 | 135.6 | 20.294 | 12.753 | 32.1 | 23.968 | 18.9 | 19.073 | 0.306 | 1.184 | 75.5 | 1.223 | 22.6 | 2.049 | 0.290 | 8.1 | 2.070 |
| 248371.6 | 842864.9 | 135.7 | 20.142 | 12.657 | 32.1 | 23.789 | 19.0 | 18.931 | 0.306 | 1.177 | 75.4 | 1.216 | 22.7 | 2.039 | 0.306 | 8.5 | 2.061 |
| 248370.9 | 842864.1 | 135.7 | 19.994 | 12.564 | 32.1 | 23.614 | 19.1 | 18.791 | 0.307 | 1.169 | 75.3 | 1.209 | 22.9 | 2.028 | 0.324 | 9.1 | 2.054 |
| 248370.2 | 842863.4 | 135.8 | 19.846 | 12.470 | 32.1 | 23.439 | 19.1 | 18.652 | 0.308 | 1.162 | 75.1 | 1.202 | 23.1 | 2.018 | 0.341 | 9.6 | 2.047 |
| 248369.5 | 842862.7 | 135.8 | 19.698 | 12.376 | 32.1 | 23.263 | 19.2 | 18.512 | 0.309 | 1.155 | 75.0 | 1.196 | 23.3 | 2.008 | 0.358 | 10.1 | 2.039 |
| 248368.8 | 842862.0 | 135.9 | 19.550 | 12.282 | 32.1 | 23.088 | 19.3 | 18.373 | 0.310 | 1.148 | 74.9 | 1.189 | 23.4 | 1.997 | 0.374 | 10.6 | 2.032 |
| 248368.1 | 842861.3 | 135.9 | 19.380 | 12.175 | 32.1 | 22.887 | 19.4 | 18.213 | 0.308 | 1.140 | 74.9 | 1.181 | 23.4 | 1.985 | 0.378 | 10.8 | 2.021 |
| 248367.4 | 842860.5 | 135.9 | 19.208 | 12.067 | 32.1 | 22.684 | 19.4 | 18.051 | 0.306 | 1.133 | 74.9 | 1.174 | 23.3 | 1.972 | 0.380 | 10.9 | 2.009 |
| 248366.7 | 842859.8 | 136.0 | 19.037 | 11.959 | 32.1 | 22.481 | 19.5 | 17.890 | 0.305 | 1.125 | 74.9 | 1.166 | 23.2 | 1.960 | 0.381 | 11.0 | 1.997 |
| 248366.0 | 842859.1 | 136.0 | 18.867 | 11.851 | 32.1 | 22.280 | 19.6 | 17.730 | 0.303 | 1.118 | 74.8 | 1.158 | 23.0 | 1.948 | 0.383 | 11.1 | 1.985 |
| 248365.3 | 842858.4 | 136.0 | 18.697 | 11.744 | 32.1 | 22.079 | 19.7 | 17.570 | 0.301 | 1.111 | 74.8 | 1.151 | 22.9 | 1.935 | 0.384 | 11.2 | 1.973 |
| 248364.6 | 842857.7 | 136.1 | 18.528 | 11.637 | 32.1 | 21.879 | 19.8 | 17.411 | 0.299 | 1.103 | 74.8 | 1.143 | 22.8 | 1.923 | 0.385 | 11.3 | 1.961 |
| 248363.9 | 842857.0 | 136.1 | 18.360 | 11.531 | 32.1 | 21.681 | 19.8 | 17.253 | 0.297 | 1.096 | 74.8 | 1.135 | 22.7 | 1.911 | 0.387 | 11.4 | 1.950 |
| 248363.3 | 842856.2 | 136.1 | 18.193 | 11.426 | 32.1 | 21.483 | 19.9 | 17.096 | 0.295 | 1.088 | 74.8 | 1.128 | 22.5 | 1.899 | 0.388 | 11.5 | 1.938 |
| 248362.6 | 842855.5 | 136.2 | 18.026 | 11.321 | 32.1 | 21.287 | 20.0 | 16.939 | 0.294 | 1.081 | 74.8 | 1.120 | 22.4 | 1.887 | 0.388 | 11.6 | 1.926 |
| 248361.9 | 842854.8 | 136.2 | 17.861 | 11.217 | 32.1 | 21.091 | 20.1 | 16.783 | 0.292 | 1.074 | 74.8 | 1.112 | 22.3 | 1.874 | 0.389 | 11.7 | 1.914 |
| 248361.2 | 842854.1 | 136.2 | 17.696 | 11.113 | 32.1 | 20.896 | 20.2 | 16.628 | 0.290 | 1.066 | 74.8 | 1.105 | 22.1 | 1.862 | 0.389 | 11.8 | 1.903 |
| 248360.5 | 842853.4 | 136.3 | 17.532 | 11.009 | 32.1 | 20.702 | 20.2 | 16.474 | 0.288 | 1.059 | 74.8 | 1.097 | 22.0 | 1.850 | 0.389 | 11.9 | 1.891 |
| 248359.8 | 842852.6 | 136.3 | 17.368 | 10.906 | 32.1 | 20.509 | 20.3 | 16.320 | 0.286 | 1.051 | 74.8 | 1.090 | 21.8 | 1.838 | 0.389 | 12.0 | 1.879 |
| 248359.1 | 842851.9 | 136.4 | 17.206 | 10.804 | 32.1 | 20.316 | 20.4 | 16.167 | 0.284 | 1.044 | 74.8 | 1.082 | 21.7 | 1.826 | 0.389 | 12.0 | 1.867 |
| 248358.4 | 842851.2 | 136.4 | 17.044 | 10.702 | 32.1 | 20.125 | 20.5 | 16.015 | 0.282 | 1.037 | 74.8 | 1.074 | 21.5 | 1.814 | 0.388 | 12.1 | 1.855 |
| 248357.7 | 842850.5 | 136.4 | 16.883 | 10.601 | 32.1 | 19.935 | 20.5 | 15.864 | 0.280 | 1.029 | 74.8 | 1.067 | 21.4 | 1.802 | 0.387 | 12.1 | 1.843 |
| 248357.0 | 842849.8 | 136.5 | 16.714 | 10.494 | 32.1 | 19.735 | 20.6 | 15.705 | 0.278 | 1.022 | 74.8 | 1.059 | 21.1 | 1.789 | 0.380 | 12.0 | 1.829 |
| 248356.3 | 842849.1 | 136.5 | 16.545 | 10.388 | 32.1 | 19.535 | 20.7 | 15.546 | 0.275 | 1.015 | 74.8 | 1.051 | 20.8 | 1.776 | 0.372 | 11.8 | 1.814 |
| 248355.6 | 842848.3 | 136.5 | 16.377 | 10.282 | 32.1 | 19.337 | 20.8 | 15.388 | 0.272 | 1.007 | 74.9 | 1.043 | 20.5 | 1.762 | 0.364 | 11.7 | 1.800 |
| 248354.9 | 842847.6 | 136.5 | 16.210 | 10.177 | 32.1 | 19.139 | 20.9 | 15.231 | 0.269 | 1.000 | 74.9 | 1.035 | 20.2 | 1.749 | 0.355 | 11.5 | 1.785 |
| 248354.2 | 842846.9 | 136.6 | 16.044 | 10.073 | 32.1 | 18.943 | 20.9 | 15.075 | 0.267 | 0.993 | 75.0 | 1.028 | 19.8 | 1.736 | 0.346 | 11.3 | 1.770 |
| 248353.5 | 842846.2 | 136.6 | 15.879 | 9.969 | 32.1 | 18.749 | 21.0 | 14.920 | 0.264 | 0.985 | 75.0 | 1.020 | 19.5 | 1.722 | 0.337 | 11.1 | 1.755 |
| 248352.8 | 842845.5 | 136.6 | 15.715 | 9.866 | 32.1 | 18.555 | 21.1 | 14.766 | 0.261 | 0.978 | 75.0 | 1.012 | 19.2 | 1.709 | 0.328 | 10.9 | 1.740 |
| 248352.1 | 842844.7 | 136.7 | 15.622 | 9.807 | 32.1 | 18.446 | 21.1 | 14.679 | 0.265 | 0.972 | 74.8 | 1.007 | 19.8 | 1.704 | 0.364 | 12.0 | 1.743 |

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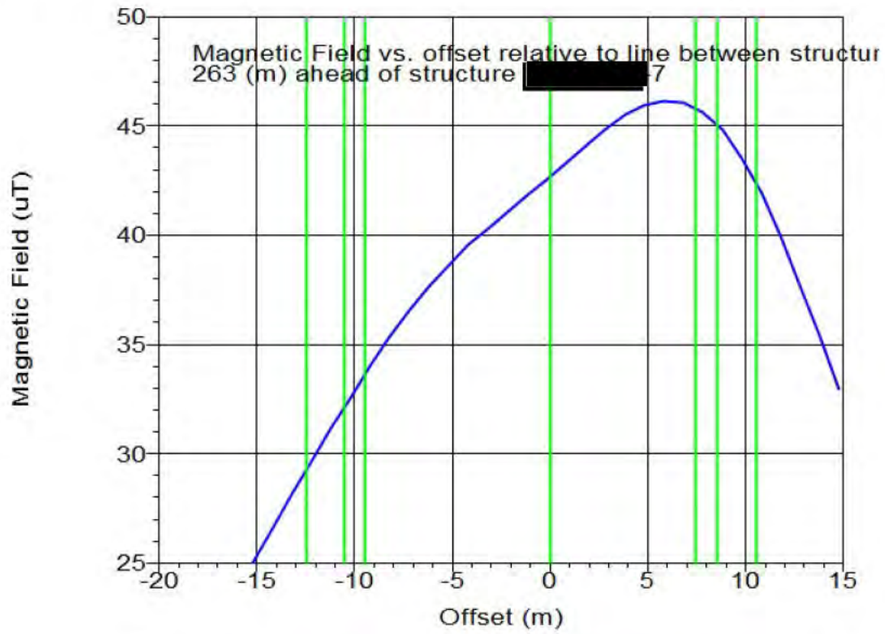
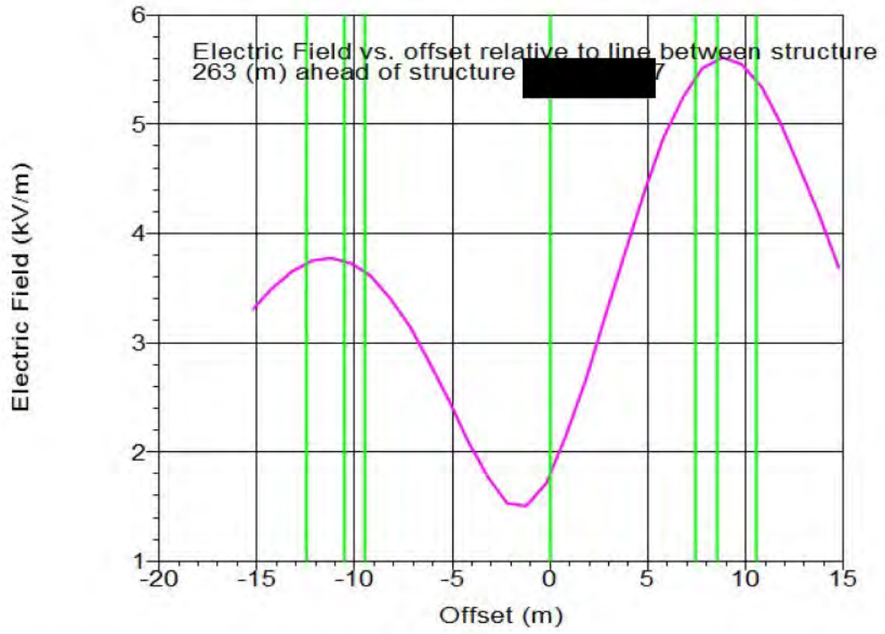
| 248351.4 | 842844.0 | 136.8 | 15.548 | 9.760 | 32.1 | 18.358 | 21.2 | 14.609 | 0.269 | 0.965 | 74.4 | 1.002 | 20.6 | 1.702 | 0.411 | 13.6 | 1.751 |
| 248350.7 | 842843.3 | 136.9 | 15.457 | 9.702 | 32.1 | 18.249 | 21.2 | 14.522 | 0.272 | 0.959 | 74.2 | 0.997 | 21.2 | 1.698 | 0.446 | 14.7 | 1.756 |
| 248350.0 | 842842.6 | 136.9 | 15.304 | 9.606 | 32.1 | 18.069 | 21.3 | 14.379 | 0.270 | 0.952 | 74.2 | 0.990 | 21.0 | 1.686 | 0.440 | 14.6 | 1.743 |
| 248349.3 | 842841.9 | 136.9 | 15.118 | 9.489 | 32.1 | 17.849 | 21.4 | 14.203 | 0.265 | 0.945 | 74.3 | 0.981 | 20.3 | 1.669 | 0.411 | 13.8 | 1.719 |
| 248348.6 | 842841.2 | 136.9 | 14.946 | 9.381 | 32.1 | 17.646 | 21.5 | 14.042 | 0.261 | 0.938 | 74.4 | 0.973 | 19.8 | 1.654 | 0.390 | 13.3 | 1.700 |
| 248347.9 | 842840.4 | 137.0 | 14.791 | 9.284 | 32.1 | 17.463 | 21.5 | 13.897 | 0.259 | 0.931 | 74.5 | 0.966 | 19.5 | 1.641 | 0.380 | 13.0 | 1.685 |
| 248347.2 | 842839.7 | 137.0 | 14.638 | 9.187 | 32.1 | 17.282 | 21.6 | 13.753 | 0.257 | 0.924 | 74.5 | 0.959 | 19.1 | 1.628 | 0.369 | 12.8 | 1.669 |
| 248346.5 | 842839.0 | 137.0 | 14.483 | 9.090 | 32.1 | 17.100 | 21.7 | 13.607 | 0.254 | 0.917 | 74.5 | 0.952 | 18.8 | 1.615 | 0.357 | 12.5 | 1.654 |
| 248345.9 | 842838.3 | 137.1 | 14.303 | 8.977 | 32.1 | 16.887 | 21.8 | 13.438 | 0.250 | 0.910 | 74.7 | 0.944 | 18.1 | 1.597 | 0.325 | 11.5 | 1.630 |
| 248345.2 | 842837.6 | 137.1 | 14.125 | 8.865 | 32.1 | 16.677 | 21.9 | 13.271 | 0.245 | 0.903 | 74.8 | 0.936 | 17.4 | 1.580 | 0.294 | 10.6 | 1.607 |
| 248344.5 | 842836.8 | 137.1 | 13.953 | 8.757 | 32.1 | 16.473 | 21.9 | 13.109 | 0.242 | 0.896 | 74.9 | 0.928 | 16.7 | 1.562 | 0.266 | 9.6 | 1.585 |
| 248343.8 | 842836.1 | 137.1 | 13.786 | 8.652 | 32.1 | 16.276 | 22.0 | 12.952 | 0.238 | 0.890 | 75.0 | 0.921 | 16.1 | 1.546 | 0.240 | 8.8 | 1.564 |
| 248343.1 | 842835.4 | 137.1 | 13.623 | 8.550 | 32.1 | 16.083 | 22.1 | 12.799 | 0.235 | 0.883 | 75.1 | 0.914 | 15.5 | 1.529 | 0.215 | 8.0 | 1.544 |
| 248342.4 | 842834.7 | 137.1 | 13.483 | 8.462 | 32.1 | 15.918 | 22.2 | 12.667 | 0.234 | 0.877 | 75.1 | 0.907 | 15.2 | 1.516 | 0.206 | 7.7 | 1.530 |
| 248341.7 | 842834.0 | 137.2 | 13.346 | 8.376 | 32.1 | 15.757 | 22.2 | 12.539 | 0.232 | 0.870 | 75.0 | 0.901 | 15.0 | 1.502 | 0.197 | 7.5 | 1.515 |
| 248341.0 | 842833.3 | 137.3 | 13.263 | 8.323 | 32.1 | 15.658 | 22.3 | 12.460 | 0.235 | 0.864 | 74.8 | 0.896 | 15.6 | 1.497 | 0.226 | 8.6 | 1.514 |
| 248340.3 | 842832.5 | 137.3 | 13.179 | 8.270 | 32.1 | 15.559 | 22.3 | 12.381 | 0.237 | 0.858 | 74.6 | 0.891 | 16.1 | 1.492 | 0.255 | 9.7 | 1.514 |
| 248339.6 | 842831.8 | 137.4 | 13.095 | 8.217 | 32.1 | 15.460 | 22.4 | 12.302 | 0.239 | 0.853 | 74.4 | 0.885 | 16.6 | 1.487 | 0.282 | 10.7 | 1.513 |
| 248338.9 | 842831.1 | 137.5 | 13.011 | 8.164 | 32.1 | 15.360 | 22.4 | 12.223 | 0.241 | 0.847 | 74.1 | 0.880 | 17.1 | 1.481 | 0.309 | 11.8 | 1.513 |
| 248338.2 | 842830.4 | 137.6 | 12.927 | 8.111 | 32.1 | 15.261 | 22.5 | 12.144 | 0.243 | 0.841 | 73.9 | 0.875 | 17.6 | 1.476 | 0.335 | 12.8 | 1.513 |
| 248337.5 | 842829.7 | 137.7 | 12.839 | 8.056 | 32.1 | 15.157 | 22.5 | 12.062 | 0.245 | 0.835 | 73.7 | 0.870 | 18.1 | 1.469 | 0.357 | 13.7 | 1.512 |
| 248336.8 | 842829.0 | 137.7 | 12.712 | 7.976 | 32.1 | 15.007 | 22.6 | 11.943 | 0.243 | 0.829 | 73.6 | 0.864 | 17.9 | 1.456 | 0.351 | 13.6 | 1.498 |
| 248336.1 | 842828.2 | 137.7 | 12.576 | 7.891 | 32.1 | 14.846 | 22.6 | 11.814 | 0.242 | 0.823 | 73.6 | 0.858 | 17.6 | 1.441 | 0.337 | 13.2 | 1.480 |
| 248335.4 | 842827.5 | 137.8 | 12.437 | 7.804 | 32.1 | 14.683 | 22.7 | 11.684 | 0.240 | 0.817 | 73.7 | 0.851 | 17.2 | 1.425 | 0.320 | 12.7 | 1.461 |
| 248334.7 | 842826.8 | 137.8 | 12.300 | 7.717 | 32.1 | 14.520 | 22.8 | 11.555 | 0.238 | 0.811 | 73.7 | 0.845 | 16.8 | 1.410 | 0.304 | 12.2 | 1.442 |
| 248334.0 | 842826.1 | 137.8 | 12.163 | 7.632 | 32.1 | 14.360 | 22.8 | 11.427 | 0.236 | 0.805 | 73.7 | 0.838 | 16.4 | 1.394 | 0.287 | 11.6 | 1.423 |
| 248333.3 | 842825.4 | 137.9 | 12.039 | 7.554 | 32.1 | 14.213 | 22.9 | 11.310 | 0.235 | 0.799 | 73.6 | 0.832 | 16.2 | 1.380 | 0.279 | 11.4 | 1.408 |
| 248332.6 | 842824.6 | 138.0 | 11.990 | 7.523 | 32.1 | 14.154 | 22.9 | 11.264 | 0.238 | 0.793 | 73.3 | 0.828 | 17.2 | 1.380 | 0.326 | 13.3 | 1.418 |
| 248331.9 | 842823.9 | 138.1 | 11.939 | 7.491 | 32.1 | 14.095 | 23.0 | 11.216 | 0.242 | 0.788 | 72.9 | 0.824 | 18.2 | 1.380 | 0.372 | 15.1 | 1.429 |
| 248331.2 | 842823.2 | 138.2 | 11.861 | 7.442 | 32.1 | 14.002 | 23.0 | 11.143 | 0.244 | 0.782 | 72.7 | 0.819 | 18.7 | 1.375 | 0.397 | 16.1 | 1.431 |
| 248330.5 | 842822.5 | 138.2 | 11.726 | 7.357 | 32.1 | 13.843 | 23.1 | 11.016 | 0.241 | 0.776 | 72.7 | 0.813 | 18.3 | 1.359 | 0.378 | 15.6 | 1.411 |
| 248329.8 | 842821.8 | 138.2 | 11.597 | 7.276 | 32.1 | 13.691 | 23.1 | 10.895 | 0.240 | 0.770 | 72.7 | 0.806 | 17.9 | 1.344 | 0.364 | 15.2 | 1.393 |
| 248329.1 | 842821.1 | 138.3 | 11.470 | 7.197 | 32.1 | 13.540 | 23.2 | 10.775 | 0.238 | 0.764 | 72.7 | 0.800 | 17.6 | 1.329 | 0.350 | 14.8 | 1.375 |
| 248328.5 | 842820.3 | 138.3 | 11.343 | 7.118 | 32.1 | 13.391 | 23.3 | 10.656 | 0.236 | 0.758 | 72.7 | 0.794 | 17.3 | 1.315 | 0.336 | 14.3 | 1.357 |
| 248327.8 | 842819.6 | 138.4 | 11.301 | 7.091 | 32.1 | 13.341 | 23.3 | 10.617 | 0.240 | 0.752 | 72.3 | 0.790 | 18.4 | 1.317 | 0.386 | 16.3 | 1.373 |
| 248327.1 | 842818.9 | 138.5 | 11.213 | 7.036 | 32.1 | 13.238 | 23.3 | 10.534 | 0.241 | 0.747 | 72.1 | 0.784 | 18.7 | 1.310 | 0.401 | 17.0 | 1.370 |
| 248326.4 | 842818.2 | 138.6 | 11.125 | 6.981 | 32.1 | 13.134 | 23.4 | 10.452 | 0.241 | 0.741 | 72.0 | 0.779 | 19.1 | 1.304 | 0.415 | 17.6 | 1.368 |
| 248325.7 | 842817.5 | 138.6 | 11.009 | 6.908 | 32.1 | 12.997 | 23.4 | 10.343 | 0.240 | 0.735 | 71.9 | 0.773 | 18.9 | 1.291 | 0.406 | 17.4 | 1.354 |
| 248325.0 | 842816.7 | 138.7 | 10.886 | 6.832 | 32.1 | 12.853 | 23.5 | 10.228 | 0.238 | 0.729 | 71.9 | 0.767 | 18.6 | 1.277 | 0.392 | 17.0 | 1.336 |
| 248324.3 | 842816.0 | 138.7 | 10.765 | 6.756 | 32.1 | 12.710 | 23.6 | 10.114 | 0.236 | 0.723 | 71.9 | 0.761 | 18.3 | 1.264 | 0.377 | 16.6 | 1.319 |
| 248323.6 | 842815.3 | 138.7 | 10.645 | 6.681 | 32.1 | 12.568 | 23.6 | 10.001 | 0.234 | 0.717 | 71.9 | 0.754 | 18.0 | 1.250 | 0.363 | 16.2 | 1.301 |
| 248322.9 | 842814.6 | 138.8 | 10.527 | 6.608 | 32.1 | 12.429 | 23.7 | 9.891 | 0.233 | 0.711 | 71.9 | 0.748 | 17.7 | 1.236 | 0.349 | 15.8 | 1.285 |
| 248322.2 | 842813.9 | 138.6 | 10.267 | 6.446 | 32.1 | 12.123 | 23.8 | 9.647 | 0.223 | 0.704 | 72.5 | 0.739 | 14.8 | 1.190 | 0.220 | 10.5 | 1.210 |
| 248321.5 | 842813.2 | 138.7 | 10.147 | 6.372 | 32.1 | 11.981 | 23.9 | 9.534 | 0.221 | 0.699 | 72.4 | 0.733 | 14.3 | 1.175 | 0.202 | 9.8 | 1.192 |
| 248320.8 | 842812.4 | 138.7 | 10.039 | 6.305 | 32.1 | 11.855 | 24.0 | 9.434 | 0.220 | 0.693 | 72.4 | 0.727 | 14.2 | 1.163 | 0.193 | 9.4 | 1.179 |
| 248320.1 | 842811.7 | 138.8 | 9.933 | 6.239 | 32.1 | 11.730 | 24.0 | 9.334 | 0.219 | 0.688 | 72.3 | 0.722 | 14.0 | 1.150 | 0.183 | 9.1 | 1.165 |
| 248319.4 | 842811.0 | 138.8 | 9.824 | 6.171 | 32.1 | 11.602 | 24.1 | 9.233 | 0.218 | 0.682 | 72.3 | 0.716 | 13.7 | 1.137 | 0.171 | 8.6 | 1.150 |
| 248318.7 | 842810.3 | 138.8 | 9.674 | 6.078 | 32.1 | 11.425 | 24.2 | 9.092 | 0.215 | 0.677 | 72.4 | 0.710 | 12.6 | 1.114 | 0.123 | 6.3 | 1.120 |
| 248318.0 | 842809.6 | 138.8 | 9.563 | 6.009 | 32.1 | 11.294 | 24.2 | 8.987 | 0.213 | 0.672 | 72.4 | 0.705 | 12.2 | 1.099 | 0.105 | 5.5 | 1.104 |
| 248317.3 | 842808.8 | 138.9 | 9.512 | 5.978 | 32.1 | 11.235 | 24.3 | 8.940 | 0.215 | 0.667 | 72.2 | 0.701 | 13.0 | 1.099 | 0.138 | 7.2 | 1.108 |
| 248316.6 | 842808.1 | 139.1 | 9.510 | 5.977 | 32.2 | 11.232 | 24.3 | 8.938 | 0.219 | 0.663 | 71.7 | 0.698 | 14.7 | 1.111 | 0.211 | 10.7 | 1.131 |
| 248315.9 | 842807.4 | 139.2 | 9.432 | 5.930 | 32.2 | 11.141 | 24.4 | 8.866 | 0.219 | 0.658 | 71.6 | 0.694 | 14.9 | 1.104 | 0.219 | 11.2 | 1.126 |
| 248315.2 | 842806.7 | 139.2 | 9.355 | 5.882 | 32.2 | 11.050 | 24.4 | 8.793 | 0.219 | 0.653 | 71.5 | 0.689 | 15.1 | 1.098 | 0.227 | 11.7 | 1.121 |
| 248314.5 | 842806.0 | 139.3 | 9.270 | 5.830 | 32.2 | 10.951 | 24.5 | 8.714 | 0.219 | 0.649 | 71.4 | 0.685 | 15.1 | 1.089 | 0.227 | 11.8 | 1.112 |
| 248313.8 | 842805.3 | 139.4 | 9.185 | 5.778 | 32.2 | 10.852 | 24.6 | 8.636 | 0.218 | 0.644 | 71.3 | 0.680 | 15.1 | 1.080 | 0.227 | 11.9 | 1.103 |
| 248313.1 | 842804.5 | 139.4 | 9.108 | 5.732 | 32.2 | 10.762 | 24.6 | 8.564 | 0.218 | 0.640 | 71.2 | 0.676 | 15.3 | 1.072 | 0.232 | 12.2 | 1.097 |
| 248312.4 | 842803.8 | 139.5 | 9.038 | 5.689 | 32.2 | 10.679 | 24.7 | 8.498 | 0.218 | 0.636 | 71.1 | 0.672 | 15.5 | 1.066 | 0.241 | 12.7 | 1.093 |
| 248311.7 | 842803.1 | 139.6 | 8.978 | 5.652 | 32.2 | 10.609 | 24.7 | 8.442 | 0.219 | 0.631 | 70.9 | 0.668 | 15.9 | 1.063 | 0.259 | 13.7 | 1.094 |
| 248311.1 | 842802.4 | 139.7 | 8.923 | 5.620 | 32.2 | 10.545 | 24.8 | 8.392 | 0.220 | 0.627 | 70.7 | 0.665 | 16.5 | 1.061 | 0.281 | 14.8 | 1.098 |
| 248310.4 | 842801.7 | 139.8 | 8.869 | 5.588 | 32.2 | 10.482 | 24.9 | 8.342 | 0.221 | 0.623 | 70.5 | 0.661 | 17.0 | 1.059 | 0.302 | 15.9 | 1.102 |
| 248309.7 | 842800.9 | 139.9 | 8.815 | 5.556 | 32.2 | 10.420 | 24.9 | 8.292 | 0.222 | 0.619 | 70.3 | 0.658 | 17.5 | 1.058 | 0.323 | 17.0 | 1.106 |
| 248309.0 | 842800.2 | 140.0 | 8.762 | 5.525 | 32.2 | 10.359 | 25.0 | 8.243 | 0.222 | 0.615 | 70.1 | 0.654 | 18.0 | 1.056 | 0.343 | 18.0 | 1.110 |
| 248308.3 | 842799.5 | 140.1 | 8.676 | 5.473 | 32.2 | 10.258 | 25.1 | 8.163 | 0.221 | 0.611 | 70.1 | 0.650 | 17.8 | 1.044 | 0.334 | 17.7 | 1.097 |
| 248307.6 | 842798.8 | 140.1 | 8.590 | 5.421 | 32.3 | 10.158 | 25.2 | 8.083 | 0.220 | 0.607 | 70.1 | 0.646 | 17.6 | 1.033 | 0.323 | 17.4 | 1.082 |
| 248306.9 | 842798.1 | 140.2 | 8.506 | 5.370 | 32.3 | 10.059 | 25.3 | 8.005 | 0.219 | 0.603 | 70.0 | 0.641 | 17.3 | 1.021 | 0.313 | 17.0 | 1.068 |
| 248306.2 | 842797.4 | 140.2 | 8.420 | 5.319 | 32.3 | 9.960 | 25.3 | 7.926 | 0.217 | 0.599 | 70.0 | 0.637 | 17.0 | 1.008 | 0.300 | 16.6 | 1.052 |
| 248305.5 | 842796.6 | 140.3 | 8.335 | 5.268 | 32.3 | 9.860 | 25.4 | 7.847 | 0.216 | 0.595 | 70.0 | 0.633 | 16.7 | 0.995 | 0.285 | 16.0 | 1.035 |
| 248304.8 | 842795.9 | 140.3 | 8.252 | 5.219 | 32.3 | 9.764 | 25.5 | 7.770 | 0.215 | 0.591 | 70.0 | 0.629 | 16.3 | 0.982 | 0.271 | 15.4 | 1.019 |
| 248304.1 | 842795.2 | 140.4 | 8.172 | 5.171 | 32.3 | 9.670 | 25.6 | 7.695 | 0.213 | 0.587 | 70.0 | 0.625 | 16.0 | 0.969 | 0.258 | 14.9 | 1.003 |
| 248303.4 | 842794.5 | 140.4 | 8.098 | 5.127 | 32.3 | 9.584 | 25.7 | 7.627 | 0.212 | 0.584 | 70.0 | 0.621 | 15.7 | 0.957 | 0.248 | 14.5 | 0.989 |
| 248302.7 | 842793.8 | 140.5 | 8.026 | 5.086 | 32.4 | 9.502 | 25.8 | 7.561 | 0.211 | 0.580 | 70.0 | 0.618 | 15.5 | 0.945 | 0.238 | 14.1 | 0.975 |
| 248302.0 | 842793.0 | 140.5 | 7.958 | 5.046 | 32.4 | 9.423 | 25.9 | 7.499 | 0.210 | 0.577 | 70.0 | 0.614 | 15.2 | 0.934 | 0.229 | 13.8 | 0.961 |
| 248301.3 | 842792.3 | 140.6 | 7.900 | 5.012 | 32.4 | 9.356 | 26.0 | 7.445 | 0.209 | 0.574 | 70.0 | 0.611 | 15.1 | 0.924 | 0.227 | 13.8 | 0.952 |
| 248300.6 | 842791.6 | 140.7 | 7.874 | 4.998 | 32.4 | 9.327 | 26.0 | 7.422 | 0.210 | 0.572 | 69.8 | 0.609 | 15.7 | 0.924 | 0.253 | 15.3 | 0.958 |
| 248299.9 | 842790.9 | 140.8 | 7.846 | 4.983 | 32.4 | 9.295 | 26.1 | 7.396 | 0.211 | 0.569 | 69.7 | 0.607 | 16.1 | 0.921 | 0.272 | 16.5 | 0.961 |
| 248299.2 | 842790.2 | 140.9 | 7.824 | 4.972 | 32.4 | 9.270 | 26.2 | 7.377 | 0.212 | 0.567 | 69.5 | 0.605 | 16.6 | 0.920 | 0.295 | 17.8 | 0.966 |
| 248298.5 | 842789.5 | 141.0 | 7.801 | 4.960 | 32.4 | 9.245 | 26.2 | 7.357 | 0.212 | 0.565 | 69.4 | 0.604 | 17.0 | 0.918 | 0.314 | 18.9 | 0.970 |
| 248297.8 | 842788.7 | 141.0 | 7.771 | 4.944 | 32.5 | 9.211 | 26.3 | 7.330 | 0.212 | 0.563 | 69.4 | 0.602 | 17.1 | 0.911 | 0.322 | 19.4 | 0.967 |
| 248297.1 | 842788.0 | 141.1 | 7.747 | 4.930 | 32.5 | 9.183 | 26.4 | 7.307 | 0.212 | 0.562 | 69.3 | 0.600 | 17.2 | 0.905 | 0.330 | 20.0 | 0.964 |
| 248296.4 | 842787.3 | 141.2 | 7.728 | 4.920 | 32.5 | 9.162 | 26.4 | 7.291 | 0.212 | 0.561 | 69.3 | 0.599 | 17.4 | 0.900 | 0.340 | 20.7 | 0.962 |
| 248295.7 | 842786.6 | 141.2 | 7.712 | 4.911 | 32.5 | 9.143 | 26.4 | 7.276 | 0.212 | 0.560 | 69.3 | 0.599 | 17.4 | 0.893 | 0.346 | 21.2 | 0.958 |
| 248295.0 | 842785.9 | 141.4 | 7.750 | 4.936 | 32.5 | 9.189 | 26.5 | 7.312 | 0.214 | 0.560 | 69.1 | 0.600 | 18.6 | 0.903 | 0.400 | 23.9 | 0.988 |
| 248294.3 | 842785.2 | 141.6 | 7.830 | 4.987 | 32.5 | 9.283 | 26.4 | 7.387 | 0.219 | 0.561 | 68.6 | 0.602 | 20.7 | 0.924 | 0.487 | 27.8 | 1.045 |
| 248293.7 | 842784.4 | 141.7 | 7.845 | 4.996 | 32.5 | 9.301 | 26.4 | 7.401 | 0.220 | 0.561 | 68.6 | 0.603 | 21.0 | 0.923 | 0.507 | 28.8 | 1.052 |
| 248293.0 | 842783.7 | 141.7 | 7.852 | 5.000 | 32.5 | 9.308 | 26.4 | 7.407 | 0.219 | 0.562 | 68.7 | 0.604 | 21.0 | 0.916 | 0.511 | 29.2 | 1.049 |
| 248292.3 | 842783.0 | 141.8 | 7.867 | 5.008 | 32.5 | 9.326 | 26.4 | 7.421 | 0.219 | 0.564 | 68.8 | 0.605 | 21.0 | 0.910 | 0.518 | 29.6 | 1.047 |
| 248291.6 | 842782.3 | 141.8 | 7.892 | 5.021 | 32.5 | 9.354 | 26.4 | 7.443 | 0.219 | 0.565 | 68.8 | 0.606 | 21.1 | 0.906 | 0.526 | 30.1 | 1.047 |

Max EF along centerline is 1.792 (kV/m) at 263.000 (m) from structure [redacted]-7

Cross section results at max EF along centerline between structures [redacted]-7 and [redacted]-8




3D EMF Point Results Span from [redacted]-7 to [redacted]-8:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248458.4 | 842932.5 | 130.4 | 22.264 | 11.406 | 27.1 | 25.015 | 27.0 | 19.907 | 3.201 | 0.836 | 14.6 | 3.309 | 1.3 | 1.687 | -0.982 | -30.2 | 1.952 |
| 248457.7 | 842933.2 | 130.5 | 23.741 | 11.975 | 26.8 | 26.590 | 25.6 | 21.160 | 3.411 | 0.797 | 13.1 | 3.503 | 1.2 | 2.145 | -1.052 | -26.1 | 2.389 |
| 248456.9 | 842933.9 | 130.6 | 25.202 | 12.557 | 26.5 | 28.157 | 24.2 | 22.407 | 3.577 | 0.745 | 11.8 | 3.654 | 1.1 | 2.611 | -1.113 | -23.1 | 2.839 |
| 248456.2 | 842934.6 | 130.7 | 26.617 | 13.150 | 26.3 | 29.688 | 22.8 | 23.625 | 3.687 | 0.680 | 10.4 | 3.749 | 1.0 | 3.067 | -1.163 | -20.8 | 3.281 |
| 248455.5 | 842935.3 | 130.7 | 27.965 | 13.758 | 26.2 | 31.166 | 21.4 | 24.801 | 3.729 | 0.602 | 9.2 | 3.777 | 0.9 | 3.505 | -1.204 | -19.0 | 3.706 |
| 248454.8 | 842936.0 | 130.8 | 29.238 | 14.389 | 26.2 | 32.587 | 20.0 | 25.932 | 3.697 | 0.510 | 7.9 | 3.732 | 0.8 | 3.923 | -1.237 | -17.5 | 4.114 |
| 248454.1 | 842936.7 | 130.9 | 30.503 | 15.078 | 26.3 | 34.026 | 18.6 | 27.077 | 3.588 | 0.403 | 6.4 | 3.611 | 0.8 | 4.383 | -1.267 | -16.1 | 4.562 |
| 248453.4 | 842937.4 | 131.0 | 31.630 | 15.788 | 26.5 | 35.352 | 17.3 | 28.132 | 3.403 | 0.282 | 4.7 | 3.415 | 1.0 | 4.744 | -1.273 | -15.0 | 4.911 |
| 248452.6 | 842938.1 | 131.2 | 32.611 | 16.524 | 26.9 | 36.558 | 16.0 | 29.092 | 3.147 | 0.148 | 2.7 | 3.151 | 1.5 | 4.989 | -1.250 | -14.1 | 5.144 |
| 248451.9 | 842938.8 | 131.3 | 33.444 | 17.291 | 27.3 | 37.650 | 14.9 | 29.961 | 2.829 | 0.078 | 1.6 | 2.830 | 2.7 | 5.111 | -1.194 | -13.2 | 5.249 |
| 248451.2 | 842939.5 | 131.4 | 34.141 | 18.093 | 27.9 | 38.639 | 13.9 | 30.748 | 2.460 | 0.234 | 5.4 | 2.471 | 5.1 | 5.106 | -1.100 | -12.2 | 5.224 |
| 248450.5 | 842940.2 | 131.5 | 34.720 | 18.938 | 28.6 | 39.549 | 13.0 | 31.472 | 2.054 | 0.444 | 12.2 | 2.101 | 9.8 | 4.978 | -0.960 | -10.9 | 5.070 |
| 248449.8 | 842940.9 | 131.6 | 35.139 | 19.799 | 29.4 | 40.333 | 12.3 | 32.096 | 1.623 | 0.687 | 22.9 | 1.762 | 18.6 | 4.708 | -0.777 | -9.4 | 4.772 |
| 248449.0 | 842941.6 | 131.7 | 35.470 | 20.702 | 30.3 | 41.070 | 11.8 | 32.682 | 1.189 | 0.963 | 39.0 | 1.530 | 32.6 | 4.340 | -0.542 | -7.1 | 4.373 |
| 248448.3 | 842942.3 | 131.8 | 35.754 | 21.657 | 31.2 | 41.801 | 11.5 | 33.264 | 0.795 | 1.275 | 58.1 | 1.502 | 43.2 | 3.889 | -0.246 | -3.6 | 3.897 |
| 248447.6 | 842943.0 | 131.9 | 36.004 | 22.663 | 32.2 | 42.543 | 11.4 | 33.855 | 0.581 | 1.621 | 70.3 | 1.722 | 35.8 | 3.364 | 0.120 | 2.0 | 3.366 |
| 248446.9 | 842943.7 | 132.0 | 36.229 | 23.716 | 33.2 | 43.302 | 11.5 | 34.458 | 0.745 | 2.000 | 69.6 | 2.134 | 24.2 | 2.770 | 0.563 | 11.5 | 2.827 |
| 248446.2 | 842944.4 | 132.1 | 36.427 | 24.803 | 34.3 | 44.070 | 11.8 | 35.069 | 1.131 | 2.405 | 64.8 | 2.658 | 16.2 | 2.113 | 1.088 | 27.2 | 2.377 |
| 248445.5 | 842945.1 | 132.2 | 36.581 | 25.900 | 35.3 | 44.822 | 12.3 | 35.668 | 1.574 | 2.826 | 60.9 | 3.235 | 11.2 | 1.400 | 1.693 | 50.4 | 2.197 |
| 248444.7 | 842945.8 | 132.3 | 36.648 | 26.954 | 36.3 | 45.493 | 13.1 | 36.202 | 2.018 | 3.245 | 58.1 | 3.821 | 8.0 | 0.650 | 2.355 | 74.6 | 2.443 |
| 248444.0 | 842946.5 | 132.4 | 36.520 | 27.850 | 37.3 | 45.927 | 14.1 | 36.548 | 2.435 | 3.637 | 56.2 | 4.377 | 6.0 | -0.081 | 2.994 | -88.4 | 2.995 |
| 248443.3 | 842947.2 | 132.4 | 36.229 | 28.584 | 38.3 | 46.148 | 15.3 | 36.723 | 2.808 | 3.976 | 54.8 | 4.868 | 4.8 | -0.799 | 3.628 | -77.6 | 3.715 |
| 248442.6 | 842947.9 | 132.5 | 35.736 | 29.094 | 39.1 | 46.082 | 16.7 | 36.671 | 3.119 | 4.230 | 53.6 | 5.255 | 4.1 | -1.483 | 4.222 | -70.6 | 4.475 |
| 248441.9 | 842948.5 | 132.6 | 35.003 | 29.313 | 39.9 | 45.655 | 18.3 | 36.331 | 3.351 | 4.372 | 52.5 | 5.508 | 3.8 | -2.109 | 4.731 | -66.0 | 5.180 |
| 248441.1 | 842949.2 | 132.7 | 34.009 | 29.191 | 40.6 | 44.819 | 20.1 | 35.666 | 3.494 | 4.384 | 51.4 | 5.606 | 3.8 | -2.652 | 5.112 | -62.6 | 5.759 |
| 248440.4 | 842949.9 | 132.7 | 32.762 | 28.707 | 41.2 | 43.560 | 22.0 | 34.664 | 3.545 | 4.262 | 50.2 | 5.544 | 4.1 | -3.092 | 5.335 | -59.9 | 6.166 |
| 248439.7 | 842950.6 | 132.8 | 31.293 | 27.873 | 41.7 | 41.907 | 23.9 | 33.348 | 3.509 | 4.018 | 48.9 | 5.335 | 4.6 | -3.420 | 5.385 | -57.6 | 6.379 |
| 248439.0 | 842951.3 | 132.9 | 29.657 | 26.734 | 42.0 | 39.928 | 26.0 | 31.774 | 3.398 | 3.677 | 47.3 | 5.007 | 5.3 | -3.634 | 5.270 | -55.4 | 6.402 |
| 248438.3 | 842952.0 | 132.9 | 27.918 | 25.357 | 42.2 | 37.715 | 28.1 | 30.012 | 3.229 | 3.273 | 45.4 | 4.598 | 6.2 | -3.744 | 5.012 | -53.2 | 6.256 |
| 248437.6 | 842952.7 | 133.0 | 26.133 | 23.809 | 42.3 | 35.352 | 30.1 | 28.132 | 3.020 | 2.837 | 43.2 | 4.143 | 7.2 | -3.754 | 4.638 | -51.0 | 5.966 |
| 248436.8 | 842953.4 | 133.1 | 24.358 | 22.168 | 42.3 | 32.935 | 32.2 | 26.209 | 2.788 | 2.399 | 40.7 | 3.678 | 8.4 | -3.684 | 4.188 | -48.7 | 5.577 |

Centerline results between structures [redacted]-8 and [redacted]-9

**3D EMF Point Results Centerline from [redacted]-8 to [redacted]-9:**

| -------Measurement------- | | | -------------------------B-------------------------- | | | | | H | ------------------------EF------------------------- | | | | | ----------Space Potential---------- | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Y | Z | Real | Imaginary | Angle | Magnitude | Polarization | Magnitude | Real | Imaginary | Angle | Magnitude | Polarization | Real | Imaginary | Angle | Magnitude |
| (m) | (m) | (m) | (uT) | (uT) | (deg) | (uT) | Axial Ratio % | (A/m) | (kV/m) | (kV/m) | (deg) | (kV/m) | Axial Ratio % | (kV) | (kV) | (deg) | (kV) |
| 248290.5 | 842781.2 | 141.9 | 7.948 | 5.051 | 32.4 | 9.418 | 26.3 | 7.494 | 0.219 | 0.569 | 69.0 | 0.610 | 21.2 | 0.900 | 0.542 | 31.1 | 1.051 |
| 248289.8 | 842780.5 | 142.0 | 8.005 | 5.082 | 32.4 | 9.482 | 26.2 | 7.546 | 0.219 | 0.572 | 69.1 | 0.613 | 21.6 | 0.900 | 0.562 | 32.0 | 1.061 |
| 248289.1 | 842779.7 | 142.0 | 8.073 | 5.119 | 32.4 | 9.559 | 26.1 | 7.607 | 0.220 | 0.576 | 69.1 | 0.617 | 22.0 | 0.901 | 0.585 | 33.0 | 1.074 |
| 248288.4 | 842779.0 | 142.1 | 8.151 | 5.163 | 32.3 | 9.648 | 25.9 | 7.678 | 0.220 | 0.580 | 69.2 | 0.621 | 22.4 | 0.903 | 0.610 | 34.1 | 1.090 |
| 248287.7 | 842778.3 | 142.2 | 8.256 | 5.222 | 32.3 | 9.768 | 25.8 | 7.773 | 0.222 | 0.585 | 69.2 | 0.626 | 23.3 | 0.910 | 0.653 | 35.7 | 1.120 |
| 248287.0 | 842777.6 | 142.3 | 8.364 | 5.282 | 32.3 | 9.893 | 25.6 | 7.872 | 0.224 | 0.591 | 69.2 | 0.632 | 24.1 | 0.917 | 0.692 | 37.1 | 1.149 |
| 248286.3 | 842776.9 | 142.3 | 8.465 | 5.337 | 32.2 | 10.008 | 25.4 | 7.964 | 0.225 | 0.596 | 69.3 | 0.637 | 24.5 | 0.919 | 0.717 | 38.0 | 1.166 |
| 248285.6 | 842776.2 | 142.3 | 8.536 | 5.373 | 32.2 | 10.086 | 25.2 | 8.027 | 0.223 | 0.602 | 69.7 | 0.642 | 24.1 | 0.911 | 0.708 | 37.8 | 1.154 |
| 248284.9 | 842775.4 | 142.3 | 8.609 | 5.409 | 32.1 | 10.167 | 25.1 | 8.091 | 0.220 | 0.608 | 70.1 | 0.646 | 23.6 | 0.903 | 0.695 | 37.6 | 1.140 |
| 248284.2 | 842774.7 | 142.3 | 8.699 | 5.455 | 32.1 | 10.268 | 24.9 | 8.171 | 0.218 | 0.614 | 70.4 | 0.652 | 23.4 | 0.898 | 0.692 | 37.6 | 1.134 |
| 248283.5 | 842774.0 | 142.3 | 8.797 | 5.505 | 32.0 | 10.377 | 24.7 | 8.258 | 0.217 | 0.621 | 70.8 | 0.658 | 23.2 | 0.895 | 0.691 | 37.7 | 1.130 |
| 248282.8 | 842773.3 | 142.3 | 8.902 | 5.560 | 32.0 | 10.496 | 24.4 | 8.352 | 0.215 | 0.628 | 71.1 | 0.664 | 23.0 | 0.892 | 0.692 | 37.8 | 1.129 |
| 248282.1 | 842772.6 | 142.3 | 9.014 | 5.620 | 31.9 | 10.622 | 24.2 | 8.453 | 0.213 | 0.635 | 71.5 | 0.670 | 22.9 | 0.891 | 0.694 | 37.9 | 1.130 |
| 248281.5 | 842771.8 | 142.3 | 9.133 | 5.683 | 31.9 | 10.756 | 24.0 | 8.560 | 0.211 | 0.643 | 71.8 | 0.677 | 22.9 | 0.890 | 0.699 | 38.1 | 1.132 |
| 248280.8 | 842771.1 | 142.3 | 9.263 | 5.753 | 31.8 | 10.904 | 23.8 | 8.677 | 0.210 | 0.651 | 72.1 | 0.684 | 23.0 | 0.892 | 0.711 | 38.6 | 1.141 |
| 248280.1 | 842770.4 | 142.2 | 9.383 | 5.817 | 31.8 | 11.040 | 23.5 | 8.785 | 0.208 | 0.659 | 72.5 | 0.691 | 22.9 | 0.891 | 0.711 | 38.6 | 1.140 |
| 248279.4 | 842769.7 | 142.2 | 9.509 | 5.884 | 31.8 | 11.182 | 23.3 | 8.898 | 0.206 | 0.667 | 72.9 | 0.698 | 22.8 | 0.891 | 0.712 | 38.6 | 1.141 |
| 248278.7 | 842769.0 | 142.2 | 9.639 | 5.955 | 31.7 | 11.330 | 23.1 | 9.016 | 0.204 | 0.675 | 73.2 | 0.705 | 22.7 | 0.892 | 0.716 | 38.7 | 1.144 |
| 248278.0 | 842768.3 | 142.2 | 9.774 | 6.028 | 31.7 | 11.483 | 22.8 | 9.138 | 0.201 | 0.684 | 73.6 | 0.713 | 22.7 | 0.894 | 0.722 | 38.9 | 1.149 |
| 248277.3 | 842767.5 | 142.2 | 9.913 | 6.104 | 31.6 | 11.641 | 22.6 | 9.264 | 0.200 | 0.692 | 73.9 | 0.720 | 22.7 | 0.897 | 0.730 | 39.1 | 1.156 |
| 248276.6 | 842766.8 | 142.1 | 10.037 | 6.171 | 31.6 | 11.782 | 22.4 | 9.376 | 0.196 | 0.700 | 74.3 | 0.727 | 22.4 | 0.897 | 0.723 | 38.9 | 1.152 |
| 248275.9 | 842766.1 | 142.1 | 10.162 | 6.239 | 31.5 | 11.924 | 22.2 | 9.489 | 0.193 | 0.709 | 74.8 | 0.735 | 22.1 | 0.897 | 0.717 | 38.6 | 1.149 |
| 248275.2 | 842765.4 | 142.0 | 10.290 | 6.309 | 31.5 | 12.070 | 22.0 | 9.605 | 0.190 | 0.717 | 75.2 | 0.742 | 21.9 | 0.898 | 0.713 | 38.4 | 1.147 |
| 248274.5 | 842764.7 | 142.0 | 10.413 | 6.376 | 31.5 | 12.210 | 21.8 | 9.716 | 0.186 | 0.726 | 75.6 | 0.749 | 21.6 | 0.899 | 0.704 | 38.1 | 1.142 |
| 248273.8 | 842763.9 | 141.9 | 10.537 | 6.444 | 31.4 | 12.351 | 21.6 | 9.829 | 0.182 | 0.734 | 76.1 | 0.756 | 21.3 | 0.901 | 0.696 | 37.7 | 1.138 |
| 248273.1 | 842763.2 | 141.9 | 10.661 | 6.512 | 31.4 | 12.493 | 21.3 | 9.942 | 0.178 | 0.742 | 76.5 | 0.763 | 20.9 | 0.902 | 0.687 | 37.3 | 1.134 |
| 248272.4 | 842762.5 | 141.8 | 10.768 | 6.570 | 31.4 | 12.614 | 21.2 | 10.038 | 0.173 | 0.750 | 77.0 | 0.770 | 20.3 | 0.903 | 0.665 | 36.4 | 1.121 |
| 248271.7 | 842761.8 | 141.7 | 10.876 | 6.629 | 31.4 | 12.737 | 21.0 | 10.136 | 0.167 | 0.758 | 77.6 | 0.776 | 19.8 | 0.904 | 0.643 | 35.4 | 1.109 |
| 248271.0 | 842761.1 | 141.6 | 10.984 | 6.688 | 31.3 | 12.860 | 20.8 | 10.234 | 0.162 | 0.766 | 78.1 | 0.783 | 19.2 | 0.905 | 0.622 | 34.5 | 1.099 |
| 248270.3 | 842760.4 | 141.5 | 11.093 | 6.749 | 31.3 | 12.985 | 20.6 | 10.333 | 0.157 | 0.774 | 78.6 | 0.790 | 18.7 | 0.908 | 0.603 | 33.6 | 1.090 |
| 248269.6 | 842759.6 | 141.5 | 11.223 | 6.822 | 31.3 | 13.134 | 20.4 | 10.451 | 0.154 | 0.782 | 78.9 | 0.797 | 18.5 | 0.912 | 0.601 | 33.4 | 1.092 |
| 248268.9 | 842758.9 | 141.4 | 11.353 | 6.896 | 31.3 | 13.283 | 20.2 | 10.571 | 0.152 | 0.790 | 79.1 | 0.805 | 18.4 | 0.916 | 0.600 | 33.2 | 1.095 |
| 248268.2 | 842758.2 | 141.4 | 11.484 | 6.971 | 31.3 | 13.434 | 20.0 | 10.691 | 0.150 | 0.798 | 79.4 | 0.812 | 18.2 | 0.920 | 0.600 | 33.1 | 1.099 |
| 248267.5 | 842757.5 | 141.3 | 11.616 | 7.046 | 31.2 | 13.586 | 19.9 | 10.812 | 0.148 | 0.806 | 79.6 | 0.820 | 18.1 | 0.925 | 0.602 | 33.1 | 1.103 |
| 248266.8 | 842756.8 | 141.2 | 11.749 | 7.123 | 31.2 | 13.739 | 19.7 | 10.933 | 0.148 | 0.814 | 79.7 | 0.828 | 18.0 | 0.929 | 0.605 | 33.1 | 1.108 |
| 248266.1 | 842756.0 | 141.2 | 11.882 | 7.200 | 31.2 | 13.893 | 19.5 | 11.056 | 0.147 | 0.822 | 79.8 | 0.835 | 17.9 | 0.933 | 0.609 | 33.2 | 1.114 |
| 248265.4 | 842755.3 | 141.1 | 12.016 | 7.278 | 31.2 | 14.048 | 19.3 | 11.179 | 0.148 | 0.830 | 79.9 | 0.843 | 17.8 | 0.936 | 0.615 | 33.3 | 1.120 |
| 248264.7 | 842754.6 | 141.1 | 12.136 | 7.347 | 31.2 | 14.186 | 19.1 | 11.289 | 0.147 | 0.838 | 80.1 | 0.851 | 17.5 | 0.939 | 0.610 | 33.0 | 1.120 |
| 248264.1 | 842753.9 | 141.0 | 12.246 | 7.411 | 31.2 | 14.314 | 19.0 | 11.391 | 0.146 | 0.845 | 80.2 | 0.858 | 17.1 | 0.943 | 0.598 | 32.4 | 1.116 |
| 248263.4 | 842753.2 | 140.9 | 12.356 | 7.475 | 31.2 | 14.441 | 18.8 | 11.492 | 0.145 | 0.853 | 80.4 | 0.865 | 16.7 | 0.946 | 0.587 | 31.8 | 1.113 |
| 248262.7 | 842752.5 | 140.8 | 12.467 | 7.539 | 31.2 | 14.569 | 18.7 | 11.594 | 0.145 | 0.861 | 80.4 | 0.873 | 16.4 | 0.948 | 0.577 | 31.3 | 1.110 |
| 248262.0 | 842751.7 | 140.7 | 12.577 | 7.604 | 31.2 | 14.696 | 18.5 | 11.695 | 0.145 | 0.868 | 80.5 | 0.880 | 16.0 | 0.951 | 0.567 | 30.8 | 1.107 |
| 248261.3 | 842751.0 | 140.7 | 12.686 | 7.668 | 31.2 | 14.824 | 18.3 | 11.796 | 0.147 | 0.876 | 80.5 | 0.888 | 15.7 | 0.953 | 0.558 | 30.3 | 1.105 |
| 248260.6 | 842750.3 | 140.6 | 12.796 | 7.733 | 31.1 | 14.951 | 18.2 | 11.898 | 0.149 | 0.883 | 80.4 | 0.896 | 15.4 | 0.955 | 0.550 | 29.9 | 1.102 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248259.9 | 842749.6 | 140.5 | 12.912 | 7.802 | 31.1 | 15.086 | 18.0 | 12.005 | 0.152 | 0.891 | 80.3 | 0.904 | 15.1 | 0.957 | 0.548 | 29.8 | 1.102 |
| 248259.2 | 842748.9 | 140.4 | 13.030 | 7.873 | 31.1 | 15.223 | 17.9 | 12.114 | 0.156 | 0.898 | 80.1 | 0.912 | 14.9 | 0.958 | 0.548 | 29.8 | 1.103 |
| 248258.5 | 842748.2 | 140.3 | 13.147 | 7.943 | 31.1 | 15.361 | 17.7 | 12.224 | 0.161 | 0.906 | 79.9 | 0.920 | 14.7 | 0.958 | 0.549 | 29.8 | 1.104 |
| 248257.8 | 842747.4 | 140.3 | 13.291 | 8.030 | 31.1 | 15.528 | 17.6 | 12.357 | 0.169 | 0.913 | 79.5 | 0.929 | 14.8 | 0.955 | 0.572 | 30.9 | 1.113 |
| 248257.1 | 842746.7 | 140.2 | 13.413 | 8.105 | 31.1 | 15.672 | 17.4 | 12.471 | 0.175 | 0.921 | 79.3 | 0.937 | 14.7 | 0.953 | 0.579 | 31.3 | 1.115 |
| 248256.4 | 842746.0 | 140.2 | 13.539 | 8.182 | 31.1 | 15.819 | 17.2 | 12.589 | 0.182 | 0.928 | 78.9 | 0.946 | 14.7 | 0.950 | 0.589 | 31.8 | 1.118 |
| 248255.7 | 842745.3 | 140.1 | 13.677 | 8.266 | 31.1 | 15.981 | 17.1 | 12.717 | 0.190 | 0.936 | 78.5 | 0.955 | 14.7 | 0.945 | 0.610 | 32.9 | 1.125 |
| 248255.0 | 842744.6 | 140.1 | 13.814 | 8.351 | 31.2 | 16.142 | 16.9 | 12.846 | 0.199 | 0.943 | 78.1 | 0.964 | 14.8 | 0.938 | 0.632 | 34.0 | 1.131 |
| 248254.3 | 842743.8 | 140.0 | 13.952 | 8.436 | 31.2 | 16.304 | 16.8 | 12.975 | 0.208 | 0.951 | 77.7 | 0.973 | 14.8 | 0.930 | 0.655 | 35.2 | 1.138 |
| 248253.6 | 842743.1 | 139.9 | 14.089 | 8.522 | 31.2 | 16.466 | 16.6 | 13.103 | 0.217 | 0.958 | 77.2 | 0.983 | 14.9 | 0.921 | 0.679 | 36.4 | 1.145 |
| 248252.9 | 842742.4 | 139.9 | 14.227 | 8.608 | 31.2 | 16.628 | 16.5 | 13.232 | 0.227 | 0.966 | 76.8 | 0.992 | 15.0 | 0.911 | 0.704 | 37.7 | 1.152 |
| 248252.2 | 842741.7 | 139.8 | 14.352 | 8.686 | 31.2 | 16.776 | 16.3 | 13.350 | 0.235 | 0.973 | 76.4 | 1.001 | 14.9 | 0.901 | 0.721 | 38.7 | 1.154 |
| 248251.5 | 842741.0 | 139.8 | 14.476 | 8.764 | 31.2 | 16.922 | 16.2 | 13.466 | 0.244 | 0.980 | 76.0 | 1.010 | 14.8 | 0.890 | 0.736 | 39.6 | 1.155 |
| 248250.8 | 842740.3 | 139.7 | 14.598 | 8.841 | 31.2 | 17.067 | 16.0 | 13.582 | 0.253 | 0.987 | 75.6 | 1.019 | 14.8 | 0.878 | 0.753 | 40.6 | 1.157 |
| 248250.1 | 842739.5 | 139.6 | 14.696 | 8.903 | 31.2 | 17.183 | 15.9 | 13.673 | 0.260 | 0.994 | 75.3 | 1.027 | 14.5 | 0.869 | 0.751 | 40.8 | 1.148 |
| 248249.4 | 842738.8 | 139.5 | 14.764 | 8.947 | 31.2 | 17.263 | 15.8 | 13.738 | 0.265 | 1.001 | 75.2 | 1.035 | 13.9 | 0.863 | 0.726 | 40.0 | 1.128 |
| 248248.7 | 842738.1 | 139.4 | 14.838 | 8.993 | 31.2 | 17.351 | 15.6 | 13.807 | 0.271 | 1.007 | 74.9 | 1.043 | 13.4 | 0.857 | 0.706 | 39.5 | 1.110 |
| 248248.0 | 842737.4 | 139.3 | 14.923 | 9.048 | 31.2 | 17.452 | 15.5 | 13.888 | 0.278 | 1.014 | 74.6 | 1.051 | 13.0 | 0.847 | 0.697 | 39.5 | 1.097 |
| 248247.3 | 842736.7 | 139.2 | 15.008 | 9.102 | 31.2 | 17.552 | 15.4 | 13.968 | 0.286 | 1.020 | 74.4 | 1.059 | 12.7 | 0.836 | 0.689 | 39.5 | 1.083 |
| 248246.7 | 842735.9 | 139.1 | 15.091 | 9.156 | 31.2 | 17.652 | 15.3 | 14.047 | 0.293 | 1.026 | 74.1 | 1.067 | 12.3 | 0.825 | 0.680 | 39.5 | 1.070 |
| 248246.0 | 842735.2 | 139.0 | 15.182 | 9.215 | 31.3 | 17.759 | 15.1 | 14.133 | 0.301 | 1.033 | 73.7 | 1.076 | 12.0 | 0.812 | 0.679 | 39.9 | 1.058 |
| 248245.3 | 842734.5 | 138.9 | 15.274 | 9.276 | 31.3 | 17.870 | 15.0 | 14.220 | 0.310 | 1.039 | 73.4 | 1.084 | 11.8 | 0.797 | 0.680 | 40.5 | 1.047 |
| 248244.6 | 842733.8 | 138.8 | 15.366 | 9.336 | 31.3 | 17.980 | 14.9 | 14.308 | 0.318 | 1.046 | 73.1 | 1.093 | 11.5 | 0.781 | 0.681 | 41.1 | 1.036 |
| 248243.9 | 842733.1 | 138.8 | 15.457 | 9.396 | 31.3 | 18.088 | 14.7 | 14.394 | 0.327 | 1.052 | 72.8 | 1.101 | 11.3 | 0.764 | 0.683 | 41.8 | 1.024 |
| 248243.2 | 842732.4 | 138.7 | 15.549 | 9.457 | 31.3 | 18.199 | 14.6 | 14.482 | 0.335 | 1.058 | 72.4 | 1.110 | 11.0 | 0.746 | 0.686 | 42.6 | 1.013 |
| 248242.5 | 842731.6 | 138.6 | 15.643 | 9.519 | 31.3 | 18.312 | 14.5 | 14.572 | 0.344 | 1.064 | 72.1 | 1.119 | 10.8 | 0.726 | 0.692 | 43.6 | 1.003 |
| 248241.8 | 842730.9 | 138.5 | 15.737 | 9.582 | 31.3 | 18.424 | 14.4 | 14.661 | 0.353 | 1.071 | 71.7 | 1.127 | 10.6 | 0.705 | 0.698 | 44.7 | 0.992 |
| 248241.1 | 842730.2 | 138.4 | 15.828 | 9.643 | 31.4 | 18.534 | 14.2 | 14.749 | 0.362 | 1.077 | 71.4 | 1.136 | 10.4 | 0.684 | 0.703 | 45.8 | 0.980 |
| 248240.4 | 842729.5 | 138.3 | 15.916 | 9.702 | 31.4 | 18.640 | 14.1 | 14.833 | 0.371 | 1.083 | 71.1 | 1.145 | 10.1 | 0.663 | 0.705 | 46.8 | 0.968 |
| 248239.7 | 842728.8 | 138.3 | 16.003 | 9.761 | 31.4 | 18.745 | 14.0 | 14.917 | 0.380 | 1.089 | 70.8 | 1.154 | 9.9 | 0.641 | 0.707 | 47.8 | 0.954 |
| 248239.0 | 842728.0 | 138.2 | 16.089 | 9.820 | 31.4 | 18.849 | 13.9 | 15.000 | 0.389 | 1.096 | 70.5 | 1.163 | 9.6 | 0.618 | 0.709 | 48.9 | 0.941 |
| 248238.3 | 842727.3 | 138.1 | 16.174 | 9.878 | 31.4 | 18.952 | 13.8 | 15.082 | 0.398 | 1.102 | 70.2 | 1.171 | 9.4 | 0.595 | 0.710 | 50.1 | 0.927 |
| 248237.6 | 842726.6 | 138.0 | 16.259 | 9.937 | 31.4 | 19.055 | 13.6 | 15.164 | 0.407 | 1.108 | 69.8 | 1.180 | 9.1 | 0.571 | 0.712 | 51.3 | 0.913 |
| 248236.9 | 842725.9 | 137.9 | 16.350 | 10.000 | 31.5 | 19.166 | 13.5 | 15.252 | 0.416 | 1.115 | 69.5 | 1.190 | 8.9 | 0.545 | 0.719 | 52.8 | 0.902 |
| 248236.2 | 842725.2 | 137.8 | 16.441 | 10.063 | 31.5 | 19.276 | 13.4 | 15.339 | 0.425 | 1.121 | 69.2 | 1.199 | 8.6 | 0.518 | 0.725 | 54.4 | 0.891 |
| 248235.5 | 842724.5 | 137.8 | 16.530 | 10.125 | 31.5 | 19.385 | 13.3 | 15.426 | 0.435 | 1.128 | 68.9 | 1.209 | 8.4 | 0.492 | 0.730 | 56.0 | 0.880 |
| 248234.8 | 842723.7 | 137.7 | 16.619 | 10.187 | 31.5 | 19.493 | 13.2 | 15.512 | 0.444 | 1.134 | 68.6 | 1.218 | 8.2 | 0.465 | 0.734 | 57.7 | 0.869 |
| 248234.1 | 842723.0 | 137.6 | 16.706 | 10.249 | 31.5 | 19.599 | 13.0 | 15.597 | 0.454 | 1.141 | 68.3 | 1.228 | 7.9 | 0.438 | 0.737 | 59.3 | 0.858 |
| 248233.4 | 842722.3 | 137.5 | 16.793 | 10.311 | 31.5 | 19.705 | 12.9 | 15.681 | 0.463 | 1.148 | 68.0 | 1.238 | 7.7 | 0.411 | 0.740 | 61.0 | 0.846 |
| 248232.7 | 842721.6 | 137.4 | 16.878 | 10.372 | 31.6 | 19.810 | 12.8 | 15.764 | 0.473 | 1.154 | 67.7 | 1.248 | 7.4 | 0.384 | 0.741 | 62.6 | 0.834 |
| 248232.0 | 842720.9 | 137.4 | 16.962 | 10.432 | 31.6 | 19.914 | 12.7 | 15.847 | 0.483 | 1.161 | 67.4 | 1.258 | 7.1 | 0.357 | 0.741 | 64.2 | 0.822 |
| 248231.3 | 842720.1 | 137.3 | 17.048 | 10.494 | 31.6 | 20.019 | 12.6 | 15.931 | 0.493 | 1.168 | 67.1 | 1.268 | 6.9 | 0.331 | 0.741 | 66.0 | 0.812 |
| 248230.6 | 842719.4 | 137.2 | 17.166 | 10.577 | 31.6 | 20.163 | 12.5 | 16.045 | 0.504 | 1.175 | 66.8 | 1.279 | 6.8 | 0.293 | 0.768 | 69.1 | 0.821 |
| 248229.9 | 842718.7 | 137.2 | 17.317 | 10.685 | 31.7 | 20.348 | 12.3 | 16.192 | 0.516 | 1.183 | 66.4 | 1.291 | 6.9 | 0.243 | 0.822 | 73.5 | 0.857 |
| 248229.3 | 842718.0 | 137.2 | 17.465 | 10.790 | 31.7 | 20.529 | 12.2 | 16.336 | 0.529 | 1.191 | 66.1 | 1.303 | 6.9 | 0.194 | 0.873 | 77.5 | 0.894 |
| 248228.6 | 842717.3 | 137.1 | 17.600 | 10.887 | 31.7 | 20.695 | 12.0 | 16.469 | 0.541 | 1.199 | 65.7 | 1.315 | 6.9 | 0.149 | 0.912 | 80.7 | 0.924 |
| 248227.9 | 842716.6 | 137.1 | 17.734 | 10.984 | 31.8 | 20.861 | 11.9 | 16.600 | 0.553 | 1.207 | 65.4 | 1.327 | 6.9 | 0.104 | 0.950 | 83.7 | 0.956 |
| 248227.2 | 842715.8 | 137.1 | 17.869 | 11.082 | 31.8 | 21.026 | 11.8 | 16.732 | 0.565 | 1.215 | 65.1 | 1.340 | 6.8 | 0.060 | 0.987 | 86.5 | 0.989 |
| 248226.5 | 842715.1 | 137.0 | 17.995 | 11.175 | 31.8 | 21.182 | 11.6 | 16.856 | 0.577 | 1.223 | 64.7 | 1.352 | 6.7 | 0.019 | 1.017 | 89.0 | 1.017 |
| 248225.8 | 842714.4 | 137.0 | 18.102 | 11.254 | 31.9 | 21.315 | 11.5 | 16.962 | 0.589 | 1.231 | 64.4 | 1.365 | 6.5 | -0.015 | 1.030 | -89.2 | 1.030 |
| 248225.1 | 842713.7 | 136.9 | 18.208 | 11.334 | 31.9 | 21.447 | 11.4 | 17.067 | 0.600 | 1.239 | 64.1 | 1.377 | 6.3 | -0.047 | 1.041 | -87.4 | 1.042 |
| 248224.4 | 842713.0 | 136.8 | 18.313 | 11.413 | 31.9 | 21.579 | 11.3 | 17.172 | 0.612 | 1.248 | 63.9 | 1.390 | 6.1 | -0.078 | 1.050 | -85.8 | 1.053 |
| 248223.7 | 842712.2 | 136.8 | 18.418 | 11.492 | 32.0 | 21.709 | 11.1 | 17.275 | 0.624 | 1.256 | 63.6 | 1.403 | 5.9 | -0.108 | 1.058 | -84.2 | 1.063 |
| 248223.0 | 842711.5 | 136.7 | 18.521 | 11.571 | 32.0 | 21.838 | 11.0 | 17.378 | 0.636 | 1.264 | 63.3 | 1.415 | 5.7 | -0.137 | 1.064 | -82.7 | 1.072 |
| 248222.3 | 842710.8 | 136.7 | 18.623 | 11.649 | 32.0 | 21.966 | 10.9 | 17.480 | 0.649 | 1.273 | 63.0 | 1.429 | 5.5 | -0.164 | 1.067 | -81.3 | 1.080 |
| 248221.6 | 842710.1 | 136.6 | 18.724 | 11.727 | 32.1 | 22.094 | 10.8 | 17.582 | 0.661 | 1.282 | 62.7 | 1.442 | 5.3 | -0.190 | 1.069 | -79.9 | 1.086 |
| 248220.9 | 842709.4 | 136.6 | 18.825 | 11.805 | 32.1 | 22.220 | 10.7 | 17.682 | 0.673 | 1.290 | 62.4 | 1.455 | 5.1 | -0.214 | 1.069 | -78.7 | 1.090 |
| 248220.2 | 842708.7 | 136.5 | 18.924 | 11.882 | 32.1 | 22.345 | 10.5 | 17.782 | 0.686 | 1.299 | 62.2 | 1.469 | 4.9 | -0.236 | 1.066 | -77.5 | 1.092 |
| 248219.5 | 842707.9 | 136.4 | 19.022 | 11.960 | 32.2 | 22.470 | 10.4 | 17.881 | 0.699 | 1.308 | 61.9 | 1.483 | 4.6 | -0.257 | 1.062 | -76.4 | 1.092 |
| 248218.8 | 842707.2 | 136.4 | 19.128 | 12.042 | 32.2 | 22.603 | 10.3 | 17.987 | 0.712 | 1.317 | 61.6 | 1.497 | 4.4 | -0.279 | 1.062 | -75.3 | 1.098 |
| 248218.1 | 842706.5 | 136.4 | 19.260 | 12.145 | 32.2 | 22.769 | 10.2 | 18.119 | 0.726 | 1.327 | 61.3 | 1.512 | 4.3 | -0.313 | 1.083 | -73.9 | 1.127 |
| 248217.4 | 842705.8 | 136.3 | 19.396 | 12.250 | 32.3 | 22.940 | 10.0 | 18.255 | 0.740 | 1.337 | 61.0 | 1.528 | 4.2 | -0.347 | 1.105 | -72.6 | 1.158 |
| 248216.7 | 842705.1 | 136.3 | 19.531 | 12.355 | 32.3 | 23.111 | 9.9 | 18.391 | 0.754 | 1.347 | 60.8 | 1.543 | 4.1 | -0.379 | 1.125 | -71.4 | 1.188 |
| 248216.0 | 842704.4 | 136.3 | 19.665 | 12.461 | 32.4 | 23.281 | 9.8 | 18.526 | 0.768 | 1.357 | 60.5 | 1.559 | 4.0 | -0.409 | 1.143 | -70.3 | 1.214 |
| 248215.3 | 842703.6 | 136.2 | 19.799 | 12.567 | 32.4 | 23.450 | 9.6 | 18.661 | 0.783 | 1.367 | 60.2 | 1.576 | 3.9 | -0.438 | 1.158 | -69.3 | 1.238 |
| 248214.6 | 842702.9 | 136.2 | 19.936 | 12.675 | 32.4 | 23.624 | 9.5 | 18.799 | 0.798 | 1.378 | 59.9 | 1.592 | 3.8 | -0.466 | 1.174 | -68.4 | 1.263 |
| 248213.9 | 842702.2 | 136.2 | 20.083 | 12.792 | 32.5 | 23.811 | 9.4 | 18.948 | 0.814 | 1.389 | 59.6 | 1.610 | 3.7 | -0.497 | 1.196 | -67.4 | 1.295 |
| 248213.2 | 842701.5 | 136.2 | 20.229 | 12.909 | 32.5 | 23.997 | 9.2 | 19.096 | 0.829 | 1.400 | 59.4 | 1.627 | 3.6 | -0.527 | 1.215 | -66.6 | 1.324 |
| 248212.5 | 842700.8 | 136.1 | 20.357 | 13.013 | 32.6 | 24.161 | 9.1 | 19.227 | 0.845 | 1.412 | 59.1 | 1.645 | 3.4 | -0.544 | 1.215 | -65.9 | 1.332 |
| 248211.9 | 842700.0 | 136.2 | 20.565 | 13.176 | 32.6 | 24.424 | 8.9 | 19.436 | 0.862 | 1.424 | 58.8 | 1.665 | 3.5 | -0.602 | 1.282 | -64.9 | 1.416 |
| 248211.2 | 842699.3 | 136.2 | 20.775 | 13.343 | 32.7 | 24.691 | 8.8 | 19.649 | 0.880 | 1.437 | 58.5 | 1.685 | 3.6 | -0.659 | 1.349 | -64.0 | 1.501 |
| 248210.5 | 842698.6 | 136.2 | 20.986 | 13.511 | 32.8 | 24.959 | 8.6 | 19.862 | 0.898 | 1.451 | 58.2 | 1.706 | 3.6 | -0.715 | 1.413 | -63.1 | 1.583 |
| 248209.8 | 842697.9 | 136.2 | 21.197 | 13.680 | 32.8 | 25.228 | 8.4 | 20.076 | 0.917 | 1.465 | 58.0 | 1.728 | 3.7 | -0.770 | 1.474 | -62.4 | 1.663 |
| 248209.1 | 842697.2 | 136.2 | 21.408 | 13.850 | 32.9 | 25.498 | 8.3 | 20.291 | 0.936 | 1.479 | 57.7 | 1.750 | 3.7 | -0.824 | 1.534 | -61.8 | 1.741 |
| 248208.4 | 842696.5 | 136.3 | 21.620 | 14.023 | 33.0 | 25.770 | 8.1 | 20.507 | 0.955 | 1.493 | 57.4 | 1.772 | 3.7 | -0.877 | 1.592 | -61.1 | 1.817 |
| 248207.7 | 842695.7 | 136.2 | 21.788 | 14.162 | 33.0 | 25.986 | 7.9 | 20.679 | 0.973 | 1.507 | 57.2 | 1.794 | 3.6 | -0.903 | 1.608 | -60.7 | 1.844 |
| 248207.0 | 842695.0 | 136.2 | 21.935 | 14.287 | 33.1 | 26.178 | 7.8 | 20.832 | 0.990 | 1.521 | 56.9 | 1.815 | 3.5 | -0.917 | 1.606 | -60.3 | 1.849 |
| 248206.3 | 842694.3 | 136.2 | 22.082 | 14.413 | 33.1 | 26.370 | 7.7 | 20.984 | 1.008 | 1.536 | 56.7 | 1.837 | 3.4 | -0.928 | 1.600 | -59.9 | 1.850 |
| 248205.6 | 842693.6 | 136.2 | 22.229 | 14.538 | 33.2 | 26.561 | 7.5 | 21.136 | 1.027 | 1.550 | 56.5 | 1.859 | 3.2 | -0.937 | 1.592 | -59.5 | 1.848 |
| 248204.9 | 842692.9 | 136.2 | 22.374 | 14.664 | 33.2 | 26.751 | 7.4 | 21.288 | 1.045 | 1.565 | 56.3 | 1.882 | 3.1 | -0.944 | 1.582 | -59.2 | 1.842 |
| 248204.2 | 842692.1 | 136.2 | 22.562 | 14.823 | 33.3 | 26.995 | 7.2 | 21.482 | 1.064 | 1.580 | 56.0 | 1.905 | 3.1 | -0.975 | 1.607 | -58.8 | 1.879 |
| 248203.5 | 842691.4 | 136.2 | 22.782 | 15.008 | 33.4 | 27.281 | 7.1 | 21.710 | 1.084 | 1.596 | 55.8 | 1.929 | 3.1 | -1.024 | 1.659 | -58.3 | 1.950 |
| 248202.8 | 842690.7 | 136.2 | 23.002 | 15.195 | 33.4 | 27.568 | 6.9 | 21.938 | 1.104 | 1.612 | 55.6 | 1.954 | 3.1 | -1.073 | 1.711 | -57.9 | 2.020 |
| 248202.1 | 842690.0 | 136.3 | 23.223 | 15.383 | 33.5 | 27.856 | 6.7 | 22.167 | 1.125 | 1.627 | 55.4 | 1.978 | 3.1 | -1.122 | 1.763 | -57.5 | 2.089 |
| 248201.4 | 842689.3 | 136.3 | 23.443 | 15.573 | 33.6 | 28.144 | 6.6 | 22.397 | 1.145 | 1.643 | 55.1 | 2.003 | 3.1 | -1.172 | 1.814 | -57.1 | 2.159 |
| 248200.7 | 842688.6 | 136.3 | 23.653 | 15.755 | 33.7 | 28.419 | 6.4 | 22.615 | 1.165 | 1.659 | 54.9 | 2.027 | 3.0 | -1.214 | 1.856 | -56.8 | 2.217 |
| 248200.0 | 842687.8 | 136.3 | 23.837 | 15.918 | 33.7 | 28.664 | 6.2 | 22.810 | 1.184 | 1.674 | 54.7 | 2.050 | 3.0 | -1.242 | 1.876 | -56.5 | 2.249 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248199.3 | 842687.1 | 136.3 | 24.007 | 16.070 | 33.8 | 28.889 | 6.1 | 22.989 | 1.203 | 1.689 | 54.5 | 2.073 | 2.9 | -1.260 | 1.883 | -56.2 | 2.266 |
| 248198.6 | 842686.4 | 136.3 | 24.176 | 16.223 | 33.9 | 29.114 | 5.9 | 23.169 | 1.221 | 1.703 | 54.4 | 2.096 | 2.8 | -1.278 | 1.891 | -55.9 | 2.282 |
| 248197.9 | 842685.7 | 136.3 | 24.344 | 16.376 | 33.9 | 29.339 | 5.8 | 23.347 | 1.240 | 1.718 | 54.2 | 2.118 | 2.7 | -1.296 | 1.899 | -55.7 | 2.299 |
| 248197.2 | 842685.0 | 136.3 | 24.512 | 16.529 | 34.0 | 29.564 | 5.7 | 23.526 | 1.258 | 1.732 | 54.0 | 2.141 | 2.6 | -1.314 | 1.907 | -55.4 | 2.316 |
| 248196.5 | 842684.2 | 136.3 | 24.678 | 16.682 | 34.1 | 29.788 | 5.5 | 23.704 | 1.276 | 1.746 | 53.8 | 2.163 | 2.5 | -1.332 | 1.917 | -55.2 | 2.334 |
| 248195.8 | 842683.5 | 136.3 | 24.817 | 16.814 | 34.1 | 29.977 | 5.4 | 23.855 | 1.293 | 1.759 | 53.7 | 2.184 | 2.4 | -1.333 | 1.903 | -55.0 | 2.323 |
| 248195.1 | 842682.8 | 136.3 | 24.947 | 16.938 | 34.2 | 30.154 | 5.3 | 23.996 | 1.310 | 1.772 | 53.5 | 2.204 | 2.3 | -1.328 | 1.882 | -54.8 | 2.303 |
| 248194.5 | 842682.1 | 136.2 | 25.076 | 17.062 | 34.2 | 30.330 | 5.1 | 24.136 | 1.327 | 1.785 | 53.4 | 2.224 | 2.2 | -1.323 | 1.861 | -54.6 | 2.284 |
| 248193.8 | 842681.4 | 136.2 | 25.203 | 17.186 | 34.3 | 30.505 | 5.0 | 24.275 | 1.344 | 1.797 | 53.2 | 2.244 | 2.1 | -1.318 | 1.842 | -54.4 | 2.265 |
| 248193.1 | 842680.7 | 136.2 | 25.329 | 17.310 | 34.3 | 30.679 | 4.9 | 24.414 | 1.360 | 1.809 | 53.1 | 2.263 | 2.0 | -1.312 | 1.822 | -54.2 | 2.246 |
| 248192.4 | 842679.9 | 136.2 | 25.453 | 17.432 | 34.4 | 30.851 | 4.8 | 24.550 | 1.376 | 1.821 | 52.9 | 2.282 | 1.9 | -1.306 | 1.802 | -54.1 | 2.226 |
| 248191.7 | 842679.2 | 136.2 | 25.575 | 17.553 | 34.5 | 31.019 | 4.7 | 24.684 | 1.392 | 1.833 | 52.8 | 2.301 | 1.8 | -1.298 | 1.781 | -53.9 | 2.204 |
| 248191.0 | 842678.5 | 136.1 | 25.695 | 17.674 | 34.5 | 31.187 | 4.6 | 24.818 | 1.408 | 1.844 | 52.6 | 2.320 | 1.7 | -1.290 | 1.761 | -53.8 | 2.183 |
| 248190.3 | 842677.8 | 136.1 | 25.815 | 17.794 | 34.6 | 31.353 | 4.4 | 24.950 | 1.424 | 1.856 | 52.5 | 2.339 | 1.6 | -1.281 | 1.740 | -53.6 | 2.161 |
| 248189.6 | 842677.1 | 136.1 | 25.941 | 17.920 | 34.6 | 31.529 | 4.3 | 25.090 | 1.439 | 1.867 | 52.4 | 2.358 | 1.5 | -1.278 | 1.726 | -53.5 | 2.147 |
| 248188.9 | 842676.3 | 136.1 | 26.123 | 18.095 | 34.7 | 31.778 | 4.2 | 25.288 | 1.456 | 1.880 | 52.2 | 2.378 | 1.4 | -1.315 | 1.765 | -53.3 | 2.201 |
| 248188.2 | 842675.6 | 136.1 | 26.305 | 18.271 | 34.8 | 32.027 | 4.0 | 25.486 | 1.472 | 1.892 | 52.1 | 2.397 | 1.4 | -1.353 | 1.805 | -53.1 | 2.255 |
| 248187.5 | 842674.9 | 136.1 | 26.485 | 18.446 | 34.9 | 32.276 | 3.9 | 25.684 | 1.489 | 1.904 | 52.0 | 2.417 | 1.4 | -1.391 | 1.844 | -53.0 | 2.310 |
| 248186.8 | 842674.2 | 136.1 | 26.666 | 18.622 | 34.9 | 32.525 | 3.7 | 25.882 | 1.505 | 1.917 | 51.9 | 2.437 | 1.3 | -1.429 | 1.883 | -52.8 | 2.364 |
| 248186.1 | 842673.5 | 136.2 | 26.834 | 18.791 | 35.0 | 32.759 | 3.6 | 26.069 | 1.522 | 1.928 | 51.7 | 2.456 | 1.3 | -1.458 | 1.915 | -52.7 | 2.407 |
| 248185.4 | 842672.8 | 136.2 | 27.014 | 18.968 | 35.1 | 33.008 | 3.4 | 26.267 | 1.538 | 1.940 | 51.6 | 2.476 | 1.3 | -1.497 | 1.955 | -52.6 | 2.463 |
| 248184.7 | 842672.0 | 136.2 | 27.193 | 19.146 | 35.1 | 33.257 | 3.3 | 26.465 | 1.555 | 1.953 | 51.5 | 2.496 | 1.2 | -1.537 | 1.996 | -52.4 | 2.519 |
| 248184.0 | 842671.3 | 136.2 | 27.371 | 19.324 | 35.2 | 33.505 | 3.1 | 26.662 | 1.570 | 1.965 | 51.4 | 2.515 | 1.2 | -1.577 | 2.037 | -52.2 | 2.576 |
| 248183.3 | 842670.6 | 136.2 | 27.528 | 19.484 | 35.3 | 33.726 | 3.0 | 26.838 | 1.586 | 1.977 | 51.3 | 2.534 | 1.2 | -1.603 | 2.059 | -52.1 | 2.609 |
| 248182.6 | 842669.9 | 136.2 | 27.682 | 19.643 | 35.4 | 33.944 | 2.9 | 27.011 | 1.601 | 1.988 | 51.2 | 2.553 | 1.1 | -1.627 | 2.081 | -52.0 | 2.641 |
| 248181.9 | 842669.2 | 136.2 | 27.836 | 19.802 | 35.4 | 34.161 | 2.7 | 27.184 | 1.616 | 2.000 | 51.1 | 2.571 | 1.1 | -1.653 | 2.103 | -51.8 | 2.675 |
| 248181.2 | 842668.4 | 136.2 | 27.988 | 19.961 | 35.5 | 34.377 | 2.6 | 27.356 | 1.630 | 2.011 | 51.0 | 2.589 | 1.1 | -1.679 | 2.127 | -51.7 | 2.710 |
| 248180.5 | 842667.7 | 136.2 | 28.140 | 20.119 | 35.6 | 34.592 | 2.5 | 27.528 | 1.645 | 2.022 | 50.9 | 2.606 | 1.0 | -1.706 | 2.153 | -51.6 | 2.747 |
| 248179.8 | 842667.0 | 136.2 | 28.291 | 20.278 | 35.6 | 34.807 | 2.4 | 27.699 | 1.658 | 2.032 | 50.8 | 2.623 | 1.0 | -1.735 | 2.180 | -51.5 | 2.786 |
| 248179.1 | 842666.3 | 136.2 | 28.440 | 20.436 | 35.7 | 35.021 | 2.2 | 27.869 | 1.672 | 2.042 | 50.7 | 2.640 | 1.0 | -1.765 | 2.210 | -51.4 | 2.828 |
| 248178.4 | 842665.6 | 136.2 | 28.589 | 20.594 | 35.8 | 35.234 | 2.1 | 28.038 | 1.685 | 2.052 | 50.6 | 2.655 | 0.9 | -1.796 | 2.242 | -51.3 | 2.873 |
| 248177.7 | 842664.9 | 136.2 | 28.737 | 20.752 | 35.8 | 35.446 | 2.0 | 28.207 | 1.698 | 2.062 | 50.5 | 2.671 | 0.9 | -1.830 | 2.276 | -51.2 | 2.920 |
| 248177.0 | 842664.1 | 136.2 | 28.843 | 20.873 | 35.9 | 35.603 | 1.9 | 28.332 | 1.710 | 2.070 | 50.4 | 2.685 | 0.8 | -1.833 | 2.274 | -51.1 | 2.921 |
| 248176.4 | 842663.4 | 136.2 | 28.945 | 20.989 | 35.9 | 35.754 | 1.8 | 28.452 | 1.721 | 2.078 | 50.4 | 2.698 | 0.8 | -1.835 | 2.271 | -51.1 | 2.920 |
| 248175.7 | 842662.7 | 136.1 | 29.045 | 21.105 | 36.0 | 35.903 | 1.7 | 28.571 | 1.733 | 2.086 | 50.3 | 2.712 | 0.8 | -1.838 | 2.271 | -51.0 | 2.921 |
| 248175.0 | 842662.0 | 136.1 | 29.143 | 21.220 | 36.1 | 36.050 | 1.6 | 28.688 | 1.743 | 2.093 | 50.2 | 2.724 | 0.7 | -1.842 | 2.272 | -51.0 | 2.925 |
| 248174.3 | 842661.3 | 136.1 | 29.230 | 21.324 | 36.1 | 36.182 | 1.5 | 28.792 | 1.753 | 2.100 | 50.1 | 2.736 | 0.7 | -1.840 | 2.267 | -50.9 | 2.920 |
| 248173.6 | 842660.6 | 136.1 | 29.316 | 21.427 | 36.2 | 36.312 | 1.4 | 28.896 | 1.763 | 2.107 | 50.1 | 2.747 | 0.7 | -1.840 | 2.264 | -50.9 | 2.917 |
| 248172.9 | 842659.8 | 136.0 | 29.402 | 21.531 | 36.2 | 36.443 | 1.3 | 29.000 | 1.773 | 2.113 | 50.0 | 2.758 | 0.7 | -1.844 | 2.265 | -50.9 | 2.921 |
| 248172.2 | 842659.1 | 136.0 | 29.487 | 21.635 | 36.3 | 36.572 | 1.2 | 29.103 | 1.782 | 2.119 | 49.9 | 2.769 | 0.6 | -1.849 | 2.270 | -50.8 | 2.928 |
| 248171.5 | 842658.4 | 136.0 | 29.571 | 21.738 | 36.3 | 36.701 | 1.1 | 29.206 | 1.791 | 2.125 | 49.9 | 2.779 | 0.6 | -1.857 | 2.278 | -50.8 | 2.939 |
| 248170.8 | 842657.7 | 136.0 | 29.650 | 21.836 | 36.4 | 36.823 | 1.1 | 29.303 | 1.799 | 2.130 | 49.8 | 2.788 | 0.6 | -1.865 | 2.286 | -50.8 | 2.950 |
| 248170.1 | 842657.0 | 135.9 | 29.717 | 21.924 | 36.4 | 36.929 | 1.0 | 29.387 | 1.807 | 2.135 | 49.8 | 2.797 | 0.6 | -1.866 | 2.287 | -50.8 | 2.952 |
| 248169.4 | 842656.2 | 135.9 | 29.784 | 22.011 | 36.5 | 37.034 | 0.9 | 29.471 | 1.814 | 2.139 | 49.7 | 2.805 | 0.6 | -1.870 | 2.292 | -50.8 | 2.958 |
| 248168.7 | 842655.5 | 135.9 | 29.849 | 22.097 | 36.5 | 37.138 | 0.8 | 29.553 | 1.821 | 2.143 | 49.6 | 2.812 | 0.6 | -1.877 | 2.300 | -50.8 | 2.969 |
| 248168.0 | 842654.8 | 135.9 | 29.913 | 22.181 | 36.6 | 37.240 | 0.8 | 29.634 | 1.828 | 2.146 | 49.6 | 2.819 | 0.6 | -1.886 | 2.312 | -50.8 | 2.984 |
| 248167.3 | 842654.1 | 135.8 | 29.953 | 22.244 | 36.6 | 37.310 | 0.7 | 29.690 | 1.834 | 2.149 | 49.5 | 2.825 | 0.6 | -1.880 | 2.307 | -50.8 | 2.976 |
| 248166.6 | 842653.4 | 135.8 | 29.967 | 22.282 | 36.6 | 37.343 | 0.7 | 29.716 | 1.839 | 2.151 | 49.5 | 2.830 | 0.6 | -1.854 | 2.279 | -50.9 | 2.938 |
| 248165.9 | 842652.7 | 135.7 | 29.979 | 22.318 | 36.7 | 37.374 | 0.6 | 29.741 | 1.844 | 2.153 | 49.4 | 2.835 | 0.6 | -1.830 | 2.255 | -50.9 | 2.905 |
| 248165.2 | 842651.9 | 135.7 | 29.989 | 22.352 | 36.7 | 37.403 | 0.6 | 29.764 | 1.848 | 2.155 | 49.4 | 2.839 | 0.6 | -1.809 | 2.235 | -51.0 | 2.876 |
| 248164.5 | 842651.2 | 135.6 | 29.999 | 22.386 | 36.7 | 37.430 | 0.5 | 29.786 | 1.852 | 2.156 | 49.3 | 2.842 | 0.6 | -1.791 | 2.218 | -51.1 | 2.850 |
| 248163.8 | 842650.5 | 135.5 | 30.007 | 22.418 | 36.8 | 37.456 | 0.5 | 29.806 | 1.856 | 2.157 | 49.3 | 2.846 | 0.6 | -1.774 | 2.204 | -51.2 | 2.829 |
| 248163.1 | 842649.8 | 135.5 | 30.013 | 22.448 | 36.8 | 37.480 | 0.5 | 29.825 | 1.860 | 2.158 | 49.2 | 2.849 | 0.6 | -1.760 | 2.193 | -51.2 | 2.812 |
| 248162.4 | 842649.1 | 135.4 | 30.019 | 22.478 | 36.8 | 37.502 | 0.4 | 29.843 | 1.863 | 2.159 | 49.2 | 2.851 | 0.6 | -1.748 | 2.184 | -51.3 | 2.798 |
| 248161.7 | 842648.3 | 135.4 | 30.023 | 22.506 | 36.9 | 37.522 | 0.4 | 29.859 | 1.866 | 2.159 | 49.2 | 2.854 | 0.6 | -1.738 | 2.179 | -51.4 | 2.787 |
| 248161.0 | 842647.6 | 135.3 | 30.026 | 22.532 | 36.9 | 37.540 | 0.4 | 29.874 | 1.869 | 2.159 | 49.1 | 2.856 | 0.6 | -1.729 | 2.177 | -51.5 | 2.780 |
| 248160.3 | 842646.9 | 135.3 | 30.027 | 22.558 | 36.9 | 37.557 | 0.3 | 29.887 | 1.871 | 2.160 | 49.1 | 2.857 | 0.6 | -1.723 | 2.176 | -51.6 | 2.776 |
| 248159.6 | 842646.2 | 135.2 | 30.028 | 22.582 | 36.9 | 37.571 | 0.3 | 29.898 | 1.874 | 2.160 | 49.1 | 2.859 | 0.7 | -1.718 | 2.178 | -51.7 | 2.774 |
| 248159.0 | 842645.5 | 135.2 | 30.027 | 22.605 | 37.0 | 37.584 | 0.3 | 29.909 | 1.876 | 2.159 | 49.0 | 2.860 | 0.7 | -1.715 | 2.182 | -51.8 | 2.776 |
| 248158.3 | 842644.8 | 135.1 | 30.025 | 22.626 | 37.0 | 37.596 | 0.2 | 29.918 | 1.878 | 2.159 | 49.0 | 2.862 | 0.7 | -1.713 | 2.188 | -51.9 | 2.779 |
| 248157.6 | 842644.0 | 135.1 | 30.021 | 22.647 | 37.0 | 37.605 | 0.2 | 29.925 | 1.880 | 2.159 | 49.0 | 2.863 | 0.8 | -1.713 | 2.196 | -52.1 | 2.785 |
| 248156.9 | 842643.3 | 135.0 | 30.010 | 22.660 | 37.1 | 37.605 | 0.2 | 29.925 | 1.881 | 2.159 | 48.9 | 2.863 | 0.8 | -1.708 | 2.200 | -52.2 | 2.785 |
| 248156.2 | 842642.6 | 135.0 | 29.981 | 22.655 | 37.1 | 37.578 | 0.2 | 29.904 | 1.883 | 2.158 | 48.9 | 2.864 | 0.8 | -1.690 | 2.187 | -52.3 | 2.764 |
| 248155.5 | 842641.9 | 134.9 | 29.951 | 22.649 | 37.1 | 37.551 | 0.2 | 29.882 | 1.884 | 2.157 | 48.9 | 2.864 | 0.8 | -1.672 | 2.176 | -52.5 | 2.744 |
| 248154.8 | 842641.2 | 134.8 | 29.898 | 22.621 | 37.1 | 37.492 | 0.2 | 29.835 | 1.885 | 2.156 | 48.8 | 2.864 | 0.8 | -1.637 | 2.144 | -52.6 | 2.697 |
| 248154.1 | 842640.4 | 134.7 | 29.842 | 22.590 | 37.1 | 37.428 | 0.2 | 29.784 | 1.886 | 2.155 | 48.8 | 2.864 | 0.9 | -1.600 | 2.111 | -52.8 | 2.649 |
| 248153.4 | 842639.7 | 134.7 | 29.785 | 22.557 | 37.1 | 37.363 | 0.2 | 29.732 | 1.887 | 2.154 | 48.8 | 2.863 | 0.9 | -1.563 | 2.078 | -53.0 | 2.600 |
| 248152.7 | 842639.0 | 134.6 | 29.726 | 22.524 | 37.2 | 37.296 | 0.2 | 29.679 | 1.887 | 2.153 | 48.8 | 2.863 | 0.9 | -1.527 | 2.045 | -53.3 | 2.552 |
| 248152.0 | 842638.3 | 134.5 | 29.667 | 22.489 | 37.2 | 37.227 | 0.2 | 29.624 | 1.888 | 2.152 | 48.7 | 2.863 | 0.9 | -1.491 | 2.013 | -53.5 | 2.505 |
| 248151.3 | 842637.6 | 134.4 | 29.606 | 22.452 | 37.2 | 37.157 | 0.2 | 29.569 | 1.889 | 2.152 | 48.7 | 2.863 | 0.9 | -1.456 | 1.980 | -53.7 | 2.457 |
| 248150.6 | 842636.9 | 134.4 | 29.545 | 22.415 | 37.2 | 37.085 | 0.2 | 29.512 | 1.890 | 2.151 | 48.7 | 2.863 | 0.9 | -1.420 | 1.946 | -53.9 | 2.409 |
| 248149.9 | 842636.1 | 134.3 | 29.482 | 22.376 | 37.2 | 37.012 | 0.2 | 29.453 | 1.891 | 2.151 | 48.7 | 2.864 | 0.9 | -1.385 | 1.913 | -54.1 | 2.361 |
| 248149.2 | 842635.4 | 134.2 | 29.418 | 22.336 | 37.2 | 36.937 | 0.2 | 29.394 | 1.892 | 2.151 | 48.7 | 2.864 | 0.9 | -1.350 | 1.879 | -54.3 | 2.313 |
| 248148.5 | 842634.7 | 134.1 | 29.354 | 22.295 | 37.2 | 36.861 | 0.2 | 29.333 | 1.892 | 2.151 | 48.7 | 2.865 | 0.9 | -1.315 | 1.844 | -54.5 | 2.265 |
| 248147.8 | 842634.0 | 134.1 | 29.326 | 22.290 | 37.2 | 36.836 | 0.2 | 29.313 | 1.894 | 2.151 | 48.6 | 2.866 | 1.0 | -1.316 | 1.849 | -54.6 | 2.270 |
| 248147.1 | 842633.3 | 134.1 | 29.352 | 22.336 | 37.3 | 36.884 | 0.1 | 29.351 | 1.895 | 2.152 | 48.6 | 2.868 | 1.0 | -1.366 | 1.910 | -54.4 | 2.348 |
| 248146.4 | 842632.5 | 134.0 | 29.376 | 22.381 | 37.3 | 36.931 | 0.1 | 29.388 | 1.897 | 2.153 | 48.6 | 2.870 | 1.0 | -1.418 | 1.971 | -54.3 | 2.428 |
| 248145.7 | 842631.8 | 134.0 | 29.399 | 22.425 | 37.3 | 36.975 | 0.1 | 29.424 | 1.898 | 2.154 | 48.6 | 2.871 | 1.1 | -1.471 | 2.034 | -54.1 | 2.510 |
| 248145.0 | 842631.1 | 133.9 | 29.367 | 22.415 | 37.4 | 36.944 | 0.1 | 29.399 | 1.899 | 2.155 | 48.6 | 2.872 | 1.1 | -1.478 | 2.042 | -54.1 | 2.521 |
| 248144.3 | 842630.4 | 133.8 | 29.269 | 22.340 | 37.4 | 36.820 | 0.1 | 29.301 | 1.899 | 2.154 | 48.6 | 2.871 | 1.0 | -1.426 | 1.984 | -54.3 | 2.444 |
| 248143.6 | 842629.7 | 133.8 | 29.167 | 22.262 | 37.4 | 36.692 | 0.1 | 29.199 | 1.898 | 2.153 | 48.6 | 2.870 | 1.0 | -1.375 | 1.927 | -54.5 | 2.367 |
| 248142.9 | 842629.0 | 133.7 | 29.074 | 22.192 | 37.4 | 36.576 | 0.1 | 29.106 | 1.898 | 2.152 | 48.6 | 2.869 | 1.0 | -1.336 | 1.881 | -54.6 | 2.307 |
| 248142.2 | 842628.2 | 133.6 | 28.980 | 22.121 | 37.4 | 36.458 | 0.2 | 29.012 | 1.897 | 2.150 | 48.6 | 2.867 | 1.0 | -1.299 | 1.839 | -54.8 | 2.252 |
| 248141.6 | 842627.5 | 133.5 | 28.885 | 22.049 | 37.4 | 36.339 | 0.2 | 28.918 | 1.895 | 2.148 | 48.6 | 2.865 | 1.0 | -1.266 | 1.801 | -54.9 | 2.202 |
| 248140.9 | 842626.8 | 133.4 | 28.797 | 21.983 | 37.4 | 36.229 | 0.2 | 28.830 | 1.894 | 2.146 | 48.6 | 2.862 | 0.9 | -1.244 | 1.775 | -55.0 | 2.167 |
| 248140.2 | 842626.1 | 133.3 | 28.695 | 21.904 | 37.4 | 36.100 | 0.2 | 28.727 | 1.891 | 2.143 | 48.6 | 2.858 | 0.9 | -1.214 | 1.739 | -55.1 | 2.121 |
| 248139.5 | 842625.4 | 133.2 | 28.591 | 21.823 | 37.4 | 35.968 | 0.3 | 28.622 | 1.889 | 2.140 | 48.6 | 2.854 | 0.9 | -1.187 | 1.707 | -55.2 | 2.079 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248138.8 | 842624.6 | 133.1 | 28.466 | 21.721 | 37.3 | 35.807 | 0.3 | 28.494 | 1.886 | 2.136 | 48.6 | 2.849 | 0.9 | -1.146 | 1.659 | -55.4 | 2.016 |
| 248138.1 | 842623.9 | 133.0 | 28.338 | 21.615 | 37.3 | 35.641 | 0.3 | 28.362 | 1.882 | 2.132 | 48.6 | 2.844 | 0.9 | -1.107 | 1.612 | -55.5 | 1.955 |
| 248137.4 | 842623.2 | 133.0 | 28.230 | 21.529 | 37.3 | 35.502 | 0.4 | 28.252 | 1.878 | 2.127 | 48.6 | 2.838 | 0.8 | -1.092 | 1.593 | -55.6 | 1.931 |
| 248136.7 | 842622.5 | 132.9 | 28.121 | 21.442 | 37.3 | 35.363 | 0.4 | 28.141 | 1.874 | 2.122 | 48.6 | 2.831 | 0.8 | -1.082 | 1.579 | -55.6 | 1.914 |
| 248136.0 | 842621.8 | 132.8 | 28.036 | 21.379 | 37.3 | 35.258 | 0.4 | 28.057 | 1.870 | 2.118 | 48.6 | 2.825 | 0.8 | -1.102 | 1.598 | -55.4 | 1.942 |
| 248135.3 | 842621.1 | 132.7 | 27.922 | 21.287 | 37.3 | 35.111 | 0.5 | 27.941 | 1.865 | 2.112 | 48.6 | 2.817 | 0.8 | -1.100 | 1.592 | -55.4 | 1.934 |
| 248134.6 | 842620.3 | 132.6 | 27.826 | 21.212 | 37.3 | 34.989 | 0.5 | 27.844 | 1.859 | 2.107 | 48.6 | 2.810 | 0.8 | -1.120 | 1.610 | -55.2 | 1.961 |
| 248133.9 | 842619.6 | 132.6 | 27.757 | 21.164 | 37.3 | 34.906 | 0.5 | 27.777 | 1.854 | 2.101 | 48.6 | 2.802 | 0.9 | -1.172 | 1.666 | -54.9 | 2.037 |
| 248133.2 | 842618.9 | 132.5 | 27.703 | 21.130 | 37.3 | 34.842 | 0.5 | 27.726 | 1.848 | 2.095 | 48.6 | 2.794 | 0.9 | -1.244 | 1.743 | -54.5 | 2.142 |
| 248132.5 | 842618.2 | 132.4 | 27.635 | 21.082 | 37.3 | 34.758 | 0.5 | 27.660 | 1.842 | 2.089 | 48.6 | 2.785 | 0.9 | -1.309 | 1.811 | -54.1 | 2.235 |
| 248131.8 | 842617.5 | 132.3 | 27.515 | 20.984 | 37.3 | 34.604 | 0.6 | 27.537 | 1.835 | 2.082 | 48.6 | 2.775 | 0.9 | -1.330 | 1.830 | -54.0 | 2.262 |
| 248131.1 | 842616.8 | 132.2 | 27.380 | 20.870 | 37.3 | 34.427 | 0.6 | 27.396 | 1.828 | 2.074 | 48.6 | 2.765 | 0.9 | -1.341 | 1.837 | -53.9 | 2.274 |
| 248130.4 | 842616.0 | 132.1 | 27.190 | 20.704 | 37.3 | 34.175 | 0.7 | 27.196 | 1.820 | 2.065 | 48.6 | 2.753 | 0.9 | -1.305 | 1.791 | -53.9 | 2.216 |
| 248129.7 | 842615.3 | 132.0 | 27.001 | 20.538 | 37.3 | 33.925 | 0.8 | 26.996 | 1.812 | 2.057 | 48.6 | 2.741 | 0.9 | -1.275 | 1.750 | -53.9 | 2.165 |
| 248129.0 | 842614.6 | 131.9 | 26.813 | 20.373 | 37.2 | 33.674 | 0.8 | 26.797 | 1.803 | 2.048 | 48.6 | 2.728 | 0.9 | -1.249 | 1.715 | -53.9 | 2.121 |
| 248128.3 | 842613.9 | 131.7 | 26.624 | 20.207 | 37.2 | 33.424 | 0.9 | 26.598 | 1.794 | 2.038 | 48.6 | 2.715 | 0.9 | -1.228 | 1.684 | -53.9 | 2.084 |
| 248127.6 | 842613.2 | 131.6 | 26.431 | 20.038 | 37.2 | 33.168 | 1.0 | 26.394 | 1.785 | 2.029 | 48.7 | 2.702 | 0.8 | -1.207 | 1.653 | -53.9 | 2.047 |
| 248126.9 | 842612.4 | 131.5 | 26.239 | 19.869 | 37.1 | 32.913 | 1.1 | 26.191 | 1.776 | 2.019 | 48.7 | 2.688 | 0.8 | -1.190 | 1.627 | -53.8 | 2.016 |
| 248126.2 | 842611.7 | 131.3 | 26.052 | 19.705 | 37.1 | 32.664 | 1.2 | 25.994 | 1.766 | 2.008 | 48.7 | 2.675 | 0.8 | -1.181 | 1.610 | -53.7 | 1.997 |
| 248125.5 | 842611.0 | 131.2 | 25.868 | 19.544 | 37.1 | 32.421 | 1.2 | 25.800 | 1.756 | 1.998 | 48.7 | 2.660 | 0.8 | -1.179 | 1.601 | -53.6 | 1.988 |
| 248124.8 | 842610.3 | 131.1 | 25.685 | 19.384 | 37.0 | 32.178 | 1.3 | 25.607 | 1.747 | 1.988 | 48.7 | 2.646 | 0.8 | -1.180 | 1.594 | -53.5 | 1.983 |
| 248124.2 | 842609.6 | 131.0 | 25.563 | 19.283 | 37.0 | 32.020 | 1.4 | 25.481 | 1.737 | 1.978 | 48.7 | 2.632 | 0.9 | -1.244 | 1.661 | -53.2 | 2.075 |
| 248123.5 | 842608.9 | 130.9 | 25.452 | 19.192 | 37.0 | 31.877 | 1.4 | 25.367 | 1.728 | 1.968 | 48.7 | 2.619 | 0.9 | -1.321 | 1.741 | -52.8 | 2.185 |
| 248122.8 | 842608.1 | 130.8 | 25.307 | 19.069 | 37.0 | 31.687 | 1.4 | 25.216 | 1.718 | 1.958 | 48.7 | 2.605 | 0.9 | -1.367 | 1.785 | -52.6 | 2.248 |
| 248122.1 | 842607.4 | 130.7 | 25.119 | 18.904 | 37.0 | 31.438 | 1.5 | 25.018 | 1.708 | 1.948 | 48.7 | 2.591 | 0.9 | -1.370 | 1.780 | -52.4 | 2.246 |
| 248121.4 | 842606.7 | 130.5 | 24.932 | 18.740 | 36.9 | 31.190 | 1.6 | 24.820 | 1.698 | 1.937 | 48.8 | 2.576 | 0.9 | -1.375 | 1.776 | -52.3 | 2.246 |
| 248120.7 | 842606.0 | 130.4 | 24.745 | 18.577 | 36.9 | 30.942 | 1.7 | 24.623 | 1.689 | 1.927 | 48.8 | 2.562 | 0.9 | -1.380 | 1.773 | -52.1 | 2.247 |
| 248120.0 | 842605.3 | 130.3 | 24.559 | 18.414 | 36.9 | 30.696 | 1.8 | 24.427 | 1.679 | 1.917 | 48.8 | 2.548 | 0.9 | -1.386 | 1.770 | -51.9 | 2.248 |
| 248119.3 | 842604.5 | 130.2 | 24.374 | 18.252 | 36.8 | 30.450 | 1.8 | 24.231 | 1.669 | 1.907 | 48.8 | 2.534 | 0.9 | -1.392 | 1.767 | -51.8 | 2.249 |
| 248118.6 | 842603.8 | 130.0 | 24.189 | 18.090 | 36.8 | 30.205 | 1.9 | 24.037 | 1.660 | 1.897 | 48.8 | 2.520 | 0.9 | -1.397 | 1.763 | -51.6 | 2.250 |
| 248117.9 | 842603.1 | 129.9 | 24.005 | 17.929 | 36.8 | 29.962 | 2.0 | 23.843 | 1.650 | 1.887 | 48.8 | 2.507 | 0.9 | -1.403 | 1.759 | -51.4 | 2.249 |
| 248117.2 | 842602.4 | 129.8 | 23.816 | 17.764 | 36.7 | 29.711 | 2.1 | 23.644 | 1.641 | 1.877 | 48.8 | 2.493 | 0.9 | -1.402 | 1.746 | -51.2 | 2.239 |
| 248116.5 | 842601.7 | 129.6 | 23.604 | 17.577 | 36.7 | 29.429 | 2.2 | 23.419 | 1.632 | 1.867 | 48.8 | 2.480 | 0.9 | -1.376 | 1.705 | -51.1 | 2.190 |
| 248115.8 | 842601.0 | 129.5 | 23.420 | 17.416 | 36.6 | 29.185 | 2.2 | 23.225 | 1.623 | 1.858 | 48.9 | 2.467 | 0.9 | -1.376 | 1.693 | -50.9 | 2.182 |
| 248115.1 | 842600.2 | 129.4 | 23.262 | 17.280 | 36.6 | 28.977 | 2.3 | 23.059 | 1.614 | 1.849 | 48.9 | 2.454 | 0.9 | -1.402 | 1.711 | -50.7 | 2.211 |
| 248114.4 | 842599.5 | 129.3 | 23.112 | 17.152 | 36.6 | 28.781 | 2.4 | 22.903 | 1.606 | 1.840 | 48.9 | 2.442 | 0.9 | -1.434 | 1.735 | -50.4 | 2.251 |
| 248113.7 | 842598.8 | 129.2 | 22.962 | 17.023 | 36.6 | 28.584 | 2.4 | 22.746 | 1.598 | 1.831 | 48.9 | 2.431 | 0.9 | -1.464 | 1.758 | -50.2 | 2.288 |
| 248113.0 | 842598.1 | 129.1 | 22.813 | 16.896 | 36.5 | 28.388 | 2.5 | 22.590 | 1.590 | 1.823 | 48.9 | 2.419 | 0.9 | -1.493 | 1.778 | -50.0 | 2.322 |
| 248112.3 | 842597.4 | 128.9 | 22.663 | 16.768 | 36.5 | 28.192 | 2.5 | 22.435 | 1.582 | 1.815 | 48.9 | 2.408 | 0.9 | -1.520 | 1.796 | -49.8 | 2.353 |
| 248111.6 | 842596.6 | 128.8 | 22.530 | 16.655 | 36.5 | 28.018 | 2.6 | 22.296 | 1.575 | 1.807 | 48.9 | 2.397 | 0.9 | -1.562 | 1.830 | -49.5 | 2.406 |
| 248110.9 | 842595.9 | 128.7 | 22.391 | 16.537 | 36.4 | 27.836 | 2.6 | 22.151 | 1.567 | 1.799 | 48.9 | 2.386 | 0.9 | -1.595 | 1.855 | -49.3 | 2.447 |
| 248110.2 | 842595.2 | 128.6 | 22.242 | 16.410 | 36.4 | 27.640 | 2.7 | 21.995 | 1.559 | 1.791 | 48.9 | 2.374 | 0.9 | -1.616 | 1.866 | -49.1 | 2.469 |
| 248109.5 | 842594.5 | 128.5 | 22.116 | 16.304 | 36.4 | 27.476 | 2.7 | 21.864 | 1.552 | 1.783 | 49.0 | 2.364 | 0.9 | -1.660 | 1.902 | -48.9 | 2.524 |
| 248108.8 | 842593.8 | 128.4 | 21.989 | 16.197 | 36.4 | 27.310 | 2.8 | 21.733 | 1.545 | 1.775 | 49.0 | 2.353 | 0.9 | -1.700 | 1.935 | -48.7 | 2.576 |
| 248108.1 | 842593.1 | 128.3 | 21.862 | 16.090 | 36.4 | 27.144 | 2.8 | 21.601 | 1.538 | 1.767 | 49.0 | 2.343 | 0.9 | -1.739 | 1.966 | -48.5 | 2.624 |
| 248107.4 | 842592.3 | 128.2 | 21.734 | 15.983 | 36.3 | 26.978 | 2.9 | 21.469 | 1.531 | 1.760 | 49.0 | 2.332 | 0.9 | -1.776 | 1.995 | -48.3 | 2.670 |
| 248106.8 | 842591.6 | 128.2 | 21.607 | 15.876 | 36.3 | 26.812 | 2.9 | 21.337 | 1.524 | 1.752 | 49.0 | 2.321 | 0.8 | -1.811 | 2.022 | -48.2 | 2.714 |
| 248106.1 | 842590.9 | 128.1 | 21.480 | 15.769 | 36.3 | 26.647 | 3.0 | 21.205 | 1.516 | 1.744 | 49.0 | 2.311 | 0.8 | -1.845 | 2.048 | -48.0 | 2.756 |
| 248105.4 | 842590.2 | 128.0 | 21.353 | 15.662 | 36.3 | 26.481 | 3.0 | 21.073 | 1.509 | 1.735 | 49.0 | 2.300 | 0.8 | -1.877 | 2.072 | -47.8 | 2.796 |
| 248104.7 | 842589.5 | 127.8 | 21.174 | 15.506 | 36.2 | 26.244 | 3.1 | 20.885 | 1.501 | 1.726 | 49.0 | 2.288 | 0.8 | -1.852 | 2.030 | -47.6 | 2.748 |
| 248104.0 | 842588.7 | 127.7 | 20.976 | 15.333 | 36.2 | 25.982 | 3.2 | 20.676 | 1.493 | 1.717 | 49.0 | 2.275 | 0.8 | -1.804 | 1.963 | -47.4 | 2.666 |
| 248103.3 | 842588.0 | 127.5 | 20.769 | 15.153 | 36.1 | 25.709 | 3.3 | 20.459 | 1.484 | 1.707 | 49.0 | 2.262 | 0.7 | -1.746 | 1.883 | -47.2 | 2.568 |
| 248102.6 | 842587.3 | 127.4 | 20.562 | 14.972 | 36.1 | 25.435 | 3.3 | 20.241 | 1.476 | 1.697 | 49.0 | 2.249 | 0.7 | -1.684 | 1.800 | -46.9 | 2.465 |
| 248101.9 | 842586.6 | 127.2 | 20.354 | 14.790 | 36.0 | 25.160 | 3.4 | 20.022 | 1.467 | 1.687 | 49.0 | 2.235 | 0.7 | -1.619 | 1.714 | -46.6 | 2.357 |
| 248101.2 | 842585.9 | 127.1 | 20.140 | 14.604 | 35.9 | 24.878 | 3.5 | 19.797 | 1.458 | 1.676 | 49.0 | 2.222 | 0.6 | -1.545 | 1.618 | -46.3 | 2.237 |
| 248100.5 | 842585.2 | 126.9 | 19.943 | 14.432 | 35.9 | 24.618 | 3.6 | 19.590 | 1.449 | 1.666 | 49.0 | 2.208 | 0.6 | -1.487 | 1.541 | -46.0 | 2.141 |
| 248099.8 | 842584.4 | 126.8 | 19.823 | 14.332 | 35.9 | 24.461 | 3.6 | 19.466 | 1.442 | 1.657 | 49.0 | 2.196 | 0.6 | -1.514 | 1.562 | -45.9 | 2.175 |
| 248099.1 | 842583.7 | 126.7 | 19.725 | 14.253 | 35.9 | 24.336 | 3.7 | 19.366 | 1.434 | 1.648 | 49.0 | 2.184 | 0.6 | -1.564 | 1.610 | -45.8 | 2.245 |
| 248098.4 | 842583.0 | 126.6 | 19.587 | 14.136 | 35.8 | 24.155 | 3.7 | 19.222 | 1.426 | 1.638 | 49.0 | 2.172 | 0.6 | -1.567 | 1.603 | -45.7 | 2.242 |
| 248097.7 | 842582.3 | 126.5 | 19.405 | 13.979 | 35.8 | 23.916 | 3.8 | 19.032 | 1.417 | 1.628 | 49.0 | 2.159 | 0.6 | -1.518 | 1.538 | -45.4 | 2.161 |
| 248097.0 | 842581.6 | 126.3 | 19.215 | 13.815 | 35.7 | 23.665 | 3.9 | 18.832 | 1.409 | 1.618 | 48.9 | 2.145 | 0.5 | -1.455 | 1.457 | -45.0 | 2.059 |
| 248096.3 | 842580.8 | 126.1 | 18.983 | 13.613 | 35.6 | 23.360 | 4.0 | 18.589 | 1.400 | 1.607 | 48.9 | 2.131 | 0.5 | -1.343 | 1.319 | -44.5 | 1.883 |
| 248095.6 | 842580.1 | 126.0 | 18.769 | 13.428 | 35.6 | 23.077 | 4.1 | 18.364 | 1.391 | 1.597 | 48.9 | 2.118 | 0.5 | -1.246 | 1.199 | -43.9 | 1.729 |
| 248094.9 | 842579.4 | 125.9 | 18.642 | 13.322 | 35.5 | 22.913 | 4.1 | 18.234 | 1.383 | 1.587 | 48.9 | 2.106 | 0.5 | -1.248 | 1.194 | -43.7 | 1.727 |
| 248094.2 | 842578.7 | 125.8 | 18.516 | 13.217 | 35.5 | 22.749 | 4.2 | 18.103 | 1.376 | 1.578 | 48.9 | 2.094 | 0.5 | -1.247 | 1.185 | -43.5 | 1.721 |
| 248093.5 | 842578.0 | 125.7 | 18.393 | 13.114 | 35.5 | 22.589 | 4.2 | 17.976 | 1.369 | 1.570 | 48.9 | 2.083 | 0.5 | -1.247 | 1.177 | -43.3 | 1.714 |
| 248092.8 | 842577.3 | 125.6 | 18.277 | 13.018 | 35.5 | 22.439 | 4.2 | 17.856 | 1.362 | 1.561 | 48.9 | 2.072 | 0.5 | -1.251 | 1.175 | -43.2 | 1.716 |
| 248092.1 | 842576.5 | 125.5 | 18.161 | 12.922 | 35.4 | 22.290 | 4.3 | 17.738 | 1.355 | 1.553 | 48.9 | 2.061 | 0.5 | -1.253 | 1.169 | -43.0 | 1.714 |
| 248091.4 | 842575.8 | 125.4 | 18.046 | 12.827 | 35.4 | 22.141 | 4.3 | 17.619 | 1.348 | 1.546 | 48.9 | 2.051 | 0.5 | -1.251 | 1.159 | -42.8 | 1.706 |
| 248090.7 | 842575.1 | 125.3 | 17.931 | 12.732 | 35.4 | 21.992 | 4.4 | 17.500 | 1.342 | 1.538 | 48.9 | 2.041 | 0.5 | -1.245 | 1.146 | -42.6 | 1.692 |
| 248090.0 | 842574.4 | 125.2 | 17.825 | 12.645 | 35.4 | 21.855 | 4.4 | 17.391 | 1.336 | 1.531 | 48.9 | 2.032 | 0.5 | -1.246 | 1.139 | -42.4 | 1.688 |
| 248089.4 | 842573.7 | 125.1 | 17.721 | 12.559 | 35.3 | 21.720 | 4.4 | 17.284 | 1.330 | 1.524 | 48.9 | 2.023 | 0.5 | -1.244 | 1.130 | -42.3 | 1.681 |
| 248088.7 | 842573.0 | 125.0 | 17.619 | 12.476 | 35.3 | 21.589 | 4.5 | 17.180 | 1.325 | 1.518 | 48.9 | 2.015 | 0.5 | -1.241 | 1.120 | -42.1 | 1.672 |
| 248088.0 | 842572.2 | 124.9 | 17.517 | 12.392 | 35.3 | 21.457 | 4.5 | 17.075 | 1.320 | 1.512 | 48.9 | 2.007 | 0.5 | -1.234 | 1.104 | -41.8 | 1.655 |
| 248087.3 | 842571.5 | 124.8 | 17.405 | 12.300 | 35.2 | 21.312 | 4.5 | 16.960 | 1.315 | 1.506 | 48.9 | 1.999 | 0.6 | -1.210 | 1.070 | -41.5 | 1.615 |
| 248086.6 | 842570.8 | 124.8 | 17.293 | 12.208 | 35.2 | 21.168 | 4.6 | 16.845 | 1.310 | 1.500 | 48.9 | 1.992 | 0.6 | -1.182 | 1.031 | -41.1 | 1.568 |
| 248085.9 | 842570.1 | 124.7 | 17.182 | 12.116 | 35.2 | 21.024 | 4.6 | 16.730 | 1.305 | 1.495 | 48.9 | 1.985 | 0.6 | -1.149 | 0.987 | -40.7 | 1.515 |
| 248085.2 | 842569.4 | 124.6 | 17.099 | 12.050 | 35.2 | 20.918 | 4.6 | 16.646 | 1.301 | 1.490 | 48.9 | 1.978 | 0.6 | -1.147 | 0.979 | -40.5 | 1.508 |
| 248084.5 | 842568.6 | 124.5 | 17.016 | 11.983 | 35.2 | 20.812 | 4.7 | 16.562 | 1.297 | 1.486 | 48.9 | 1.973 | 0.6 | -1.141 | 0.965 | -40.2 | 1.494 |
| 248083.8 | 842567.9 | 124.5 | 16.932 | 11.916 | 35.1 | 20.705 | 4.7 | 16.476 | 1.294 | 1.482 | 48.9 | 1.967 | 0.6 | -1.128 | 0.945 | -40.0 | 1.472 |
| 248083.1 | 842567.2 | 124.4 | 16.851 | 11.852 | 35.1 | 20.601 | 4.7 | 16.394 | 1.291 | 1.478 | 48.9 | 1.962 | 0.6 | -1.115 | 0.925 | -39.7 | 1.448 |
| 248082.4 | 842566.5 | 124.3 | 16.774 | 11.790 | 35.1 | 20.503 | 4.7 | 16.316 | 1.287 | 1.474 | 48.9 | 1.957 | 0.6 | -1.102 | 0.904 | -39.4 | 1.425 |
| 248081.7 | 842565.8 | 124.3 | 16.697 | 11.729 | 35.1 | 20.404 | 4.8 | 16.237 | 1.285 | 1.471 | 48.9 | 1.953 | 0.6 | -1.083 | 0.879 | -39.0 | 1.395 |
| 248081.0 | 842565.1 | 124.2 | 16.619 | 11.667 | 35.1 | 20.305 | 4.8 | 16.158 | 1.282 | 1.468 | 48.9 | 1.949 | 0.6 | -1.061 | 0.848 | -38.7 | 1.358 |
| 248080.3 | 842564.3 | 124.2 | 16.541 | 11.605 | 35.1 | 20.206 | 4.8 | 16.079 | 1.280 | 1.465 | 48.9 | 1.945 | 0.6 | -1.033 | 0.812 | -38.2 | 1.314 |
| 248079.6 | 842563.6 | 124.1 | 16.463 | 11.543 | 35.0 | 20.107 | 4.8 | 16.000 | 1.278 | 1.462 | 48.9 | 1.942 | 0.6 | -1.000 | 0.771 | -37.6 | 1.263 |
| 248078.9 | 842562.9 | 124.0 | 16.385 | 11.481 | 35.0 | 20.007 | 4.8 | 15.921 | 1.276 | 1.460 | 48.9 | 1.939 | 0.6 | -0.963 | 0.725 | -37.0 | 1.205 |

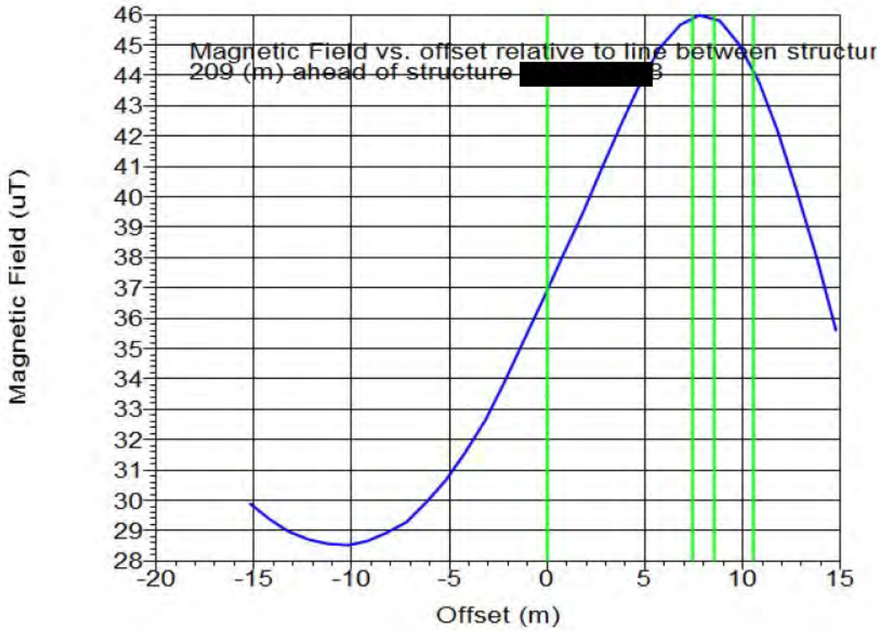
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248078.2 | 842562.2 | 124.0 | 16.338 | 11.446 | 35.0 | 19.948 | 4.9 | 15.874 | 1.274 | 1.458 | 48.9 | 1.937 | 0.6 | -0.959 | 0.717 | -36.8 | 1.198 |
| 248077.5 | 842561.5 | 124.0 | 16.319 | 11.436 | 35.0 | 19.927 | 4.8 | 15.857 | 1.274 | 1.458 | 48.8 | 1.936 | 0.6 | -0.988 | 0.746 | -37.1 | 1.238 |
| 248076.8 | 842560.7 | 124.0 | 16.299 | 11.425 | 35.0 | 19.905 | 4.8 | 15.840 | 1.273 | 1.457 | 48.8 | 1.935 | 0.7 | -1.011 | 0.770 | -37.3 | 1.271 |
| 248076.1 | 842560.0 | 124.0 | 16.279 | 11.414 | 35.0 | 19.882 | 4.8 | 15.821 | 1.273 | 1.457 | 48.8 | 1.935 | 0.7 | -1.029 | 0.788 | -37.4 | 1.296 |
| 248075.4 | 842559.3 | 124.0 | 16.258 | 11.403 | 35.0 | 19.858 | 4.8 | 15.802 | 1.273 | 1.457 | 48.8 | 1.935 | 0.7 | -1.042 | 0.800 | -37.5 | 1.314 |
| 248074.7 | 842558.6 | 124.0 | 16.266 | 11.417 | 35.1 | 19.873 | 4.8 | 15.815 | 1.274 | 1.458 | 48.8 | 1.936 | 0.7 | -1.088 | 0.850 | -38.0 | 1.381 |
| 248074.0 | 842557.9 | 124.1 | 16.324 | 11.476 | 35.1 | 19.954 | 4.8 | 15.879 | 1.276 | 1.460 | 48.8 | 1.939 | 0.7 | -1.192 | 0.967 | -39.0 | 1.535 |
| 248073.3 | 842557.2 | 124.2 | 16.364 | 11.518 | 35.1 | 20.011 | 4.7 | 15.925 | 1.278 | 1.462 | 48.8 | 1.941 | 0.8 | -1.269 | 1.053 | -39.7 | 1.650 |
| 248072.6 | 842556.4 | 124.2 | 16.342 | 11.505 | 35.1 | 19.985 | 4.7 | 15.904 | 1.279 | 1.463 | 48.8 | 1.943 | 0.8 | -1.263 | 1.044 | -39.6 | 1.639 |
| 248072.0 | 842555.7 | 124.2 | 16.326 | 11.498 | 35.2 | 19.969 | 4.7 | 15.891 | 1.281 | 1.465 | 48.8 | 1.946 | 0.8 | -1.261 | 1.041 | -39.5 | 1.635 |
| 248071.3 | 842555.0 | 124.2 | 16.294 | 11.477 | 35.2 | 19.930 | 4.7 | 15.860 | 1.282 | 1.467 | 48.8 | 1.948 | 0.8 | -1.234 | 1.008 | -39.2 | 1.594 |
| 248070.6 | 842554.3 | 124.2 | 16.261 | 11.454 | 35.2 | 19.890 | 4.7 | 15.828 | 1.284 | 1.469 | 48.8 | 1.951 | 0.8 | -1.201 | 0.969 | -38.9 | 1.543 |
| 248069.9 | 842553.6 | 124.1 | 16.227 | 11.431 | 35.2 | 19.849 | 4.7 | 15.795 | 1.286 | 1.471 | 48.8 | 1.954 | 0.8 | -1.163 | 0.924 | -38.5 | 1.486 |
| 248069.2 | 842552.8 | 124.1 | 16.193 | 11.407 | 35.2 | 19.807 | 4.7 | 15.762 | 1.288 | 1.474 | 48.8 | 1.958 | 0.8 | -1.120 | 0.874 | -38.0 | 1.421 |
| 248068.5 | 842552.1 | 124.1 | 16.158 | 11.383 | 35.2 | 19.765 | 4.7 | 15.728 | 1.291 | 1.477 | 48.8 | 1.962 | 0.9 | -1.073 | 0.819 | -37.4 | 1.349 |
| 248067.8 | 842551.4 | 124.2 | 16.212 | 11.438 | 35.2 | 19.840 | 4.7 | 15.789 | 1.295 | 1.482 | 48.8 | 1.968 | 0.9 | -1.136 | 0.891 | -38.1 | 1.443 |
| 248067.1 | 842550.7 | 124.3 | 16.276 | 11.502 | 35.2 | 19.930 | 4.7 | 15.860 | 1.300 | 1.487 | 48.8 | 1.976 | 0.9 | -1.208 | 0.974 | -38.9 | 1.552 |
| 248066.4 | 842550.0 | 124.4 | 16.302 | 11.532 | 35.3 | 19.969 | 4.6 | 15.891 | 1.304 | 1.492 | 48.8 | 1.982 | 0.9 | -1.229 | 0.997 | -39.1 | 1.583 |
| 248065.7 | 842549.3 | 124.4 | 16.328 | 11.562 | 35.3 | 20.007 | 4.6 | 15.921 | 1.309 | 1.498 | 48.8 | 1.989 | 0.9 | -1.246 | 1.017 | -39.2 | 1.608 |
| 248065.0 | 842548.5 | 124.5 | 16.353 | 11.592 | 35.3 | 20.045 | 4.6 | 15.951 | 1.314 | 1.503 | 48.8 | 1.997 | 1.0 | -1.259 | 1.033 | -39.4 | 1.629 |
| 248064.3 | 842547.8 | 124.5 | 16.372 | 11.616 | 35.4 | 20.074 | 4.6 | 15.975 | 1.319 | 1.509 | 48.8 | 2.004 | 1.0 | -1.262 | 1.037 | -39.4 | 1.633 |
| 248063.6 | 842547.1 | 124.6 | 16.432 | 11.676 | 35.4 | 20.158 | 4.5 | 16.041 | 1.324 | 1.515 | 48.8 | 2.012 | 1.0 | -1.314 | 1.099 | -39.9 | 1.713 |
| 248062.9 | 842546.4 | 124.7 | 16.467 | 11.715 | 35.4 | 20.209 | 4.5 | 16.082 | 1.330 | 1.521 | 48.8 | 2.020 | 1.0 | -1.334 | 1.123 | -40.1 | 1.744 |
| 248062.2 | 842545.7 | 124.8 | 16.537 | 11.785 | 35.5 | 20.306 | 4.5 | 16.159 | 1.335 | 1.528 | 48.8 | 2.029 | 1.0 | -1.396 | 1.196 | -40.6 | 1.839 |
| 248061.5 | 842544.9 | 125.0 | 16.738 | 11.974 | 35.6 | 20.580 | 4.3 | 16.377 | 1.343 | 1.536 | 48.8 | 2.041 | 1.1 | -1.626 | 1.462 | -42.0 | 2.187 |
| 248060.8 | 842544.2 | 125.1 | 16.842 | 12.075 | 35.6 | 20.724 | 4.3 | 16.492 | 1.350 | 1.543 | 48.8 | 2.050 | 1.1 | -1.730 | 1.584 | -42.5 | 2.346 |
| 248060.1 | 842543.5 | 125.2 | 16.839 | 12.080 | 35.7 | 20.724 | 4.3 | 16.491 | 1.354 | 1.548 | 48.8 | 2.057 | 1.1 | -1.697 | 1.550 | -42.4 | 2.298 |
| 248059.4 | 842542.8 | 125.2 | 16.879 | 12.122 | 35.7 | 20.781 | 4.2 | 16.537 | 1.359 | 1.554 | 48.8 | 2.064 | 1.1 | -1.718 | 1.579 | -42.6 | 2.333 |
| 248058.7 | 842542.1 | 125.3 | 16.925 | 12.172 | 35.7 | 20.848 | 4.2 | 16.590 | 1.364 | 1.559 | 48.8 | 2.072 | 1.1 | -1.749 | 1.619 | -42.8 | 2.383 |
| 248058.0 | 842541.4 | 125.4 | 16.995 | 12.242 | 35.8 | 20.945 | 4.2 | 16.667 | 1.370 | 1.565 | 48.8 | 2.079 | 1.1 | -1.809 | 1.693 | -43.1 | 2.477 |
| 248057.3 | 842540.6 | 125.5 | 17.028 | 12.280 | 35.8 | 20.994 | 4.1 | 16.706 | 1.374 | 1.569 | 48.8 | 2.086 | 1.1 | -1.824 | 1.717 | -43.3 | 2.505 |
| 248056.6 | 842539.9 | 125.5 | 17.060 | 12.316 | 35.8 | 21.041 | 4.1 | 16.744 | 1.378 | 1.573 | 48.8 | 2.092 | 1.1 | -1.839 | 1.741 | -43.4 | 2.533 |
| 248055.9 | 842539.2 | 125.6 | 17.041 | 12.306 | 35.8 | 21.020 | 4.1 | 16.727 | 1.382 | 1.576 | 48.8 | 2.096 | 1.1 | -1.791 | 1.693 | -43.4 | 2.465 |
| 248055.2 | 842538.5 | 125.5 | 16.987 | 12.263 | 35.8 | 20.951 | 4.1 | 16.672 | 1.384 | 1.579 | 48.8 | 2.100 | 1.1 | -1.699 | 1.596 | -43.2 | 2.331 |
| 248054.6 | 842537.8 | 125.5 | 16.933 | 12.220 | 35.8 | 20.882 | 4.1 | 16.617 | 1.386 | 1.581 | 48.7 | 2.102 | 1.1 | -1.607 | 1.501 | -43.0 | 2.199 |
| 248053.9 | 842537.0 | 125.6 | 16.918 | 12.213 | 35.8 | 20.866 | 4.1 | 16.604 | 1.389 | 1.583 | 48.7 | 2.106 | 1.1 | -1.569 | 1.466 | -43.1 | 2.148 |
| 248053.2 | 842536.3 | 125.6 | 16.908 | 12.211 | 35.8 | 20.857 | 4.1 | 16.597 | 1.391 | 1.584 | 48.7 | 2.108 | 1.1 | -1.540 | 1.443 | -43.1 | 2.111 |
| 248052.5 | 842535.6 | 125.6 | 16.898 | 12.209 | 35.8 | 20.847 | 4.1 | 16.589 | 1.393 | 1.585 | 48.7 | 2.111 | 1.1 | -1.513 | 1.422 | -43.2 | 2.077 |
| 248051.8 | 842534.9 | 125.7 | 16.892 | 12.210 | 35.9 | 20.843 | 4.1 | 16.586 | 1.395 | 1.586 | 48.7 | 2.112 | 1.1 | -1.494 | 1.411 | -43.4 | 2.055 |
| 248051.1 | 842534.2 | 125.7 | 16.887 | 12.212 | 35.9 | 20.840 | 4.1 | 16.584 | 1.396 | 1.587 | 48.7 | 2.114 | 1.1 | -1.478 | 1.403 | -43.5 | 2.038 |
| 248050.4 | 842533.5 | 125.7 | 16.880 | 12.212 | 35.9 | 20.835 | 4.1 | 16.580 | 1.397 | 1.587 | 48.6 | 2.115 | 1.1 | -1.464 | 1.398 | -43.7 | 2.024 |
| 248049.7 | 842532.7 | 125.8 | 16.864 | 12.204 | 35.9 | 20.816 | 4.1 | 16.565 | 1.398 | 1.587 | 48.6 | 2.115 | 1.0 | -1.439 | 1.380 | -43.8 | 1.994 |
| 248049.0 | 842532.0 | 125.8 | 16.836 | 12.185 | 35.9 | 20.783 | 4.1 | 16.539 | 1.398 | 1.586 | 48.6 | 2.115 | 1.0 | -1.402 | 1.349 | -43.9 | 1.946 |
| 248048.3 | 842531.3 | 125.8 | 16.847 | 12.202 | 35.9 | 20.801 | 4.1 | 16.553 | 1.399 | 1.586 | 48.6 | 2.115 | 1.0 | -1.418 | 1.379 | -44.2 | 1.978 |
| 248047.6 | 842530.6 | 125.9 | 16.857 | 12.218 | 35.9 | 20.819 | 4.1 | 16.567 | 1.399 | 1.585 | 48.6 | 2.114 | 1.0 | -1.436 | 1.410 | -44.5 | 2.013 |
| 248046.9 | 842529.9 | 125.9 | 16.866 | 12.233 | 36.0 | 20.836 | 4.1 | 16.581 | 1.399 | 1.584 | 48.6 | 2.114 | 1.0 | -1.456 | 1.443 | -44.7 | 2.050 |
| 248046.2 | 842529.1 | 126.0 | 16.875 | 12.248 | 36.0 | 20.851 | 4.1 | 16.593 | 1.399 | 1.583 | 48.5 | 2.113 | 1.0 | -1.477 | 1.477 | -45.0 | 2.089 |
| 248045.5 | 842528.4 | 126.0 | 16.803 | 12.188 | 36.0 | 20.758 | 4.1 | 16.519 | 1.398 | 1.581 | 48.5 | 2.111 | 1.0 | -1.394 | 1.392 | -45.0 | 1.970 |
| 248044.8 | 842527.7 | 125.9 | 16.724 | 12.122 | 35.9 | 20.656 | 4.1 | 16.437 | 1.396 | 1.579 | 48.5 | 2.108 | 0.9 | -1.303 | 1.299 | -44.9 | 1.840 |
| 248044.1 | 842527.0 | 126.0 | 16.691 | 12.098 | 35.9 | 20.614 | 4.1 | 16.404 | 1.395 | 1.577 | 48.5 | 2.106 | 0.9 | -1.274 | 1.275 | -45.0 | 1.803 |
| 248043.4 | 842526.3 | 126.0 | 16.673 | 12.088 | 35.9 | 20.594 | 4.1 | 16.388 | 1.394 | 1.575 | 48.5 | 2.104 | 0.9 | -1.268 | 1.278 | -45.2 | 1.800 |
| 248042.7 | 842525.6 | 126.0 | 16.646 | 12.070 | 35.9 | 20.562 | 4.1 | 16.363 | 1.393 | 1.573 | 48.5 | 2.101 | 0.9 | -1.252 | 1.268 | -45.4 | 1.782 |
| 248042.0 | 842524.8 | 126.0 | 16.613 | 12.045 | 35.9 | 20.520 | 4.1 | 16.329 | 1.391 | 1.571 | 48.5 | 2.099 | 0.9 | -1.229 | 1.249 | -45.5 | 1.752 |
| 248041.3 | 842524.1 | 126.0 | 16.578 | 12.020 | 35.9 | 20.478 | 4.1 | 16.296 | 1.390 | 1.569 | 48.5 | 2.096 | 0.9 | -1.205 | 1.230 | -45.6 | 1.722 |
| 248040.6 | 842523.4 | 126.1 | 16.556 | 12.006 | 35.9 | 20.451 | 4.1 | 16.274 | 1.388 | 1.567 | 48.5 | 2.093 | 0.9 | -1.199 | 1.231 | -45.7 | 1.718 |
| 248039.9 | 842522.7 | 126.1 | 16.541 | 11.998 | 36.0 | 20.434 | 4.1 | 16.261 | 1.387 | 1.565 | 48.5 | 2.091 | 0.9 | -1.204 | 1.243 | -45.9 | 1.730 |
| 248039.2 | 842522.0 | 126.1 | 16.519 | 11.985 | 36.0 | 20.408 | 4.1 | 16.241 | 1.385 | 1.563 | 48.5 | 2.088 | 0.9 | -1.201 | 1.246 | -46.1 | 1.730 |
| 248038.5 | 842521.3 | 126.2 | 16.495 | 11.969 | 36.0 | 20.379 | 4.1 | 16.217 | 1.383 | 1.560 | 48.4 | 2.085 | 0.9 | -1.195 | 1.246 | -46.2 | 1.726 |
| 248037.8 | 842520.5 | 126.2 | 16.470 | 11.952 | 36.0 | 20.350 | 4.1 | 16.194 | 1.382 | 1.558 | 48.4 | 2.083 | 0.9 | -1.189 | 1.245 | -46.3 | 1.721 |
| 248037.2 | 842519.8 | 126.2 | 16.381 | 11.877 | 35.9 | 20.234 | 4.2 | 16.102 | 1.379 | 1.555 | 48.4 | 2.079 | 0.9 | -1.097 | 1.146 | -46.3 | 1.587 |
| 248036.5 | 842519.1 | 126.2 | 16.337 | 11.842 | 35.9 | 20.177 | 4.2 | 16.056 | 1.377 | 1.553 | 48.4 | 2.075 | 0.8 | -1.064 | 1.115 | -46.3 | 1.541 |
| 248035.8 | 842518.4 | 126.2 | 16.310 | 11.823 | 35.9 | 20.144 | 4.2 | 16.030 | 1.375 | 1.551 | 48.4 | 2.073 | 0.8 | -1.056 | 1.110 | -46.4 | 1.532 |
| 248035.1 | 842517.7 | 126.2 | 16.274 | 11.797 | 35.9 | 20.100 | 4.2 | 15.995 | 1.373 | 1.549 | 48.4 | 2.070 | 0.8 | -1.036 | 1.093 | -46.5 | 1.506 |
| 248034.4 | 842516.9 | 126.2 | 16.210 | 11.744 | 35.9 | 20.018 | 4.2 | 15.929 | 1.371 | 1.546 | 48.4 | 2.067 | 0.8 | -0.977 | 1.030 | -46.5 | 1.419 |
| 248033.7 | 842516.2 | 126.2 | 16.185 | 11.727 | 35.9 | 19.987 | 4.2 | 15.905 | 1.370 | 1.544 | 48.4 | 2.064 | 0.8 | -0.969 | 1.026 | -46.6 | 1.411 |
| 248033.0 | 842515.5 | 126.3 | 16.196 | 11.744 | 35.9 | 20.006 | 4.2 | 15.920 | 1.369 | 1.543 | 48.4 | 2.063 | 0.8 | -1.011 | 1.078 | -46.8 | 1.478 |
| 248032.3 | 842514.8 | 126.4 | 16.191 | 11.745 | 36.0 | 20.003 | 4.2 | 15.918 | 1.368 | 1.542 | 48.4 | 2.061 | 0.8 | -1.030 | 1.103 | -47.0 | 1.509 |
| 248031.6 | 842514.1 | 126.4 | 16.178 | 11.739 | 36.0 | 19.988 | 4.2 | 15.906 | 1.366 | 1.540 | 48.4 | 2.059 | 0.8 | -1.036 | 1.114 | -47.1 | 1.521 |
| 248030.9 | 842513.4 | 126.4 | 16.135 | 11.705 | 36.0 | 19.933 | 4.2 | 15.863 | 1.365 | 1.539 | 48.4 | 2.057 | 0.8 | -1.001 | 1.077 | -47.1 | 1.470 |
| 248030.2 | 842512.6 | 126.5 | 16.091 | 11.671 | 36.0 | 19.878 | 4.2 | 15.819 | 1.364 | 1.537 | 48.4 | 2.055 | 0.8 | -0.964 | 1.038 | -47.1 | 1.417 |
| 248029.5 | 842511.9 | 126.5 | 16.053 | 11.642 | 35.9 | 19.831 | 4.2 | 15.781 | 1.363 | 1.536 | 48.4 | 2.053 | 0.8 | -0.932 | 1.006 | -47.2 | 1.371 |
| 248028.8 | 842511.2 | 126.6 | 16.108 | 11.698 | 36.0 | 19.907 | 4.2 | 15.842 | 1.363 | 1.536 | 48.4 | 2.054 | 0.8 | -1.025 | 1.114 | -47.4 | 1.514 |
| 248028.1 | 842510.5 | 126.7 | 16.124 | 11.719 | 36.0 | 19.933 | 4.2 | 15.862 | 1.363 | 1.536 | 48.4 | 2.054 | 0.8 | -1.065 | 1.162 | -47.5 | 1.576 |
| 248027.4 | 842509.8 | 126.7 | 16.140 | 11.739 | 36.0 | 19.958 | 4.1 | 15.882 | 1.363 | 1.536 | 48.4 | 2.054 | 0.8 | -1.102 | 1.206 | -47.6 | 1.633 |
| 248026.7 | 842509.0 | 126.8 | 16.107 | 11.715 | 36.0 | 19.917 | 4.1 | 15.849 | 1.363 | 1.536 | 48.4 | 2.053 | 0.8 | -1.070 | 1.173 | -47.6 | 1.588 |
| 248026.0 | 842508.3 | 126.8 | 16.063 | 11.680 | 36.0 | 19.860 | 4.2 | 15.804 | 1.362 | 1.536 | 48.4 | 2.053 | 0.7 | -1.020 | 1.119 | -47.6 | 1.514 |
| 248025.3 | 842507.6 | 126.8 | 16.033 | 11.658 | 36.0 | 19.823 | 4.2 | 15.775 | 1.362 | 1.536 | 48.4 | 2.053 | 0.7 | -0.989 | 1.085 | -47.7 | 1.468 |
| 248024.6 | 842506.9 | 126.9 | 16.014 | 11.647 | 36.0 | 19.801 | 4.2 | 15.758 | 1.362 | 1.536 | 48.4 | 2.053 | 0.7 | -0.970 | 1.065 | -47.7 | 1.440 |
| 248023.9 | 842506.2 | 126.9 | 16.001 | 11.640 | 36.0 | 19.787 | 4.2 | 15.746 | 1.363 | 1.537 | 48.4 | 2.054 | 0.7 | -0.956 | 1.051 | -47.7 | 1.420 |
| 248023.2 | 842505.5 | 127.0 | 16.004 | 11.649 | 36.0 | 19.795 | 4.2 | 15.752 | 1.364 | 1.538 | 48.4 | 2.056 | 0.7 | -0.962 | 1.059 | -47.7 | 1.431 |
| 248022.5 | 842504.7 | 127.1 | 16.041 | 11.689 | 36.1 | 19.848 | 4.1 | 15.795 | 1.365 | 1.540 | 48.5 | 2.058 | 0.7 | -1.012 | 1.116 | -47.8 | 1.507 |
| 248021.8 | 842504.0 | 127.2 | 16.078 | 11.728 | 36.1 | 19.901 | 4.1 | 15.837 | 1.367 | 1.543 | 48.5 | 2.061 | 0.7 | -1.059 | 1.169 | -47.8 | 1.577 |
| 248021.1 | 842503.3 | 127.3 | 16.114 | 11.767 | 36.1 | 19.954 | 4.1 | 15.878 | 1.369 | 1.545 | 48.5 | 2.064 | 0.7 | -1.102 | 1.218 | -47.9 | 1.642 |
| 248020.4 | 842502.6 | 127.4 | 16.091 | 11.752 | 36.1 | 19.926 | 4.1 | 15.856 | 1.370 | 1.547 | 48.5 | 2.066 | 0.7 | -1.062 | 1.172 | -47.8 | 1.582 |
| 248019.8 | 842501.9 | 127.4 | 16.045 | 11.715 | 36.1 | 19.867 | 4.1 | 15.810 | 1.371 | 1.549 | 48.5 | 2.068 | 0.7 | -0.988 | 1.088 | -47.8 | 1.469 |
| 248019.1 | 842501.1 | 127.5 | 16.050 | 11.725 | 36.1 | 19.876 | 4.1 | 15.817 | 1.373 | 1.552 | 48.5 | 2.072 | 0.7 | -0.980 | 1.078 | -47.7 | 1.457 |
| 248018.4 | 842500.4 | 127.5 | 16.065 | 11.745 | 36.2 | 19.900 | 4.1 | 15.836 | 1.375 | 1.555 | 48.5 | 2.076 | 0.7 | -0.984 | 1.081 | -47.7 | 1.462 |

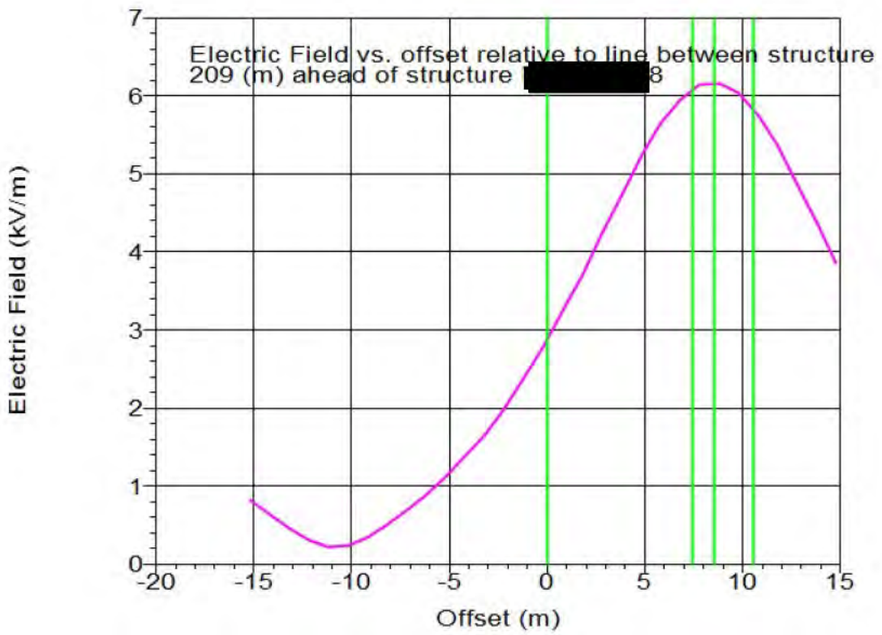
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248017.7 | 842499.7 | 127.6 | 16.054 | 11.740 | 36.2 | 19.889 | 4.2 | 15.827 | 1.368 | 1.555 | 48.6 | 2.071 | 0.7 | -1.089 | 1.141 | -46.3 | 1.577 |
| 248017.0 | 842499.0 | 127.8 | 16.108 | 11.795 | 36.2 | 19.965 | 4.1 | 15.887 | 1.371 | 1.559 | 48.7 | 2.076 | 0.7 | -1.139 | 1.197 | -46.4 | 1.652 |
| 248016.3 | 842498.3 | 127.9 | 16.176 | 11.864 | 36.3 | 20.061 | 4.1 | 15.964 | 1.375 | 1.563 | 48.7 | 2.082 | 0.7 | -1.207 | 1.272 | -46.5 | 1.753 |
| 248015.6 | 842497.6 | 128.1 | 16.247 | 11.935 | 36.3 | 20.159 | 4.1 | 16.042 | 1.378 | 1.568 | 48.7 | 2.088 | 0.7 | -1.274 | 1.345 | -46.6 | 1.853 |
| 248014.9 | 842496.8 | 128.2 | 16.329 | 12.017 | 36.4 | 20.275 | 4.0 | 16.134 | 1.382 | 1.573 | 48.7 | 2.094 | 0.7 | -1.354 | 1.434 | -46.6 | 1.972 |
| 248014.2 | 842496.1 | 128.4 | 16.449 | 12.134 | 36.4 | 20.440 | 4.0 | 16.266 | 1.386 | 1.579 | 48.7 | 2.102 | 0.7 | -1.480 | 1.575 | -46.8 | 2.161 |
| 248013.5 | 842495.4 | 128.5 | 16.511 | 12.197 | 36.5 | 20.527 | 4.0 | 16.335 | 1.390 | 1.585 | 48.7 | 2.108 | 0.7 | -1.525 | 1.624 | -46.8 | 2.228 |
| 248012.8 | 842494.7 | 128.6 | 16.537 | 12.227 | 36.5 | 20.567 | 3.9 | 16.366 | 1.394 | 1.590 | 48.8 | 2.114 | 0.7 | -1.522 | 1.617 | -46.7 | 2.221 |
| 248012.1 | 842494.0 | 128.8 | 16.575 | 12.268 | 36.5 | 20.622 | 3.9 | 16.410 | 1.397 | 1.595 | 48.8 | 2.120 | 0.7 | -1.531 | 1.624 | -46.7 | 2.232 |
| 248011.4 | 842493.2 | 128.9 | 16.617 | 12.313 | 36.5 | 20.682 | 3.9 | 16.458 | 1.401 | 1.600 | 48.8 | 2.127 | 0.7 | -1.541 | 1.634 | -46.7 | 2.246 |
| 248010.7 | 842492.5 | 129.0 | 16.622 | 12.323 | 36.6 | 20.692 | 3.9 | 16.466 | 1.405 | 1.605 | 48.8 | 2.133 | 0.7 | -1.501 | 1.585 | -46.6 | 2.183 |
| 248010.0 | 842491.8 | 129.1 | 16.661 | 12.365 | 36.6 | 20.748 | 3.9 | 16.511 | 1.409 | 1.611 | 48.8 | 2.140 | 0.7 | -1.502 | 1.583 | -46.5 | 2.182 |
| 248009.3 | 842491.1 | 129.2 | 16.708 | 12.414 | 36.6 | 20.815 | 3.8 | 16.564 | 1.413 | 1.618 | 48.9 | 2.148 | 0.7 | -1.510 | 1.590 | -46.5 | 2.193 |
| 248008.6 | 842490.4 | 129.4 | 16.824 | 12.529 | 36.7 | 20.977 | 3.8 | 16.693 | 1.419 | 1.625 | 48.9 | 2.157 | 0.7 | -1.605 | 1.696 | -46.6 | 2.335 |
| 248007.9 | 842489.7 | 129.5 | 16.904 | 12.608 | 36.7 | 21.088 | 3.7 | 16.781 | 1.424 | 1.632 | 48.9 | 2.166 | 0.6 | -1.649 | 1.744 | -46.6 | 2.400 |
| 248007.2 | 842488.9 | 129.7 | 16.964 | 12.670 | 36.8 | 21.173 | 3.7 | 16.849 | 1.429 | 1.639 | 48.9 | 2.175 | 0.6 | -1.664 | 1.760 | -46.6 | 2.422 |
| 248006.5 | 842488.2 | 129.8 | 17.022 | 12.730 | 36.8 | 21.255 | 3.7 | 16.914 | 1.434 | 1.646 | 48.9 | 2.183 | 0.6 | -1.674 | 1.770 | -46.6 | 2.436 |
| 248005.8 | 842487.5 | 129.9 | 17.074 | 12.784 | 36.8 | 21.330 | 3.7 | 16.974 | 1.439 | 1.654 | 49.0 | 2.192 | 0.6 | -1.674 | 1.768 | -46.6 | 2.435 |
| 248005.1 | 842486.8 | 130.1 | 17.147 | 12.859 | 36.9 | 21.433 | 3.6 | 17.056 | 1.444 | 1.661 | 49.0 | 2.201 | 0.5 | -1.697 | 1.794 | -46.6 | 2.470 |
| 248004.4 | 842486.1 | 130.2 | 17.220 | 12.933 | 36.9 | 21.536 | 3.6 | 17.138 | 1.450 | 1.669 | 49.0 | 2.211 | 0.5 | -1.718 | 1.818 | -46.6 | 2.501 |
| 248003.7 | 842485.3 | 130.4 | 17.273 | 12.988 | 36.9 | 21.611 | 3.6 | 17.197 | 1.455 | 1.676 | 49.0 | 2.220 | 0.5 | -1.708 | 1.808 | -46.6 | 2.487 |
| 248003.0 | 842484.6 | 130.5 | 17.296 | 13.016 | 37.0 | 21.646 | 3.6 | 17.226 | 1.461 | 1.683 | 49.0 | 2.228 | 0.4 | -1.660 | 1.754 | -46.6 | 2.415 |
| 248002.4 | 842483.9 | 130.6 | 17.309 | 13.034 | 37.0 | 21.668 | 3.5 | 17.243 | 1.466 | 1.690 | 49.1 | 2.237 | 0.4 | -1.596 | 1.682 | -46.5 | 2.319 |
| 248001.7 | 842483.2 | 130.7 | 17.343 | 13.071 | 37.0 | 21.717 | 3.5 | 17.282 | 1.471 | 1.697 | 49.1 | 2.246 | 0.3 | -1.555 | 1.638 | -46.5 | 2.259 |
| 248001.0 | 842482.5 | 130.9 | 17.467 | 13.194 | 37.1 | 21.890 | 3.5 | 17.420 | 1.478 | 1.705 | 49.1 | 2.257 | 0.3 | -1.626 | 1.723 | -46.7 | 2.369 |
| 248000.3 | 842481.8 | 131.1 | 17.635 | 13.358 | 37.1 | 22.123 | 3.4 | 17.605 | 1.485 | 1.715 | 49.1 | 2.269 | 0.3 | -1.746 | 1.867 | -46.9 | 2.556 |
| 247999.6 | 842481.0 | 131.4 | 17.807 | 13.526 | 37.2 | 22.362 | 3.3 | 17.795 | 1.493 | 1.724 | 49.1 | 2.281 | 0.3 | -1.866 | 2.011 | -47.1 | 2.744 |
| 247998.9 | 842480.3 | 131.6 | 17.981 | 13.696 | 37.3 | 22.603 | 3.2 | 17.987 | 1.501 | 1.734 | 49.1 | 2.294 | 0.2 | -1.984 | 2.154 | -47.3 | 2.928 |
| 247998.2 | 842479.6 | 131.8 | 18.064 | 13.780 | 37.3 | 22.720 | 3.2 | 18.080 | 1.508 | 1.743 | 49.1 | 2.305 | 0.2 | -1.988 | 2.165 | -47.4 | 2.940 |
| 247997.5 | 842478.9 | 131.9 | 18.119 | 13.838 | 37.4 | 22.799 | 3.2 | 18.143 | 1.515 | 1.751 | 49.1 | 2.315 | 0.1 | -1.955 | 2.134 | -47.5 | 2.894 |
| 247996.8 | 842478.2 | 132.0 | 18.174 | 13.896 | 37.4 | 22.877 | 3.1 | 18.205 | 1.522 | 1.759 | 49.1 | 2.326 | 0.1 | -1.918 | 2.099 | -47.6 | 2.843 |
| 247996.1 | 842477.5 | 132.2 | 18.228 | 13.953 | 37.4 | 22.955 | 3.1 | 18.267 | 1.529 | 1.768 | 49.1 | 2.337 | 0.1 | -1.876 | 2.060 | -47.7 | 2.787 |
| 247995.4 | 842476.7 | 132.3 | 18.300 | 14.027 | 37.5 | 23.057 | 3.1 | 18.348 | 1.537 | 1.777 | 49.1 | 2.349 | 0.1 | -1.853 | 2.042 | -47.8 | 2.758 |
| 247994.7 | 842476.0 | 132.4 | 18.289 | 14.022 | 37.5 | 23.045 | 3.1 | 18.339 | 1.543 | 1.785 | 49.2 | 2.360 | 0.1 | -1.727 | 1.905 | -47.8 | 2.571 |
| 247994.0 | 842475.3 | 132.5 | 18.430 | 14.115 | 37.4 | 23.214 | 3.1 | 18.473 | 1.562 | 1.804 | 49.1 | 2.386 | 0.1 | -1.645 | 1.832 | -48.1 | 2.462 |
| 247993.3 | 842474.6 | 132.7 | 18.520 | 14.207 | 37.5 | 23.342 | 3.0 | 18.575 | 1.571 | 1.815 | 49.1 | 2.400 | 0.1 | -1.636 | 1.829 | -48.2 | 2.454 |
| 247992.6 | 842473.9 | 132.9 | 18.600 | 14.287 | 37.5 | 23.454 | 3.0 | 18.664 | 1.581 | 1.826 | 49.1 | 2.415 | 0.1 | -1.610 | 1.807 | -48.3 | 2.420 |
| 247991.9 | 842473.1 | 133.1 | 18.727 | 14.413 | 37.6 | 23.631 | 2.9 | 18.805 | 1.591 | 1.838 | 49.1 | 2.430 | 0.1 | -1.640 | 1.848 | -48.4 | 2.471 |
| 247991.2 | 842472.4 | 133.3 | 18.958 | 14.639 | 37.7 | 23.952 | 2.8 | 19.060 | 1.602 | 1.851 | 49.1 | 2.448 | 0.0 | -1.793 | 2.031 | -48.6 | 2.710 |
| 247990.5 | 842471.7 | 133.5 | 19.055 | 14.737 | 37.7 | 24.089 | 2.8 | 19.170 | 1.612 | 1.863 | 49.1 | 2.464 | 0.0 | -1.784 | 2.027 | -48.6 | 2.700 |
| 247989.8 | 842471.0 | 133.7 | 19.218 | 14.898 | 37.8 | 24.316 | 2.7 | 19.350 | 1.622 | 1.876 | 49.1 | 2.480 | 0.0 | -1.852 | 2.111 | -48.7 | 2.808 |
| 247989.1 | 842470.3 | 134.4 | 19.964 | 15.621 | 38.0 | 25.349 | 2.4 | 20.172 | 1.641 | 1.898 | 49.2 | 2.509 | 0.2 | -2.597 | 2.972 | -48.9 | 3.947 |
| 247988.4 | 842469.6 | 134.5 | 20.045 | 15.704 | 38.1 | 25.464 | 2.3 | 20.264 | 1.650 | 1.909 | 49.2 | 2.523 | 0.2 | -2.569 | 2.946 | -48.9 | 3.909 |
| 247987.7 | 842468.8 | 134.4 | 19.687 | 15.364 | 38.0 | 24.973 | 2.5 | 19.873 | 1.653 | 1.913 | 49.2 | 2.528 | 0.1 | -2.038 | 2.338 | -48.9 | 3.101 |
| 247987.0 | 842468.1 | 134.2 | 19.344 | 15.038 | 37.9 | 24.501 | 2.7 | 19.497 | 1.658 | 1.918 | 49.2 | 2.535 | 0.1 | -1.509 | 1.734 | -49.0 | 2.298 |
| 247986.3 | 842467.4 | 134.3 | 19.364 | 15.061 | 37.9 | 24.531 | 2.6 | 19.521 | 1.666 | 1.928 | 49.2 | 2.548 | 0.1 | -1.415 | 1.630 | -49.0 | 2.158 |
| 247985.6 | 842466.7 | 134.8 | 19.865 | 15.549 | 38.1 | 25.226 | 2.4 | 20.075 | 1.678 | 1.941 | 49.2 | 2.566 | 0.1 | -1.903 | 2.196 | -49.1 | 2.906 |
| 247985.0 | 842466.0 | 135.1 | 20.182 | 15.859 | 38.2 | 25.667 | 2.3 | 20.425 | 1.687 | 1.952 | 49.2 | 2.581 | 0.1 | -2.167 | 2.506 | -49.1 | 3.313 |
| 247984.3 | 842465.2 | 135.2 | 20.184 | 15.866 | 38.2 | 25.674 | 2.3 | 20.431 | 1.693 | 1.959 | 49.2 | 2.589 | 0.1 | -2.072 | 2.402 | -49.2 | 3.172 |
| 247983.6 | 842464.5 | 135.3 | 20.171 | 15.858 | 38.2 | 25.658 | 2.3 | 20.418 | 1.699 | 1.965 | 49.2 | 2.597 | 0.1 | -1.964 | 2.282 | -49.3 | 3.011 |
| 247982.9 | 842463.8 | 135.4 | 20.180 | 15.871 | 38.2 | 25.674 | 2.3 | 20.431 | 1.704 | 1.970 | 49.1 | 2.605 | 0.1 | -1.890 | 2.202 | -49.4 | 2.902 |
| 247982.2 | 842463.1 | 135.6 | 20.300 | 15.992 | 38.2 | 25.842 | 2.2 | 20.565 | 1.709 | 1.976 | 49.1 | 2.612 | 0.1 | -1.952 | 2.280 | -49.4 | 3.002 |
| 247981.5 | 842462.4 | 135.8 | 20.441 | 16.133 | 38.3 | 26.040 | 2.2 | 20.722 | 1.714 | 1.980 | 49.1 | 2.619 | 0.1 | -2.048 | 2.397 | -49.5 | 3.152 |
| 247980.8 | 842461.7 | 136.0 | 20.534 | 16.227 | 38.3 | 26.172 | 2.1 | 20.827 | 1.718 | 1.984 | 49.1 | 2.624 | 0.1 | -2.096 | 2.459 | -49.6 | 3.231 |
| 247980.1 | 842460.9 | 136.1 | 20.512 | 16.210 | 38.3 | 26.144 | 2.1 | 20.805 | 1.720 | 1.985 | 49.1 | 2.627 | 0.1 | -2.019 | 2.378 | -49.7 | 3.120 |
| 247979.4 | 842460.2 | 136.1 | 20.471 | 16.175 | 38.3 | 26.090 | 2.1 | 20.762 | 1.721 | 1.986 | 49.1 | 2.628 | 0.1 | -1.931 | 2.283 | -49.8 | 2.990 |
| 247978.7 | 842459.5 | 136.2 | 20.411 | 16.121 | 38.3 | 26.010 | 2.2 | 20.698 | 1.722 | 1.986 | 49.1 | 2.628 | 0.1 | -1.830 | 2.174 | -49.9 | 2.841 |
| 247978.0 | 842458.8 | 136.2 | 20.314 | 16.031 | 38.3 | 25.878 | 2.2 | 20.593 | 1.722 | 1.984 | 49.0 | 2.627 | 0.1 | -1.694 | 2.025 | -50.1 | 2.640 |
| 247977.3 | 842458.1 | 136.4 | 20.441 | 16.158 | 38.3 | 26.056 | 2.2 | 20.735 | 1.722 | 1.983 | 49.0 | 2.627 | 0.1 | -1.835 | 2.196 | -50.1 | 2.862 |
| 247976.6 | 842457.3 | 136.6 | 20.585 | 16.302 | 38.4 | 26.259 | 2.1 | 20.896 | 1.722 | 1.982 | 49.0 | 2.625 | 0.1 | -2.008 | 2.402 | -50.1 | 3.131 |
| 247975.9 | 842456.6 | 136.7 | 20.516 | 16.240 | 38.4 | 26.166 | 2.1 | 20.822 | 1.719 | 1.978 | 49.0 | 2.620 | 0.1 | -1.941 | 2.333 | -50.2 | 3.035 |
| 247975.2 | 842455.9 | 136.7 | 20.378 | 16.110 | 38.3 | 25.977 | 2.2 | 20.672 | 1.716 | 1.972 | 49.0 | 2.614 | 0.1 | -1.803 | 2.184 | -50.4 | 2.832 |
| 247974.5 | 842455.2 | 136.8 | 20.358 | 16.095 | 38.3 | 25.951 | 2.2 | 20.651 | 1.712 | 1.967 | 49.0 | 2.607 | 0.1 | -1.818 | 2.209 | -50.5 | 2.861 |
| 247973.8 | 842454.5 | 136.9 | 20.368 | 16.109 | 38.3 | 25.969 | 2.2 | 20.665 | 1.707 | 1.960 | 48.9 | 2.599 | 0.1 | -1.881 | 2.290 | -50.6 | 2.964 |
| 247973.1 | 842453.8 | 137.0 | 20.351 | 16.096 | 38.3 | 25.947 | 2.2 | 20.648 | 1.702 | 1.952 | 48.9 | 2.590 | 0.1 | -1.924 | 2.348 | -50.7 | 3.035 |
| 247972.4 | 842453.0 | 137.1 | 20.333 | 16.083 | 38.3 | 25.925 | 2.2 | 20.630 | 1.695 | 1.944 | 48.9 | 2.579 | 0.1 | -1.977 | 2.419 | -50.7 | 3.124 |
| 247971.7 | 842452.3 | 137.2 | 20.228 | 15.985 | 38.3 | 25.782 | 2.2 | 20.517 | 1.688 | 1.934 | 48.9 | 2.567 | 0.1 | -1.940 | 2.386 | -50.9 | 3.075 |
| 247971.0 | 842451.6 | 137.2 | 20.117 | 15.882 | 38.3 | 25.630 | 2.3 | 20.396 | 1.679 | 1.922 | 48.9 | 2.553 | 0.0 | -1.906 | 2.357 | -51.0 | 3.031 |
| 247970.3 | 842450.9 | 137.2 | 19.932 | 15.707 | 38.2 | 25.377 | 2.4 | 20.194 | 1.670 | 1.910 | 48.8 | 2.537 | 0.0 | -1.794 | 2.239 | -51.3 | 2.869 |
| 247969.6 | 842450.2 | 137.2 | 19.786 | 15.570 | 38.2 | 25.178 | 2.4 | 20.036 | 1.660 | 1.897 | 48.8 | 2.521 | 0.0 | -1.740 | 2.187 | -51.5 | 2.795 |
| 247968.9 | 842449.4 | 137.2 | 19.684 | 15.476 | 38.2 | 25.039 | 2.5 | 19.925 | 1.650 | 1.883 | 48.8 | 2.504 | 0.0 | -1.751 | 2.209 | -51.6 | 2.818 |
| 247968.2 | 842448.7 | 137.3 | 19.617 | 15.415 | 38.2 | 24.949 | 2.5 | 19.854 | 1.639 | 1.869 | 48.8 | 2.486 | 0.0 | -1.815 | 2.292 | -51.6 | 2.924 |
| 247967.6 | 842448.0 | 137.3 | 19.515 | 15.321 | 38.1 | 24.810 | 2.6 | 19.743 | 1.627 | 1.854 | 48.7 | 2.467 | 0.1 | -1.845 | 2.337 | -51.7 | 2.978 |
| 247966.9 | 842447.3 | 137.4 | 19.408 | 15.222 | 38.1 | 24.665 | 2.6 | 19.628 | 1.615 | 1.839 | 48.7 | 2.447 | 0.1 | -1.880 | 2.387 | -51.8 | 3.038 |
| 247966.2 | 842446.6 | 137.3 | 19.198 | 15.024 | 38.0 | 24.378 | 2.7 | 19.399 | 1.602 | 1.822 | 48.7 | 2.426 | 0.1 | -1.796 | 2.301 | -52.0 | 2.919 |
| 247965.5 | 842445.9 | 137.3 | 19.011 | 14.848 | 38.0 | 24.122 | 2.8 | 19.196 | 1.588 | 1.804 | 48.6 | 2.404 | 0.1 | -1.749 | 2.256 | -52.2 | 2.854 |
| 247964.8 | 842445.1 | 137.3 | 18.815 | 14.663 | 37.9 | 23.854 | 2.9 | 18.982 | 1.574 | 1.787 | 48.6 | 2.381 | 0.1 | -1.696 | 2.205 | -52.4 | 2.782 |
| 247964.1 | 842444.4 | 137.3 | 18.654 | 14.513 | 37.9 | 23.635 | 2.9 | 18.808 | 1.560 | 1.768 | 48.6 | 2.358 | 0.2 | -1.695 | 2.214 | -52.6 | 2.788 |
| 247963.4 | 842443.7 | 137.2 | 18.464 | 14.335 | 37.8 | 23.375 | 3.0 | 18.601 | 1.545 | 1.750 | 48.6 | 2.334 | 0.2 | -1.662 | 2.186 | -52.7 | 2.746 |
| 247962.7 | 842443.0 | 137.2 | 18.245 | 14.129 | 37.8 | 23.076 | 3.1 | 18.363 | 1.530 | 1.730 | 48.5 | 2.310 | 0.2 | -1.598 | 2.121 | -53.0 | 2.656 |
| 247962.0 | 842442.3 | 137.1 | 17.996 | 13.895 | 37.7 | 22.736 | 3.2 | 18.093 | 1.514 | 1.711 | 48.5 | 2.285 | 0.2 | -1.499 | 2.018 | -53.4 | 2.514 |
| 247961.3 | 842441.5 | 137.0 | 17.751 | 13.666 | 37.6 | 22.402 | 3.3 | 17.827 | 1.498 | 1.690 | 48.4 | 2.259 | 0.3 | -1.409 | 1.924 | -53.8 | 2.384 |
| 247960.6 | 842440.8 | 136.9 | 17.510 | 13.440 | 37.5 | 22.074 | 3.4 | 17.566 | 1.482 | 1.670 | 48.4 | 2.233 | 0.3 | -1.325 | 1.837 | -54.2 | 2.265 |
| 247959.9 | 842440.1 | 136.8 | 17.220 | 13.169 | 37.4 | 21.678 | 3.5 | 17.251 | 1.466 | 1.649 | 48.4 | 2.207 | 0.3 | -1.177 | 1.677 | -54.9 | 2.049 |
| 247959.2 | 842439.4 | 136.6 | 16.931 | 12.900 | 37.3 | 21.285 | 3.6 | 16.938 | 1.449 | 1.628 | 48.3 | 2.180 | 0.3 | -1.031 | 1.519 | -55.8 | 1.836 |
| 247958.5 | 842438.7 | 136.6 | 16.765 | 12.747 | 37.2 | 21.061 | 3.7 | 16.760 | 1.433 | 1.608 | 48.3 | 2.154 | 0.4 | -1.052 | 1.550 | -55.8 | 1.873 |
| 247957.8 | 842438.0 | 136.6 | 16.567 | 12.563 | 37.2 | 20.791 | 3.8 | 16.545 | 1.417 | 1.588 | 48.3 | 2.129 | 0.4 | -1.029 | 1.529 | -56.1 | 1.843 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247957.1 | 842437.2 | 136.5 | 16.371 | 12.382 | 37.1 | 20.526 | 3.9 | 16.334 | 1.401 | 1.568 | 48.2 | 2.103 | 0.4 | -1.009 | 1.513 | -56.3 | 1.819 |
| 247956.4 | 842436.5 | 136.4 | 16.178 | 12.204 | 37.0 | 20.265 | 4.0 | 16.126 | 1.385 | 1.548 | 48.2 | 2.078 | 0.5 | -0.993 | 1.499 | -56.5 | 1.798 |
| 247955.7 | 842435.8 | 136.3 | 15.939 | 11.984 | 36.9 | 19.941 | 4.1 | 15.869 | 1.369 | 1.529 | 48.1 | 2.052 | 0.5 | -0.910 | 1.410 | -57.2 | 1.679 |
| 247955.0 | 842435.1 | 136.2 | 15.696 | 11.760 | 36.8 | 19.613 | 4.2 | 15.608 | 1.353 | 1.509 | 48.1 | 2.027 | 0.5 | -0.820 | 1.311 | -58.0 | 1.546 |
| 247954.3 | 842434.4 | 136.1 | 15.460 | 11.543 | 36.7 | 19.293 | 4.2 | 15.353 | 1.338 | 1.490 | 48.1 | 2.002 | 0.6 | -0.734 | 1.217 | -58.9 | 1.421 |
| 247953.6 | 842433.7 | 136.1 | 15.336 | 11.430 | 36.7 | 19.127 | 4.3 | 15.221 | 1.323 | 1.472 | 48.1 | 1.979 | 0.6 | -0.807 | 1.300 | -58.2 | 1.531 |
| 247952.9 | 842432.9 | 136.1 | 15.238 | 11.343 | 36.7 | 18.996 | 4.3 | 15.117 | 1.308 | 1.455 | 48.0 | 1.957 | 0.7 | -0.916 | 1.423 | -57.2 | 1.692 |
| 247952.2 | 842432.2 | 136.1 | 15.104 | 11.221 | 36.6 | 18.815 | 4.4 | 14.973 | 1.294 | 1.438 | 48.0 | 1.935 | 0.7 | -0.969 | 1.481 | -56.8 | 1.770 |
| 247951.5 | 842431.5 | 136.0 | 14.911 | 11.045 | 36.5 | 18.556 | 4.5 | 14.766 | 1.280 | 1.421 | 48.0 | 1.912 | 0.7 | -0.934 | 1.440 | -57.0 | 1.716 |
| 247950.8 | 842430.8 | 135.9 | 14.721 | 10.872 | 36.4 | 18.301 | 4.5 | 14.563 | 1.266 | 1.404 | 48.0 | 1.890 | 0.7 | -0.899 | 1.398 | -57.3 | 1.662 |
| 247950.2 | 842430.1 | 135.8 | 14.485 | 10.657 | 36.3 | 17.983 | 4.6 | 14.310 | 1.252 | 1.387 | 47.9 | 1.868 | 0.8 | -0.789 | 1.272 | -58.2 | 1.497 |
| 247949.5 | 842429.3 | 135.6 | 14.233 | 10.427 | 36.2 | 17.644 | 4.7 | 14.040 | 1.238 | 1.370 | 47.9 | 1.846 | 0.8 | -0.649 | 1.113 | -59.7 | 1.288 |
| 247948.8 | 842428.6 | 135.6 | 14.048 | 10.260 | 36.1 | 17.396 | 4.8 | 13.843 | 1.225 | 1.354 | 47.9 | 1.826 | 0.8 | -0.604 | 1.058 | -60.3 | 1.218 |
| 247948.1 | 842427.9 | 135.5 | 13.935 | 10.160 | 36.1 | 17.246 | 4.8 | 13.724 | 1.212 | 1.340 | 47.9 | 1.807 | 0.8 | -0.665 | 1.120 | -59.3 | 1.302 |
| 247947.4 | 842427.2 | 135.5 | 13.824 | 10.060 | 36.0 | 17.097 | 4.9 | 13.605 | 1.200 | 1.326 | 47.8 | 1.789 | 0.8 | -0.721 | 1.178 | -58.5 | 1.381 |
| 247946.7 | 842426.5 | 135.5 | 13.672 | 9.924 | 36.0 | 16.894 | 4.9 | 13.444 | 1.188 | 1.312 | 47.8 | 1.770 | 0.8 | -0.712 | 1.161 | -58.5 | 1.362 |
| 247946.0 | 842425.8 | 135.4 | 13.522 | 9.790 | 35.9 | 16.694 | 5.0 | 13.285 | 1.177 | 1.298 | 47.8 | 1.752 | 0.8 | -0.701 | 1.142 | -58.5 | 1.340 |
| 247945.3 | 842425.0 | 135.4 | 13.361 | 9.645 | 35.8 | 16.478 | 5.1 | 13.113 | 1.165 | 1.285 | 47.8 | 1.734 | 0.8 | -0.666 | 1.096 | -58.7 | 1.283 |
| 247944.6 | 842424.3 | 135.2 | 13.167 | 9.471 | 35.7 | 16.219 | 5.1 | 12.907 | 1.154 | 1.271 | 47.8 | 1.717 | 0.8 | -0.573 | 0.987 | -59.8 | 1.141 |
| 247943.9 | 842423.6 | 135.2 | 13.051 | 9.368 | 35.7 | 16.065 | 5.2 | 12.784 | 1.143 | 1.259 | 47.7 | 1.701 | 0.8 | -0.599 | 1.007 | -59.3 | 1.172 |
| 247943.2 | 842422.9 | 135.2 | 12.957 | 9.285 | 35.6 | 15.940 | 5.2 | 12.685 | 1.133 | 1.247 | 47.7 | 1.685 | 0.8 | -0.653 | 1.060 | -58.4 | 1.245 |
| 247942.5 | 842422.2 | 135.1 | 12.762 | 9.111 | 35.5 | 15.681 | 5.3 | 12.478 | 1.123 | 1.234 | 47.7 | 1.669 | 0.8 | -0.541 | 0.928 | -59.8 | 1.074 |
| 247941.8 | 842421.4 | 135.1 | 12.669 | 9.029 | 35.5 | 15.557 | 5.3 | 12.380 | 1.113 | 1.223 | 47.7 | 1.654 | 0.8 | -0.586 | 0.970 | -58.9 | 1.134 |
| 247941.1 | 842420.7 | 135.0 | 12.524 | 8.900 | 35.4 | 15.364 | 5.4 | 12.226 | 1.104 | 1.212 | 47.7 | 1.639 | 0.8 | -0.543 | 0.914 | -59.3 | 1.063 |
| 247940.4 | 842420.0 | 134.9 | 12.376 | 8.769 | 35.3 | 15.167 | 5.4 | 12.070 | 1.094 | 1.201 | 47.7 | 1.624 | 0.8 | -0.488 | 0.846 | -60.0 | 0.977 |
| 247939.7 | 842419.3 | 134.9 | 12.246 | 8.654 | 35.2 | 14.995 | 5.5 | 11.933 | 1.085 | 1.190 | 47.6 | 1.611 | 0.8 | -0.458 | 0.804 | -60.3 | 0.925 |
| 247939.0 | 842418.6 | 134.9 | 12.154 | 8.574 | 35.2 | 14.874 | 5.5 | 11.836 | 1.077 | 1.180 | 47.6 | 1.598 | 0.8 | -0.486 | 0.826 | -59.5 | 0.958 |
| 247938.3 | 842417.9 | 135.0 | 12.155 | 8.576 | 35.2 | 14.876 | 5.5 | 11.838 | 1.069 | 1.172 | 47.6 | 1.586 | 0.8 | -0.664 | 1.013 | -56.8 | 1.211 |
| 247937.6 | 842417.1 | 135.0 | 12.066 | 8.498 | 35.2 | 14.758 | 5.5 | 11.744 | 1.062 | 1.162 | 47.6 | 1.574 | 0.8 | -0.686 | 1.029 | -56.3 | 1.237 |
| 247936.9 | 842416.4 | 135.0 | 11.972 | 8.415 | 35.1 | 14.633 | 5.6 | 11.645 | 1.054 | 1.153 | 47.6 | 1.562 | 0.8 | -0.695 | 1.030 | -56.0 | 1.242 |
| 247936.2 | 842415.7 | 135.0 | 11.861 | 8.317 | 35.0 | 14.487 | 5.6 | 11.528 | 1.046 | 1.144 | 47.6 | 1.550 | 0.8 | -0.672 | 0.996 | -56.0 | 1.202 |
| 247935.5 | 842415.0 | 134.9 | 11.753 | 8.222 | 35.0 | 14.343 | 5.7 | 11.414 | 1.039 | 1.136 | 47.6 | 1.539 | 0.8 | -0.648 | 0.960 | -56.0 | 1.158 |
| 247934.8 | 842414.3 | 135.0 | 11.675 | 8.154 | 34.9 | 14.241 | 5.7 | 11.333 | 1.032 | 1.127 | 47.5 | 1.528 | 0.7 | -0.672 | 0.977 | -55.5 | 1.186 |
| 247934.1 | 842413.5 | 135.0 | 11.616 | 8.102 | 34.9 | 14.163 | 5.7 | 11.270 | 1.025 | 1.120 | 47.5 | 1.518 | 0.7 | -0.722 | 1.023 | -54.8 | 1.253 |
| 247933.4 | 842412.8 | 135.0 | 11.560 | 8.053 | 34.9 | 14.088 | 5.8 | 11.211 | 1.018 | 1.112 | 47.5 | 1.508 | 0.7 | -0.773 | 1.070 | -54.1 | 1.320 |
| 247932.8 | 842412.1 | 135.1 | 11.504 | 8.004 | 34.8 | 14.014 | 5.8 | 11.152 | 1.012 | 1.104 | 47.5 | 1.498 | 0.7 | -0.821 | 1.114 | -53.6 | 1.384 |
| 247932.1 | 842411.4 | 135.0 | 11.391 | 7.904 | 34.8 | 13.865 | 5.8 | 11.033 | 1.005 | 1.096 | 47.5 | 1.487 | 0.7 | -0.767 | 1.045 | -53.7 | 1.296 |
| 247931.4 | 842410.7 | 134.8 | 11.204 | 7.740 | 34.6 | 13.617 | 5.9 | 10.836 | 0.998 | 1.088 | 47.5 | 1.476 | 0.6 | -0.578 | 0.830 | -55.1 | 1.012 |
| 247930.7 | 842410.0 | 134.7 | 11.071 | 7.623 | 34.6 | 13.441 | 6.0 | 10.696 | 0.991 | 1.080 | 47.5 | 1.466 | 0.6 | -0.477 | 0.711 | -56.2 | 0.856 |
| 247930.0 | 842409.2 | 134.5 | 10.892 | 7.467 | 34.4 | 13.206 | 6.0 | 10.509 | 0.984 | 1.072 | 47.4 | 1.455 | 0.6 | -0.287 | 0.496 | -59.9 | 0.573 |
| 247929.3 | 842408.5 | 134.5 | 10.812 | 7.397 | 34.4 | 13.100 | 6.1 | 10.425 | 0.978 | 1.065 | 47.4 | 1.446 | 0.6 | -0.270 | 0.470 | -60.1 | 0.542 |
| 247928.6 | 842407.8 | 134.5 | 10.734 | 7.329 | 34.3 | 12.997 | 6.1 | 10.343 | 0.972 | 1.057 | 47.4 | 1.437 | 0.5 | -0.252 | 0.443 | -60.4 | 0.510 |
| 247927.9 | 842407.1 | 134.6 | 10.733 | 7.327 | 34.3 | 12.995 | 6.1 | 10.341 | 0.967 | 1.051 | 47.4 | 1.428 | 0.5 | -0.371 | 0.566 | -56.8 | 0.677 |
| 247927.2 | 842406.4 | 134.8 | 10.751 | 7.342 | 34.3 | 13.019 | 6.2 | 10.360 | 0.961 | 1.044 | 47.4 | 1.419 | 0.5 | -0.521 | 0.723 | -54.2 | 0.891 |
| 247926.5 | 842405.6 | 134.8 | 10.718 | 7.313 | 34.3 | 12.975 | 6.2 | 10.325 | 0.956 | 1.038 | 47.3 | 1.411 | 0.5 | -0.574 | 0.775 | -53.5 | 0.964 |
| 247925.8 | 842404.9 | 134.9 | 10.687 | 7.285 | 34.3 | 12.934 | 6.2 | 10.292 | 0.951 | 1.031 | 47.3 | 1.402 | 0.4 | -0.625 | 0.825 | -52.8 | 1.035 |
| 247925.1 | 842404.2 | 134.9 | 10.648 | 7.251 | 34.3 | 12.883 | 6.3 | 10.252 | 0.945 | 1.025 | 47.3 | 1.394 | 0.4 | -0.660 | 0.857 | -52.4 | 1.082 |
| 247924.4 | 842403.5 | 135.0 | 10.625 | 7.230 | 34.2 | 12.852 | 6.3 | 10.227 | 0.940 | 1.018 | 47.3 | 1.386 | 0.4 | -0.717 | 0.915 | -51.9 | 1.163 |
| 247923.7 | 842402.8 | 135.1 | 10.610 | 7.216 | 34.2 | 12.831 | 6.3 | 10.210 | 0.936 | 1.012 | 47.3 | 1.379 | 0.4 | -0.784 | 0.982 | -51.4 | 1.256 |
| 247923.0 | 842402.1 | 135.1 | 10.561 | 7.173 | 34.2 | 12.767 | 6.4 | 10.160 | 0.931 | 1.006 | 47.2 | 1.371 | 0.4 | -0.786 | 0.981 | -51.3 | 1.257 |
| 247922.3 | 842401.3 | 135.1 | 10.508 | 7.125 | 34.1 | 12.696 | 6.4 | 10.103 | 0.926 | 1.001 | 47.2 | 1.364 | 0.4 | -0.774 | 0.963 | -51.2 | 1.235 |
| 247921.6 | 842400.6 | 135.1 | 10.457 | 7.080 | 34.1 | 12.628 | 6.4 | 10.049 | 0.922 | 0.995 | 47.2 | 1.357 | 0.3 | -0.761 | 0.945 | -51.2 | 1.213 |
| 247920.9 | 842399.9 | 135.1 | 10.421 | 7.048 | 34.1 | 12.581 | 6.5 | 10.012 | 0.918 | 0.990 | 47.2 | 1.351 | 0.3 | -0.771 | 0.953 | -51.0 | 1.226 |
| 247920.2 | 842399.2 | 135.1 | 10.401 | 7.030 | 34.1 | 12.554 | 6.5 | 9.990 | 0.915 | 0.986 | 47.1 | 1.345 | 0.3 | -0.803 | 0.984 | -50.8 | 1.270 |
| 247919.5 | 842398.5 | 135.1 | 10.339 | 6.975 | 34.0 | 12.471 | 6.5 | 9.925 | 0.912 | 0.982 | 47.1 | 1.340 | 0.3 | -0.752 | 0.926 | -50.9 | 1.193 |
| 247918.8 | 842397.7 | 135.1 | 10.298 | 6.939 | 34.0 | 12.418 | 6.6 | 9.882 | 0.909 | 0.978 | 47.1 | 1.335 | 0.3 | -0.735 | 0.904 | -50.9 | 1.165 |
| 247918.1 | 842397.0 | 135.1 | 10.261 | 6.906 | 33.9 | 12.369 | 6.6 | 9.843 | 0.906 | 0.975 | 47.1 | 1.331 | 0.3 | -0.717 | 0.883 | -50.9 | 1.138 |
| 247917.4 | 842396.3 | 135.2 | 10.271 | 6.914 | 33.9 | 12.381 | 6.6 | 9.853 | 0.905 | 0.973 | 47.1 | 1.328 | 0.3 | -0.781 | 0.949 | -50.6 | 1.229 |
| 247916.7 | 842395.6 | 135.2 | 10.248 | 6.894 | 33.9 | 12.351 | 6.6 | 9.829 | 0.903 | 0.971 | 47.1 | 1.326 | 0.3 | -0.777 | 0.943 | -50.5 | 1.222 |
| 247916.0 | 842394.9 | 135.2 | 10.229 | 6.877 | 33.9 | 12.326 | 6.7 | 9.809 | 0.902 | 0.969 | 47.1 | 1.324 | 0.3 | -0.773 | 0.936 | -50.4 | 1.214 |
| 247915.4 | 842394.2 | 135.2 | 10.214 | 6.863 | 33.9 | 12.305 | 6.7 | 9.792 | 0.901 | 0.969 | 47.1 | 1.323 | 0.3 | -0.769 | 0.929 | -50.4 | 1.207 |
| 247914.7 | 842393.4 | 135.2 | 10.203 | 6.853 | 33.9 | 12.291 | 6.7 | 9.781 | 0.901 | 0.969 | 47.1 | 1.323 | 0.2 | -0.767 | 0.924 | -50.3 | 1.201 |

Max EF along centerline is 2.872 (kV/m) at 209.000 (m) from structure [redacted]-8

Cross section results at max EF along centerline between structures [redacted]-8 and [redacted]-9




3D EMF Point Results Span from [redacted]-8 to [redacted]-9:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248155.9 | 842620.5 | 133.3 | 26.537 | 13.832 | 27.5 | 29.925 | 6.8 | 23.814 | 0.788 | 0.250 | 17.6 | 0.826 | 1.5 | 1.002 | -0.271 | -15.1 | 1.038 |
| 248155.2 | 842621.2 | 133.4 | 25.880 | 13.904 | 28.2 | 29.379 | 6.7 | 23.379 | 0.609 | 0.176 | 16.1 | 0.634 | 4.2 | 0.838 | -0.202 | -13.6 | 0.863 |
| 248154.5 | 842621.9 | 133.4 | 25.352 | 14.018 | 28.9 | 28.969 | 6.5 | 23.053 | 0.450 | 0.110 | 13.7 | 0.463 | 9.7 | 0.688 | -0.129 | -10.6 | 0.700 |
| 248153.8 | 842622.6 | 133.5 | 24.952 | 14.181 | 29.6 | 28.700 | 6.3 | 22.839 | 0.308 | 0.081 | 14.7 | 0.318 | 23.9 | 0.549 | -0.050 | -5.2 | 0.551 |
| 248153.1 | 842623.3 | 133.5 | 24.678 | 14.399 | 30.3 | 28.572 | 6.0 | 22.737 | 0.188 | 0.127 | 34.0 | 0.226 | 67.1 | 0.417 | 0.034 | 4.6 | 0.418 |
| 248152.4 | 842624.0 | 133.5 | 24.500 | 14.654 | 30.9 | 28.548 | 5.7 | 22.718 | 0.121 | 0.207 | 59.7 | 0.239 | 48.7 | 0.289 | 0.118 | 22.2 | 0.312 |
| 248151.6 | 842624.7 | 133.5 | 24.438 | 14.972 | 31.5 | 28.660 | 5.3 | 22.807 | 0.175 | 0.302 | 59.9 | 0.349 | 17.2 | 0.174 | 0.201 | 49.1 | 0.266 |
| 248150.9 | 842625.4 | 133.6 | 24.495 | 15.363 | 32.1 | 28.914 | 4.8 | 23.009 | 0.291 | 0.411 | 54.7 | 0.504 | 6.9 | 0.069 | 0.285 | 76.5 | 0.294 |
| 248150.2 | 842626.1 | 133.6 | 24.667 | 15.831 | 32.7 | 29.310 | 4.4 | 23.324 | 0.427 | 0.535 | 51.4 | 0.684 | 3.0 | -0.031 | 0.373 | -85.3 | 0.375 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248149.5 | 842626.8 | 133.6 | 24.998 | 16.424 | 33.3 | 29.911 | 3.9 | 23.802 | 0.577 | 0.676 | 49.5 | 0.889 | 1.4 | -0.156 | 0.500 | -72.7 | 0.524 |
| 248148.8 | 842627.5 | 133.7 | 25.448 | 17.118 | 33.9 | 30.669 | 3.4 | 24.406 | 0.741 | 0.838 | 48.5 | 1.119 | 0.6 | -0.301 | 0.655 | -65.3 | 0.721 |
| 248148.0 | 842628.2 | 133.7 | 26.008 | 17.915 | 34.6 | 31.581 | 2.9 | 25.132 | 0.921 | 1.025 | 48.1 | 1.378 | 0.4 | -0.470 | 0.840 | -60.8 | 0.963 |
| 248147.3 | 842628.9 | 133.8 | 26.676 | 18.822 | 35.2 | 32.648 | 2.4 | 25.980 | 1.120 | 1.240 | 47.9 | 1.671 | 0.6 | -0.667 | 1.064 | -57.9 | 1.256 |
| 248146.6 | 842629.6 | 133.8 | 27.445 | 19.844 | 35.9 | 33.867 | 1.7 | 26.951 | 1.339 | 1.486 | 48.0 | 2.001 | 0.8 | -0.898 | 1.334 | -56.0 | 1.608 |
| 248145.9 | 842630.3 | 133.9 | 28.307 | 20.981 | 36.5 | 35.235 | 1.0 | 28.039 | 1.581 | 1.768 | 48.2 | 2.372 | 1.0 | -1.169 | 1.657 | -54.8 | 2.028 |
| 248145.2 | 842631.0 | 133.9 | 29.201 | 22.182 | 37.2 | 36.671 | 0.2 | 29.182 | 1.844 | 2.087 | 48.5 | 2.785 | 1.1 | -1.438 | 1.989 | -54.1 | 2.454 |
| 248144.5 | 842631.7 | 133.9 | 30.040 | 23.367 | 37.9 | 38.058 | 0.8 | 30.286 | 2.127 | 2.439 | 48.9 | 3.236 | 1.1 | -1.642 | 2.260 | -54.0 | 2.793 |
| 248143.7 | 842632.4 | 133.9 | 30.875 | 24.583 | 38.5 | 39.466 | 1.9 | 31.406 | 2.426 | 2.821 | 49.3 | 3.721 | 1.1 | -1.851 | 2.543 | -54.0 | 3.145 |
| 248143.0 | 842633.1 | 133.9 | 31.736 | 25.865 | 39.2 | 40.941 | 3.1 | 32.580 | 2.736 | 3.223 | 49.7 | 4.227 | 1.1 | -2.124 | 2.907 | -53.8 | 3.601 |
| 248142.3 | 842633.8 | 134.0 | 32.597 | 27.187 | 39.8 | 42.446 | 4.4 | 33.778 | 3.045 | 3.627 | 50.0 | 4.736 | 1.1 | -2.478 | 3.367 | -53.7 | 4.181 |
| 248141.6 | 842634.5 | 134.0 | 33.338 | 28.420 | 40.4 | 43.808 | 5.8 | 34.861 | 3.339 | 4.009 | 50.2 | 5.217 | 1.1 | -2.839 | 3.834 | -53.5 | 4.770 |
| 248140.9 | 842635.1 | 134.0 | 33.892 | 29.484 | 41.0 | 44.922 | 7.4 | 35.748 | 3.600 | 4.336 | 50.3 | 5.636 | 1.1 | -3.190 | 4.275 | -53.3 | 5.334 |
| 248140.2 | 842635.8 | 134.1 | 34.195 | 30.294 | 41.5 | 45.684 | 9.1 | 36.354 | 3.810 | 4.576 | 50.2 | 5.955 | 1.3 | -3.512 | 4.655 | -53.0 | 5.831 |
| 248139.4 | 842636.5 | 134.1 | 34.189 | 30.769 | 42.0 | 45.996 | 10.8 | 36.602 | 3.951 | 4.699 | 49.9 | 6.139 | 1.5 | -3.781 | 4.934 | -52.5 | 6.216 |
| 248138.7 | 842637.2 | 134.1 | 33.842 | 30.849 | 42.4 | 45.793 | 12.7 | 36.441 | 4.011 | 4.684 | 49.4 | 6.167 | 1.9 | -3.979 | 5.080 | -51.9 | 6.453 |
| 248138.0 | 842637.9 | 134.2 | 33.151 | 30.511 | 42.6 | 45.055 | 14.7 | 35.853 | 3.986 | 4.528 | 48.6 | 6.033 | 2.3 | -4.093 | 5.076 | -51.1 | 6.521 |
| 248137.3 | 842638.6 | 134.2 | 32.149 | 29.770 | 42.8 | 43.815 | 16.7 | 34.867 | 3.881 | 4.246 | 47.6 | 5.752 | 2.9 | -4.121 | 4.921 | -50.1 | 6.418 |
| 248136.6 | 842639.3 | 134.3 | 30.892 | 28.679 | 42.9 | 42.152 | 18.7 | 33.544 | 3.709 | 3.864 | 46.2 | 5.356 | 3.7 | -4.066 | 4.633 | -48.7 | 6.164 |
| 248135.8 | 842640.0 | 134.3 | 29.458 | 27.323 | 42.8 | 40.179 | 20.7 | 31.974 | 3.486 | 3.419 | 44.4 | 4.883 | 4.5 | -3.946 | 4.248 | -47.1 | 5.798 |
| 248135.1 | 842640.7 | 134.3 | 27.877 | 25.732 | 42.7 | 37.938 | 22.7 | 30.190 | 3.230 | 2.945 | 42.4 | 4.371 | 5.3 | -3.726 | 3.754 | -45.2 | 5.289 |
| 248134.4 | 842641.4 | 134.3 | 26.258 | 24.045 | 42.5 | 35.604 | 24.6 | 28.333 | 2.958 | 2.475 | 39.9 | 3.857 | 6.2 | -3.471 | 3.238 | -43.0 | 4.747 |

Centerline results between structures [redacted]-9 and [redacted]-10

**3D EMF Point Results Centerline from [redacted]-9 to [redacted]-10:**

| -------Measurement------- | | | -------------------------B-------------------------- | | | | | H | -------------------------EF-------------------------- | | | | | ------------Space Potential------------ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Y | Z | Real | Imaginary | Angle | Magnitude | Polarization | Magnitude | Real | Imaginary | Angle | Magnitude | Polarization | Real | Imaginary | Angle | Magnitude |
| (m) | (m) | (m) | (uT) | (uT) | (deg) | (uT) | Axial Ratio % | (A/m) | (kV/m) | (kV/m) | (deg) | (kV/m) | Axial Ratio % | (kV) | (kV) | (deg) | (kV) |
| 247913.8 | 842392.5 | 135.2 | 10.195 | 6.847 | 33.9 | 12.281 | 6.7 | 9.773 | 0.902 | 0.970 | 47.1 | 1.325 | 0.2 | -0.766 | 0.920 | -50.2 | 1.197 |
| 247913.1 | 842391.8 | 135.2 | 10.194 | 6.846 | 33.9 | 12.279 | 6.7 | 9.772 | 0.903 | 0.972 | 47.1 | 1.327 | 0.2 | -0.765 | 0.917 | -50.2 | 1.194 |
| 247912.4 | 842391.1 | 135.2 | 10.196 | 6.848 | 33.9 | 12.282 | 6.7 | 9.774 | 0.905 | 0.974 | 47.1 | 1.329 | 0.2 | -0.764 | 0.914 | -50.1 | 1.191 |
| 247911.7 | 842390.4 | 135.2 | 10.202 | 6.853 | 33.9 | 12.290 | 6.7 | 9.780 | 0.907 | 0.977 | 47.1 | 1.333 | 0.2 | -0.762 | 0.910 | -50.1 | 1.187 |
| 247911.0 | 842389.7 | 135.2 | 10.212 | 6.862 | 33.9 | 12.303 | 6.7 | 9.791 | 0.909 | 0.981 | 47.2 | 1.337 | 0.2 | -0.761 | 0.906 | -50.0 | 1.183 |
| 247910.3 | 842388.9 | 135.3 | 10.225 | 6.874 | 33.9 | 12.321 | 6.7 | 9.805 | 0.912 | 0.985 | 47.2 | 1.343 | 0.2 | -0.758 | 0.902 | -49.9 | 1.179 |
| 247909.6 | 842388.2 | 135.3 | 10.238 | 6.886 | 33.9 | 12.338 | 6.7 | 9.818 | 0.916 | 0.990 | 47.2 | 1.348 | 0.2 | -0.749 | 0.891 | -49.9 | 1.164 |
| 247908.9 | 842387.5 | 135.2 | 10.246 | 6.893 | 33.9 | 12.349 | 6.7 | 9.827 | 0.920 | 0.995 | 47.2 | 1.355 | 0.2 | -0.724 | 0.861 | -50.0 | 1.125 |
| 247908.2 | 842386.8 | 135.3 | 10.272 | 6.917 | 34.0 | 12.384 | 6.6 | 9.855 | 0.924 | 1.001 | 47.3 | 1.362 | 0.2 | -0.726 | 0.862 | -49.9 | 1.127 |
| 247907.5 | 842386.1 | 135.3 | 10.302 | 6.944 | 34.0 | 12.424 | 6.6 | 9.887 | 0.928 | 1.007 | 47.3 | 1.370 | 0.2 | -0.729 | 0.864 | -49.9 | 1.130 |
| 247906.8 | 842385.3 | 135.4 | 10.361 | 6.995 | 34.0 | 12.502 | 6.6 | 9.948 | 0.934 | 1.014 | 47.4 | 1.378 | 0.2 | -0.777 | 0.915 | -49.7 | 1.201 |
| 247906.1 | 842384.6 | 135.4 | 10.435 | 7.060 | 34.1 | 12.599 | 6.5 | 10.026 | 0.939 | 1.021 | 47.4 | 1.388 | 0.1 | -0.846 | 0.990 | -49.5 | 1.302 |
| 247905.4 | 842383.9 | 135.5 | 10.485 | 7.104 | 34.1 | 12.665 | 6.5 | 10.079 | 0.945 | 1.029 | 47.4 | 1.397 | 0.1 | -0.866 | 1.011 | -49.4 | 1.331 |
| 247904.7 | 842383.2 | 135.5 | 10.510 | 7.127 | 34.1 | 12.698 | 6.5 | 10.105 | 0.950 | 1.037 | 47.5 | 1.406 | 0.1 | -0.834 | 0.977 | -49.5 | 1.284 |
| 247904.0 | 842382.5 | 135.5 | 10.537 | 7.151 | 34.2 | 12.734 | 6.5 | 10.134 | 0.956 | 1.044 | 47.5 | 1.416 | 0.1 | -0.800 | 0.941 | -49.6 | 1.236 |
| 247903.3 | 842381.8 | 135.5 | 10.576 | 7.185 | 34.2 | 12.786 | 6.4 | 10.174 | 0.962 | 1.052 | 47.6 | 1.426 | 0.1 | -0.783 | 0.923 | -49.7 | 1.210 |
| 247902.6 | 842381.0 | 135.6 | 10.666 | 7.265 | 34.3 | 12.905 | 6.4 | 10.269 | 0.969 | 1.061 | 47.6 | 1.437 | 0.1 | -0.851 | 1.000 | -49.6 | 1.313 |
| 247901.9 | 842380.3 | 135.7 | 10.767 | 7.353 | 34.3 | 13.038 | 6.3 | 10.376 | 0.976 | 1.070 | 47.6 | 1.449 | 0.0 | -0.931 | 1.091 | -49.5 | 1.434 |
| 247901.2 | 842379.6 | 135.8 | 10.892 | 7.462 | 34.4 | 13.202 | 6.3 | 10.506 | 0.984 | 1.080 | 47.7 | 1.461 | 0.0 | -1.045 | 1.219 | -49.4 | 1.605 |
| 247900.5 | 842378.9 | 135.9 | 10.993 | 7.551 | 34.5 | 13.336 | 6.2 | 10.613 | 0.991 | 1.089 | 47.7 | 1.473 | 0.1 | -1.112 | 1.297 | -49.4 | 1.709 |
| 247899.8 | 842378.2 | 135.9 | 11.062 | 7.611 | 34.5 | 13.428 | 6.2 | 10.685 | 0.999 | 1.098 | 47.7 | 1.485 | 0.1 | -1.119 | 1.309 | -49.5 | 1.722 |
| 247899.2 | 842377.4 | 136.0 | 11.133 | 7.674 | 34.6 | 13.522 | 6.2 | 10.760 | 1.006 | 1.108 | 47.7 | 1.497 | 0.1 | -1.123 | 1.319 | -49.6 | 1.733 |
| 247898.5 | 842376.7 | 135.9 | 11.167 | 7.704 | 34.6 | 13.567 | 6.2 | 10.796 | 1.014 | 1.117 | 47.8 | 1.508 | 0.2 | -1.060 | 1.256 | -49.8 | 1.643 |
| 247897.8 | 842376.0 | 135.9 | 11.216 | 7.747 | 34.6 | 13.631 | 6.1 | 10.847 | 1.021 | 1.126 | 47.8 | 1.520 | 0.2 | -1.016 | 1.214 | -50.1 | 1.583 |
| 247897.1 | 842375.3 | 135.8 | 11.229 | 7.758 | 34.6 | 13.648 | 6.1 | 10.861 | 1.029 | 1.135 | 47.8 | 1.532 | 0.3 | -0.906 | 1.100 | -50.5 | 1.425 |
| 247896.4 | 842374.6 | 135.7 | 11.230 | 7.759 | 34.6 | 13.650 | 6.1 | 10.862 | 1.036 | 1.144 | 47.8 | 1.543 | 0.4 | -0.771 | 0.959 | -51.2 | 1.231 |
| 247895.7 | 842373.9 | 135.8 | 11.303 | 7.822 | 34.7 | 13.746 | 6.1 | 10.938 | 1.045 | 1.154 | 47.8 | 1.557 | 0.4 | -0.751 | 0.945 | -51.5 | 1.208 |
| 247895.0 | 842373.1 | 135.8 | 11.366 | 7.877 | 34.7 | 13.829 | 6.0 | 11.005 | 1.053 | 1.164 | 47.9 | 1.570 | 0.5 | -0.710 | 0.908 | -52.0 | 1.152 |
| 247894.3 | 842372.4 | 135.8 | 11.430 | 7.933 | 34.8 | 13.914 | 6.0 | 11.072 | 1.062 | 1.175 | 47.9 | 1.584 | 0.5 | -0.664 | 0.867 | -52.5 | 1.092 |
| 247893.6 | 842371.7 | 135.8 | 11.496 | 7.990 | 34.8 | 14.000 | 6.0 | 11.141 | 1.072 | 1.186 | 47.9 | 1.599 | 0.6 | -0.615 | 0.821 | -53.2 | 1.026 |
| 247892.9 | 842371.0 | 135.8 | 11.563 | 8.048 | 34.8 | 14.088 | 6.0 | 11.211 | 1.082 | 1.198 | 47.9 | 1.614 | 0.6 | -0.562 | 0.771 | -53.9 | 0.954 |
| 247892.2 | 842370.3 | 135.8 | 11.631 | 8.107 | 34.9 | 14.177 | 5.9 | 11.282 | 1.092 | 1.210 | 47.9 | 1.630 | 0.6 | -0.504 | 0.716 | -54.9 | 0.875 |
| 247891.5 | 842369.5 | 135.8 | 11.700 | 8.167 | 34.9 | 14.268 | 5.9 | 11.354 | 1.102 | 1.222 | 48.0 | 1.646 | 0.7 | -0.441 | 0.655 | -56.0 | 0.790 |
| 247890.8 | 842368.8 | 135.8 | 11.770 | 8.227 | 35.0 | 14.360 | 5.9 | 11.427 | 1.113 | 1.236 | 48.0 | 1.663 | 0.7 | -0.374 | 0.589 | -57.6 | 0.698 |
| 247890.1 | 842368.1 | 135.8 | 11.842 | 8.290 | 35.0 | 14.455 | 5.8 | 11.503 | 1.125 | 1.249 | 48.0 | 1.681 | 0.7 | -0.305 | 0.520 | -59.6 | 0.603 |
| 247889.4 | 842367.4 | 135.9 | 11.948 | 8.383 | 35.1 | 14.596 | 5.8 | 11.615 | 1.137 | 1.264 | 48.0 | 1.700 | 0.7 | -0.285 | 0.506 | -60.6 | 0.581 |
| 247888.7 | 842366.7 | 135.9 | 12.034 | 8.457 | 35.1 | 14.709 | 5.8 | 11.705 | 1.149 | 1.279 | 48.1 | 1.720 | 0.8 | -0.226 | 0.447 | -63.2 | 0.501 |
| 247888.0 | 842366.0 | 136.0 | 12.189 | 8.593 | 35.2 | 14.914 | 5.7 | 11.868 | 1.163 | 1.295 | 48.1 | 1.741 | 0.7 | -0.273 | 0.506 | -61.6 | 0.575 |
| 247887.3 | 842365.2 | 136.1 | 12.340 | 8.726 | 35.3 | 15.114 | 5.7 | 12.027 | 1.176 | 1.312 | 48.1 | 1.762 | 0.7 | -0.307 | 0.549 | -60.8 | 0.629 |
| 247886.6 | 842364.5 | 136.2 | 12.492 | 8.860 | 35.3 | 15.315 | 5.6 | 12.188 | 1.190 | 1.329 | 48.2 | 1.784 | 0.7 | -0.336 | 0.587 | -60.2 | 0.677 |
| 247885.9 | 842363.8 | 136.3 | 12.644 | 8.993 | 35.4 | 15.515 | 5.6 | 12.347 | 1.204 | 1.347 | 48.2 | 1.807 | 0.7 | -0.357 | 0.615 | -59.9 | 0.711 |
| 247885.2 | 842363.1 | 136.4 | 12.797 | 9.128 | 35.5 | 15.719 | 5.5 | 12.509 | 1.218 | 1.365 | 48.2 | 1.829 | 0.7 | -0.376 | 0.641 | -59.6 | 0.743 |
| 247884.5 | 842362.4 | 136.7 | 13.042 | 9.346 | 35.6 | 16.045 | 5.4 | 12.768 | 1.233 | 1.384 | 48.3 | 1.853 | 0.6 | -0.532 | 0.819 | -57.0 | 0.977 |
| 247883.8 | 842361.7 | 136.9 | 13.318 | 9.592 | 35.8 | 16.413 | 5.3 | 13.061 | 1.249 | 1.403 | 48.3 | 1.878 | 0.6 | -0.727 | 1.040 | -55.1 | 1.269 |
| 247883.1 | 842360.9 | 137.2 | 13.608 | 9.852 | 35.9 | 16.801 | 5.2 | 13.369 | 1.264 | 1.423 | 48.4 | 1.904 | 0.5 | -0.933 | 1.275 | -53.8 | 1.580 |
| 247882.4 | 842360.2 | 137.4 | 13.920 | 10.132 | 36.1 | 17.217 | 5.1 | 13.701 | 1.281 | 1.444 | 48.4 | 1.930 | 0.4 | -1.160 | 1.532 | -52.9 | 1.922 |
| 247881.8 | 842359.5 | 137.7 | 14.194 | 10.379 | 36.2 | 17.584 | 5.0 | 13.993 | 1.297 | 1.464 | 48.5 | 1.955 | 0.4 | -1.322 | 1.718 | -52.4 | 2.168 |
| 247881.1 | 842358.8 | 137.9 | 14.449 | 10.610 | 36.3 | 17.926 | 4.9 | 14.265 | 1.312 | 1.484 | 48.5 | 1.981 | 0.4 | -1.450 | 1.864 | -52.1 | 2.362 |
| 247880.4 | 842358.1 | 138.0 | 14.693 | 10.831 | 36.4 | 18.254 | 4.8 | 14.526 | 1.328 | 1.504 | 48.5 | 2.006 | 0.4 | -1.555 | 1.986 | -51.9 | 2.523 |
| 247879.7 | 842357.3 | 138.1 | 14.897 | 11.015 | 36.5 | 18.527 | 4.7 | 14.744 | 1.344 | 1.523 | 48.6 | 2.031 | 0.4 | -1.599 | 2.038 | -51.9 | 2.590 |
| 247879.0 | 842356.6 | 138.2 | 15.070 | 11.171 | 36.5 | 18.758 | 4.6 | 14.928 | 1.359 | 1.543 | 48.6 | 2.056 | 0.4 | -1.595 | 2.035 | -51.9 | 2.585 |
| 247878.3 | 842355.9 | 138.3 | 15.237 | 11.322 | 36.6 | 18.982 | 4.5 | 15.106 | 1.374 | 1.562 | 48.7 | 2.080 | 0.4 | -1.579 | 2.019 | -52.0 | 2.563 |
| 247877.6 | 842355.2 | 138.2 | 15.244 | 11.325 | 36.6 | 18.991 | 4.5 | 15.112 | 1.387 | 1.579 | 48.7 | 2.102 | 0.4 | -1.342 | 1.753 | -52.5 | 2.208 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247876.9 | 842354.5 | 138.2 | 15.315 | 11.388 | 36.6 | 19.085 | 4.5 | 15.187 | 1.402 | 1.597 | 48.7 | 2.125 | 0.4 | -1.189 | 1.579 | -53.0 | 1.977 |
| 247876.2 | 842353.8 | 138.2 | 15.476 | 11.533 | 36.7 | 19.301 | 4.4 | 15.359 | 1.417 | 1.617 | 48.8 | 2.150 | 0.4 | -1.157 | 1.542 | -53.1 | 1.928 |
| 247875.5 | 842353.0 | 138.4 | 15.785 | 11.816 | 36.8 | 19.718 | 4.3 | 15.691 | 1.434 | 1.638 | 48.8 | 2.177 | 0.4 | -1.324 | 1.729 | -52.6 | 2.178 |
| 247874.8 | 842352.3 | 138.7 | 16.150 | 12.152 | 37.0 | 20.211 | 4.2 | 16.084 | 1.451 | 1.661 | 48.8 | 2.206 | 0.3 | -1.557 | 1.992 | -52.0 | 2.528 |
| 247874.1 | 842351.6 | 138.9 | 16.446 | 12.424 | 37.1 | 20.612 | 4.0 | 16.402 | 1.468 | 1.683 | 48.9 | 2.233 | 0.3 | -1.692 | 2.143 | -51.7 | 2.730 |
| 247873.4 | 842350.9 | 139.0 | 16.670 | 12.630 | 37.1 | 20.915 | 3.9 | 16.643 | 1.484 | 1.703 | 48.9 | 2.259 | 0.3 | -1.729 | 2.182 | -51.6 | 2.784 |
| 247872.7 | 842350.2 | 139.1 | 16.907 | 12.848 | 37.2 | 21.234 | 3.8 | 16.898 | 1.501 | 1.724 | 49.0 | 2.286 | 0.3 | -1.778 | 2.236 | -51.5 | 2.857 |
| 247872.0 | 842349.4 | 139.2 | 17.158 | 13.081 | 37.3 | 21.576 | 3.7 | 17.169 | 1.517 | 1.745 | 49.0 | 2.312 | 0.3 | -1.845 | 2.309 | -51.4 | 2.956 |
| 247871.3 | 842348.7 | 139.3 | 17.409 | 13.312 | 37.4 | 21.915 | 3.6 | 17.440 | 1.533 | 1.765 | 49.0 | 2.338 | 0.4 | -1.907 | 2.377 | -51.3 | 3.048 |
| 247870.6 | 842348.0 | 139.4 | 17.597 | 13.486 | 37.5 | 22.171 | 3.5 | 17.643 | 1.548 | 1.785 | 49.1 | 2.363 | 0.4 | -1.891 | 2.355 | -51.2 | 3.020 |
| 247869.9 | 842347.3 | 139.4 | 17.753 | 13.629 | 37.5 | 22.381 | 3.5 | 17.810 | 1.563 | 1.803 | 49.1 | 2.386 | 0.3 | -1.833 | 2.287 | -51.3 | 2.931 |
| 247869.2 | 842346.6 | 139.5 | 17.937 | 13.799 | 37.6 | 22.631 | 3.4 | 18.009 | 1.577 | 1.822 | 49.1 | 2.410 | 0.3 | -1.811 | 2.259 | -51.3 | 2.895 |
| 247868.5 | 842345.9 | 139.5 | 18.094 | 13.943 | 37.6 | 22.843 | 3.3 | 18.178 | 1.592 | 1.840 | 49.1 | 2.433 | 0.3 | -1.756 | 2.193 | -51.3 | 2.809 |
| 247867.8 | 842345.1 | 139.5 | 18.251 | 14.089 | 37.7 | 23.057 | 3.3 | 18.348 | 1.606 | 1.857 | 49.2 | 2.455 | 0.3 | -1.703 | 2.130 | -51.4 | 2.727 |
| 247867.1 | 842344.4 | 139.6 | 18.500 | 14.321 | 37.7 | 23.395 | 3.2 | 18.617 | 1.620 | 1.875 | 49.2 | 2.478 | 0.3 | -1.763 | 2.197 | -51.3 | 2.816 |
| 247866.4 | 842343.7 | 139.7 | 18.774 | 14.577 | 37.8 | 23.769 | 3.0 | 18.914 | 1.634 | 1.893 | 49.2 | 2.501 | 0.3 | -1.852 | 2.298 | -51.1 | 2.952 |
| 247865.7 | 842343.0 | 139.8 | 18.930 | 14.721 | 37.9 | 23.981 | 3.0 | 19.083 | 1.647 | 1.909 | 49.2 | 2.521 | 0.3 | -1.802 | 2.240 | -51.2 | 2.875 |
| 247865.0 | 842342.3 | 139.7 | 19.009 | 14.792 | 37.9 | 24.086 | 2.9 | 19.167 | 1.659 | 1.923 | 49.2 | 2.540 | 0.3 | -1.662 | 2.079 | -51.4 | 2.662 |
| 247864.4 | 842341.5 | 139.8 | 19.171 | 14.942 | 37.9 | 24.306 | 2.9 | 19.342 | 1.671 | 1.938 | 49.2 | 2.559 | 0.2 | -1.624 | 2.036 | -51.4 | 2.604 |
| 247863.7 | 842340.8 | 139.8 | 19.355 | 15.113 | 38.0 | 24.557 | 2.8 | 19.542 | 1.683 | 1.952 | 49.2 | 2.578 | 0.2 | -1.616 | 2.028 | -51.4 | 2.593 |
| 247863.0 | 842340.1 | 139.9 | 19.548 | 15.293 | 38.0 | 24.819 | 2.7 | 19.750 | 1.695 | 1.966 | 49.2 | 2.596 | 0.2 | -1.620 | 2.034 | -51.5 | 2.601 |
| 247862.3 | 842339.4 | 139.9 | 19.744 | 15.476 | 38.1 | 25.086 | 2.6 | 19.963 | 1.706 | 1.979 | 49.2 | 2.613 | 0.2 | -1.633 | 2.051 | -51.5 | 2.621 |
| 247861.6 | 842338.7 | 140.0 | 19.943 | 15.663 | 38.1 | 25.359 | 2.5 | 20.180 | 1.717 | 1.992 | 49.2 | 2.630 | 0.2 | -1.652 | 2.076 | -51.5 | 2.653 |
| 247860.9 | 842338.0 | 140.0 | 20.149 | 15.855 | 38.2 | 25.639 | 2.4 | 20.403 | 1.728 | 2.004 | 49.2 | 2.646 | 0.3 | -1.682 | 2.114 | -51.5 | 2.701 |
| 247860.2 | 842337.2 | 140.1 | 20.359 | 16.053 | 38.3 | 25.926 | 2.3 | 20.632 | 1.738 | 2.015 | 49.2 | 2.661 | 0.3 | -1.721 | 2.163 | -51.5 | 2.764 |
| 247859.5 | 842336.5 | 140.1 | 20.563 | 16.244 | 38.3 | 26.205 | 2.2 | 20.854 | 1.747 | 2.026 | 49.2 | 2.675 | 0.3 | -1.757 | 2.210 | -51.5 | 2.823 |
| 247858.8 | 842335.8 | 140.1 | 20.678 | 16.350 | 38.3 | 26.361 | 2.2 | 20.977 | 1.756 | 2.035 | 49.2 | 2.687 | 0.3 | -1.696 | 2.144 | -51.7 | 2.734 |
| 247858.1 | 842335.1 | 140.1 | 20.756 | 16.420 | 38.3 | 26.466 | 2.2 | 21.061 | 1.763 | 2.043 | 49.2 | 2.699 | 0.3 | -1.599 | 2.038 | -51.9 | 2.591 |
| 247857.4 | 842334.4 | 140.1 | 20.834 | 16.490 | 38.4 | 26.570 | 2.1 | 21.144 | 1.771 | 2.050 | 49.2 | 2.709 | 0.3 | -1.507 | 1.939 | -52.1 | 2.455 |
| 247856.7 | 842333.6 | 140.0 | 20.911 | 16.560 | 38.4 | 26.674 | 2.1 | 21.226 | 1.777 | 2.057 | 49.2 | 2.719 | 0.3 | -1.420 | 1.845 | -52.4 | 2.328 |
| 247856.0 | 842332.9 | 140.0 | 21.006 | 16.647 | 38.4 | 26.803 | 2.1 | 21.329 | 1.784 | 2.064 | 49.2 | 2.728 | 0.3 | -1.360 | 1.784 | -52.7 | 2.243 |
| 247855.3 | 842332.2 | 140.0 | 21.150 | 16.781 | 38.4 | 26.998 | 2.0 | 21.485 | 1.790 | 2.070 | 49.1 | 2.736 | 0.3 | -1.360 | 1.791 | -52.8 | 2.249 |
| 247854.6 | 842331.5 | 140.0 | 21.310 | 16.931 | 38.5 | 27.217 | 1.9 | 21.659 | 1.796 | 2.075 | 49.1 | 2.744 | 0.4 | -1.386 | 1.828 | -52.8 | 2.294 |
| 247853.9 | 842330.8 | 140.0 | 21.472 | 17.081 | 38.5 | 27.437 | 1.8 | 21.834 | 1.801 | 2.080 | 49.1 | 2.751 | 0.4 | -1.418 | 1.873 | -52.9 | 2.349 |
| 247853.2 | 842330.1 | 140.1 | 21.633 | 17.233 | 38.5 | 27.658 | 1.8 | 22.010 | 1.806 | 2.084 | 49.1 | 2.757 | 0.4 | -1.455 | 1.924 | -52.9 | 2.412 |
| 247852.5 | 842329.3 | 140.0 | 21.642 | 17.236 | 38.5 | 27.667 | 1.8 | 22.017 | 1.809 | 2.087 | 49.1 | 2.762 | 0.4 | -1.330 | 1.787 | -53.4 | 2.228 |
| 247851.8 | 842328.6 | 140.0 | 21.733 | 17.319 | 38.6 | 27.789 | 1.7 | 22.114 | 1.812 | 2.089 | 49.1 | 2.766 | 0.5 | -1.301 | 1.762 | -53.6 | 2.191 |
| 247851.1 | 842327.9 | 140.0 | 21.855 | 17.432 | 38.6 | 27.956 | 1.7 | 22.246 | 1.815 | 2.092 | 49.0 | 2.770 | 0.5 | -1.314 | 1.784 | -53.6 | 2.216 |
| 247850.4 | 842327.2 | 139.9 | 21.860 | 17.431 | 38.6 | 27.958 | 1.7 | 22.249 | 1.818 | 2.093 | 49.0 | 2.772 | 0.5 | -1.202 | 1.662 | -54.1 | 2.051 |
| 247849.7 | 842326.5 | 139.8 | 21.917 | 17.481 | 38.6 | 28.035 | 1.7 | 22.309 | 1.819 | 2.094 | 49.0 | 2.774 | 0.6 | -1.155 | 1.614 | -54.4 | 1.985 |
| 247849.0 | 842325.7 | 139.9 | 22.061 | 17.616 | 38.6 | 28.232 | 1.6 | 22.466 | 1.822 | 2.096 | 49.0 | 2.777 | 0.6 | -1.208 | 1.681 | -54.3 | 2.070 |
| 247848.3 | 842325.0 | 139.9 | 22.206 | 17.751 | 38.6 | 28.429 | 1.5 | 22.623 | 1.823 | 2.097 | 49.0 | 2.779 | 0.7 | -1.267 | 1.752 | -54.1 | 2.162 |
| 247847.6 | 842324.3 | 139.8 | 22.209 | 17.748 | 38.6 | 28.430 | 1.5 | 22.624 | 1.824 | 2.097 | 49.0 | 2.780 | 0.7 | -1.176 | 1.651 | -54.5 | 2.027 |
| 247847.0 | 842323.6 | 139.7 | 22.204 | 17.738 | 38.6 | 28.419 | 1.5 | 22.615 | 1.825 | 2.098 | 49.0 | 2.780 | 0.7 | -1.080 | 1.543 | -55.0 | 1.883 |
| 247846.3 | 842322.9 | 139.7 | 22.337 | 17.861 | 38.6 | 28.600 | 1.5 | 22.759 | 1.826 | 2.099 | 49.0 | 2.782 | 0.7 | -1.139 | 1.612 | -54.8 | 1.974 |
| 247845.6 | 842322.2 | 139.7 | 22.495 | 18.009 | 38.7 | 28.816 | 1.4 | 22.931 | 1.827 | 2.101 | 49.0 | 2.784 | 0.8 | -1.229 | 1.715 | -54.4 | 2.110 |
| 247844.9 | 842321.4 | 139.8 | 22.654 | 18.158 | 38.7 | 29.033 | 1.3 | 23.104 | 1.828 | 2.102 | 49.0 | 2.786 | 0.9 | -1.321 | 1.820 | -54.0 | 2.249 |
| 247844.2 | 842320.7 | 139.8 | 22.789 | 18.284 | 38.7 | 29.217 | 1.3 | 23.250 | 1.830 | 2.104 | 49.0 | 2.788 | 0.9 | -1.391 | 1.897 | -53.8 | 2.352 |
| 247843.5 | 842320.0 | 139.7 | 22.823 | 18.311 | 38.7 | 29.261 | 1.2 | 23.285 | 1.830 | 2.105 | 49.0 | 2.789 | 0.9 | -1.356 | 1.854 | -53.8 | 2.297 |
| 247842.8 | 842319.3 | 139.7 | 22.845 | 18.327 | 38.7 | 29.288 | 1.2 | 23.307 | 1.830 | 2.106 | 49.0 | 2.790 | 0.9 | -1.311 | 1.798 | -53.9 | 2.225 |
| 247842.1 | 842318.6 | 139.6 | 22.915 | 18.388 | 38.7 | 29.380 | 1.2 | 23.380 | 1.831 | 2.107 | 49.0 | 2.791 | 0.9 | -1.318 | 1.802 | -53.8 | 2.232 |
| 247841.4 | 842317.8 | 139.6 | 23.033 | 18.498 | 38.8 | 29.542 | 1.2 | 23.508 | 1.832 | 2.109 | 49.0 | 2.793 | 0.9 | -1.379 | 1.867 | -53.5 | 2.321 |
| 247840.7 | 842317.1 | 139.5 | 22.974 | 18.434 | 38.7 | 29.455 | 1.2 | 23.440 | 1.832 | 2.109 | 49.0 | 2.793 | 0.9 | -1.255 | 1.718 | -53.9 | 2.128 |
| 247840.0 | 842316.4 | 139.5 | 22.974 | 18.428 | 38.7 | 29.452 | 1.2 | 23.437 | 1.832 | 2.110 | 49.0 | 2.794 | 0.9 | -1.195 | 1.644 | -54.0 | 2.032 |
| 247839.3 | 842315.7 | 139.4 | 23.071 | 18.516 | 38.7 | 29.582 | 1.2 | 23.540 | 1.833 | 2.112 | 49.0 | 2.796 | 0.9 | -1.239 | 1.687 | -53.7 | 2.093 |
| 247838.6 | 842315.0 | 139.4 | 23.166 | 18.602 | 38.8 | 29.710 | 1.1 | 23.643 | 1.833 | 2.113 | 49.1 | 2.798 | 0.9 | -1.282 | 1.731 | -53.5 | 2.154 |
| 247837.9 | 842314.3 | 139.4 | 23.261 | 18.688 | 38.8 | 29.838 | 1.1 | 23.745 | 1.834 | 2.115 | 49.1 | 2.799 | 0.9 | -1.326 | 1.776 | -53.2 | 2.216 |
| 247837.2 | 842313.5 | 139.4 | 23.355 | 18.774 | 38.8 | 29.965 | 1.0 | 23.845 | 1.835 | 2.116 | 49.1 | 2.801 | 0.9 | -1.370 | 1.821 | -53.0 | 2.279 |
| 247836.5 | 842312.8 | 139.4 | 23.448 | 18.859 | 38.8 | 30.091 | 1.0 | 23.946 | 1.836 | 2.118 | 49.1 | 2.803 | 0.9 | -1.414 | 1.867 | -52.9 | 2.342 |
| 247835.8 | 842312.1 | 139.4 | 23.541 | 18.943 | 38.8 | 30.216 | 0.9 | 24.045 | 1.837 | 2.119 | 49.1 | 2.805 | 0.9 | -1.458 | 1.913 | -52.7 | 2.405 |
| 247835.1 | 842311.4 | 139.4 | 23.633 | 19.026 | 38.8 | 30.340 | 0.9 | 24.144 | 1.838 | 2.120 | 49.1 | 2.806 | 0.9 | -1.502 | 1.960 | -52.5 | 2.469 |
| 247834.4 | 842310.7 | 139.3 | 23.679 | 19.065 | 38.8 | 30.400 | 0.9 | 24.192 | 1.839 | 2.121 | 49.1 | 2.807 | 0.9 | -1.499 | 1.954 | -52.5 | 2.463 |
| 247833.7 | 842310.0 | 139.3 | 23.717 | 19.095 | 38.8 | 30.449 | 0.9 | 24.230 | 1.839 | 2.121 | 49.1 | 2.808 | 0.9 | -1.488 | 1.940 | -52.5 | 2.445 |
| 247833.0 | 842309.2 | 139.2 | 23.754 | 19.124 | 38.8 | 30.496 | 0.9 | 24.268 | 1.840 | 2.122 | 49.1 | 2.808 | 0.9 | -1.477 | 1.926 | -52.5 | 2.427 |
| 247832.3 | 842308.5 | 139.2 | 23.790 | 19.153 | 38.8 | 30.541 | 0.8 | 24.304 | 1.841 | 2.122 | 49.1 | 2.809 | 0.9 | -1.464 | 1.912 | -52.6 | 2.408 |
| 247831.6 | 842307.8 | 139.1 | 23.779 | 19.135 | 38.8 | 30.522 | 0.9 | 24.288 | 1.841 | 2.122 | 49.1 | 2.809 | 0.8 | -1.403 | 1.844 | -52.7 | 2.317 |
| 247830.9 | 842307.1 | 139.1 | 23.747 | 19.096 | 38.8 | 30.472 | 0.9 | 24.249 | 1.842 | 2.122 | 49.0 | 2.809 | 0.8 | -1.321 | 1.751 | -53.0 | 2.193 |
| 247830.2 | 842306.4 | 139.0 | 23.764 | 19.106 | 38.8 | 30.492 | 0.9 | 24.264 | 1.842 | 2.122 | 49.0 | 2.810 | 0.8 | -1.289 | 1.717 | -53.1 | 2.147 |
| 247829.6 | 842305.6 | 139.0 | 23.820 | 19.154 | 38.8 | 30.565 | 0.8 | 24.323 | 1.844 | 2.123 | 49.0 | 2.812 | 0.8 | -1.296 | 1.730 | -53.2 | 2.162 |
| 247828.9 | 842304.9 | 138.9 | 23.865 | 19.191 | 38.8 | 30.624 | 0.8 | 24.370 | 1.845 | 2.123 | 49.0 | 2.813 | 0.8 | -1.292 | 1.730 | -53.2 | 2.159 |
| 247828.2 | 842304.2 | 138.9 | 23.857 | 19.175 | 38.8 | 30.608 | 0.8 | 24.357 | 1.846 | 2.124 | 49.0 | 2.814 | 0.8 | -1.232 | 1.667 | -53.5 | 2.073 |
| 247827.5 | 842303.5 | 138.8 | 23.800 | 19.112 | 38.8 | 30.524 | 0.9 | 24.290 | 1.847 | 2.123 | 49.0 | 2.814 | 0.8 | -1.122 | 1.547 | -54.0 | 1.911 |
| 247826.8 | 842302.8 | 138.8 | 23.908 | 19.211 | 38.8 | 30.670 | 0.8 | 24.407 | 1.849 | 2.125 | 49.0 | 2.816 | 0.8 | -1.181 | 1.622 | -53.9 | 2.007 |
| 247826.1 | 842302.1 | 138.8 | 24.024 | 19.317 | 38.8 | 30.827 | 0.8 | 24.531 | 1.851 | 2.126 | 49.0 | 2.819 | 0.8 | -1.247 | 1.705 | -53.8 | 2.112 |
| 247825.4 | 842301.3 | 138.8 | 24.203 | 19.486 | 38.8 | 31.072 | 0.7 | 24.727 | 1.853 | 2.128 | 48.9 | 2.822 | 0.9 | -1.376 | 1.861 | -53.5 | 2.314 |
| 247824.7 | 842300.6 | 138.9 | 24.389 | 19.661 | 38.9 | 31.327 | 0.6 | 24.929 | 1.856 | 2.131 | 48.9 | 2.826 | 1.0 | -1.510 | 2.022 | -53.3 | 2.523 |
| 247824.0 | 842299.9 | 138.9 | 24.501 | 19.763 | 38.9 | 31.479 | 0.6 | 25.050 | 1.859 | 2.132 | 48.9 | 2.829 | 1.0 | -1.568 | 2.097 | -53.2 | 2.619 |
| 247823.3 | 842299.2 | 138.9 | 24.613 | 19.865 | 38.9 | 31.630 | 0.5 | 25.170 | 1.861 | 2.134 | 48.9 | 2.832 | 1.1 | -1.624 | 2.171 | -53.2 | 2.711 |
| 247822.6 | 842298.5 | 138.8 | 24.494 | 19.740 | 38.9 | 31.458 | 0.6 | 25.034 | 1.861 | 2.133 | 48.9 | 2.831 | 1.0 | -1.448 | 1.980 | -53.8 | 2.453 |
| 247821.9 | 842297.7 | 138.7 | 24.515 | 19.754 | 38.9 | 31.483 | 0.6 | 25.054 | 1.863 | 2.133 | 48.9 | 2.832 | 1.0 | -1.412 | 1.950 | -54.1 | 2.408 |
| 247821.2 | 842297.0 | 138.7 | 24.617 | 19.845 | 38.9 | 31.620 | 0.5 | 25.162 | 1.866 | 2.135 | 48.9 | 2.835 | 1.1 | -1.455 | 2.010 | -54.1 | 2.481 |
| 247820.5 | 842296.3 | 138.8 | 24.717 | 19.936 | 38.9 | 31.755 | 0.5 | 25.270 | 1.868 | 2.137 | 48.8 | 2.838 | 1.1 | -1.496 | 2.067 | -54.1 | 2.552 |
| 247819.8 | 842295.6 | 138.7 | 24.711 | 19.922 | 38.9 | 31.741 | 0.5 | 25.259 | 1.870 | 2.137 | 48.8 | 2.839 | 1.1 | -1.429 | 2.001 | -54.5 | 2.459 |
| 247819.1 | 842294.9 | 138.6 | 24.619 | 19.823 | 38.8 | 31.607 | 0.5 | 25.152 | 1.871 | 2.136 | 48.8 | 2.840 | 1.1 | -1.275 | 1.836 | -55.2 | 2.235 |
| 247818.4 | 842294.2 | 138.6 | 24.740 | 19.934 | 38.9 | 31.772 | 0.5 | 25.283 | 1.874 | 2.139 | 48.8 | 2.843 | 1.2 | -1.333 | 1.913 | -55.1 | 2.331 |
| 247817.7 | 842293.4 | 138.7 | 24.908 | 20.091 | 38.9 | 32.001 | 0.4 | 25.465 | 1.877 | 2.142 | 48.8 | 2.848 | 1.2 | -1.435 | 2.038 | -54.9 | 2.493 |
| 247817.0 | 842292.7 | 138.7 | 25.075 | 20.248 | 38.9 | 32.230 | 0.3 | 25.648 | 1.881 | 2.145 | 48.8 | 2.853 | 1.3 | -1.534 | 2.160 | -54.6 | 2.650 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247816.3 | 842292.0 | 138.7 | 25.125 | 20.288 | 38.9 | 32.293 | 0.3 | 25.698 | 1.884 | 2.147 | 48.7 | 2.857 | 1.3 | -1.515 | 2.146 | -54.8 | 2.627 |
| 247815.6 | 842291.3 | 138.6 | 25.107 | 20.261 | 38.9 | 32.263 | 0.3 | 25.674 | 1.887 | 2.149 | 48.7 | 2.860 | 1.3 | -1.427 | 2.054 | -55.2 | 2.501 |
| 247814.9 | 842290.6 | 138.6 | 25.081 | 20.228 | 38.9 | 32.222 | 0.4 | 25.641 | 1.889 | 2.151 | 48.7 | 2.863 | 1.3 | -1.329 | 1.951 | -55.7 | 2.361 |
| 247814.2 | 842289.8 | 138.5 | 25.095 | 20.233 | 38.9 | 32.236 | 0.4 | 25.653 | 1.893 | 2.153 | 48.7 | 2.867 | 1.3 | -1.270 | 1.889 | -56.1 | 2.276 |
| 247813.5 | 842289.1 | 138.5 | 25.045 | 20.221 | 38.9 | 32.189 | 0.4 | 25.615 | 1.885 | 2.148 | 48.7 | 2.858 | 1.2 | -1.148 | 1.775 | -57.1 | 2.114 |
| 247812.8 | 842288.4 | 138.4 | 25.071 | 20.237 | 38.9 | 32.219 | 0.4 | 25.639 | 1.889 | 2.151 | 48.7 | 2.862 | 1.2 | -1.098 | 1.721 | -57.5 | 2.042 |
| 247812.2 | 842287.7 | 138.4 | 25.101 | 20.257 | 38.9 | 32.255 | 0.3 | 25.668 | 1.892 | 2.154 | 48.7 | 2.867 | 1.2 | -1.050 | 1.671 | -57.8 | 1.973 |
| 247811.5 | 842287.0 | 138.4 | 25.120 | 20.266 | 38.9 | 32.276 | 0.3 | 25.684 | 1.896 | 2.157 | 48.7 | 2.872 | 1.2 | -0.991 | 1.606 | -58.3 | 1.887 |
| 247810.8 | 842286.3 | 138.4 | 25.274 | 20.409 | 38.9 | 32.486 | 0.3 | 25.851 | 1.900 | 2.162 | 48.7 | 2.879 | 1.2 | -1.066 | 1.692 | -57.8 | 2.000 |
| 247810.1 | 842285.5 | 138.4 | 25.299 | 20.424 | 38.9 | 32.515 | 0.3 | 25.874 | 1.904 | 2.165 | 48.7 | 2.883 | 1.2 | -1.013 | 1.631 | -58.2 | 1.920 |
| 247809.4 | 842284.8 | 138.3 | 25.316 | 20.434 | 38.9 | 32.533 | 0.2 | 25.889 | 1.916 | 2.172 | 48.6 | 2.896 | 1.2 | -0.973 | 1.548 | -57.8 | 1.828 |
| 247808.7 | 842284.1 | 138.3 | 25.394 | 20.501 | 38.9 | 32.637 | 0.2 | 25.972 | 1.920 | 2.175 | 48.6 | 2.901 | 1.2 | -0.974 | 1.548 | -57.8 | 1.828 |
| 247808.0 | 842283.4 | 138.3 | 25.480 | 20.577 | 38.9 | 32.751 | 0.2 | 26.063 | 1.923 | 2.178 | 48.6 | 2.905 | 1.1 | -0.982 | 1.556 | -57.7 | 1.840 |
| 247807.3 | 842282.7 | 138.3 | 25.563 | 20.648 | 38.9 | 32.860 | 0.2 | 26.149 | 1.926 | 2.181 | 48.5 | 2.909 | 1.1 | -0.988 | 1.562 | -57.7 | 1.848 |
| 247806.6 | 842281.9 | 138.4 | 25.644 | 20.719 | 38.9 | 32.968 | 0.2 | 26.235 | 1.929 | 2.183 | 48.5 | 2.913 | 1.1 | -0.994 | 1.567 | -57.6 | 1.856 |
| 247805.9 | 842281.2 | 138.3 | 25.708 | 20.772 | 38.9 | 33.051 | 0.2 | 26.301 | 1.931 | 2.185 | 48.5 | 2.916 | 1.1 | -0.984 | 1.554 | -57.7 | 1.840 |
| 247805.2 | 842280.5 | 138.3 | 25.720 | 20.773 | 38.9 | 33.061 | 0.2 | 26.309 | 1.933 | 2.187 | 48.5 | 2.919 | 1.1 | -0.924 | 1.484 | -58.1 | 1.748 |
| 247804.5 | 842279.8 | 138.3 | 25.854 | 20.894 | 38.9 | 33.241 | 0.2 | 26.453 | 1.936 | 2.189 | 48.5 | 2.922 | 1.1 | -0.986 | 1.552 | -57.6 | 1.839 |
| 247803.8 | 842279.1 | 138.4 | 25.956 | 20.985 | 39.0 | 33.378 | 0.2 | 26.561 | 1.938 | 2.191 | 48.5 | 2.925 | 1.1 | -1.020 | 1.587 | -57.3 | 1.886 |
| 247803.1 | 842278.4 | 138.4 | 26.058 | 21.076 | 39.0 | 33.514 | 0.2 | 26.669 | 1.940 | 2.193 | 48.5 | 2.928 | 1.1 | -1.054 | 1.622 | -57.0 | 1.935 |
| 247802.4 | 842277.6 | 138.3 | 26.071 | 21.078 | 39.0 | 33.525 | 0.2 | 26.679 | 1.942 | 2.194 | 48.5 | 2.930 | 1.1 | -1.003 | 1.561 | -57.3 | 1.856 |
| 247801.7 | 842276.9 | 138.3 | 26.127 | 21.123 | 39.0 | 33.598 | 0.2 | 26.736 | 1.943 | 2.195 | 48.5 | 2.932 | 1.1 | -0.998 | 1.552 | -57.3 | 1.845 |
| 247801.0 | 842276.2 | 138.4 | 26.214 | 21.198 | 39.0 | 33.713 | 0.2 | 26.828 | 1.945 | 2.196 | 48.5 | 2.934 | 1.1 | -1.024 | 1.578 | -57.0 | 1.881 |
| 247800.3 | 842275.5 | 138.4 | 26.300 | 21.273 | 39.0 | 33.826 | 0.3 | 26.918 | 1.946 | 2.198 | 48.5 | 2.936 | 1.1 | -1.053 | 1.606 | -56.7 | 1.920 |
| 247799.6 | 842274.8 | 138.4 | 26.401 | 21.362 | 39.0 | 33.961 | 0.3 | 27.025 | 1.948 | 2.199 | 48.5 | 2.937 | 1.1 | -1.099 | 1.653 | -56.4 | 1.986 |
| 247798.9 | 842274.0 | 138.4 | 26.571 | 21.520 | 39.0 | 34.193 | 0.4 | 27.210 | 1.949 | 2.200 | 48.5 | 2.939 | 1.2 | -1.216 | 1.780 | -55.7 | 2.156 |
| 247798.2 | 842273.3 | 138.5 | 26.741 | 21.677 | 39.0 | 34.424 | 0.4 | 27.394 | 1.950 | 2.201 | 48.5 | 2.941 | 1.2 | -1.334 | 1.910 | -55.1 | 2.330 |
| 247797.5 | 842272.6 | 138.5 | 26.869 | 21.793 | 39.0 | 34.596 | 0.5 | 27.531 | 1.951 | 2.202 | 48.5 | 2.942 | 1.3 | -1.415 | 1.997 | -54.7 | 2.448 |
| 247796.8 | 842271.9 | 138.5 | 26.879 | 21.791 | 39.0 | 34.602 | 0.5 | 27.536 | 1.951 | 2.201 | 48.5 | 2.941 | 1.2 | -1.386 | 1.961 | -54.7 | 2.402 |
| 247796.1 | 842271.2 | 138.5 | 26.887 | 21.788 | 39.0 | 34.607 | 0.5 | 27.539 | 1.950 | 2.200 | 48.4 | 2.940 | 1.2 | -1.360 | 1.929 | -54.8 | 2.360 |
| 247795.4 | 842270.5 | 138.4 | 26.895 | 21.784 | 39.0 | 34.610 | 0.5 | 27.542 | 1.949 | 2.198 | 48.4 | 2.938 | 1.2 | -1.336 | 1.900 | -54.9 | 2.323 |
| 247794.8 | 842269.7 | 138.4 | 26.929 | 21.807 | 39.0 | 34.651 | 0.5 | 27.575 | 1.948 | 2.196 | 48.4 | 2.936 | 1.2 | -1.343 | 1.907 | -54.8 | 2.333 |
| 247794.1 | 842269.0 | 138.5 | 27.040 | 21.905 | 39.0 | 34.800 | 0.5 | 27.693 | 1.947 | 2.195 | 48.4 | 2.934 | 1.2 | -1.428 | 2.002 | -54.5 | 2.459 |
| 247793.4 | 842268.3 | 138.5 | 27.126 | 21.978 | 39.0 | 34.912 | 0.6 | 27.782 | 1.946 | 2.192 | 48.4 | 2.932 | 1.3 | -1.492 | 2.074 | -54.3 | 2.555 |
| 247792.7 | 842267.6 | 138.4 | 27.053 | 21.894 | 39.0 | 34.803 | 0.5 | 27.695 | 1.944 | 2.189 | 48.4 | 2.927 | 1.2 | -1.408 | 1.982 | -54.6 | 2.431 |
| 247792.0 | 842266.9 | 138.3 | 26.980 | 21.809 | 39.0 | 34.692 | 0.5 | 27.607 | 1.941 | 2.184 | 48.4 | 2.922 | 1.2 | -1.328 | 1.894 | -55.0 | 2.313 |
| 247791.3 | 842266.2 | 138.3 | 26.906 | 21.723 | 38.9 | 34.580 | 0.4 | 27.518 | 1.938 | 2.180 | 48.4 | 2.917 | 1.2 | -1.250 | 1.809 | -55.4 | 2.199 |
| 247790.6 | 842265.4 | 138.2 | 26.835 | 21.641 | 38.9 | 34.474 | 0.4 | 27.433 | 1.935 | 2.175 | 48.3 | 2.911 | 1.1 | -1.179 | 1.733 | -55.8 | 2.096 |
| 247789.9 | 842264.7 | 138.2 | 26.822 | 21.616 | 38.9 | 34.448 | 0.4 | 27.413 | 1.932 | 2.171 | 48.3 | 2.906 | 1.2 | -1.168 | 1.725 | -55.9 | 2.083 |
| 247789.2 | 842264.0 | 138.2 | 26.837 | 21.618 | 38.9 | 34.461 | 0.4 | 27.423 | 1.929 | 2.167 | 48.3 | 2.902 | 1.2 | -1.187 | 1.750 | -55.9 | 2.114 |
| 247788.5 | 842263.3 | 138.2 | 26.850 | 21.619 | 38.8 | 34.472 | 0.4 | 27.432 | 1.926 | 2.164 | 48.3 | 2.897 | 1.2 | -1.207 | 1.777 | -55.8 | 2.148 |
| 247787.8 | 842262.6 | 138.1 | 26.845 | 21.601 | 38.8 | 34.456 | 0.3 | 27.419 | 1.924 | 2.160 | 48.3 | 2.892 | 1.3 | -1.212 | 1.786 | -55.8 | 2.158 |
| 247787.1 | 842261.8 | 138.1 | 26.839 | 21.583 | 38.8 | 34.441 | 0.3 | 27.407 | 1.921 | 2.156 | 48.3 | 2.888 | 1.3 | -1.219 | 1.797 | -55.9 | 2.172 |
| 247786.4 | 842261.1 | 138.1 | 26.853 | 21.583 | 38.8 | 34.452 | 0.3 | 27.416 | 1.918 | 2.153 | 48.3 | 2.883 | 1.3 | -1.246 | 1.832 | -55.8 | 2.215 |
| 247785.7 | 842260.4 | 138.1 | 26.870 | 21.587 | 38.8 | 34.468 | 0.3 | 27.428 | 1.915 | 2.150 | 48.3 | 2.879 | 1.4 | -1.278 | 1.871 | -55.7 | 2.266 |
| 247785.0 | 842259.7 | 138.1 | 26.886 | 21.590 | 38.8 | 34.482 | 0.3 | 27.440 | 1.913 | 2.147 | 48.3 | 2.876 | 1.4 | -1.311 | 1.910 | -55.5 | 2.317 |
| 247784.3 | 842259.0 | 138.0 | 26.892 | 21.583 | 38.7 | 34.482 | 0.3 | 27.440 | 1.910 | 2.144 | 48.3 | 2.872 | 1.5 | -1.336 | 1.939 | -55.4 | 2.355 |
| 247783.6 | 842258.3 | 137.8 | 26.441 | 21.123 | 38.6 | 33.843 | 0.2 | 26.931 | 1.905 | 2.137 | 48.3 | 2.863 | 1.3 | -0.916 | 1.470 | -58.1 | 1.732 |
| 247782.9 | 842257.5 | 137.8 | 26.433 | 21.102 | 38.6 | 33.823 | 0.2 | 26.915 | 1.902 | 2.134 | 48.3 | 2.859 | 1.3 | -0.929 | 1.485 | -58.0 | 1.751 |
| 247782.2 | 842256.8 | 137.8 | 26.523 | 21.177 | 38.6 | 33.940 | 0.2 | 27.009 | 1.900 | 2.132 | 48.3 | 2.856 | 1.4 | -1.039 | 1.609 | -57.1 | 1.915 |
| 247781.5 | 842256.1 | 137.8 | 26.570 | 21.210 | 38.6 | 33.997 | 0.2 | 27.054 | 1.897 | 2.130 | 48.3 | 2.853 | 1.4 | -1.108 | 1.685 | -56.7 | 2.017 |
| 247780.8 | 842255.4 | 137.8 | 26.615 | 21.242 | 38.6 | 34.053 | 0.2 | 27.098 | 1.895 | 2.128 | 48.3 | 2.850 | 1.5 | -1.176 | 1.760 | -56.3 | 2.116 |
| 247780.1 | 842254.7 | 137.8 | 26.582 | 21.195 | 38.6 | 33.998 | 0.2 | 27.054 | 1.892 | 2.125 | 48.3 | 2.846 | 1.5 | -1.166 | 1.747 | -56.3 | 2.100 |
| 247779.4 | 842253.9 | 137.7 | 26.525 | 21.125 | 38.5 | 33.910 | 0.2 | 26.985 | 1.890 | 2.123 | 48.3 | 2.842 | 1.5 | -1.134 | 1.708 | -56.4 | 2.050 |
| 247778.7 | 842253.2 | 137.7 | 26.458 | 21.045 | 38.5 | 33.808 | 0.2 | 26.903 | 1.887 | 2.120 | 48.3 | 2.838 | 1.5 | -1.092 | 1.656 | -56.6 | 1.983 |
| 247778.0 | 842252.5 | 137.6 | 26.269 | 20.844 | 38.4 | 33.534 | 0.2 | 26.685 | 1.883 | 2.116 | 48.3 | 2.833 | 1.4 | -0.927 | 1.466 | -57.7 | 1.735 |
| 247777.4 | 842251.8 | 137.5 | 26.246 | 20.807 | 38.4 | 33.493 | 0.2 | 26.653 | 1.881 | 2.114 | 48.3 | 2.830 | 1.4 | -0.927 | 1.459 | -57.6 | 1.729 |
| 247776.7 | 842251.1 | 137.5 | 26.273 | 20.820 | 38.4 | 33.522 | 0.2 | 26.676 | 1.879 | 2.113 | 48.4 | 2.827 | 1.5 | -0.976 | 1.506 | -57.1 | 1.794 |
| 247776.0 | 842250.4 | 137.6 | 26.369 | 20.900 | 38.4 | 33.647 | 0.2 | 26.776 | 1.878 | 2.112 | 48.4 | 2.826 | 1.5 | -1.091 | 1.627 | -56.2 | 1.959 |
| 247775.3 | 842249.6 | 137.5 | 26.343 | 20.860 | 38.4 | 33.602 | 0.2 | 26.739 | 1.875 | 2.111 | 48.4 | 2.824 | 1.5 | -1.086 | 1.611 | -56.0 | 1.942 |
| 247774.6 | 842248.9 | 137.5 | 26.238 | 20.742 | 38.3 | 33.446 | 0.3 | 26.616 | 1.873 | 2.109 | 48.4 | 2.820 | 1.5 | -1.001 | 1.505 | -56.4 | 1.807 |
| 247773.9 | 842248.2 | 137.4 | 26.158 | 20.650 | 38.3 | 33.327 | 0.3 | 26.521 | 1.871 | 2.107 | 48.4 | 2.818 | 1.5 | -0.941 | 1.424 | -56.5 | 1.707 |
| 247773.2 | 842247.5 | 137.4 | 26.132 | 20.609 | 38.3 | 33.281 | 0.4 | 26.484 | 1.869 | 2.106 | 48.4 | 2.816 | 1.5 | -0.933 | 1.399 | -56.3 | 1.682 |
| 247772.5 | 842246.8 | 137.4 | 26.105 | 20.568 | 38.2 | 33.234 | 0.4 | 26.447 | 1.867 | 2.105 | 48.4 | 2.814 | 1.5 | -0.922 | 1.371 | -56.1 | 1.652 |
| 247771.8 | 842246.0 | 137.3 | 26.077 | 20.525 | 38.2 | 33.186 | 0.4 | 26.408 | 1.865 | 2.105 | 48.5 | 2.812 | 1.4 | -0.909 | 1.338 | -55.8 | 1.617 |
| 247771.1 | 842245.3 | 137.4 | 26.182 | 20.614 | 38.2 | 33.324 | 0.4 | 26.518 | 1.864 | 2.106 | 48.5 | 2.812 | 1.5 | -1.027 | 1.451 | -54.7 | 1.777 |
| 247770.4 | 842244.6 | 137.5 | 26.399 | 20.812 | 38.3 | 33.616 | 0.3 | 26.751 | 1.864 | 2.109 | 48.5 | 2.814 | 1.6 | -1.251 | 1.683 | -53.4 | 2.097 |
| 247769.7 | 842243.9 | 137.7 | 26.834 | 21.225 | 38.3 | 34.213 | 0.2 | 27.226 | 1.866 | 2.115 | 48.6 | 2.820 | 1.8 | -1.682 | 2.145 | -51.9 | 2.726 |
| 247769.0 | 842243.2 | 137.7 | 26.783 | 21.159 | 38.3 | 34.133 | 0.2 | 27.162 | 1.864 | 2.115 | 48.6 | 2.819 | 1.8 | -1.643 | 2.076 | -51.6 | 2.648 |
| 247768.3 | 842242.5 | 137.5 | 26.539 | 20.903 | 38.2 | 33.783 | 0.3 | 26.884 | 1.861 | 2.112 | 48.6 | 2.815 | 1.6 | -1.416 | 1.792 | -51.7 | 2.284 |
| 247767.6 | 842241.7 | 137.5 | 26.393 | 20.744 | 38.2 | 33.570 | 0.4 | 26.714 | 1.858 | 2.112 | 48.7 | 2.813 | 1.5 | -1.281 | 1.609 | -51.5 | 2.056 |
| 247766.9 | 842241.0 | 137.4 | 26.205 | 20.544 | 38.1 | 33.298 | 0.5 | 26.498 | 1.856 | 2.111 | 48.7 | 2.811 | 1.4 | -1.102 | 1.373 | -51.3 | 1.761 |
| 247766.2 | 842240.3 | 137.3 | 26.125 | 20.450 | 38.1 | 33.177 | 0.5 | 26.402 | 1.854 | 2.113 | 48.7 | 2.811 | 1.3 | -1.027 | 1.254 | -50.7 | 1.621 |
| 247765.5 | 842239.6 | 137.3 | 26.134 | 20.443 | 38.0 | 33.180 | 0.5 | 26.404 | 1.853 | 2.115 | 48.8 | 2.812 | 1.3 | -1.037 | 1.230 | -49.9 | 1.609 |
| 247764.8 | 842238.9 | 137.4 | 26.280 | 20.569 | 38.1 | 33.373 | 0.5 | 26.557 | 1.854 | 2.120 | 48.8 | 2.816 | 1.3 | -1.181 | 1.357 | -49.0 | 1.799 |
| 247764.1 | 842238.1 | 137.6 | 26.625 | 20.891 | 38.1 | 33.843 | 0.3 | 26.931 | 1.856 | 2.126 | 48.9 | 2.822 | 1.4 | -1.515 | 1.701 | -48.3 | 2.278 |
| 247763.4 | 842237.4 | 137.8 | 27.055 | 21.297 | 38.2 | 34.431 | 0.2 | 27.399 | 1.859 | 2.134 | 48.9 | 2.830 | 1.5 | -1.924 | 2.131 | -47.9 | 2.871 |
| 247762.7 | 842236.7 | 137.9 | 27.268 | 21.490 | 38.2 | 34.718 | 0.2 | 27.628 | 1.860 | 2.139 | 49.0 | 2.835 | 1.5 | -2.122 | 2.322 | -47.6 | 3.146 |
| 247762.0 | 842236.0 | 137.7 | 26.946 | 21.157 | 38.1 | 34.260 | 0.2 | 27.263 | 1.856 | 2.137 | 49.0 | 2.830 | 1.2 | -1.819 | 1.937 | -46.8 | 2.657 |
| 247761.3 | 842235.3 | 137.7 | 26.878 | 21.072 | 38.1 | 34.153 | 0.3 | 27.178 | 1.854 | 2.137 | 49.1 | 2.829 | 1.1 | -1.752 | 1.825 | -46.2 | 2.530 |
| 247760.6 | 842234.6 | 137.6 | 26.808 | 20.987 | 38.1 | 34.046 | 0.3 | 27.093 | 1.852 | 2.138 | 49.1 | 2.828 | 1.0 | -1.686 | 1.714 | -45.5 | 2.404 |
| 247760.0 | 842233.8 | 137.6 | 26.737 | 20.901 | 38.0 | 33.937 | 0.4 | 27.006 | 1.849 | 2.138 | 49.1 | 2.827 | 0.9 | -1.620 | 1.605 | -44.7 | 2.280 |
| 247759.3 | 842233.1 | 137.5 | 26.620 | 20.768 | 38.0 | 33.763 | 0.5 | 26.868 | 1.846 | 2.137 | 49.2 | 2.824 | 0.7 | -1.510 | 1.446 | -43.8 | 2.091 |
| 247758.6 | 842232.4 | 137.7 | 27.015 | 21.138 | 38.0 | 34.302 | 0.3 | 27.297 | 1.847 | 2.139 | 49.2 | 2.827 | 0.8 | -1.892 | 1.860 | -44.5 | 2.653 |
| 247757.9 | 842231.7 | 137.8 | 27.200 | 21.301 | 38.1 | 34.548 | 0.2 | 27.493 | 1.847 | 2.140 | 49.2 | 2.827 | 0.8 | -2.073 | 2.043 | -44.6 | 2.910 |
| 247757.2 | 842231.0 | 137.8 | 27.206 | 21.290 | 38.0 | 34.546 | 0.2 | 27.491 | 1.844 | 2.139 | 49.2 | 2.824 | 0.7 | -2.087 | 2.036 | -44.3 | 2.916 |
| 247756.5 | 842230.2 | 137.8 | 27.150 | 21.216 | 38.0 | 34.456 | 0.3 | 27.419 | 1.840 | 2.136 | 49.3 | 2.820 | 0.6 | -2.045 | 1.965 | -43.8 | 2.836 |

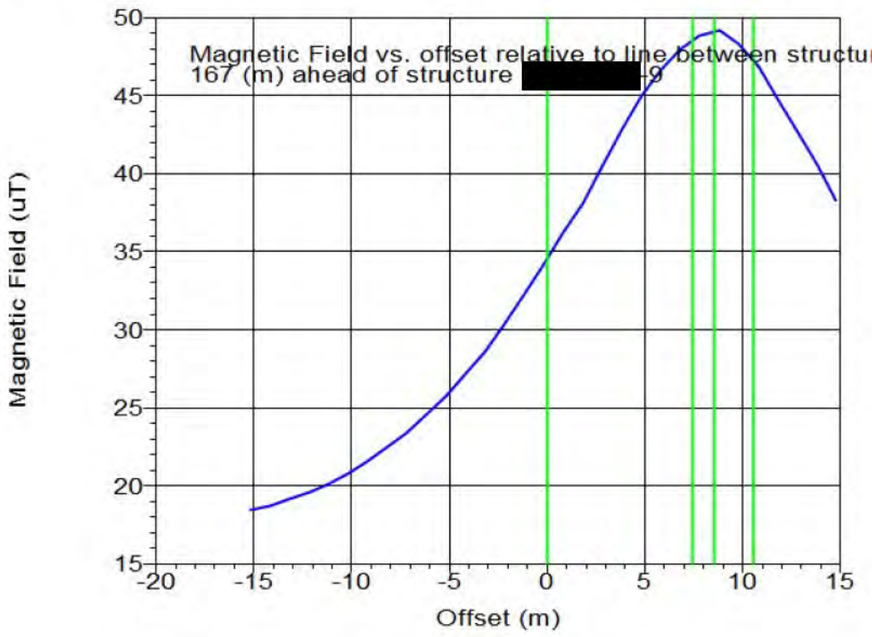
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247755.8 | 842229.5 | 137.8 | 27.087 | 21.137 | 38.0 | 34.358 | 0.3 | 27.341 | 1.836 | 2.134 | 49.3 | 2.815 | 0.5 | -2.000 | 1.892 | -43.4 | 2.754 |
| 247755.1 | 842228.8 | 137.6 | 26.643 | 20.685 | 37.8 | 33.730 | 0.6 | 26.841 | 1.829 | 2.128 | 49.3 | 2.806 | 0.4 | -1.595 | 1.401 | -41.3 | 2.123 |
| 247754.4 | 842228.1 | 137.6 | 26.731 | 20.753 | 37.8 | 33.842 | 0.5 | 26.931 | 1.826 | 2.126 | 49.3 | 2.803 | 0.4 | -1.698 | 1.507 | -41.6 | 2.270 |
| 247753.7 | 842227.4 | 137.7 | 26.846 | 20.847 | 37.8 | 33.990 | 0.5 | 27.048 | 1.823 | 2.124 | 49.4 | 2.800 | 0.4 | -1.828 | 1.647 | -42.0 | 2.461 |
| 247753.0 | 842226.7 | 137.6 | 26.786 | 20.770 | 37.8 | 33.895 | 0.6 | 26.973 | 1.819 | 2.121 | 49.4 | 2.794 | 0.4 | -1.796 | 1.599 | -41.7 | 2.405 |
| 247752.3 | 842225.9 | 137.6 | 26.721 | 20.688 | 37.7 | 33.793 | 0.6 | 26.892 | 1.814 | 2.117 | 49.4 | 2.788 | 0.4 | -1.762 | 1.554 | -41.4 | 2.349 |
| 247751.6 | 842225.2 | 137.7 | 26.873 | 20.818 | 37.8 | 33.993 | 0.6 | 27.051 | 1.811 | 2.113 | 49.4 | 2.783 | 0.4 | -1.938 | 1.759 | -42.2 | 2.617 |
| 247750.9 | 842224.5 | 137.4 | 26.335 | 20.276 | 37.6 | 33.236 | 0.9 | 26.448 | 1.801 | 2.105 | 49.5 | 2.770 | 0.6 | -1.462 | 1.201 | -39.4 | 1.892 |
| 247750.2 | 842223.8 | 137.5 | 26.494 | 20.412 | 37.6 | 33.445 | 0.8 | 26.615 | 1.796 | 2.098 | 49.4 | 2.762 | 0.5 | -1.655 | 1.437 | -41.0 | 2.192 |
| 247749.5 | 842223.1 | 137.5 | 26.388 | 20.291 | 37.6 | 33.287 | 0.9 | 26.489 | 1.788 | 2.089 | 49.4 | 2.750 | 0.6 | -1.600 | 1.385 | -40.9 | 2.116 |
| 247748.8 | 842222.4 | 137.4 | 26.193 | 20.083 | 37.5 | 33.006 | 1.0 | 26.266 | 1.779 | 2.078 | 49.4 | 2.736 | 0.7 | -1.463 | 1.242 | -40.3 | 1.919 |
| 247748.1 | 842221.6 | 137.4 | 26.197 | 20.068 | 37.5 | 33.000 | 1.0 | 26.261 | 1.771 | 2.067 | 49.4 | 2.722 | 0.7 | -1.521 | 1.333 | -41.2 | 2.023 |
| 247747.4 | 842220.9 | 137.4 | 26.201 | 20.053 | 37.4 | 32.994 | 1.0 | 26.256 | 1.763 | 2.055 | 49.4 | 2.708 | 0.7 | -1.582 | 1.434 | -42.2 | 2.135 |
| 247746.7 | 842220.2 | 137.4 | 26.204 | 20.037 | 37.4 | 32.987 | 1.1 | 26.250 | 1.755 | 2.043 | 49.3 | 2.693 | 0.6 | -1.645 | 1.540 | -43.1 | 2.253 |
| 247746.0 | 842219.5 | 137.5 | 26.304 | 20.114 | 37.4 | 33.113 | 1.0 | 26.350 | 1.748 | 2.032 | 49.3 | 2.680 | 0.6 | -1.799 | 1.757 | -44.3 | 2.515 |
| 247745.3 | 842218.8 | 137.6 | 26.447 | 20.232 | 37.4 | 33.299 | 1.0 | 26.498 | 1.742 | 2.022 | 49.3 | 2.669 | 0.5 | -1.993 | 2.022 | -45.4 | 2.839 |
| 247744.6 | 842218.0 | 137.6 | 26.444 | 20.209 | 37.4 | 33.282 | 1.0 | 26.485 | 1.735 | 2.011 | 49.2 | 2.656 | 0.5 | -2.048 | 2.127 | -46.1 | 2.953 |
| 247743.9 | 842217.3 | 137.4 | 26.179 | 19.935 | 37.3 | 32.905 | 1.2 | 26.185 | 1.724 | 1.997 | 49.2 | 2.638 | 0.5 | -1.861 | 1.949 | -46.3 | 2.695 |
| 247743.2 | 842216.6 | 137.3 | 25.878 | 19.628 | 37.2 | 32.479 | 1.4 | 25.846 | 1.713 | 1.983 | 49.2 | 2.620 | 0.6 | -1.636 | 1.728 | -46.6 | 2.380 |
| 247742.6 | 842215.9 | 137.1 | 25.538 | 19.284 | 37.1 | 32.001 | 1.6 | 25.466 | 1.703 | 1.969 | 49.1 | 2.603 | 0.6 | -1.370 | 1.459 | -46.8 | 2.001 |
| 247741.9 | 842215.2 | 136.9 | 25.157 | 18.904 | 36.9 | 31.468 | 1.8 | 25.041 | 1.693 | 1.956 | 49.1 | 2.587 | 0.7 | -1.058 | 1.135 | -47.0 | 1.552 |
| 247741.2 | 842214.5 | 136.9 | 25.060 | 18.793 | 36.9 | 31.323 | 1.9 | 24.926 | 1.687 | 1.948 | 49.1 | 2.577 | 0.7 | -1.011 | 1.119 | -47.9 | 1.509 |
| 247740.5 | 842213.7 | 136.8 | 24.966 | 18.685 | 36.8 | 31.183 | 2.0 | 24.815 | 1.681 | 1.942 | 49.1 | 2.568 | 0.7 | -0.963 | 1.099 | -48.8 | 1.461 |
| 247739.8 | 842213.0 | 136.8 | 24.903 | 18.607 | 36.8 | 31.087 | 2.0 | 24.738 | 1.677 | 1.937 | 49.1 | 2.561 | 0.8 | -0.939 | 1.104 | -49.6 | 1.450 |
| 247739.1 | 842212.3 | 136.9 | 24.973 | 18.654 | 36.8 | 31.171 | 2.0 | 24.805 | 1.674 | 1.934 | 49.1 | 2.558 | 0.8 | -1.036 | 1.247 | -50.3 | 1.622 |
| 247738.4 | 842211.6 | 136.9 | 25.044 | 18.701 | 36.7 | 31.256 | 2.0 | 24.873 | 1.672 | 1.933 | 49.1 | 2.556 | 0.9 | -1.128 | 1.381 | -50.8 | 1.783 |
| 247737.7 | 842210.9 | 136.9 | 25.034 | 18.672 | 36.7 | 31.230 | 2.1 | 24.852 | 1.669 | 1.932 | 49.2 | 2.553 | 0.9 | -1.136 | 1.414 | -51.2 | 1.814 |
| 247737.0 | 842210.1 | 137.0 | 25.119 | 18.732 | 36.7 | 31.334 | 2.0 | 24.935 | 1.668 | 1.932 | 49.2 | 2.553 | 0.9 | -1.228 | 1.542 | -51.5 | 1.972 |
| 247736.3 | 842209.4 | 137.0 | 25.108 | 18.702 | 36.7 | 31.308 | 2.1 | 24.914 | 1.666 | 1.932 | 49.2 | 2.552 | 1.0 | -1.224 | 1.556 | -51.8 | 1.980 |
| 247735.6 | 842208.7 | 136.9 | 24.948 | 18.533 | 36.6 | 31.079 | 2.2 | 24.732 | 1.663 | 1.931 | 49.3 | 2.548 | 1.0 | -1.076 | 1.399 | -52.5 | 1.765 |
| 247734.9 | 842208.0 | 137.0 | 24.975 | 18.538 | 36.6 | 31.103 | 2.2 | 24.751 | 1.663 | 1.932 | 49.3 | 2.549 | 1.0 | -1.096 | 1.436 | -52.7 | 1.807 |
| 247734.2 | 842207.3 | 137.0 | 24.906 | 18.454 | 36.5 | 30.998 | 2.3 | 24.667 | 1.661 | 1.933 | 49.3 | 2.549 | 0.9 | -1.022 | 1.362 | -53.1 | 1.703 |
| 247733.5 | 842206.6 | 137.0 | 24.917 | 18.444 | 36.5 | 31.001 | 2.3 | 24.670 | 1.661 | 1.935 | 49.4 | 2.550 | 0.9 | -1.018 | 1.366 | -53.3 | 1.704 |
| 247732.8 | 842205.8 | 137.1 | 25.009 | 18.510 | 36.5 | 31.114 | 2.3 | 24.759 | 1.662 | 1.939 | 49.4 | 2.553 | 0.9 | -1.085 | 1.452 | -53.2 | 1.812 |
| 247732.1 | 842205.1 | 137.1 | 25.041 | 18.520 | 36.5 | 31.146 | 2.3 | 24.785 | 1.662 | 1.941 | 49.4 | 2.555 | 0.9 | -1.093 | 1.466 | -53.3 | 1.828 |
| 247731.4 | 842204.4 | 137.1 | 25.072 | 18.528 | 36.5 | 31.175 | 2.3 | 24.808 | 1.662 | 1.944 | 49.5 | 2.558 | 0.9 | -1.094 | 1.473 | -53.4 | 1.835 |
| 247730.7 | 842203.7 | 137.2 | 25.091 | 18.525 | 36.4 | 31.188 | 2.3 | 24.819 | 1.662 | 1.947 | 49.5 | 2.560 | 0.8 | -1.082 | 1.462 | -53.5 | 1.818 |
| 247730.0 | 842203.0 | 137.2 | 25.131 | 18.541 | 36.4 | 31.230 | 2.4 | 24.852 | 1.663 | 1.950 | 49.6 | 2.563 | 0.8 | -1.086 | 1.469 | -53.5 | 1.827 |
| 247729.3 | 842202.2 | 137.2 | 25.042 | 18.438 | 36.4 | 31.097 | 2.4 | 24.747 | 1.662 | 1.952 | 49.6 | 2.563 | 0.8 | -0.969 | 1.333 | -54.0 | 1.648 |
| 247728.6 | 842201.5 | 137.3 | 25.113 | 18.483 | 36.4 | 31.182 | 2.4 | 24.814 | 1.662 | 1.955 | 49.6 | 2.566 | 0.7 | -0.999 | 1.368 | -53.9 | 1.694 |
| 247727.9 | 842200.8 | 137.3 | 25.112 | 18.461 | 36.3 | 31.168 | 2.5 | 24.802 | 1.662 | 1.958 | 49.7 | 2.568 | 0.7 | -0.960 | 1.323 | -54.0 | 1.634 |
| 247727.2 | 842200.1 | 137.3 | 25.167 | 18.491 | 36.3 | 31.230 | 2.5 | 24.852 | 1.662 | 1.961 | 49.7 | 2.570 | 0.6 | -0.972 | 1.337 | -54.0 | 1.653 |
| 247726.5 | 842199.4 | 137.4 | 25.235 | 18.533 | 36.3 | 31.309 | 2.5 | 24.915 | 1.662 | 1.963 | 49.7 | 2.573 | 0.6 | -0.996 | 1.365 | -53.9 | 1.689 |
| 247725.8 | 842198.7 | 137.5 | 25.332 | 18.600 | 36.3 | 31.427 | 2.5 | 25.009 | 1.662 | 1.966 | 49.8 | 2.574 | 0.6 | -1.047 | 1.423 | -53.7 | 1.767 |
| 247725.2 | 842197.9 | 137.6 | 25.501 | 18.735 | 36.3 | 31.643 | 2.4 | 25.181 | 1.663 | 1.969 | 49.8 | 2.577 | 0.6 | -1.163 | 1.561 | -53.3 | 1.947 |
| 247724.5 | 842197.2 | 137.7 | 25.681 | 18.878 | 36.3 | 31.873 | 2.4 | 25.364 | 1.662 | 1.972 | 49.9 | 2.579 | 0.6 | -1.291 | 1.695 | -52.7 | 2.131 |
| 247723.8 | 842196.5 | 137.9 | 25.921 | 19.077 | 36.4 | 32.184 | 2.3 | 25.611 | 1.663 | 1.975 | 49.9 | 2.582 | 0.6 | -1.470 | 1.909 | -52.4 | 2.409 |
| 247723.1 | 842195.8 | 138.0 | 26.031 | 19.156 | 36.3 | 32.320 | 2.3 | 25.719 | 1.662 | 1.975 | 49.9 | 2.582 | 0.6 | -1.535 | 1.987 | -52.3 | 2.511 |
| 247722.4 | 842195.1 | 138.0 | 26.095 | 19.192 | 36.3 | 32.392 | 2.3 | 25.777 | 1.660 | 1.975 | 50.0 | 2.580 | 0.6 | -1.562 | 2.020 | -52.3 | 2.554 |
| 247721.7 | 842194.3 | 138.1 | 26.138 | 19.209 | 36.3 | 32.437 | 2.3 | 25.813 | 1.657 | 1.974 | 50.0 | 2.577 | 0.6 | -1.574 | 2.036 | -52.3 | 2.573 |
| 247721.0 | 842193.6 | 138.1 | 26.129 | 19.177 | 36.3 | 32.411 | 2.3 | 25.792 | 1.653 | 1.971 | 50.0 | 2.572 | 0.6 | -1.543 | 2.001 | -52.4 | 2.527 |
| 247720.3 | 842192.9 | 138.1 | 26.120 | 19.145 | 36.2 | 32.384 | 2.4 | 25.771 | 1.648 | 1.968 | 50.1 | 2.567 | 0.6 | -1.515 | 1.970 | -52.4 | 2.485 |
| 247719.6 | 842192.2 | 138.2 | 26.110 | 19.113 | 36.2 | 32.358 | 2.4 | 25.750 | 1.643 | 1.965 | 50.1 | 2.561 | 0.6 | -1.491 | 1.945 | -52.5 | 2.450 |
| 247718.9 | 842191.5 | 138.2 | 26.139 | 19.116 | 36.2 | 32.383 | 2.5 | 25.769 | 1.638 | 1.961 | 50.1 | 2.555 | 0.7 | -1.503 | 1.964 | -52.6 | 2.473 |
| 247718.2 | 842190.8 | 138.2 | 26.136 | 19.089 | 36.1 | 32.365 | 2.5 | 25.755 | 1.632 | 1.957 | 50.2 | 2.548 | 0.7 | -1.493 | 1.955 | -52.6 | 2.460 |
| 247717.5 | 842190.0 | 138.3 | 26.131 | 19.062 | 36.1 | 32.345 | 2.5 | 25.739 | 1.626 | 1.952 | 50.2 | 2.540 | 0.7 | -1.485 | 1.950 | -52.7 | 2.451 |
| 247716.8 | 842189.3 | 138.3 | 26.133 | 19.039 | 36.1 | 32.333 | 2.6 | 25.730 | 1.620 | 1.947 | 50.2 | 2.532 | 0.7 | -1.486 | 1.956 | -52.8 | 2.456 |
| 247716.1 | 842188.6 | 138.4 | 26.153 | 19.034 | 36.0 | 32.346 | 2.6 | 25.740 | 1.613 | 1.941 | 50.3 | 2.524 | 0.7 | -1.507 | 1.986 | -52.8 | 2.493 |
| 247715.4 | 842187.9 | 138.4 | 26.230 | 19.080 | 36.0 | 32.436 | 2.6 | 25.812 | 1.607 | 1.936 | 50.3 | 2.516 | 0.8 | -1.579 | 2.080 | -52.8 | 2.612 |
| 247714.7 | 842187.2 | 138.5 | 26.255 | 19.079 | 36.0 | 32.455 | 2.6 | 25.827 | 1.600 | 1.930 | 50.3 | 2.507 | 0.8 | -1.611 | 2.125 | -52.8 | 2.666 |
| 247714.0 | 842186.4 | 138.5 | 26.163 | 18.971 | 35.9 | 32.318 | 2.7 | 25.718 | 1.590 | 1.922 | 50.4 | 2.494 | 0.8 | -1.548 | 2.055 | -53.0 | 2.573 |
| 247713.3 | 842185.7 | 138.5 | 26.164 | 18.947 | 35.9 | 32.304 | 2.8 | 25.707 | 1.582 | 1.915 | 50.4 | 2.484 | 0.9 | -1.567 | 2.085 | -53.1 | 2.608 |
| 247712.6 | 842185.0 | 138.5 | 26.158 | 18.918 | 35.9 | 32.282 | 2.8 | 25.689 | 1.573 | 1.908 | 50.5 | 2.473 | 0.9 | -1.582 | 2.111 | -53.1 | 2.638 |
| 247711.9 | 842184.3 | 138.5 | 26.081 | 18.824 | 35.8 | 32.164 | 2.9 | 25.595 | 1.563 | 1.899 | 50.5 | 2.460 | 0.9 | -1.542 | 2.069 | -53.3 | 2.581 |
| 247711.2 | 842183.6 | 138.5 | 26.003 | 18.730 | 35.8 | 32.046 | 3.0 | 25.502 | 1.553 | 1.891 | 50.6 | 2.446 | 0.9 | -1.505 | 2.031 | -53.5 | 2.528 |
| 247710.5 | 842182.9 | 138.5 | 25.912 | 18.624 | 35.7 | 31.911 | 3.1 | 25.394 | 1.542 | 1.882 | 50.7 | 2.433 | 0.9 | -1.459 | 1.984 | -53.7 | 2.462 |
| 247709.8 | 842182.1 | 138.5 | 25.820 | 18.518 | 35.6 | 31.774 | 3.2 | 25.285 | 1.531 | 1.873 | 50.7 | 2.419 | 1.0 | -1.415 | 1.938 | -53.9 | 2.400 |
| 247709.1 | 842181.4 | 138.6 | 25.980 | 18.636 | 35.7 | 31.973 | 3.2 | 25.443 | 1.525 | 1.868 | 50.8 | 2.411 | 1.1 | -1.576 | 2.144 | -53.7 | 2.661 |
| 247708.4 | 842180.7 | 138.7 | 26.013 | 18.642 | 35.6 | 32.003 | 3.2 | 25.467 | 1.516 | 1.861 | 50.8 | 2.401 | 1.1 | -1.635 | 2.226 | -53.7 | 2.762 |
| 247707.8 | 842180.0 | 138.7 | 25.852 | 18.474 | 35.5 | 31.774 | 3.3 | 25.285 | 1.504 | 1.851 | 50.9 | 2.385 | 1.1 | -1.542 | 2.118 | -54.0 | 2.620 |
| 247707.1 | 842179.3 | 138.6 | 25.726 | 18.338 | 35.5 | 31.593 | 3.5 | 25.141 | 1.492 | 1.842 | 51.0 | 2.370 | 1.1 | -1.477 | 2.048 | -54.2 | 2.525 |
| 247706.4 | 842178.6 | 138.7 | 25.743 | 18.329 | 35.5 | 31.602 | 3.5 | 25.148 | 1.483 | 1.835 | 51.1 | 2.359 | 1.2 | -1.527 | 2.119 | -54.2 | 2.612 |
| 247705.7 | 842177.8 | 138.7 | 25.673 | 18.243 | 35.4 | 31.494 | 3.6 | 25.062 | 1.472 | 1.826 | 51.1 | 2.346 | 1.2 | -1.509 | 2.106 | -54.4 | 2.591 |
| 247705.0 | 842177.1 | 138.7 | 25.601 | 18.156 | 35.3 | 31.385 | 3.7 | 24.975 | 1.461 | 1.818 | 51.2 | 2.332 | 1.3 | -1.490 | 2.094 | -54.6 | 2.570 |
| 247704.3 | 842176.4 | 138.7 | 25.521 | 18.061 | 35.3 | 31.265 | 3.8 | 24.880 | 1.450 | 1.809 | 51.3 | 2.318 | 1.3 | -1.466 | 2.075 | -54.8 | 2.541 |
| 247703.6 | 842175.7 | 138.7 | 25.425 | 17.954 | 35.2 | 31.125 | 3.9 | 24.769 | 1.438 | 1.799 | 51.4 | 2.303 | 1.3 | -1.432 | 2.044 | -55.0 | 2.495 |
| 247702.9 | 842175.0 | 138.7 | 25.328 | 17.846 | 35.2 | 30.984 | 4.0 | 24.656 | 1.426 | 1.790 | 51.5 | 2.288 | 1.4 | -1.397 | 2.012 | -55.2 | 2.450 |
| 247702.2 | 842174.2 | 138.7 | 25.227 | 17.735 | 35.1 | 30.837 | 4.1 | 24.539 | 1.414 | 1.780 | 51.5 | 2.273 | 1.4 | -1.359 | 1.978 | -55.5 | 2.400 |
| 247701.5 | 842173.5 | 138.7 | 25.087 | 17.590 | 35.0 | 30.639 | 4.2 | 24.382 | 1.401 | 1.770 | 51.6 | 2.257 | 1.4 | -1.292 | 1.908 | -55.9 | 2.304 |
| 247700.8 | 842172.8 | 138.6 | 24.946 | 17.446 | 35.0 | 30.441 | 4.4 | 24.224 | 1.387 | 1.759 | 51.7 | 2.240 | 1.3 | -1.225 | 1.838 | -56.3 | 2.209 |
| 247700.1 | 842172.1 | 138.6 | 24.804 | 17.301 | 34.9 | 30.242 | 4.5 | 24.066 | 1.374 | 1.748 | 51.8 | 2.223 | 1.3 | -1.158 | 1.768 | -56.8 | 2.114 |
| 247699.4 | 842171.4 | 138.6 | 24.633 | 17.133 | 34.8 | 30.005 | 4.7 | 23.878 | 1.360 | 1.737 | 51.9 | 2.206 | 1.3 | -1.070 | 1.671 | -57.4 | 1.984 |
| 247698.7 | 842170.7 | 138.5 | 24.316 | 16.842 | 34.7 | 29.579 | 4.9 | 23.538 | 1.344 | 1.724 | 52.1 | 2.186 | 1.1 | -0.873 | 1.433 | -58.7 | 1.678 |
| 247698.0 | 842169.9 | 138.4 | 24.200 | 16.723 | 34.6 | 29.416 | 5.0 | 23.409 | 1.331 | 1.714 | 52.2 | 2.170 | 1.0 | -0.825 | 1.388 | -59.3 | 1.615 |
| 247697.3 | 842169.2 | 138.4 | 24.052 | 16.577 | 34.6 | 29.211 | 5.2 | 23.245 | 1.318 | 1.703 | 52.3 | 2.154 | 1.0 | -0.753 | 1.310 | -60.1 | 1.511 |
| 247696.6 | 842168.5 | 138.3 | 23.804 | 16.348 | 34.5 | 28.878 | 5.3 | 22.980 | 1.304 | 1.692 | 52.4 | 2.136 | 0.8 | -0.606 | 1.135 | -61.9 | 1.287 |
| 247695.9 | 842167.8 | 138.4 | 23.732 | 16.267 | 34.4 | 28.772 | 5.4 | 22.896 | 1.292 | 1.684 | 52.5 | 2.122 | 0.8 | -0.587 | 1.126 | -62.5 | 1.269 |

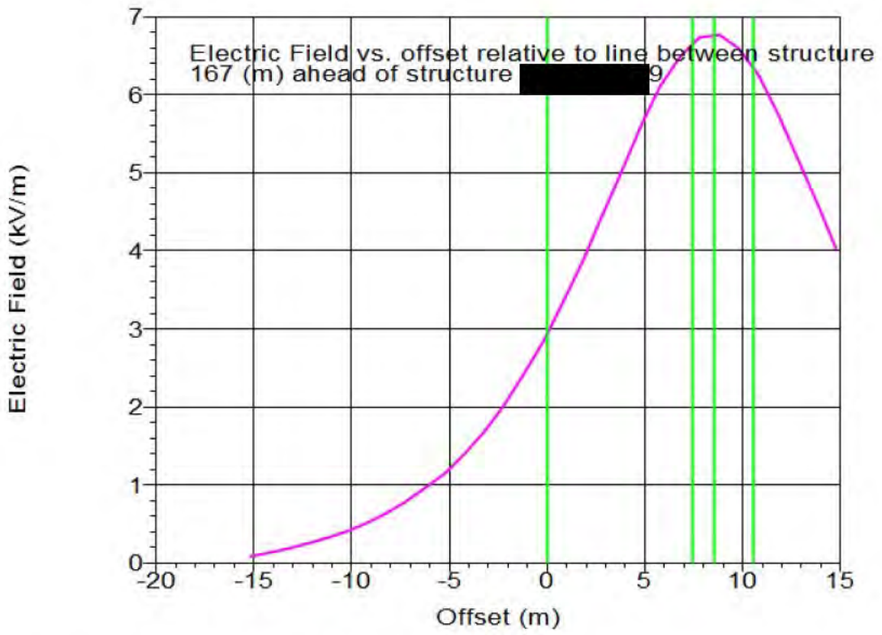
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247695.2 | 842167.1 | 138.4 | 23.703 | 16.222 | 34.4 | 28.723 | 5.5 | 22.857 | 1.282 | 1.676 | 52.6 | 2.110 | 0.9 | -0.598 | 1.155 | -62.6 | 1.300 |
| 247694.5 | 842166.3 | 138.4 | 23.700 | 16.200 | 34.4 | 28.708 | 5.6 | 22.845 | 1.272 | 1.670 | 52.7 | 2.099 | 1.0 | -0.624 | 1.205 | -62.6 | 1.357 |
| 247693.8 | 842165.6 | 138.5 | 23.698 | 16.177 | 34.3 | 28.694 | 5.6 | 22.834 | 1.263 | 1.664 | 52.8 | 2.089 | 1.0 | -0.647 | 1.250 | -62.6 | 1.407 |
| 247693.1 | 842164.9 | 138.6 | 23.676 | 16.138 | 34.3 | 28.653 | 5.7 | 22.801 | 1.254 | 1.659 | 52.9 | 2.079 | 1.1 | -0.653 | 1.271 | -62.8 | 1.429 |
| 247692.4 | 842164.2 | 138.6 | 23.627 | 16.078 | 34.2 | 28.578 | 5.8 | 22.742 | 1.244 | 1.654 | 53.0 | 2.069 | 1.2 | -0.637 | 1.262 | -63.2 | 1.414 |
| 247691.7 | 842163.5 | 138.6 | 23.576 | 16.016 | 34.2 | 28.501 | 5.9 | 22.681 | 1.235 | 1.649 | 53.2 | 2.060 | 1.2 | -0.617 | 1.248 | -63.7 | 1.392 |
| 247691.0 | 842162.8 | 138.6 | 23.395 | 15.848 | 34.1 | 28.257 | 6.1 | 22.486 | 1.224 | 1.644 | 53.3 | 2.049 | 1.2 | -0.505 | 1.107 | -65.5 | 1.217 |
| 247690.3 | 842162.0 | 138.5 | 23.206 | 15.675 | 34.0 | 28.004 | 6.2 | 22.284 | 1.213 | 1.639 | 53.5 | 2.038 | 1.0 | -0.386 | 0.955 | -68.0 | 1.030 |
| 247689.7 | 842161.3 | 138.6 | 23.283 | 15.718 | 34.0 | 28.092 | 6.3 | 22.355 | 1.206 | 1.637 | 53.6 | 2.033 | 1.3 | -0.449 | 1.049 | -66.8 | 1.141 |
| 247689.0 | 842160.6 | 138.7 | 23.360 | 15.760 | 34.0 | 28.179 | 6.3 | 22.424 | 1.199 | 1.636 | 53.8 | 2.028 | 1.5 | -0.508 | 1.137 | -65.9 | 1.246 |
| 247688.3 | 842159.9 | 138.9 | 23.435 | 15.801 | 34.0 | 28.265 | 6.3 | 22.492 | 1.193 | 1.635 | 53.9 | 2.024 | 1.8 | -0.564 | 1.222 | -65.2 | 1.346 |
| 247687.6 | 842159.2 | 138.8 | 23.265 | 15.645 | 33.9 | 28.036 | 6.5 | 22.310 | 1.181 | 1.631 | 54.1 | 2.014 | 1.7 | -0.456 | 1.078 | -67.1 | 1.171 |
| 247686.9 | 842158.4 | 138.8 | 23.030 | 15.438 | 33.8 | 27.726 | 6.7 | 22.064 | 1.169 | 1.627 | 54.3 | 2.003 | 1.6 | -0.307 | 0.874 | -70.6 | 0.926 |
| 247686.2 | 842157.7 | 138.7 | 22.839 | 15.266 | 33.8 | 27.471 | 6.8 | 21.861 | 1.158 | 1.623 | 54.5 | 1.994 | 1.5 | -0.188 | 0.709 | -75.2 | 0.733 |
| 247685.5 | 842157.0 | 138.9 | 23.083 | 15.442 | 33.8 | 27.772 | 6.8 | 22.100 | 1.152 | 1.623 | 54.6 | 1.991 | 2.1 | -0.356 | 0.949 | -69.4 | 1.013 |
| 247684.8 | 842156.3 | 139.0 | 23.125 | 15.456 | 33.8 | 27.815 | 6.8 | 22.134 | 1.144 | 1.621 | 54.8 | 1.984 | 2.3 | -0.391 | 1.002 | -68.7 | 1.075 |
| 247684.1 | 842155.6 | 139.1 | 23.120 | 15.434 | 33.7 | 27.798 | 6.9 | 22.121 | 1.134 | 1.618 | 55.0 | 1.976 | 2.5 | -0.398 | 1.014 | -68.6 | 1.089 |
| 247683.4 | 842154.9 | 139.1 | 23.108 | 15.405 | 33.7 | 27.772 | 7.0 | 22.101 | 1.124 | 1.614 | 55.2 | 1.967 | 2.8 | -0.403 | 1.023 | -68.5 | 1.099 |
| 247682.7 | 842154.1 | 139.2 | 23.095 | 15.376 | 33.7 | 27.745 | 7.1 | 22.079 | 1.113 | 1.610 | 55.3 | 1.957 | 3.0 | -0.409 | 1.033 | -68.4 | 1.111 |
| 247682.0 | 842153.4 | 139.3 | 23.186 | 15.429 | 33.6 | 27.850 | 7.1 | 22.162 | 1.104 | 1.606 | 55.5 | 1.948 | 3.4 | -0.482 | 1.143 | -67.2 | 1.240 |
| 247681.3 | 842152.7 | 139.5 | 23.354 | 15.542 | 33.6 | 28.053 | 7.1 | 22.323 | 1.097 | 1.602 | 55.6 | 1.941 | 4.0 | -0.601 | 1.323 | -65.6 | 1.454 |
| 247680.6 | 842152.0 | 139.6 | 23.327 | 15.502 | 33.6 | 28.009 | 7.2 | 22.289 | 1.084 | 1.595 | 55.8 | 1.929 | 4.3 | -0.607 | 1.336 | -65.6 | 1.467 |
| 247679.9 | 842151.3 | 139.6 | 23.307 | 15.467 | 33.6 | 27.973 | 7.2 | 22.260 | 1.072 | 1.588 | 56.0 | 1.916 | 4.6 | -0.620 | 1.359 | -65.5 | 1.494 |
| 247679.2 | 842150.5 | 139.7 | 23.296 | 15.440 | 33.5 | 27.948 | 7.3 | 22.240 | 1.059 | 1.581 | 56.2 | 1.903 | 4.9 | -0.641 | 1.396 | -65.3 | 1.536 |
| 247678.5 | 842149.8 | 139.8 | 23.271 | 15.402 | 33.5 | 27.907 | 7.4 | 22.207 | 1.046 | 1.573 | 56.4 | 1.889 | 5.3 | -0.659 | 1.426 | -65.2 | 1.571 |
| 247677.8 | 842149.1 | 139.8 | 23.205 | 15.332 | 33.5 | 27.813 | 7.5 | 22.133 | 1.031 | 1.563 | 56.6 | 1.873 | 5.5 | -0.656 | 1.426 | -65.3 | 1.570 |
| 247677.1 | 842148.4 | 139.8 | 23.111 | 15.241 | 33.4 | 27.685 | 7.7 | 22.031 | 1.015 | 1.553 | 56.8 | 1.855 | 5.8 | -0.643 | 1.408 | -65.5 | 1.548 |
| 247676.4 | 842147.7 | 139.8 | 22.897 | 15.058 | 33.3 | 27.405 | 7.9 | 21.808 | 0.994 | 1.541 | 57.2 | 1.834 | 5.8 | -0.568 | 1.293 | -66.3 | 1.412 |
| 247675.7 | 842147.0 | 139.8 | 22.856 | 15.010 | 33.3 | 27.344 | 8.0 | 21.760 | 0.980 | 1.531 | 57.4 | 1.818 | 6.1 | -0.592 | 1.332 | -66.0 | 1.458 |
| 247675.0 | 842146.2 | 139.9 | 22.811 | 14.958 | 33.3 | 27.278 | 8.1 | 21.707 | 0.964 | 1.521 | 57.6 | 1.801 | 6.5 | -0.617 | 1.373 | -65.8 | 1.505 |
| 247674.3 | 842145.5 | 140.0 | 22.762 | 14.904 | 33.2 | 27.207 | 8.2 | 21.651 | 0.949 | 1.510 | 57.9 | 1.784 | 6.9 | -0.642 | 1.414 | -65.6 | 1.553 |
| 247673.6 | 842144.8 | 140.0 | 22.709 | 14.847 | 33.2 | 27.132 | 8.3 | 21.591 | 0.934 | 1.499 | 58.1 | 1.766 | 7.4 | -0.668 | 1.457 | -65.4 | 1.603 |
| 247672.9 | 842144.1 | 140.1 | 22.652 | 14.787 | 33.1 | 27.051 | 8.4 | 21.527 | 0.918 | 1.488 | 58.3 | 1.748 | 7.8 | -0.693 | 1.500 | -65.2 | 1.653 |
| 247672.3 | 842143.4 | 140.1 | 22.593 | 14.726 | 33.1 | 26.968 | 8.5 | 21.461 | 0.903 | 1.476 | 58.6 | 1.731 | 8.3 | -0.720 | 1.546 | -65.0 | 1.706 |
| 247671.6 | 842142.6 | 140.1 | 22.413 | 14.575 | 33.0 | 26.736 | 8.7 | 21.276 | 0.882 | 1.463 | 58.9 | 1.709 | 8.5 | -0.692 | 1.497 | -65.2 | 1.650 |
| 247670.9 | 842141.9 | 140.1 | 22.296 | 14.472 | 33.0 | 26.581 | 8.8 | 21.152 | 0.864 | 1.451 | 59.2 | 1.689 | 8.8 | -0.697 | 1.504 | -65.1 | 1.657 |
| 247670.2 | 842141.2 | 140.1 | 22.158 | 14.354 | 32.9 | 26.401 | 9.0 | 21.009 | 0.845 | 1.437 | 59.5 | 1.668 | 9.2 | -0.695 | 1.497 | -65.1 | 1.651 |
| 247669.5 | 842140.5 | 140.0 | 21.784 | 14.062 | 32.8 | 25.928 | 9.3 | 20.633 | 0.816 | 1.421 | 60.1 | 1.639 | 8.8 | -0.590 | 1.303 | -65.6 | 1.430 |
| 247668.8 | 842139.8 | 139.9 | 21.421 | 13.782 | 32.8 | 25.472 | 9.6 | 20.270 | 0.788 | 1.405 | 60.7 | 1.611 | 8.5 | -0.497 | 1.121 | -66.1 | 1.226 |
| 247668.1 | 842139.1 | 140.0 | 21.423 | 13.770 | 32.7 | 25.467 | 9.6 | 20.266 | 0.774 | 1.393 | 60.9 | 1.593 | 9.2 | -0.567 | 1.242 | -65.5 | 1.365 |
| 247667.4 | 842138.3 | 140.1 | 21.399 | 13.739 | 32.7 | 25.430 | 9.7 | 20.237 | 0.760 | 1.380 | 61.1 | 1.576 | 9.9 | -0.625 | 1.344 | -65.1 | 1.482 |
| 247666.7 | 842137.6 | 140.1 | 21.262 | 13.627 | 32.7 | 25.254 | 9.9 | 20.097 | 0.742 | 1.366 | 61.5 | 1.554 | 10.3 | -0.636 | 1.357 | -64.9 | 1.499 |
| 247666.0 | 842136.9 | 140.0 | 20.946 | 13.386 | 32.6 | 24.858 | 10.2 | 19.781 | 0.714 | 1.349 | 62.1 | 1.527 | 10.1 | -0.577 | 1.230 | -64.9 | 1.359 |
| 247665.3 | 842136.2 | 140.0 | 20.706 | 13.202 | 32.5 | 24.556 | 10.4 | 19.541 | 0.690 | 1.333 | 62.6 | 1.502 | 10.1 | -0.552 | 1.167 | -64.7 | 1.291 |
| 247664.6 | 842135.5 | 140.0 | 20.633 | 13.139 | 32.5 | 24.461 | 10.5 | 19.466 | 0.675 | 1.320 | 62.9 | 1.482 | 10.8 | -0.593 | 1.240 | -64.4 | 1.375 |
| 247663.9 | 842134.8 | 140.0 | 20.509 | 13.039 | 32.4 | 24.303 | 10.7 | 19.340 | 0.657 | 1.305 | 63.3 | 1.461 | 11.2 | -0.614 | 1.273 | -64.2 | 1.414 |
| 247663.2 | 842134.0 | 140.1 | 20.358 | 12.921 | 32.4 | 24.112 | 10.8 | 19.188 | 0.638 | 1.290 | 63.7 | 1.439 | 11.6 | -0.625 | 1.286 | -64.1 | 1.430 |
| 247662.5 | 842133.3 | 140.1 | 20.205 | 12.803 | 32.4 | 23.920 | 11.0 | 19.035 | 0.619 | 1.275 | 64.1 | 1.417 | 12.0 | -0.635 | 1.299 | -63.9 | 1.446 |
| 247661.8 | 842132.6 | 140.1 | 20.052 | 12.685 | 32.3 | 23.727 | 11.2 | 18.881 | 0.600 | 1.260 | 64.5 | 1.396 | 12.4 | -0.644 | 1.311 | -63.8 | 1.460 |
| 247661.1 | 842131.9 | 140.1 | 19.864 | 12.544 | 32.3 | 23.494 | 11.4 | 18.696 | 0.580 | 1.245 | 65.0 | 1.373 | 12.6 | -0.642 | 1.296 | -63.7 | 1.446 |
| 247660.4 | 842131.2 | 140.0 | 19.626 | 12.369 | 32.2 | 23.198 | 11.6 | 18.460 | 0.557 | 1.229 | 65.6 | 1.349 | 12.6 | -0.622 | 1.241 | -63.4 | 1.388 |
| 247659.7 | 842130.4 | 140.0 | 19.394 | 12.199 | 32.2 | 22.912 | 11.8 | 18.233 | 0.534 | 1.214 | 66.2 | 1.326 | 12.6 | -0.604 | 1.190 | -63.1 | 1.335 |
| 247659.0 | 842129.7 | 140.0 | 19.162 | 12.031 | 32.1 | 22.626 | 12.0 | 18.005 | 0.512 | 1.198 | 66.9 | 1.303 | 12.6 | -0.585 | 1.137 | -62.8 | 1.279 |
| 247658.3 | 842129.0 | 139.9 | 18.927 | 11.862 | 32.1 | 22.337 | 12.3 | 17.775 | 0.490 | 1.184 | 67.5 | 1.281 | 12.5 | -0.565 | 1.079 | -62.4 | 1.218 |
| 247657.6 | 842128.3 | 139.9 | 18.766 | 11.745 | 32.0 | 22.138 | 12.5 | 17.617 | 0.472 | 1.171 | 68.0 | 1.262 | 12.7 | -0.562 | 1.074 | -62.4 | 1.212 |
| 247656.9 | 842127.6 | 140.0 | 18.628 | 11.644 | 32.0 | 21.968 | 12.6 | 17.482 | 0.457 | 1.158 | 68.5 | 1.245 | 13.1 | -0.563 | 1.081 | -62.5 | 1.219 |
| 247656.2 | 842126.9 | 140.0 | 18.489 | 11.544 | 32.0 | 21.797 | 12.8 | 17.346 | 0.442 | 1.147 | 68.9 | 1.229 | 13.5 | -0.558 | 1.083 | -62.7 | 1.218 |
| 247655.5 | 842126.1 | 139.9 | 18.241 | 11.370 | 31.9 | 21.494 | 13.0 | 17.104 | 0.420 | 1.134 | 69.7 | 1.210 | 13.2 | -0.523 | 0.996 | -62.3 | 1.125 |
| 247654.9 | 842125.4 | 139.9 | 17.999 | 11.202 | 31.9 | 21.200 | 13.3 | 16.871 | 0.399 | 1.122 | 70.4 | 1.191 | 12.8 | -0.487 | 0.910 | -61.8 | 1.032 |
| 247654.2 | 842124.7 | 139.9 | 17.795 | 11.060 | 31.9 | 20.952 | 13.5 | 16.673 | 0.381 | 1.112 | 71.1 | 1.175 | 12.7 | -0.456 | 0.845 | -61.6 | 0.960 |
| 247653.5 | 842124.0 | 139.8 | 17.512 | 10.866 | 31.8 | 20.609 | 13.7 | 16.400 | 0.358 | 1.101 | 72.0 | 1.158 | 11.9 | -0.404 | 0.713 | -60.5 | 0.820 |
| 247652.8 | 842123.3 | 139.7 | 17.251 | 10.689 | 31.8 | 20.295 | 14.0 | 16.150 | 0.337 | 1.091 | 72.8 | 1.142 | 11.1 | -0.354 | 0.591 | -59.1 | 0.689 |
| 247652.1 | 842122.5 | 139.7 | 17.041 | 10.547 | 31.8 | 20.041 | 14.2 | 15.948 | 0.320 | 1.083 | 73.5 | 1.129 | 10.7 | -0.311 | 0.499 | -58.1 | 0.588 |
| 247651.4 | 842121.8 | 139.7 | 16.880 | 10.438 | 31.7 | 19.847 | 14.4 | 15.793 | 0.306 | 1.077 | 74.1 | 1.120 | 10.6 | -0.272 | 0.437 | -58.1 | 0.515 |
| 247650.7 | 842121.1 | 139.8 | 16.719 | 10.329 | 31.7 | 19.652 | 14.6 | 15.639 | 0.293 | 1.071 | 74.7 | 1.111 | 10.5 | -0.228 | 0.366 | -58.0 | 0.432 |
| 247650.0 | 842120.4 | 139.7 | 16.492 | 10.178 | 31.7 | 19.380 | 14.8 | 15.422 | 0.276 | 1.066 | 75.5 | 1.101 | 9.7 | -0.168 | 0.237 | -54.6 | 0.290 |
| 247649.3 | 842119.7 | 139.8 | 16.417 | 10.129 | 31.7 | 19.290 | 15.0 | 15.350 | 0.270 | 1.063 | 75.8 | 1.097 | 10.2 | -0.129 | 0.215 | -59.1 | 0.251 |
| 247648.6 | 842119.0 | 139.9 | 16.340 | 10.078 | 31.7 | 19.198 | 15.1 | 15.278 | 0.264 | 1.062 | 76.0 | 1.094 | 10.6 | -0.084 | 0.185 | -65.7 | 0.203 |
| 247647.9 | 842118.2 | 139.9 | 16.269 | 10.031 | 31.7 | 19.112 | 15.3 | 15.209 | 0.258 | 1.061 | 76.3 | 1.092 | 11.1 | -0.033 | 0.149 | -77.5 | 0.153 |
| 247647.2 | 842117.5 | 139.9 | 15.975 | 9.840 | 31.6 | 18.762 | 15.6 | 14.930 | 0.238 | 1.058 | 77.3 | 1.085 | 9.5 | 0.054 | -0.064 | -49.8 | 0.084 |
| 247646.5 | 842116.8 | 139.8 | 15.671 | 9.643 | 31.6 | 18.400 | 15.8 | 14.642 | 0.219 | 1.056 | 78.3 | 1.079 | 7.7 | 0.145 | -0.296 | -63.9 | 0.329 |
| 247645.8 | 842116.1 | 139.9 | 15.656 | 9.635 | 31.6 | 18.383 | 16.0 | 14.629 | 0.217 | 1.059 | 78.4 | 1.081 | 8.5 | 0.200 | -0.308 | -57.0 | 0.367 |
| 247645.1 | 842115.4 | 140.1 | 15.691 | 9.660 | 31.6 | 18.426 | 16.1 | 14.663 | 0.219 | 1.062 | 78.4 | 1.084 | 9.7 | 0.253 | -0.287 | -48.6 | 0.382 |
| 247644.4 | 842114.6 | 140.3 | 15.774 | 9.715 | 31.6 | 18.526 | 16.2 | 14.742 | 0.225 | 1.066 | 78.1 | 1.089 | 11.3 | 0.305 | -0.235 | -37.6 | 0.385 |
| 247643.7 | 842113.9 | 140.4 | 15.767 | 9.714 | 31.6 | 18.519 | 16.3 | 14.737 | 0.225 | 1.069 | 78.1 | 1.093 | 12.0 | 0.371 | -0.257 | -34.7 | 0.452 |
| 247643.0 | 842113.2 | 140.5 | 15.739 | 9.698 | 31.6 | 18.487 | 16.5 | 14.712 | 0.224 | 1.073 | 78.2 | 1.096 | 12.5 | 0.442 | -0.300 | -34.2 | 0.534 |
| 247642.3 | 842112.5 | 140.9 | 16.094 | 9.930 | 31.7 | 18.911 | 16.4 | 15.049 | 0.257 | 1.080 | 76.6 | 1.110 | 16.5 | 0.476 | -0.052 | -6.3 | 0.478 |
| 247641.6 | 842111.8 | 141.0 | 16.065 | 9.914 | 31.7 | 18.878 | 16.6 | 15.023 | 0.257 | 1.083 | 76.7 | 1.113 | 16.9 | 0.551 | -0.100 | -10.3 | 0.560 |
| 247640.9 | 842111.1 | 141.2 | 16.154 | 9.975 | 31.7 | 18.985 | 16.7 | 15.108 | 0.268 | 1.088 | 76.2 | 1.120 | 18.4 | 0.616 | -0.060 | -5.6 | 0.619 |
| 247640.2 | 842110.3 | 141.4 | 16.186 | 9.999 | 31.7 | 19.025 | 16.8 | 15.140 | 0.274 | 1.091 | 75.9 | 1.125 | 19.4 | 0.686 | -0.063 | -5.2 | 0.689 |
| 247639.5 | 842109.6 | 141.6 | 16.202 | 10.014 | 31.7 | 19.047 | 17.0 | 15.157 | 0.278 | 1.094 | 75.7 | 1.129 | 20.2 | 0.758 | -0.077 | -5.8 | 0.762 |
| 247638.8 | 842108.9 | 141.7 | 16.149 | 9.985 | 31.7 | 18.986 | 17.1 | 15.109 | 0.275 | 1.097 | 75.9 | 1.131 | 20.4 | 0.833 | -0.142 | -9.6 | 0.845 |
| 247638.1 | 842108.2 | 141.8 | 16.067 | 9.938 | 31.7 | 18.892 | 17.4 | 15.034 | 0.269 | 1.098 | 76.2 | 1.131 | 20.3 | 0.909 | -0.226 | -14.0 | 0.936 |
| 247637.5 | 842107.5 | 142.0 | 16.253 | 10.063 | 31.8 | 19.116 | 17.4 | 15.212 | 0.293 | 1.101 | 75.1 | 1.140 | 22.8 | 0.963 | -0.105 | -6.2 | 0.969 |
| 247636.8 | 842106.7 | 142.4 | 16.579 | 10.277 | 31.8 | 19.506 | 17.4 | 15.523 | 0.333 | 1.106 | 73.2 | 1.155 | 26.5 | 1.008 | 0.120 | 6.8 | 1.015 |
| 247636.1 | 842106.0 | 142.9 | 17.059 | 10.590 | 31.8 | 20.079 | 17.4 | 15.978 | 0.391 | 1.112 | 70.6 | 1.179 | 31.3 | 1.045 | 0.451 | 23.4 | 1.138 |
| 247635.4 | 842105.3 | 143.2 | 17.275 | 10.734 | 31.9 | 20.339 | 17.4 | 16.185 | 0.420 | 1.115 | 69.4 | 1.191 | 33.8 | 1.097 | 0.594 | 28.4 | 1.248 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247634.7 | 842104.6 | 143.3 | 17.330 | 10.777 | 31.9 | 20.407 | 17.6 | 16.240 | 0.431 | 1.115 | 68.8 | 1.195 | 35.2 | 1.157 | 0.628 | 28.5 | 1.317 |
| 247634.0 | 842103.9 | 143.3 | 17.024 | 10.591 | 31.9 | 20.049 | 17.9 | 15.955 | 0.404 | 1.109 | 70.0 | 1.181 | 33.7 | 1.228 | 0.419 | 18.8 | 1.298 |
| 247633.3 | 842103.2 | 143.2 | 16.727 | 10.412 | 31.9 | 19.703 | 18.3 | 15.679 | 0.377 | 1.104 | 71.2 | 1.166 | 32.1 | 1.292 | 0.219 | 9.6 | 1.310 |
| 247632.6 | 842102.4 | 143.2 | 16.505 | 10.281 | 31.9 | 19.445 | 18.6 | 15.474 | 0.358 | 1.099 | 72.0 | 1.156 | 31.1 | 1.347 | 0.073 | 3.1 | 1.349 |
| 247631.9 | 842101.7 | 143.4 | 16.451 | 10.258 | 31.9 | 19.387 | 18.8 | 15.428 | 0.359 | 1.096 | 71.8 | 1.153 | 31.6 | 1.392 | 0.055 | 2.2 | 1.393 |
| 247631.2 | 842101.0 | 143.5 | 16.399 | 10.237 | 32.0 | 19.332 | 19.0 | 15.384 | 0.361 | 1.091 | 71.7 | 1.150 | 32.2 | 1.433 | 0.043 | 1.7 | 1.434 |
| 247630.5 | 842100.3 | 143.6 | 16.312 | 10.194 | 32.0 | 19.236 | 19.3 | 15.307 | 0.360 | 1.087 | 71.7 | 1.145 | 32.5 | 1.471 | 0.010 | 0.4 | 1.471 |
| 247629.8 | 842099.6 | 143.6 | 16.234 | 10.158 | 32.0 | 19.150 | 19.5 | 15.239 | 0.360 | 1.082 | 71.6 | 1.140 | 32.8 | 1.505 | -0.012 | -0.5 | 1.505 |
| 247629.1 | 842098.8 | 143.7 | 16.153 | 10.120 | 32.1 | 19.061 | 19.8 | 15.168 | 0.360 | 1.076 | 71.5 | 1.135 | 33.2 | 1.535 | -0.032 | -1.2 | 1.535 |
| 247628.4 | 842098.1 | 143.9 | 16.172 | 10.147 | 32.1 | 19.092 | 20.0 | 15.193 | 0.372 | 1.071 | 70.9 | 1.134 | 34.5 | 1.563 | 0.023 | 0.8 | 1.563 |
| 247627.7 | 842097.4 | 144.0 | 16.153 | 10.149 | 32.1 | 19.077 | 20.2 | 15.181 | 0.379 | 1.066 | 70.4 | 1.132 | 35.5 | 1.588 | 0.052 | 1.9 | 1.589 |
| 247627.0 | 842096.7 | 144.0 | 16.024 | 10.081 | 32.2 | 18.931 | 20.5 | 15.065 | 0.374 | 1.060 | 70.6 | 1.124 | 35.3 | 1.607 | 0.003 | 0.1 | 1.607 |
| 247626.3 | 842096.0 | 144.0 | 15.920 | 10.030 | 32.2 | 18.817 | 20.8 | 14.974 | 0.372 | 1.054 | 70.6 | 1.117 | 35.3 | 1.623 | -0.028 | -1.0 | 1.624 |
| 247625.6 | 842095.3 | 144.1 | 15.829 | 9.987 | 32.2 | 18.716 | 21.0 | 14.894 | 0.371 | 1.048 | 70.5 | 1.112 | 35.3 | 1.637 | -0.051 | -1.8 | 1.638 |
| 247624.9 | 842094.5 | 144.1 | 15.744 | 9.946 | 32.3 | 18.623 | 21.3 | 14.819 | 0.370 | 1.043 | 70.5 | 1.106 | 35.3 | 1.647 | -0.073 | -2.5 | 1.649 |
| 247624.2 | 842093.8 | 144.2 | 15.709 | 9.937 | 32.3 | 18.588 | 21.5 | 14.792 | 0.374 | 1.038 | 70.2 | 1.103 | 35.7 | 1.658 | -0.063 | -2.2 | 1.659 |
| 247623.5 | 842093.1 | 144.3 | 15.714 | 9.951 | 32.3 | 18.600 | 21.7 | 14.801 | 0.381 | 1.035 | 69.8 | 1.103 | 36.5 | 1.669 | -0.030 | -1.0 | 1.669 |
| 247622.8 | 842092.4 | 144.3 | 15.725 | 9.968 | 32.4 | 18.618 | 21.8 | 14.816 | 0.389 | 1.032 | 69.4 | 1.102 | 37.1 | 1.679 | 0.000 | 0.0 | 1.679 |
| 247622.1 | 842091.7 | 144.3 | 15.683 | 9.950 | 32.4 | 18.573 | 22.0 | 14.780 | 0.389 | 1.029 | 69.3 | 1.100 | 37.0 | 1.682 | -0.015 | -0.5 | 1.682 |
| 247621.4 | 842091.0 | 144.3 | 15.680 | 9.956 | 32.4 | 18.574 | 22.1 | 14.781 | 0.392 | 1.027 | 69.1 | 1.099 | 37.2 | 1.686 | -0.010 | -0.3 | 1.687 |

Max EF along centerline is 2.942 (kV/m) at 167.000 (m) from structure [redacted]-9

Cross section results at max EF along centerline between structures [redacted]-9 and [redacted]-10






3D EMF Point Results Span from [redacted]-9 to [redacted]-10:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 247808.4 | 842262.0 | 137.9 | 15.480 | 10.106 | 33.1 | 18.487 | 7.3 | 14.711 | 0.045 | 0.066 | 55.7 | 0.080 | 9.5 | -0.058 | 0.175 | -71.5 | 0.184 |
| 247807.7 | 842262.7 | 138.0 | 15.664 | 10.329 | 33.4 | 18.763 | 6.8 | 14.931 | 0.079 | 0.104 | 52.8 | 0.130 | 6.9 | -0.065 | 0.197 | -71.9 | 0.207 |
| 247807.0 | 842263.4 | 138.0 | 15.926 | 10.607 | 33.7 | 19.135 | 6.3 | 15.227 | 0.117 | 0.146 | 51.3 | 0.187 | 5.3 | -0.073 | 0.223 | -71.9 | 0.235 |
| 247806.3 | 842264.1 | 138.0 | 16.253 | 10.927 | 33.9 | 19.585 | 5.8 | 15.585 | 0.161 | 0.193 | 50.1 | 0.252 | 4.2 | -0.077 | 0.244 | -72.5 | 0.256 |
| 247805.6 | 842264.8 | 138.0 | 16.661 | 11.315 | 34.2 | 20.140 | 5.4 | 16.027 | 0.214 | 0.247 | 49.2 | 0.327 | 3.4 | -0.088 | 0.273 | -72.2 | 0.287 |
| 247804.9 | 842265.5 | 138.1 | 17.167 | 11.789 | 34.5 | 20.825 | 5.1 | 16.572 | 0.276 | 0.311 | 48.4 | 0.415 | 2.7 | -0.120 | 0.327 | -69.9 | 0.348 |
| 247804.1 | 842266.2 | 138.1 | 17.737 | 12.319 | 34.8 | 21.595 | 4.7 | 17.185 | 0.349 | 0.385 | 47.8 | 0.520 | 2.2 | -0.150 | 0.377 | -68.3 | 0.406 |
| 247803.4 | 842266.9 | 138.1 | 18.345 | 12.890 | 35.1 | 22.421 | 4.3 | 17.842 | 0.436 | 0.473 | 47.3 | 0.643 | 1.9 | -0.157 | 0.403 | -68.7 | 0.433 |
| 247802.7 | 842267.6 | 138.2 | 19.098 | 13.604 | 35.5 | 23.448 | 4.0 | 18.659 | 0.538 | 0.578 | 47.0 | 0.790 | 1.6 | -0.230 | 0.499 | -65.3 | 0.550 |
| 247802.0 | 842268.3 | 138.2 | 19.899 | 14.377 | 35.8 | 24.549 | 3.6 | 19.536 | 0.659 | 0.703 | 46.9 | 0.964 | 1.4 | -0.290 | 0.583 | -63.5 | 0.651 |
| 247801.3 | 842269.0 | 138.2 | 20.785 | 15.252 | 36.3 | 25.780 | 3.3 | 20.515 | 0.800 | 0.853 | 46.8 | 1.169 | 1.3 | -0.371 | 0.690 | -61.7 | 0.783 |
| 247800.6 | 842269.7 | 138.2 | 21.734 | 16.213 | 36.7 | 27.115 | 2.8 | 21.577 | 0.964 | 1.031 | 46.9 | 1.412 | 1.2 | -0.456 | 0.803 | -60.4 | 0.923 |
| 247799.8 | 842270.4 | 138.3 | 22.789 | 17.307 | 37.2 | 28.616 | 2.4 | 22.772 | 1.153 | 1.244 | 47.2 | 1.696 | 1.2 | -0.588 | 0.970 | -58.8 | 1.134 |
| 247799.1 | 842271.1 | 138.4 | 23.970 | 18.561 | 37.8 | 30.317 | 1.9 | 24.125 | 1.370 | 1.495 | 47.5 | 2.028 | 1.2 | -0.794 | 1.222 | -57.0 | 1.457 |
| 247798.4 | 842271.8 | 138.4 | 25.244 | 19.953 | 38.3 | 32.178 | 1.3 | 25.606 | 1.616 | 1.788 | 47.9 | 2.411 | 1.2 | -1.050 | 1.538 | -55.7 | 1.862 |
| 247797.7 | 842272.5 | 138.5 | 26.594 | 21.476 | 38.9 | 34.183 | 0.6 | 27.202 | 1.892 | 2.128 | 48.4 | 2.848 | 1.3 | -1.352 | 1.916 | -54.8 | 2.345 |
| 247797.0 | 842273.2 | 138.5 | 27.871 | 22.985 | 39.5 | 36.126 | 0.3 | 28.748 | 2.196 | 2.513 | 48.9 | 3.337 | 1.2 | -1.572 | 2.214 | -54.6 | 2.716 |
| 247796.2 | 842273.9 | 138.5 | 29.120 | 24.523 | 40.1 | 38.070 | 1.2 | 30.295 | 2.523 | 2.939 | 49.4 | 3.873 | 1.2 | -1.777 | 2.503 | -54.6 | 3.070 |
| 247795.5 | 842274.6 | 138.6 | 30.616 | 26.380 | 40.7 | 40.413 | 2.3 | 32.160 | 2.869 | 3.399 | 49.8 | 4.448 | 1.2 | -2.262 | 3.127 | -54.1 | 3.860 |
| 247794.8 | 842275.3 | 138.7 | 32.122 | 28.322 | 41.4 | 42.825 | 3.4 | 34.079 | 3.223 | 3.874 | 50.2 | 5.039 | 1.3 | -2.837 | 3.869 | -53.8 | 4.798 |
| 247794.1 | 842276.0 | 138.7 | 33.410 | 30.091 | 42.0 | 44.964 | 4.8 | 35.781 | 3.564 | 4.331 | 50.6 | 5.609 | 1.3 | -3.331 | 4.516 | -53.6 | 5.612 |
| 247793.4 | 842276.7 | 138.8 | 34.328 | 31.497 | 42.5 | 46.588 | 6.3 | 37.074 | 3.868 | 4.728 | 50.7 | 6.108 | 1.3 | -3.663 | 4.951 | -53.5 | 6.159 |
| 247792.7 | 842277.3 | 138.8 | 35.080 | 32.759 | 43.0 | 47.997 | 8.0 | 38.195 | 4.117 | 5.029 | 50.7 | 6.499 | 1.4 | -4.077 | 5.456 | -53.2 | 6.811 |
| 247791.9 | 842278.0 | 138.8 | 35.467 | 33.627 | 43.5 | 48.874 | 9.8 | 38.893 | 4.285 | 5.190 | 50.5 | 6.730 | 1.7 | -4.436 | 5.846 | -52.8 | 7.338 |
| 247791.2 | 842278.7 | 138.9 | 35.464 | 34.050 | 43.8 | 49.164 | 11.7 | 39.123 | 4.357 | 5.185 | 50.0 | 6.773 | 2.1 | -4.740 | 6.107 | -52.2 | 7.731 |
| 247790.5 | 842279.4 | 138.9 | 34.765 | 33.615 | 44.0 | 48.359 | 13.7 | 38.483 | 4.319 | 4.993 | 49.1 | 6.602 | 2.6 | -4.700 | 5.893 | -51.4 | 7.538 |
| 247789.8 | 842280.1 | 138.9 | 33.633 | 32.614 | 44.1 | 46.849 | 15.7 | 37.281 | 4.184 | 4.644 | 48.0 | 6.251 | 3.1 | -4.510 | 5.459 | -50.4 | 7.081 |
| 247789.1 | 842280.8 | 138.9 | 32.164 | 31.148 | 44.1 | 44.774 | 17.7 | 35.630 | 3.970 | 4.178 | 46.5 | 5.764 | 3.7 | -4.193 | 4.859 | -49.2 | 6.418 |
| 247788.3 | 842281.5 | 138.9 | 30.768 | 29.731 | 44.0 | 42.785 | 19.8 | 34.048 | 3.708 | 3.656 | 44.6 | 5.207 | 4.7 | -4.099 | 4.469 | -47.5 | 6.064 |
| 247787.6 | 842282.2 | 139.0 | 29.257 | 28.122 | 43.9 | 40.581 | 21.8 | 32.294 | 3.411 | 3.110 | 42.4 | 4.616 | 5.8 | -3.976 | 4.027 | -45.4 | 5.659 |
| 247786.9 | 842282.9 | 139.0 | 27.671 | 26.368 | 43.6 | 38.222 | 23.7 | 30.416 | 3.100 | 2.575 | 39.7 | 4.030 | 7.0 | -3.798 | 3.529 | -42.9 | 5.185 |

Centerline results between structures [redacted]-10 and [redacted]-11

3D EMF Point Results Centerline from [redacted]-10 to [redacted]-11:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 247620.6 | 842090.1 | 144.4 | 15.760 | 10.011 | 32.4 | 18.671 | 22.2 | 14.858 | 0.402 | 1.027 | 68.6 | 1.103 | 38.0 | 1.697 | 0.040 | 1.4 | 1.697 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247619.9 | 842089.4 | 144.4 | 15.757 | 10.011 | 32.4 | 18.668 | 22.3 | 14.855 | 0.402 | 1.026 | 68.6 | 1.102 | 37.8 | 1.699 | 0.021 | 0.7 | 1.699 |
| 247619.2 | 842088.6 | 144.4 | 15.777 | 10.023 | 32.4 | 18.692 | 22.4 | 14.874 | 0.403 | 1.027 | 68.6 | 1.103 | 37.6 | 1.701 | 0.008 | 0.3 | 1.701 |
| 247618.5 | 842087.9 | 144.3 | 15.749 | 10.003 | 32.4 | 18.657 | 22.4 | 14.847 | 0.398 | 1.027 | 68.8 | 1.101 | 36.6 | 1.694 | -0.048 | -1.6 | 1.695 |
| 247617.8 | 842087.2 | 144.3 | 15.767 | 10.010 | 32.4 | 18.676 | 22.5 | 14.862 | 0.396 | 1.029 | 69.0 | 1.102 | 35.9 | 1.691 | -0.081 | -2.7 | 1.693 |
| 247617.1 | 842086.5 | 144.2 | 15.811 | 10.033 | 32.4 | 18.726 | 22.5 | 14.902 | 0.395 | 1.031 | 69.0 | 1.104 | 35.5 | 1.688 | -0.105 | -3.6 | 1.692 |
| 247616.5 | 842085.7 | 144.2 | 15.828 | 10.037 | 32.4 | 18.742 | 22.4 | 14.914 | 0.390 | 1.034 | 69.3 | 1.105 | 34.4 | 1.680 | -0.157 | -5.3 | 1.688 |
| 247615.8 | 842085.0 | 144.1 | 15.948 | 10.104 | 32.4 | 18.880 | 22.4 | 15.024 | 0.395 | 1.038 | 69.2 | 1.111 | 34.5 | 1.684 | -0.145 | -4.9 | 1.690 |
| 247615.1 | 842084.3 | 144.1 | 16.085 | 10.181 | 32.3 | 19.036 | 22.3 | 15.149 | 0.401 | 1.043 | 69.0 | 1.117 | 34.7 | 1.689 | -0.130 | -4.4 | 1.694 |
| 247614.4 | 842083.6 | 144.1 | 16.238 | 10.267 | 32.3 | 19.211 | 22.2 | 15.288 | 0.406 | 1.048 | 68.8 | 1.124 | 34.9 | 1.695 | -0.111 | -3.8 | 1.698 |
| 247613.7 | 842082.8 | 144.1 | 16.378 | 10.344 | 32.3 | 19.371 | 22.1 | 15.415 | 0.410 | 1.054 | 68.7 | 1.131 | 34.9 | 1.697 | -0.107 | -3.6 | 1.701 |
| 247613.0 | 842082.1 | 144.0 | 16.500 | 10.410 | 32.2 | 19.510 | 22.0 | 15.525 | 0.411 | 1.060 | 68.8 | 1.137 | 34.5 | 1.696 | -0.119 | -4.0 | 1.700 |
| 247612.3 | 842081.4 | 144.0 | 16.628 | 10.480 | 32.2 | 19.655 | 21.9 | 15.641 | 0.412 | 1.065 | 68.8 | 1.142 | 34.2 | 1.695 | -0.131 | -4.4 | 1.700 |
| 247611.6 | 842080.7 | 143.9 | 16.735 | 10.536 | 32.2 | 19.776 | 21.8 | 15.737 | 0.411 | 1.071 | 69.0 | 1.147 | 33.5 | 1.689 | -0.161 | -5.4 | 1.697 |
| 247610.9 | 842080.0 | 143.8 | 16.849 | 10.597 | 32.2 | 19.904 | 21.7 | 15.839 | 0.409 | 1.077 | 69.2 | 1.152 | 32.9 | 1.683 | -0.189 | -6.4 | 1.694 |
| 247610.2 | 842079.2 | 143.7 | 16.969 | 10.662 | 32.1 | 20.040 | 21.6 | 15.948 | 0.408 | 1.083 | 69.3 | 1.157 | 32.3 | 1.677 | -0.214 | -7.3 | 1.690 |
| 247609.6 | 842078.5 | 143.7 | 17.094 | 10.730 | 32.1 | 20.183 | 21.5 | 16.061 | 0.408 | 1.089 | 69.5 | 1.162 | 31.6 | 1.670 | -0.239 | -8.1 | 1.687 |
| 247608.9 | 842077.8 | 143.6 | 17.224 | 10.802 | 32.1 | 20.331 | 21.4 | 16.179 | 0.407 | 1.095 | 69.6 | 1.168 | 31.1 | 1.662 | -0.262 | -9.0 | 1.682 |
| 247608.2 | 842077.1 | 143.5 | 17.358 | 10.876 | 32.1 | 20.484 | 21.3 | 16.300 | 0.407 | 1.100 | 69.7 | 1.173 | 30.5 | 1.652 | -0.284 | -9.8 | 1.677 |
| 247607.5 | 842076.3 | 143.5 | 17.543 | 10.982 | 32.0 | 20.697 | 21.1 | 16.470 | 0.411 | 1.107 | 69.6 | 1.181 | 30.5 | 1.649 | -0.276 | -9.5 | 1.672 |
| 247606.8 | 842075.6 | 143.4 | 17.752 | 11.103 | 32.0 | 20.938 | 21.0 | 16.662 | 0.417 | 1.113 | 69.5 | 1.189 | 30.7 | 1.648 | -0.254 | -8.7 | 1.667 |
| 247606.1 | 842074.9 | 143.4 | 18.024 | 11.262 | 32.0 | 21.253 | 20.9 | 16.913 | 0.429 | 1.120 | 69.1 | 1.199 | 31.5 | 1.654 | -0.196 | -6.7 | 1.665 |
| 247605.4 | 842074.2 | 143.4 | 18.280 | 11.412 | 32.0 | 21.550 | 20.7 | 17.149 | 0.439 | 1.127 | 68.7 | 1.209 | 32.2 | 1.656 | -0.149 | -5.1 | 1.663 |
| 247604.7 | 842073.4 | 143.3 | 18.288 | 11.411 | 32.0 | 21.556 | 20.7 | 17.154 | 0.426 | 1.130 | 69.3 | 1.208 | 30.1 | 1.620 | -0.249 | -8.7 | 1.639 |
| 247604.0 | 842072.7 | 143.1 | 18.252 | 11.384 | 32.0 | 21.511 | 20.7 | 17.118 | 0.411 | 1.133 | 70.1 | 1.206 | 27.4 | 1.575 | -0.376 | -13.4 | 1.620 |
| 247603.3 | 842072.0 | 143.0 | 18.416 | 11.479 | 31.9 | 21.701 | 20.6 | 17.269 | 0.413 | 1.139 | 70.1 | 1.211 | 26.9 | 1.559 | -0.385 | -13.9 | 1.606 |
| 247602.6 | 842071.3 | 143.1 | 18.842 | 11.732 | 31.9 | 22.196 | 20.4 | 17.663 | 0.436 | 1.146 | 69.2 | 1.227 | 29.3 | 1.581 | -0.244 | -8.8 | 1.600 |
| 247602.0 | 842070.5 | 143.1 | 19.062 | 11.862 | 31.9 | 22.451 | 20.2 | 17.866 | 0.442 | 1.152 | 69.0 | 1.234 | 29.4 | 1.571 | -0.224 | -8.1 | 1.587 |
| 247601.3 | 842069.8 | 143.0 | 19.255 | 11.974 | 31.9 | 22.675 | 20.1 | 18.044 | 0.446 | 1.157 | 68.9 | 1.240 | 29.1 | 1.556 | -0.222 | -8.1 | 1.572 |
| 247600.6 | 842069.1 | 143.0 | 19.441 | 12.083 | 31.9 | 22.890 | 20.0 | 18.215 | 0.448 | 1.163 | 68.9 | 1.246 | 28.6 | 1.539 | -0.227 | -8.4 | 1.556 |
| 247599.9 | 842068.4 | 142.9 | 19.715 | 12.245 | 31.8 | 23.208 | 19.9 | 18.468 | 0.458 | 1.169 | 68.6 | 1.255 | 29.1 | 1.536 | -0.185 | -6.9 | 1.547 |
| 247599.2 | 842067.7 | 143.0 | 20.042 | 12.439 | 31.8 | 23.588 | 19.8 | 18.771 | 0.471 | 1.176 | 68.2 | 1.267 | 30.1 | 1.541 | -0.118 | -4.4 | 1.546 |
| 247598.5 | 842066.9 | 142.9 | 20.271 | 12.574 | 31.8 | 23.854 | 19.6 | 18.982 | 0.476 | 1.183 | 68.1 | 1.275 | 29.9 | 1.531 | -0.109 | -4.1 | 1.535 |
| 247597.8 | 842066.2 | 142.8 | 20.403 | 12.650 | 31.8 | 24.006 | 19.6 | 19.103 | 0.472 | 1.188 | 68.3 | 1.278 | 28.6 | 1.507 | -0.155 | -5.9 | 1.515 |
| 247597.1 | 842065.5 | 142.8 | 20.633 | 12.786 | 31.8 | 24.274 | 19.5 | 19.316 | 0.476 | 1.195 | 68.3 | 1.286 | 28.3 | 1.499 | -0.153 | -5.8 | 1.506 |
| 247596.4 | 842064.8 | 142.8 | 20.895 | 12.941 | 31.8 | 24.578 | 19.4 | 19.559 | 0.482 | 1.202 | 68.2 | 1.295 | 28.3 | 1.497 | -0.138 | -5.3 | 1.503 |
| 247595.7 | 842064.0 | 142.7 | 21.128 | 13.078 | 31.8 | 24.848 | 19.2 | 19.773 | 0.485 | 1.210 | 68.2 | 1.303 | 27.9 | 1.491 | -0.143 | -5.5 | 1.498 |
| 247595.1 | 842063.3 | 142.7 | 21.451 | 13.269 | 31.7 | 25.223 | 19.1 | 20.072 | 0.494 | 1.219 | 67.9 | 1.315 | 28.4 | 1.501 | -0.106 | -4.0 | 1.505 |
| 247594.4 | 842062.6 | 142.8 | 21.862 | 13.513 | 31.7 | 25.701 | 18.9 | 20.452 | 0.510 | 1.229 | 67.5 | 1.331 | 29.7 | 1.527 | -0.030 | -1.1 | 1.528 |
| 247593.7 | 842061.9 | 142.8 | 22.281 | 13.762 | 31.7 | 26.188 | 18.7 | 20.840 | 0.526 | 1.239 | 67.0 | 1.346 | 31.0 | 1.556 | 0.043 | 1.6 | 1.556 |
| 247593.0 | 842061.1 | 142.8 | 22.691 | 14.004 | 31.7 | 26.664 | 18.5 | 21.219 | 0.541 | 1.250 | 66.6 | 1.362 | 32.2 | 1.585 | 0.105 | 3.8 | 1.588 |
| 247592.3 | 842060.4 | 142.8 | 23.020 | 14.198 | 31.7 | 27.046 | 18.4 | 21.523 | 0.549 | 1.260 | 66.5 | 1.374 | 32.4 | 1.602 | 0.122 | 4.3 | 1.607 |
| 247591.6 | 842059.7 | 142.7 | 23.186 | 14.295 | 31.7 | 27.239 | 18.3 | 21.676 | 0.543 | 1.268 | 66.8 | 1.379 | 31.0 | 1.597 | 0.055 | 2.0 | 1.598 |
| 247590.9 | 842059.0 | 142.6 | 23.259 | 14.336 | 31.6 | 27.322 | 18.3 | 21.742 | 0.529 | 1.275 | 67.5 | 1.380 | 28.5 | 1.579 | -0.060 | -2.2 | 1.580 |
| 247590.2 | 842058.3 | 142.6 | 23.451 | 14.448 | 31.6 | 27.544 | 18.2 | 21.919 | 0.525 | 1.284 | 67.8 | 1.387 | 27.2 | 1.581 | -0.122 | -4.4 | 1.586 |
| 247589.5 | 842057.5 | 142.5 | 23.718 | 14.604 | 31.6 | 27.854 | 18.1 | 22.165 | 0.526 | 1.293 | 67.9 | 1.396 | 26.6 | 1.597 | -0.151 | -5.4 | 1.604 |
| 247588.8 | 842056.8 | 142.5 | 24.062 | 14.807 | 31.6 | 28.252 | 18.0 | 22.483 | 0.532 | 1.303 | 67.8 | 1.408 | 26.8 | 1.627 | -0.146 | -5.1 | 1.633 |
| 247588.1 | 842056.1 | 142.6 | 24.513 | 15.072 | 31.6 | 28.776 | 17.8 | 22.899 | 0.547 | 1.314 | 67.4 | 1.424 | 28.1 | 1.675 | -0.096 | -3.3 | 1.677 |
| 247587.5 | 842055.4 | 142.5 | 24.820 | 15.252 | 31.6 | 29.132 | 17.6 | 23.182 | 0.550 | 1.324 | 67.5 | 1.434 | 27.8 | 1.702 | -0.116 | -3.9 | 1.706 |
| 247586.8 | 842054.6 | 142.5 | 25.127 | 15.431 | 31.6 | 29.487 | 17.5 | 23.465 | 0.552 | 1.333 | 67.5 | 1.443 | 27.5 | 1.731 | -0.140 | -4.6 | 1.736 |
| 247586.1 | 842053.9 | 142.5 | 25.359 | 15.566 | 31.5 | 29.755 | 17.4 | 23.679 | 0.549 | 1.342 | 67.8 | 1.450 | 26.4 | 1.749 | -0.201 | -6.6 | 1.761 |
| 247585.4 | 842053.2 | 142.4 | 25.668 | 15.746 | 31.5 | 30.113 | 17.3 | 23.963 | 0.551 | 1.351 | 67.8 | 1.459 | 26.1 | 1.781 | -0.230 | -7.3 | 1.796 |
| 247584.7 | 842052.5 | 142.5 | 26.218 | 16.068 | 31.5 | 30.751 | 17.1 | 24.470 | 0.572 | 1.362 | 67.2 | 1.477 | 28.2 | 1.850 | -0.151 | -4.7 | 1.856 |
| 247584.0 | 842051.7 | 142.5 | 26.569 | 16.272 | 31.5 | 31.156 | 16.9 | 24.793 | 0.577 | 1.371 | 67.2 | 1.488 | 28.2 | 1.889 | -0.166 | -5.0 | 1.897 |
| 247583.3 | 842051.0 | 142.4 | 26.883 | 16.454 | 31.5 | 31.518 | 16.8 | 25.081 | 0.579 | 1.380 | 67.2 | 1.497 | 27.9 | 1.923 | -0.200 | -5.9 | 1.934 |
| 247582.6 | 842050.3 | 142.4 | 27.198 | 16.637 | 31.5 | 31.883 | 16.7 | 25.372 | 0.581 | 1.388 | 67.3 | 1.505 | 27.5 | 1.958 | -0.234 | -6.8 | 1.972 |
| 247581.9 | 842049.6 | 142.4 | 27.516 | 16.820 | 31.4 | 32.250 | 16.5 | 25.664 | 0.584 | 1.396 | 67.3 | 1.514 | 27.2 | 1.992 | -0.268 | -7.7 | 2.010 |
| 247581.2 | 842048.8 | 142.4 | 27.926 | 17.058 | 31.4 | 32.724 | 16.4 | 26.041 | 0.594 | 1.405 | 67.1 | 1.525 | 27.7 | 2.039 | -0.263 | -7.3 | 2.056 |
| 247580.6 | 842048.1 | 142.4 | 28.246 | 17.242 | 31.4 | 33.093 | 16.2 | 26.335 | 0.596 | 1.412 | 67.1 | 1.533 | 27.4 | 2.072 | -0.298 | -8.2 | 2.093 |
| 247579.9 | 842047.4 | 142.4 | 28.844 | 17.589 | 31.4 | 33.784 | 16.0 | 26.884 | 0.621 | 1.422 | 66.4 | 1.551 | 29.7 | 2.142 | -0.216 | -5.7 | 2.153 |
| 247579.2 | 842046.7 | 142.4 | 29.327 | 17.867 | 31.4 | 34.341 | 15.8 | 27.328 | 0.637 | 1.429 | 66.0 | 1.565 | 30.8 | 2.194 | -0.184 | -4.8 | 2.202 |
| 247578.5 | 842046.0 | 142.4 | 29.669 | 18.063 | 31.3 | 34.736 | 15.6 | 27.642 | 0.643 | 1.436 | 65.9 | 1.573 | 30.7 | 2.224 | -0.209 | -5.4 | 2.234 |
| 247577.8 | 842045.2 | 142.4 | 30.014 | 18.261 | 31.3 | 35.133 | 15.5 | 27.958 | 0.649 | 1.441 | 65.8 | 1.580 | 30.5 | 2.253 | -0.233 | -5.9 | 2.265 |
| 247577.1 | 842044.5 | 142.3 | 30.293 | 18.419 | 31.3 | 35.453 | 15.4 | 28.213 | 0.650 | 1.446 | 65.8 | 1.585 | 29.8 | 2.270 | -0.282 | -7.1 | 2.288 |
| 247576.4 | 842043.8 | 142.4 | 30.912 | 18.774 | 31.3 | 36.166 | 15.1 | 28.780 | 0.678 | 1.453 | 65.0 | 1.603 | 32.3 | 2.332 | -0.193 | -4.7 | 2.340 |
| 247575.7 | 842043.1 | 142.5 | 31.612 | 19.177 | 31.2 | 36.974 | 14.8 | 29.423 | 0.714 | 1.460 | 63.9 | 1.625 | 35.5 | 2.404 | -0.073 | -1.7 | 2.405 |
| 247575.0 | 842042.3 | 142.5 | 32.238 | 19.535 | 31.2 | 37.695 | 14.6 | 29.997 | 0.745 | 1.466 | 63.1 | 1.644 | 38.0 | 2.463 | 0.016 | 0.4 | 2.463 |
| 247574.3 | 842041.6 | 142.5 | 32.681 | 19.786 | 31.2 | 38.203 | 14.4 | 30.401 | 0.761 | 1.470 | 62.6 | 1.655 | 38.9 | 2.495 | 0.037 | 0.9 | 2.496 |
| 247573.6 | 842040.9 | 142.5 | 33.127 | 20.039 | 31.2 | 38.717 | 14.2 | 30.810 | 0.777 | 1.473 | 62.2 | 1.665 | 39.9 | 2.527 | 0.063 | 1.4 | 2.528 |
| 247573.0 | 842040.2 | 142.5 | 33.412 | 20.197 | 31.2 | 39.042 | 14.1 | 31.069 | 0.781 | 1.473 | 62.1 | 1.668 | 39.4 | 2.537 | 0.031 | 0.7 | 2.537 |
| 247572.3 | 842039.4 | 142.4 | 33.649 | 20.328 | 31.1 | 39.313 | 14.0 | 31.284 | 0.781 | 1.473 | 62.1 | 1.667 | 38.6 | 2.539 | -0.014 | -0.3 | 2.539 |
| 247571.6 | 842038.7 | 142.4 | 34.011 | 20.531 | 31.1 | 39.727 | 13.9 | 31.614 | 0.792 | 1.473 | 61.7 | 1.673 | 39.0 | 2.558 | -0.010 | -0.2 | 2.558 |
| 247570.9 | 842038.0 | 142.4 | 34.534 | 20.825 | 31.1 | 40.327 | 13.7 | 32.091 | 0.818 | 1.475 | 61.0 | 1.686 | 41.0 | 2.600 | 0.056 | 1.2 | 2.601 |
| 247570.2 | 842037.3 | 142.3 | 34.729 | 20.931 | 31.1 | 40.549 | 13.6 | 32.268 | 0.816 | 1.472 | 61.0 | 1.683 | 40.0 | 2.598 | 0.008 | 0.2 | 2.598 |
| 247569.5 | 842036.6 | 142.3 | 35.022 | 21.093 | 31.1 | 40.884 | 13.5 | 32.534 | 0.824 | 1.470 | 60.7 | 1.685 | 40.0 | 2.610 | -0.001 | -0.0 | 2.610 |
| 247568.8 | 842035.8 | 142.2 | 35.407 | 21.307 | 31.0 | 41.323 | 13.3 | 32.884 | 0.839 | 1.468 | 60.3 | 1.691 | 41.0 | 2.637 | 0.026 | 0.6 | 2.637 |
| 247568.1 | 842035.1 | 142.2 | 35.844 | 21.550 | 31.0 | 41.823 | 13.1 | 33.282 | 0.860 | 1.467 | 59.6 | 1.700 | 42.5 | 2.674 | 0.074 | 1.6 | 2.675 |
| 247567.4 | 842034.4 | 142.2 | 36.183 | 21.737 | 31.0 | 42.210 | 13.0 | 33.590 | 0.873 | 1.465 | 59.2 | 1.705 | 43.3 | 2.701 | 0.091 | 1.9 | 2.702 |
| 247566.7 | 842033.7 | 142.1 | 36.519 | 21.922 | 31.0 | 42.593 | 12.9 | 33.894 | 0.886 | 1.462 | 58.8 | 1.709 | 44.1 | 2.730 | 0.110 | 2.3 | 2.732 |
| 247566.1 | 842032.9 | 142.1 | 36.855 | 22.106 | 31.0 | 42.976 | 12.7 | 34.199 | 0.900 | 1.458 | 58.3 | 1.714 | 45.0 | 2.763 | 0.132 | 2.7 | 2.767 |
| 247565.4 | 842032.2 | 142.1 | 37.196 | 22.293 | 30.9 | 43.365 | 12.6 | 34.509 | 0.916 | 1.455 | 57.8 | 1.719 | 46.1 | 2.802 | 0.158 | 3.2 | 2.806 |
| 247564.7 | 842031.5 | 142.0 | 37.551 | 22.487 | 30.9 | 43.769 | 12.5 | 34.830 | 0.933 | 1.452 | 57.3 | 1.726 | 47.5 | 2.847 | 0.191 | 3.8 | 2.854 |
| 247564.0 | 842030.8 | 142.0 | 37.906 | 22.680 | 30.9 | 44.173 | 12.3 | 35.152 | 0.951 | 1.449 | 56.7 | 1.733 | 49.0 | 2.897 | 0.227 | 4.5 | 2.906 |
| 247563.3 | 842030.0 | 142.0 | 38.262 | 22.874 | 30.9 | 44.578 | 12.2 | 35.474 | 0.969 | 1.445 | 56.1 | 1.740 | 50.6 | 2.953 | 0.265 | 5.1 | 2.965 |
| 247562.6 | 842029.3 | 141.9 | 38.477 | 22.987 | 30.9 | 44.821 | 12.1 | 35.668 | 0.977 | 1.440 | 55.8 | 1.740 | 51.0 | 2.994 | 0.261 | 5.0 | 3.005 |
| 247561.9 | 842028.6 | 141.8 | 38.404 | 22.938 | 30.8 | 44.733 | 12.2 | 35.597 | 0.961 | 1.430 | 56.1 | 1.723 | 48.9 | 2.998 | 0.171 | 3.3 | 3.003 |
| 247561.2 | 842027.9 | 141.7 | 38.506 | 22.987 | 30.8 | 44.845 | 12.1 | 35.687 | 0.961 | 1.423 | 56.0 | 1.717 | 48.5 | 3.033 | 0.138 | 2.6 | 3.036 |
| 247560.5 | 842027.1 | 141.7 | 39.010 | 23.263 | 30.8 | 45.420 | 11.9 | 36.144 | 0.995 | 1.422 | 55.0 | 1.735 | 52.1 | 3.129 | 0.234 | 4.3 | 3.137 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247559.8 | 842026.4 | 141.6 | 39.218 | 23.371 | 30.8 | 45.654 | 11.9 | 36.330 | 1.006 | 1.416 | 54.6 | 1.737 | 53.0 | 3.186 | 0.240 | 4.3 | 3.195 |
| 247559.1 | 842025.7 | 141.5 | 38.978 | 23.227 | 30.8 | 45.374 | 12.0 | 36.107 | 0.979 | 1.405 | 55.1 | 1.712 | 49.7 | 3.183 | 0.114 | 2.0 | 3.185 |
| 247558.5 | 842025.0 | 141.4 | 39.148 | 23.314 | 30.8 | 45.564 | 11.9 | 36.259 | 0.988 | 1.399 | 54.8 | 1.713 | 50.5 | 3.240 | 0.117 | 2.1 | 3.243 |
| 247557.8 | 842024.3 | 141.3 | 39.423 | 23.460 | 30.8 | 45.875 | 11.8 | 36.506 | 1.007 | 1.395 | 54.2 | 1.720 | 52.4 | 3.313 | 0.156 | 2.7 | 3.317 |
| 247557.1 | 842023.5 | 141.1 | 38.962 | 23.192 | 30.8 | 45.342 | 12.0 | 36.082 | 0.966 | 1.382 | 55.1 | 1.686 | 47.4 | 3.281 | -0.022 | -0.4 | 3.281 |
| 247556.4 | 842022.8 | 140.9 | 38.659 | 23.014 | 30.8 | 44.990 | 12.2 | 35.802 | 0.940 | 1.372 | 55.6 | 1.663 | 44.0 | 3.269 | -0.146 | -2.5 | 3.272 |
| 247555.7 | 842022.1 | 140.8 | 38.658 | 23.004 | 30.8 | 44.985 | 12.2 | 35.798 | 0.940 | 1.364 | 55.4 | 1.657 | 43.7 | 3.296 | -0.168 | -2.9 | 3.301 |
| 247555.0 | 842021.4 | 140.7 | 38.706 | 23.023 | 30.7 | 45.036 | 12.2 | 35.839 | 0.947 | 1.358 | 55.1 | 1.655 | 44.1 | 3.326 | -0.165 | -2.8 | 3.330 |
| 247554.3 | 842020.6 | 140.7 | 38.808 | 23.072 | 30.7 | 45.148 | 12.2 | 35.928 | 0.959 | 1.351 | 54.6 | 1.657 | 45.2 | 3.357 | -0.135 | -2.3 | 3.360 |
| 247553.6 | 842019.9 | 140.5 | 38.341 | 22.802 | 30.7 | 44.609 | 12.4 | 35.498 | 0.931 | 1.340 | 55.2 | 1.631 | 41.2 | 3.296 | -0.266 | -4.6 | 3.307 |
| 247552.9 | 842019.2 | 140.3 | 38.235 | 22.735 | 30.7 | 44.484 | 12.4 | 35.399 | 0.932 | 1.330 | 55.0 | 1.624 | 40.8 | 3.279 | -0.271 | -4.7 | 3.290 |
| 247552.2 | 842018.5 | 140.2 | 38.009 | 22.600 | 30.7 | 44.220 | 12.5 | 35.190 | 0.927 | 1.320 | 54.9 | 1.613 | 39.6 | 3.233 | -0.299 | -5.3 | 3.246 |
| 247551.5 | 842017.7 | 140.0 | 37.550 | 22.336 | 30.7 | 43.691 | 12.8 | 34.768 | 0.910 | 1.308 | 55.2 | 1.594 | 36.6 | 3.138 | -0.383 | -7.0 | 3.162 |
| 247550.9 | 842017.0 | 139.8 | 37.044 | 22.046 | 30.8 | 43.107 | 13.0 | 34.304 | 0.893 | 1.296 | 55.4 | 1.574 | 33.5 | 3.023 | -0.468 | -8.8 | 3.059 |
| 247550.2 | 842016.3 | 139.6 | 36.741 | 21.869 | 30.8 | 42.757 | 13.1 | 34.025 | 0.892 | 1.285 | 55.2 | 1.564 | 32.2 | 2.929 | -0.477 | -9.2 | 2.968 |
| 247549.5 | 842015.6 | 139.5 | 36.624 | 21.797 | 30.8 | 42.620 | 13.2 | 33.916 | 0.901 | 1.274 | 54.7 | 1.560 | 32.3 | 2.856 | -0.416 | -8.3 | 2.887 |
| 247548.8 | 842014.9 | 139.3 | 36.388 | 21.658 | 30.8 | 42.346 | 13.3 | 33.698 | 0.904 | 1.264 | 54.4 | 1.553 | 31.4 | 2.755 | -0.385 | -7.9 | 2.782 |
| 247548.1 | 842014.1 | 139.2 | 36.280 | 21.590 | 30.8 | 42.218 | 13.4 | 33.596 | 0.913 | 1.254 | 54.0 | 1.551 | 31.3 | 2.669 | -0.308 | -6.6 | 2.687 |
| 247547.4 | 842013.4 | 139.1 | 36.388 | 21.643 | 30.7 | 42.338 | 13.3 | 33.691 | 0.932 | 1.248 | 53.3 | 1.557 | 32.8 | 2.619 | -0.164 | -3.6 | 2.624 |
| 247546.7 | 842012.7 | 139.0 | 36.301 | 21.587 | 30.7 | 42.235 | 13.4 | 33.609 | 0.940 | 1.242 | 52.9 | 1.558 | 32.7 | 2.531 | -0.080 | -1.8 | 2.532 |
| 247546.0 | 842012.0 | 138.8 | 35.888 | 21.350 | 30.7 | 41.759 | 13.6 | 33.231 | 0.932 | 1.235 | 53.0 | 1.547 | 29.8 | 2.379 | -0.096 | -2.3 | 2.381 |
| 247545.3 | 842011.2 | 138.7 | 35.781 | 21.284 | 30.7 | 41.633 | 13.7 | 33.131 | 0.939 | 1.232 | 52.7 | 1.549 | 29.4 | 2.284 | -0.023 | -0.6 | 2.284 |
| 247544.6 | 842010.5 | 138.6 | 35.744 | 21.256 | 30.7 | 41.587 | 13.7 | 33.094 | 0.948 | 1.230 | 52.4 | 1.553 | 29.5 | 2.204 | 0.066 | 1.7 | 2.205 |
| 247544.0 | 842009.8 | 138.5 | 35.704 | 21.227 | 30.7 | 41.537 | 13.7 | 33.054 | 0.956 | 1.229 | 52.1 | 1.558 | 29.5 | 2.126 | 0.148 | 4.0 | 2.131 |
| 247543.3 | 842009.1 | 138.3 | 35.641 | 21.185 | 30.7 | 41.462 | 13.8 | 32.994 | 0.963 | 1.229 | 51.9 | 1.562 | 29.5 | 2.046 | 0.218 | 6.1 | 2.058 |
| 247542.6 | 842008.3 | 138.2 | 35.445 | 21.069 | 30.7 | 41.234 | 13.9 | 32.813 | 0.964 | 1.229 | 51.9 | 1.561 | 28.2 | 1.942 | 0.243 | 7.1 | 1.957 |
| 247541.9 | 842007.6 | 138.1 | 35.326 | 20.996 | 30.7 | 41.094 | 13.9 | 32.702 | 0.967 | 1.229 | 51.8 | 1.564 | 27.7 | 1.858 | 0.287 | 8.8 | 1.880 |
| 247541.2 | 842006.9 | 137.9 | 34.956 | 20.785 | 30.7 | 40.669 | 14.1 | 32.363 | 0.960 | 1.227 | 51.9 | 1.558 | 24.9 | 1.723 | 0.251 | 8.3 | 1.741 |
| 247540.5 | 842006.2 | 137.8 | 34.816 | 20.701 | 30.7 | 40.505 | 14.2 | 32.233 | 0.963 | 1.226 | 51.9 | 1.559 | 24.2 | 1.641 | 0.280 | 9.7 | 1.665 |
| 247539.8 | 842005.4 | 137.6 | 34.660 | 20.608 | 30.7 | 40.323 | 14.3 | 32.088 | 0.965 | 1.225 | 51.8 | 1.560 | 23.5 | 1.559 | 0.303 | 11.0 | 1.588 |
| 247539.1 | 842004.7 | 137.6 | 34.853 | 20.708 | 30.7 | 40.540 | 14.2 | 32.261 | 0.982 | 1.227 | 51.3 | 1.572 | 26.2 | 1.559 | 0.430 | 15.4 | 1.617 |
| 247538.4 | 842004.0 | 137.6 | 35.050 | 20.809 | 30.7 | 40.762 | 14.1 | 32.437 | 1.000 | 1.228 | 50.8 | 1.584 | 29.0 | 1.565 | 0.557 | 19.6 | 1.661 |
| 247537.7 | 842003.3 | 137.4 | 34.869 | 20.703 | 30.7 | 40.552 | 14.2 | 32.270 | 1.001 | 1.226 | 50.7 | 1.583 | 28.3 | 1.491 | 0.572 | 21.0 | 1.597 |
| 247537.0 | 842002.6 | 137.3 | 34.532 | 20.511 | 30.7 | 40.164 | 14.4 | 31.962 | 0.996 | 1.221 | 50.8 | 1.575 | 26.3 | 1.385 | 0.541 | 21.3 | 1.487 |
| 247536.4 | 842001.8 | 137.2 | 34.502 | 20.487 | 30.7 | 40.126 | 14.4 | 31.931 | 1.004 | 1.218 | 50.5 | 1.578 | 27.3 | 1.352 | 0.603 | 24.0 | 1.480 |
| 247535.7 | 842001.1 | 137.1 | 34.443 | 20.449 | 30.7 | 40.056 | 14.4 | 31.876 | 1.011 | 1.215 | 50.2 | 1.581 | 28.2 | 1.316 | 0.659 | 26.6 | 1.471 |
| 247535.0 | 842000.4 | 137.0 | 34.383 | 20.409 | 30.7 | 39.984 | 14.5 | 31.818 | 1.019 | 1.211 | 49.9 | 1.583 | 29.1 | 1.282 | 0.716 | 29.2 | 1.469 |
| 247534.3 | 841999.7 | 136.9 | 34.319 | 20.368 | 30.7 | 39.908 | 14.5 | 31.758 | 1.026 | 1.207 | 49.6 | 1.585 | 30.1 | 1.252 | 0.774 | 31.7 | 1.472 |
| 247533.6 | 841998.9 | 136.8 | 34.418 | 20.415 | 30.7 | 40.018 | 14.5 | 31.845 | 1.043 | 1.205 | 49.1 | 1.593 | 32.7 | 1.262 | 0.883 | 35.0 | 1.540 |
| 247532.9 | 841998.2 | 136.7 | 34.485 | 20.445 | 30.7 | 40.090 | 14.5 | 31.903 | 1.059 | 1.202 | 48.6 | 1.602 | 35.0 | 1.266 | 0.982 | 37.8 | 1.602 |
| 247532.2 | 841997.5 | 136.8 | 34.904 | 20.668 | 30.6 | 40.564 | 14.3 | 32.280 | 1.096 | 1.205 | 47.7 | 1.629 | 40.6 | 1.355 | 1.184 | 41.1 | 1.800 |
| 247531.5 | 841996.8 | 136.7 | 35.170 | 20.807 | 30.6 | 40.864 | 14.2 | 32.519 | 1.127 | 1.206 | 46.9 | 1.651 | 44.8 | 1.410 | 1.340 | 43.5 | 1.946 |
| 247530.8 | 841996.0 | 136.5 | 34.502 | 20.435 | 30.6 | 40.100 | 14.5 | 31.911 | 1.100 | 1.193 | 47.3 | 1.623 | 40.5 | 1.248 | 1.230 | 44.6 | 1.752 |
| 247530.1 | 841995.3 | 136.2 | 33.697 | 19.988 | 30.7 | 39.179 | 14.9 | 31.178 | 1.069 | 1.179 | 47.8 | 1.591 | 34.9 | 1.048 | 1.078 | 45.8 | 1.503 |
| 247529.5 | 841994.6 | 136.0 | 33.373 | 19.804 | 30.7 | 38.806 | 15.0 | 30.881 | 1.065 | 1.171 | 47.7 | 1.583 | 33.7 | 0.962 | 1.064 | 47.9 | 1.434 |
| 247528.8 | 841993.9 | 135.9 | 33.047 | 19.619 | 30.7 | 38.432 | 15.2 | 30.583 | 1.062 | 1.164 | 47.6 | 1.576 | 32.4 | 0.876 | 1.048 | 50.1 | 1.366 |
| 247528.1 | 841993.2 | 135.7 | 32.750 | 19.451 | 30.7 | 38.091 | 15.3 | 30.312 | 1.061 | 1.157 | 47.5 | 1.570 | 31.4 | 0.797 | 1.038 | 52.5 | 1.309 |
| 247527.4 | 841992.4 | 135.5 | 32.342 | 19.222 | 30.7 | 37.623 | 15.5 | 29.939 | 1.054 | 1.149 | 47.5 | 1.560 | 29.4 | 0.689 | 0.992 | 55.2 | 1.208 |
| 247526.7 | 841991.7 | 135.4 | 31.938 | 18.994 | 30.7 | 37.159 | 15.7 | 29.570 | 1.048 | 1.142 | 47.4 | 1.550 | 27.2 | 0.581 | 0.944 | 58.4 | 1.109 |
| 247526.0 | 841991.0 | 135.2 | 31.724 | 18.871 | 30.7 | 36.913 | 15.8 | 29.374 | 1.050 | 1.137 | 47.3 | 1.548 | 26.9 | 0.525 | 0.950 | 61.1 | 1.085 |
| 247525.3 | 841990.3 | 135.1 | 31.641 | 18.821 | 30.7 | 36.816 | 15.9 | 29.297 | 1.057 | 1.134 | 47.0 | 1.550 | 27.7 | 0.506 | 0.991 | 62.9 | 1.113 |
| 247524.6 | 841989.5 | 135.0 | 31.558 | 18.770 | 30.7 | 36.718 | 15.9 | 29.219 | 1.063 | 1.132 | 46.8 | 1.553 | 28.4 | 0.490 | 1.028 | 64.5 | 1.139 |
| 247523.9 | 841988.8 | 134.9 | 31.523 | 18.745 | 30.7 | 36.675 | 16.0 | 29.185 | 1.070 | 1.131 | 46.6 | 1.557 | 29.5 | 0.490 | 1.075 | 65.5 | 1.181 |
| 247523.2 | 841988.1 | 135.0 | 31.856 | 18.922 | 30.7 | 37.052 | 15.8 | 29.485 | 1.094 | 1.135 | 46.1 | 1.577 | 33.9 | 0.594 | 1.226 | 64.1 | 1.363 |
| 247522.5 | 841987.4 | 134.7 | 31.186 | 18.550 | 30.7 | 36.286 | 16.2 | 28.876 | 1.072 | 1.125 | 46.4 | 1.554 | 28.9 | 0.425 | 1.071 | 68.4 | 1.152 |
| 247521.9 | 841986.6 | 134.5 | 30.575 | 18.210 | 30.8 | 35.587 | 16.4 | 28.319 | 1.054 | 1.117 | 46.7 | 1.536 | 24.3 | 0.270 | 0.925 | 73.7 | 0.963 |
| 247521.2 | 841985.9 | 134.4 | 30.533 | 18.186 | 30.8 | 35.538 | 16.5 | 28.280 | 1.057 | 1.118 | 46.6 | 1.538 | 24.8 | 0.294 | 0.963 | 73.0 | 1.007 |
| 247520.5 | 841985.2 | 134.3 | 30.467 | 18.145 | 30.8 | 35.461 | 16.5 | 28.219 | 1.060 | 1.117 | 46.5 | 1.540 | 25.1 | 0.297 | 0.974 | 73.0 | 1.018 |
| 247519.8 | 841984.5 | 134.2 | 30.556 | 18.189 | 30.8 | 35.560 | 16.5 | 28.298 | 1.067 | 1.118 | 46.3 | 1.546 | 26.7 | 0.345 | 1.026 | 71.4 | 1.083 |
| 247519.1 | 841983.7 | 134.3 | 30.969 | 18.409 | 30.7 | 36.027 | 16.3 | 28.670 | 1.089 | 1.124 | 45.9 | 1.565 | 31.1 | 0.486 | 1.172 | 67.5 | 1.268 |
| 247518.4 | 841983.0 | 134.3 | 31.168 | 18.513 | 30.7 | 36.252 | 16.3 | 28.848 | 1.102 | 1.127 | 45.6 | 1.577 | 33.3 | 0.563 | 1.246 | 65.7 | 1.368 |
| 247517.7 | 841982.3 | 134.2 | 31.057 | 18.447 | 30.7 | 36.122 | 16.3 | 28.745 | 1.101 | 1.126 | 45.6 | 1.574 | 32.6 | 0.552 | 1.222 | 65.7 | 1.341 |
| 247517.0 | 841981.6 | 134.1 | 31.166 | 18.488 | 30.7 | 36.237 | 16.3 | 28.836 | 1.110 | 1.125 | 45.4 | 1.580 | 33.8 | 0.617 | 1.272 | 64.1 | 1.414 |
| 247516.3 | 841980.9 | 134.1 | 31.247 | 18.527 | 30.7 | 36.326 | 16.3 | 28.907 | 1.118 | 1.126 | 45.2 | 1.586 | 34.5 | 0.652 | 1.297 | 63.3 | 1.451 |
| 247515.6 | 841980.1 | 134.0 | 31.139 | 18.463 | 30.7 | 36.201 | 16.3 | 28.808 | 1.116 | 1.124 | 45.2 | 1.583 | 33.4 | 0.629 | 1.261 | 63.5 | 1.409 |
| 247515.0 | 841979.4 | 133.9 | 31.072 | 18.421 | 30.7 | 36.122 | 16.4 | 28.745 | 1.116 | 1.122 | 45.2 | 1.583 | 32.5 | 0.612 | 1.233 | 63.6 | 1.376 |
| 247514.3 | 841978.7 | 133.9 | 31.357 | 18.571 | 30.6 | 36.444 | 16.3 | 29.001 | 1.134 | 1.125 | 44.8 | 1.598 | 34.5 | 0.687 | 1.306 | 62.3 | 1.475 |
| 247513.6 | 841978.0 | 133.8 | 31.036 | 18.392 | 30.7 | 36.076 | 16.4 | 28.709 | 1.123 | 1.120 | 44.9 | 1.586 | 31.1 | 0.582 | 1.195 | 64.0 | 1.329 |
| 247512.9 | 841977.2 | 133.7 | 31.099 | 18.421 | 30.6 | 36.145 | 16.4 | 28.763 | 1.131 | 1.119 | 44.7 | 1.591 | 30.8 | 0.577 | 1.195 | 64.2 | 1.327 |
| 247512.2 | 841976.5 | 133.7 | 31.320 | 18.535 | 30.6 | 36.393 | 16.3 | 28.961 | 1.146 | 1.121 | 44.3 | 1.603 | 31.8 | 0.608 | 1.238 | 63.8 | 1.379 |
| 247511.5 | 841975.8 | 133.6 | 31.075 | 18.397 | 30.6 | 36.112 | 16.5 | 28.737 | 1.141 | 1.116 | 44.4 | 1.596 | 28.5 | 0.495 | 1.139 | 66.5 | 1.242 |
| 247510.8 | 841975.1 | 133.5 | 30.860 | 18.276 | 30.6 | 35.865 | 16.6 | 28.541 | 1.139 | 1.112 | 44.3 | 1.592 | 25.4 | 0.379 | 1.045 | 70.1 | 1.112 |
| 247510.1 | 841974.3 | 133.4 | 30.876 | 18.279 | 30.6 | 35.881 | 16.6 | 28.553 | 1.147 | 1.111 | 44.1 | 1.597 | 24.1 | 0.320 | 1.016 | 72.5 | 1.065 |
| 247509.4 | 841973.6 | 133.4 | 31.169 | 18.432 | 30.6 | 36.211 | 16.5 | 28.816 | 1.167 | 1.113 | 43.6 | 1.613 | 25.1 | 0.334 | 1.064 | 72.6 | 1.115 |
| 247508.7 | 841972.9 | 133.4 | 31.379 | 18.540 | 30.6 | 36.447 | 16.4 | 29.004 | 1.185 | 1.114 | 43.2 | 1.626 | 25.2 | 0.314 | 1.083 | 73.8 | 1.128 |
| 247508.0 | 841972.2 | 133.3 | 31.269 | 18.475 | 30.6 | 36.320 | 16.5 | 28.902 | 1.190 | 1.112 | 43.1 | 1.628 | 22.4 | 0.189 | 1.004 | 79.3 | 1.022 |
| 247507.4 | 841971.5 | 133.3 | 31.382 | 18.531 | 30.6 | 36.445 | 16.4 | 29.002 | 1.204 | 1.112 | 42.7 | 1.639 | 21.4 | 0.122 | 0.986 | 82.9 | 0.993 |
| 247506.7 | 841970.7 | 133.3 | 31.764 | 18.730 | 30.5 | 36.875 | 16.3 | 29.344 | 1.228 | 1.116 | 42.3 | 1.659 | 22.6 | 0.132 | 1.040 | 82.8 | 1.049 |
| 247506.0 | 841970.0 | 133.4 | 32.382 | 19.055 | 30.5 | 37.572 | 16.0 | 29.899 | 1.260 | 1.122 | 41.7 | 1.687 | 25.5 | 0.207 | 1.155 | 79.8 | 1.174 |
| 247505.3 | 841969.3 | 133.6 | 33.011 | 19.384 | 30.4 | 38.281 | 15.8 | 30.463 | 1.294 | 1.129 | 41.1 | 1.717 | 28.4 | 0.281 | 1.265 | 77.5 | 1.296 |
| 247504.6 | 841968.6 | 133.7 | 33.606 | 19.694 | 30.4 | 38.951 | 15.5 | 30.997 | 1.327 | 1.135 | 40.6 | 1.746 | 30.7 | 0.341 | 1.358 | 75.9 | 1.401 |
| 247503.9 | 841967.8 | 133.9 | 34.921 | 20.382 | 30.3 | 40.433 | 15.0 | 32.176 | 1.396 | 1.154 | 39.6 | 1.811 | 38.2 | 0.612 | 1.631 | 69.4 | 1.742 |
| 247503.2 | 841967.1 | 134.1 | 36.089 | 20.988 | 30.2 | 41.748 | 14.5 | 33.222 | 1.463 | 1.171 | 38.7 | 1.874 | 44.0 | 0.832 | 1.848 | 65.8 | 2.027 |
| 247502.5 | 841966.4 | 134.2 | 36.804 | 21.353 | 30.1 | 42.549 | 14.2 | 33.860 | 1.505 | 1.181 | 38.1 | 1.913 | 46.3 | 0.918 | 1.945 | 64.7 | 2.151 |
| 247501.8 | 841965.7 | 134.3 | 37.208 | 21.555 | 30.1 | 43.001 | 14.1 | 34.219 | 1.529 | 1.186 | 37.8 | 1.934 | 46.6 | 0.915 | 1.962 | 65.0 | 2.165 |
| 247501.1 | 841964.9 | 134.2 | 36.902 | 21.388 | 30.1 | 42.652 | 14.2 | 33.941 | 1.511 | 1.177 | 37.9 | 1.915 | 42.4 | 0.705 | 1.810 | 68.7 | 1.942 |
| 247500.5 | 841964.2 | 134.0 | 36.514 | 21.178 | 30.1 | 42.211 | 14.4 | 33.590 | 1.491 | 1.167 | 38.0 | 1.893 | 37.6 | 0.466 | 1.635 | 74.1 | 1.700 |

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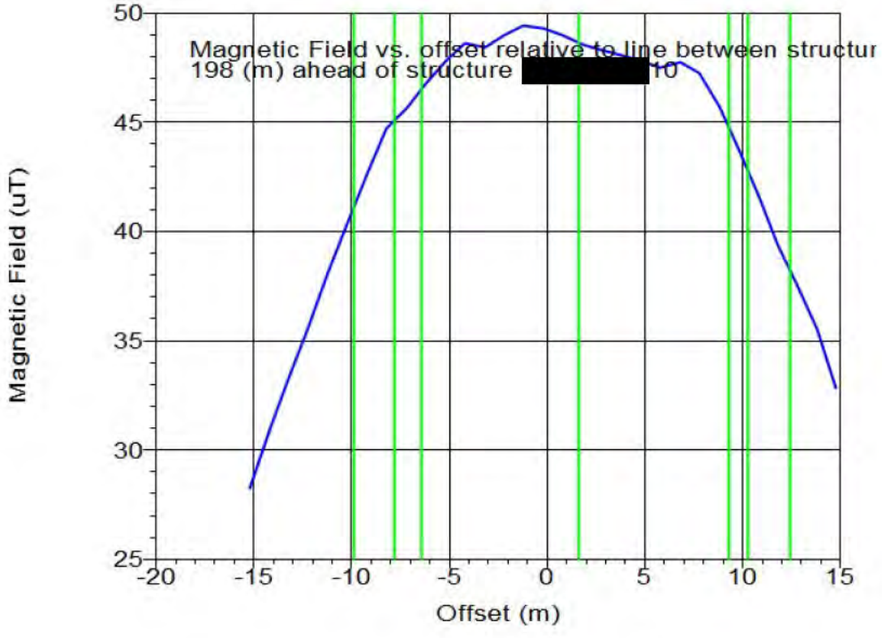
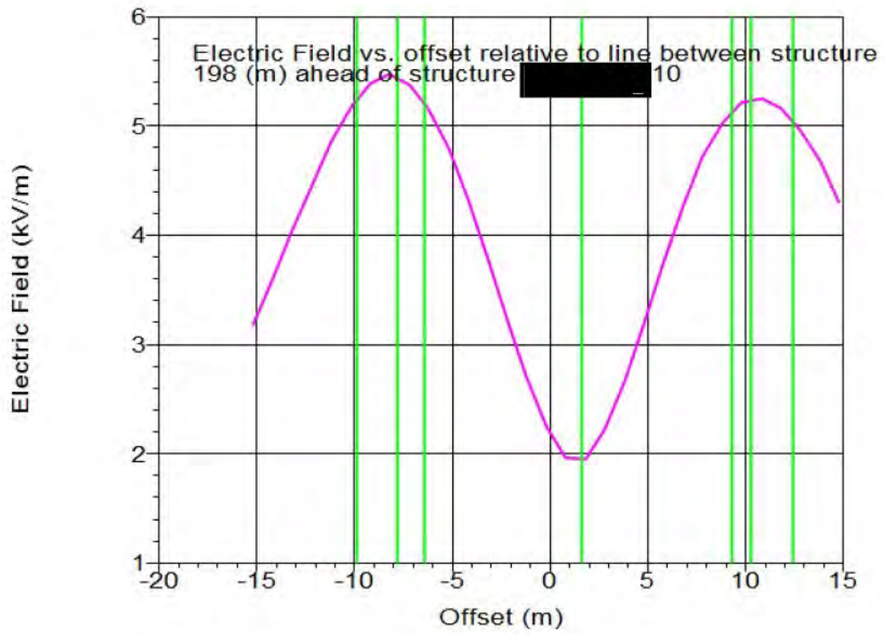
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247499.8 | 841963.5 | 134.0 | 36.495 | 21.160 | 30.1 | 42.186 | 14.4 | 33.571 | 1.492 | 1.163 | 37.9 | 1.892 | 35.1 | 0.336 | 1.547 | 77.7 | 1.584 |
| 247499.1 | 841962.8 | 134.0 | 37.032 | 21.431 | 30.1 | 42.786 | 14.2 | 34.048 | 1.521 | 1.169 | 37.5 | 1.918 | 36.4 | 0.377 | 1.594 | 76.7 | 1.638 |
| 247498.4 | 841962.1 | 134.0 | 37.200 | 21.509 | 30.0 | 42.970 | 14.2 | 34.195 | 1.531 | 1.167 | 37.3 | 1.925 | 35.3 | 0.307 | 1.551 | 78.8 | 1.581 |
| 247497.7 | 841961.3 | 134.0 | 37.496 | 21.653 | 30.0 | 43.299 | 14.1 | 34.456 | 1.547 | 1.168 | 37.1 | 1.938 | 35.1 | 0.280 | 1.539 | 79.7 | 1.564 |
| 247497.0 | 841960.6 | 134.1 | 37.852 | 21.828 | 30.0 | 43.695 | 13.9 | 34.771 | 1.565 | 1.169 | 36.8 | 1.954 | 35.3 | 0.276 | 1.542 | 79.8 | 1.567 |
| 247496.3 | 841959.9 | 134.1 | 38.192 | 21.994 | 29.9 | 44.073 | 13.8 | 35.072 | 1.583 | 1.170 | 36.5 | 1.968 | 35.4 | 0.272 | 1.542 | 80.0 | 1.566 |
| 247495.6 | 841959.2 | 134.1 | 38.532 | 22.160 | 29.9 | 44.450 | 13.7 | 35.372 | 1.601 | 1.170 | 36.2 | 1.982 | 35.6 | 0.272 | 1.544 | 80.0 | 1.568 |
| 247494.9 | 841958.4 | 134.1 | 38.873 | 22.325 | 29.9 | 44.828 | 13.6 | 35.673 | 1.618 | 1.170 | 35.9 | 1.996 | 35.9 | 0.278 | 1.548 | 79.8 | 1.572 |
| 247494.2 | 841957.7 | 134.2 | 39.214 | 22.490 | 29.8 | 45.206 | 13.4 | 35.974 | 1.636 | 1.169 | 35.6 | 2.010 | 36.2 | 0.289 | 1.554 | 79.5 | 1.580 |
| 247493.5 | 841957.0 | 134.2 | 39.558 | 22.655 | 29.8 | 45.587 | 13.3 | 36.277 | 1.653 | 1.168 | 35.3 | 2.024 | 36.6 | 0.307 | 1.563 | 78.9 | 1.593 |
| 247492.9 | 841956.3 | 134.3 | 40.153 | 22.947 | 29.7 | 46.247 | 13.1 | 36.802 | 1.684 | 1.172 | 34.8 | 2.051 | 38.6 | 0.407 | 1.629 | 76.0 | 1.679 |
| 247492.2 | 841955.5 | 134.4 | 40.836 | 23.282 | 29.7 | 47.007 | 12.8 | 37.407 | 1.720 | 1.177 | 34.4 | 2.084 | 41.0 | 0.540 | 1.716 | 72.5 | 1.799 |
| 247491.5 | 841954.8 | 134.4 | 41.132 | 23.421 | 29.7 | 47.333 | 12.7 | 37.666 | 1.737 | 1.175 | 34.1 | 2.097 | 41.2 | 0.560 | 1.722 | 72.0 | 1.811 |
| 247490.8 | 841954.1 | 134.4 | 41.183 | 23.435 | 29.6 | 47.384 | 12.7 | 37.707 | 1.740 | 1.169 | 33.9 | 2.096 | 40.3 | 0.509 | 1.681 | 73.2 | 1.756 |
| 247490.1 | 841953.4 | 134.3 | 41.249 | 23.457 | 29.6 | 47.452 | 12.7 | 37.761 | 1.745 | 1.163 | 33.7 | 2.097 | 39.5 | 0.468 | 1.647 | 74.1 | 1.712 |
| 247489.4 | 841952.6 | 134.2 | 41.040 | 23.342 | 29.6 | 47.214 | 12.8 | 37.572 | 1.736 | 1.153 | 33.6 | 2.084 | 37.2 | 0.346 | 1.560 | 77.5 | 1.598 |
| 247488.7 | 841951.9 | 134.2 | 41.027 | 23.324 | 29.6 | 47.194 | 12.8 | 37.556 | 1.738 | 1.146 | 33.4 | 2.082 | 36.2 | 0.290 | 1.518 | 79.2 | 1.546 |
| 247488.0 | 841951.2 | 134.1 | 40.991 | 23.296 | 29.6 | 47.148 | 12.9 | 37.519 | 1.739 | 1.139 | 33.2 | 2.079 | 35.1 | 0.231 | 1.476 | 81.1 | 1.494 |
| 247487.3 | 841950.5 | 134.1 | 41.149 | 23.364 | 29.6 | 47.320 | 12.8 | 37.656 | 1.750 | 1.136 | 33.0 | 2.086 | 35.1 | 0.241 | 1.478 | 80.7 | 1.498 |
| 247486.6 | 841949.8 | 134.2 | 41.436 | 23.496 | 29.6 | 47.634 | 12.7 | 37.906 | 1.767 | 1.134 | 32.7 | 2.100 | 36.0 | 0.298 | 1.511 | 78.9 | 1.540 |
| 247486.0 | 841949.0 | 134.2 | 41.722 | 23.627 | 29.5 | 47.947 | 12.6 | 38.155 | 1.784 | 1.133 | 32.4 | 2.114 | 36.9 | 0.360 | 1.548 | 76.9 | 1.589 |
| 247485.3 | 841948.3 | 134.2 | 42.161 | 23.834 | 29.5 | 48.432 | 12.5 | 38.541 | 1.810 | 1.135 | 32.1 | 2.137 | 38.7 | 0.478 | 1.618 | 73.5 | 1.688 |
| 247484.6 | 841947.6 | 134.3 | 42.633 | 24.056 | 29.4 | 48.952 | 12.3 | 38.955 | 1.839 | 1.137 | 31.7 | 2.162 | 40.5 | 0.611 | 1.698 | 70.2 | 1.805 |
| 247483.9 | 841946.9 | 134.3 | 42.881 | 24.167 | 29.4 | 49.222 | 12.2 | 39.170 | 1.856 | 1.136 | 31.5 | 2.177 | 41.3 | 0.679 | 1.738 | 68.7 | 1.866 |
| 247483.2 | 841946.1 | 134.2 | 42.648 | 24.040 | 29.4 | 48.956 | 12.3 | 38.958 | 1.848 | 1.127 | 31.4 | 2.164 | 40.0 | 0.600 | 1.688 | 70.4 | 1.792 |
| 247482.5 | 841945.4 | 134.2 | 42.658 | 24.033 | 29.4 | 48.962 | 12.3 | 38.963 | 1.853 | 1.122 | 31.2 | 2.166 | 39.8 | 0.603 | 1.691 | 70.4 | 1.795 |
| 247481.8 | 841944.7 | 134.1 | 42.713 | 24.048 | 29.4 | 49.017 | 12.3 | 39.007 | 1.861 | 1.117 | 31.0 | 2.170 | 39.9 | 0.623 | 1.707 | 69.9 | 1.817 |
| 247481.1 | 841944.0 | 134.1 | 42.639 | 23.999 | 29.4 | 48.929 | 12.4 | 38.936 | 1.862 | 1.111 | 30.8 | 2.169 | 39.5 | 0.607 | 1.703 | 70.4 | 1.808 |
| 247480.4 | 841943.2 | 134.0 | 42.514 | 23.926 | 29.4 | 48.784 | 12.4 | 38.821 | 1.862 | 1.104 | 30.7 | 2.165 | 38.9 | 0.577 | 1.694 | 71.2 | 1.789 |
| 247479.7 | 841942.5 | 134.0 | 42.244 | 23.781 | 29.4 | 48.478 | 12.6 | 38.578 | 1.854 | 1.095 | 30.6 | 2.153 | 37.7 | 0.502 | 1.661 | 73.2 | 1.736 |
| 247479.0 | 841941.8 | 133.9 | 42.214 | 23.755 | 29.4 | 48.439 | 12.6 | 38.546 | 1.860 | 1.090 | 30.4 | 2.156 | 37.7 | 0.508 | 1.680 | 73.2 | 1.755 |
| 247478.4 | 841941.1 | 133.9 | 42.205 | 23.738 | 29.4 | 48.423 | 12.6 | 38.534 | 1.867 | 1.086 | 30.2 | 2.160 | 37.8 | 0.524 | 1.706 | 72.9 | 1.785 |
| 247477.7 | 841940.4 | 133.9 | 42.193 | 23.720 | 29.3 | 48.404 | 12.7 | 38.518 | 1.875 | 1.082 | 30.0 | 2.165 | 38.0 | 0.542 | 1.737 | 72.7 | 1.820 |
| 247477.0 | 841939.6 | 133.8 | 42.178 | 23.701 | 29.3 | 48.381 | 12.7 | 38.500 | 1.883 | 1.078 | 29.8 | 2.170 | 38.2 | 0.563 | 1.771 | 72.4 | 1.858 |
| 247476.3 | 841938.9 | 133.8 | 42.009 | 23.606 | 29.3 | 48.187 | 12.8 | 38.346 | 1.883 | 1.071 | 29.6 | 2.166 | 37.8 | 0.536 | 1.780 | 73.2 | 1.859 |
| 247475.6 | 841938.2 | 133.6 | 41.529 | 23.360 | 29.4 | 47.648 | 13.0 | 37.917 | 1.867 | 1.060 | 29.6 | 2.146 | 36.0 | 0.409 | 1.734 | 76.7 | 1.781 |
| 247474.9 | 841937.5 | 133.6 | 41.434 | 23.301 | 29.4 | 47.536 | 13.1 | 37.828 | 1.870 | 1.055 | 29.4 | 2.147 | 36.1 | 0.414 | 1.765 | 76.8 | 1.813 |
| 247474.2 | 841936.7 | 133.5 | 41.365 | 23.256 | 29.3 | 47.454 | 13.1 | 37.763 | 1.876 | 1.051 | 29.3 | 2.150 | 36.4 | 0.433 | 1.805 | 76.5 | 1.856 |
| 247473.5 | 841936.0 | 133.5 | 41.369 | 23.246 | 29.3 | 47.453 | 13.1 | 37.762 | 1.885 | 1.049 | 29.1 | 2.157 | 37.0 | 0.482 | 1.862 | 75.5 | 1.923 |
| 247472.8 | 841935.3 | 133.5 | 41.294 | 23.198 | 29.3 | 47.363 | 13.2 | 37.691 | 1.890 | 1.046 | 29.0 | 2.160 | 37.4 | 0.508 | 1.907 | 75.1 | 1.974 |
| 247472.1 | 841934.6 | 133.4 | 40.957 | 23.022 | 29.3 | 46.984 | 13.3 | 37.389 | 1.881 | 1.037 | 28.9 | 2.148 | 36.6 | 0.451 | 1.907 | 76.7 | 1.959 |
| 247471.5 | 841933.8 | 133.3 | 40.605 | 22.838 | 29.4 | 46.587 | 13.5 | 37.072 | 1.872 | 1.029 | 28.8 | 2.136 | 35.9 | 0.391 | 1.906 | 78.4 | 1.946 |
| 247470.8 | 841933.1 | 133.2 | 40.243 | 22.650 | 29.4 | 46.179 | 13.7 | 36.748 | 1.862 | 1.021 | 28.7 | 2.123 | 35.2 | 0.332 | 1.907 | 80.1 | 1.936 |
| 247470.1 | 841932.4 | 133.1 | 40.064 | 22.551 | 29.4 | 45.975 | 13.8 | 36.586 | 1.861 | 1.017 | 28.6 | 2.121 | 35.4 | 0.342 | 1.946 | 80.0 | 1.976 |
| 247469.4 | 841931.7 | 133.1 | 40.125 | 22.569 | 29.4 | 46.037 | 13.8 | 36.635 | 1.873 | 1.017 | 28.5 | 2.131 | 36.6 | 0.440 | 2.033 | 77.8 | 2.080 |
| 247468.7 | 841930.9 | 133.1 | 39.868 | 22.432 | 29.4 | 45.745 | 13.9 | 36.403 | 1.869 | 1.011 | 28.4 | 2.125 | 36.5 | 0.429 | 2.063 | 78.2 | 2.107 |
| 247468.0 | 841930.2 | 133.0 | 39.609 | 22.295 | 29.4 | 45.452 | 14.0 | 36.170 | 1.865 | 1.006 | 28.3 | 2.118 | 36.5 | 0.421 | 2.095 | 78.6 | 2.137 |
| 247467.3 | 841929.5 | 132.8 | 39.033 | 22.002 | 29.4 | 44.807 | 14.3 | 35.656 | 1.844 | 0.994 | 28.3 | 2.095 | 35.1 | 0.303 | 2.070 | 81.7 | 2.092 |
| 247466.6 | 841928.8 | 132.7 | 38.525 | 21.743 | 29.4 | 44.237 | 14.5 | 35.203 | 1.828 | 0.984 | 28.3 | 2.076 | 34.1 | 0.209 | 2.059 | 84.2 | 2.070 |
| 247465.9 | 841928.1 | 132.7 | 38.549 | 21.743 | 29.4 | 44.258 | 14.5 | 35.219 | 1.838 | 0.984 | 28.2 | 2.085 | 35.4 | 0.309 | 2.154 | 81.8 | 2.176 |
| 247465.2 | 841927.3 | 132.6 | 38.091 | 21.508 | 29.5 | 43.743 | 14.7 | 34.810 | 1.824 | 0.975 | 28.1 | 2.069 | 34.7 | 0.235 | 2.158 | 83.8 | 2.171 |
| 247464.5 | 841926.6 | 132.4 | 37.270 | 21.095 | 29.5 | 42.826 | 15.1 | 34.080 | 1.794 | 0.959 | 28.1 | 2.034 | 32.2 | 0.025 | 2.092 | 89.3 | 2.093 |
| 247463.9 | 841925.9 | 132.3 | 37.063 | 20.982 | 29.5 | 42.590 | 15.2 | 33.892 | 1.793 | 0.955 | 28.0 | 2.032 | 32.6 | 0.042 | 2.150 | 88.9 | 2.150 |
| 247463.2 | 841925.2 | 132.3 | 36.839 | 20.861 | 29.5 | 42.335 | 15.3 | 33.689 | 1.792 | 0.951 | 27.9 | 2.029 | 33.0 | 0.051 | 2.206 | 88.7 | 2.206 |
| 247462.5 | 841924.4 | 132.2 | 36.411 | 20.640 | 29.5 | 41.855 | 15.5 | 33.307 | 1.782 | 0.943 | 27.9 | 2.016 | 32.4 | -0.018 | 2.223 | -89.5 | 2.223 |
| 247461.8 | 841923.7 | 132.0 | 35.935 | 20.395 | 29.6 | 41.320 | 15.8 | 32.881 | 1.770 | 0.934 | 27.8 | 2.001 | 31.6 | -0.110 | 2.232 | -87.2 | 2.234 |
| 247461.1 | 841923.0 | 131.9 | 35.328 | 20.085 | 29.6 | 40.638 | 16.0 | 32.339 | 1.753 | 0.922 | 27.7 | 1.981 | 30.2 | -0.256 | 2.214 | -83.4 | 2.229 |
| 247460.4 | 841922.3 | 131.6 | 34.406 | 19.618 | 29.7 | 39.606 | 16.5 | 31.518 | 1.724 | 0.906 | 27.7 | 1.948 | 27.0 | -0.534 | 2.131 | -75.9 | 2.197 |
| 247459.7 | 841921.5 | 131.5 | 33.695 | 19.254 | 29.7 | 38.808 | 16.8 | 30.882 | 1.706 | 0.894 | 27.6 | 1.926 | 24.8 | -0.738 | 2.089 | -70.5 | 2.216 |
| 247459.0 | 841920.8 | 131.3 | 33.102 | 18.949 | 29.8 | 38.142 | 17.1 | 30.352 | 1.694 | 0.884 | 27.5 | 1.911 | 23.2 | -0.900 | 2.072 | -66.5 | 2.259 |
| 247458.3 | 841920.1 | 131.2 | 32.655 | 18.716 | 29.8 | 37.638 | 17.3 | 29.951 | 1.687 | 0.876 | 27.4 | 1.901 | 22.4 | -1.007 | 2.086 | -64.2 | 2.316 |
| 247457.6 | 841919.4 | 131.1 | 32.231 | 18.494 | 29.8 | 37.160 | 17.5 | 29.571 | 1.682 | 0.869 | 27.3 | 1.893 | 21.7 | -1.107 | 2.104 | -62.3 | 2.377 |
| 247457.0 | 841918.7 | 131.0 | 31.919 | 18.328 | 29.9 | 36.806 | 17.7 | 29.290 | 1.680 | 0.863 | 27.2 | 1.889 | 21.6 | -1.161 | 2.146 | -61.6 | 2.440 |
| 247456.3 | 841917.9 | 130.9 | 31.846 | 18.281 | 29.9 | 36.720 | 17.7 | 29.221 | 1.685 | 0.861 | 27.1 | 1.893 | 22.9 | -1.113 | 2.240 | -63.6 | 2.501 |
| 247455.6 | 841917.2 | 130.9 | 31.757 | 18.227 | 29.9 | 36.616 | 17.8 | 29.138 | 1.690 | 0.860 | 27.0 | 1.896 | 24.0 | -1.070 | 2.330 | -65.3 | 2.564 |
| 247454.9 | 841916.5 | 130.9 | 31.660 | 18.169 | 29.9 | 36.503 | 17.9 | 29.048 | 1.695 | 0.858 | 26.9 | 1.900 | 25.1 | -1.028 | 2.417 | -66.9 | 2.627 |
| 247454.2 | 841915.8 | 130.8 | 31.327 | 17.992 | 29.9 | 36.126 | 18.0 | 28.748 | 1.690 | 0.853 | 26.8 | 1.893 | 24.9 | -1.089 | 2.451 | -66.1 | 2.682 |
| 247453.5 | 841915.0 | 130.6 | 30.684 | 17.659 | 29.9 | 35.403 | 18.3 | 28.172 | 1.675 | 0.842 | 26.7 | 1.875 | 23.0 | -1.286 | 2.415 | -62.0 | 2.737 |
| 247452.8 | 841914.3 | 130.5 | 30.257 | 17.433 | 29.9 | 34.920 | 18.6 | 27.789 | 1.666 | 0.835 | 26.6 | 1.864 | 22.3 | -1.387 | 2.426 | -60.2 | 2.794 |
| 247452.1 | 841913.6 | 130.4 | 29.744 | 17.164 | 30.0 | 34.341 | 18.8 | 27.328 | 1.655 | 0.827 | 26.5 | 1.850 | 21.0 | -1.527 | 2.415 | -57.7 | 2.857 |
| 247451.4 | 841912.9 | 130.2 | 29.292 | 16.926 | 30.0 | 33.831 | 19.1 | 26.922 | 1.645 | 0.819 | 26.5 | 1.838 | 20.1 | -1.636 | 2.417 | -55.9 | 2.919 |
| 247450.7 | 841912.1 | 130.1 | 28.901 | 16.717 | 30.0 | 33.387 | 19.3 | 26.569 | 1.636 | 0.812 | 26.4 | 1.827 | 19.6 | -1.715 | 2.431 | -54.8 | 2.975 |
| 247450.0 | 841911.4 | 130.0 | 28.596 | 16.553 | 30.1 | 33.042 | 19.5 | 26.294 | 1.629 | 0.807 | 26.3 | 1.818 | 19.6 | -1.750 | 2.465 | -54.6 | 3.023 |
| 247449.4 | 841910.7 | 130.0 | 28.431 | 16.459 | 30.1 | 32.851 | 19.6 | 26.142 | 1.625 | 0.803 | 26.3 | 1.813 | 20.4 | -1.713 | 2.531 | -55.9 | 3.056 |
| 247448.7 | 841910.0 | 129.9 | 28.074 | 16.267 | 30.1 | 32.446 | 19.8 | 25.820 | 1.615 | 0.797 | 26.3 | 1.801 | 20.1 | -1.766 | 2.551 | -55.3 | 3.102 |
| 247448.0 | 841909.2 | 129.8 | 27.805 | 16.120 | 30.1 | 32.140 | 20.0 | 25.576 | 1.608 | 0.791 | 26.2 | 1.792 | 20.3 | -1.772 | 2.590 | -55.6 | 3.139 |
| 247447.3 | 841908.5 | 129.7 | 27.535 | 15.973 | 30.1 | 31.833 | 20.1 | 25.332 | 1.600 | 0.786 | 26.2 | 1.782 | 20.5 | -1.776 | 2.629 | -56.0 | 3.173 |
| 247446.6 | 841907.8 | 129.6 | 27.263 | 15.824 | 30.1 | 31.523 | 20.3 | 25.085 | 1.591 | 0.781 | 26.1 | 1.773 | 20.7 | -1.778 | 2.667 | -56.3 | 3.205 |
| 247445.9 | 841907.1 | 129.6 | 27.140 | 15.751 | 30.1 | 31.379 | 20.4 | 24.971 | 1.587 | 0.778 | 26.1 | 1.768 | 21.8 | -1.703 | 2.738 | -58.1 | 3.225 |
| 247445.2 | 841906.4 | 129.5 | 26.786 | 15.560 | 30.2 | 30.977 | 20.6 | 24.651 | 1.576 | 0.772 | 26.1 | 1.755 | 21.6 | -1.739 | 2.754 | -57.7 | 3.257 |
| 247444.5 | 841905.6 | 129.4 | 26.431 | 15.369 | 30.2 | 30.575 | 20.9 | 24.331 | 1.565 | 0.765 | 26.1 | 1.742 | 21.4 | -1.774 | 2.768 | -57.3 | 3.288 |
| 247443.8 | 841904.9 | 129.3 | 26.076 | 15.177 | 30.2 | 30.171 | 21.1 | 24.009 | 1.553 | 0.759 | 26.0 | 1.729 | 21.1 | -1.807 | 2.781 | -57.0 | 3.317 |
| 247443.1 | 841904.2 | 129.2 | 25.699 | 14.975 | 30.2 | 29.744 | 21.4 | 23.669 | 1.541 | 0.752 | 26.0 | 1.715 | 20.8 | -1.848 | 2.787 | -56.5 | 3.344 |
| 247442.4 | 841903.5 | 129.1 | 25.274 | 14.748 | 30.3 | 29.262 | 21.6 | 23.286 | 1.527 | 0.745 | 26.0 | 1.699 | 20.2 | -1.911 | 2.779 | -55.5 | 3.373 |
| 247441.8 | 841902.7 | 128.9 | 24.811 | 14.503 | 30.3 | 28.739 | 21.9 | 22.870 | 1.512 | 0.737 | 26.0 | 1.682 | 19.4 | -1.990 | 2.761 | -54.2 | 3.403 |
| 247441.1 | 841902.0 | 128.8 | 24.340 | 14.253 | 30.4 | 28.206 | 22.2 | 22.446 | 1.496 | 0.729 | 26.0 | 1.665 | 18.6 | -2.071 | 2.738 | -52.9 | 3.433 |
| 247440.4 | 841901.3 | 128.6 | 23.825 | 13.982 | 30.4 | 27.625 | 22.6 | 21.983 | 1.479 | 0.721 | 26.0 | 1.645 | 17.6 | -2.171 | 2.701 | -51.2 | 3.465 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247439.7 | 841900.6 | 128.6 | 23.547 | 13.833 | 30.4 | 27.309 | 22.8 | 21.732 | 1.465 | 0.717 | 26.1 | 1.632 | 18.0 | -2.139 | 2.724 | -51.9 | 3.463 |
| 247439.0 | 841899.8 | 128.5 | 23.266 | 13.684 | 30.5 | 26.992 | 23.0 | 21.480 | 1.451 | 0.713 | 26.2 | 1.617 | 18.6 | -2.101 | 2.745 | -52.6 | 3.457 |
| 247438.3 | 841899.1 | 128.4 | 22.978 | 13.531 | 30.5 | 26.666 | 23.2 | 21.220 | 1.435 | 0.709 | 26.3 | 1.600 | 19.1 | -2.060 | 2.763 | -53.3 | 3.447 |
| 247437.6 | 841898.4 | 128.4 | 22.679 | 13.376 | 30.5 | 26.330 | 23.4 | 20.953 | 1.417 | 0.705 | 26.4 | 1.583 | 19.7 | -2.017 | 2.778 | -54.0 | 3.433 |
| 247436.9 | 841897.7 | 128.3 | 22.357 | 13.210 | 30.6 | 25.968 | 23.6 | 20.665 | 1.397 | 0.701 | 26.6 | 1.563 | 20.2 | -1.978 | 2.786 | -54.6 | 3.416 |
| 247436.2 | 841897.0 | 128.3 | 22.107 | 13.083 | 30.6 | 25.688 | 23.8 | 20.442 | 1.378 | 0.698 | 26.9 | 1.544 | 21.3 | -1.892 | 2.812 | -56.1 | 3.389 |
| 247435.5 | 841896.2 | 128.2 | 21.671 | 12.864 | 30.7 | 25.202 | 24.1 | 20.055 | 1.352 | 0.692 | 27.1 | 1.519 | 21.3 | -1.898 | 2.789 | -55.8 | 3.373 |
| 247434.9 | 841895.5 | 128.0 | 21.163 | 12.611 | 30.8 | 24.635 | 24.4 | 19.604 | 1.323 | 0.684 | 27.4 | 1.489 | 20.9 | -1.934 | 2.746 | -54.8 | 3.358 |
| 247434.2 | 841894.8 | 127.9 | 20.569 | 12.316 | 30.9 | 23.974 | 24.7 | 19.078 | 1.289 | 0.675 | 27.6 | 1.455 | 20.1 | -2.007 | 2.678 | -53.1 | 3.347 |
| 247433.5 | 841894.1 | 127.7 | 19.858 | 11.964 | 31.1 | 23.184 | 25.0 | 18.449 | 1.252 | 0.665 | 28.0 | 1.417 | 18.6 | -2.138 | 2.574 | -50.3 | 3.346 |
| 247432.8 | 841893.3 | 127.4 | 19.153 | 11.617 | 31.2 | 22.400 | 25.3 | 17.826 | 1.213 | 0.654 | 28.3 | 1.378 | 17.2 | -2.258 | 2.469 | -47.6 | 3.346 |
| 247432.1 | 841892.6 | 127.2 | 18.475 | 11.287 | 31.4 | 21.650 | 25.6 | 17.228 | 1.173 | 0.644 | 28.8 | 1.338 | 16.1 | -2.356 | 2.369 | -45.2 | 3.341 |
| 247431.4 | 841891.9 | 127.1 | 18.027 | 11.079 | 31.6 | 21.159 | 25.7 | 16.838 | 1.135 | 0.637 | 29.3 | 1.301 | 16.6 | -2.316 | 2.338 | -45.3 | 3.291 |
| 247430.7 | 841891.2 | 127.1 | 17.622 | 10.898 | 31.7 | 20.720 | 25.7 | 16.489 | 1.094 | 0.630 | 29.9 | 1.263 | 17.5 | -2.243 | 2.321 | -46.0 | 3.228 |
| 247430.0 | 841890.4 | 127.0 | 17.163 | 10.691 | 31.9 | 20.221 | 25.6 | 16.091 | 1.051 | 0.622 | 30.6 | 1.221 | 18.1 | -2.196 | 2.288 | -46.2 | 3.171 |
| 247429.3 | 841889.7 | 126.9 | 16.623 | 10.443 | 32.1 | 19.631 | 25.6 | 15.622 | 1.004 | 0.613 | 31.4 | 1.176 | 18.2 | -2.191 | 2.227 | -45.5 | 3.124 |
| 247428.6 | 841889.0 | 126.7 | 16.020 | 10.161 | 32.4 | 18.971 | 25.4 | 15.096 | 0.954 | 0.602 | 32.2 | 1.128 | 17.9 | -2.218 | 2.143 | -44.0 | 3.084 |
| 247427.9 | 841888.3 | 126.6 | 15.587 | 9.972 | 32.6 | 18.504 | 25.1 | 14.725 | 0.905 | 0.592 | 33.2 | 1.082 | 18.8 | -2.151 | 2.115 | -44.5 | 3.016 |
| 247427.3 | 841887.5 | 126.5 | 15.032 | 9.714 | 32.9 | 17.898 | 24.8 | 14.242 | 0.853 | 0.581 | 34.3 | 1.032 | 18.7 | -2.154 | 2.041 | -43.5 | 2.967 |
| 247426.6 | 841886.8 | 126.4 | 14.487 | 9.457 | 33.1 | 17.300 | 24.3 | 13.767 | 0.800 | 0.569 | 35.4 | 0.982 | 18.6 | -2.160 | 1.964 | -42.3 | 2.919 |
| 247425.9 | 841886.1 | 126.2 | 13.962 | 9.206 | 33.4 | 16.724 | 23.7 | 13.308 | 0.747 | 0.557 | 36.7 | 0.932 | 18.4 | -2.164 | 1.886 | -41.1 | 2.870 |
| 247425.2 | 841885.4 | 126.1 | 13.539 | 9.007 | 33.6 | 16.261 | 23.0 | 12.940 | 0.695 | 0.546 | 38.2 | 0.884 | 18.6 | -2.128 | 1.839 | -40.8 | 2.813 |
| 247424.5 | 841884.7 | 126.0 | 13.206 | 8.854 | 33.8 | 15.899 | 22.2 | 12.652 | 0.645 | 0.536 | 39.7 | 0.839 | 19.2 | -2.064 | 1.821 | -41.4 | 2.753 |
| 247423.8 | 841883.9 | 126.0 | 12.907 | 8.713 | 34.0 | 15.573 | 21.4 | 12.393 | 0.597 | 0.527 | 41.4 | 0.796 | 19.7 | -2.008 | 1.807 | -42.0 | 2.701 |
| 247423.1 | 841883.2 | 125.9 | 12.632 | 8.577 | 34.2 | 15.269 | 20.5 | 12.151 | 0.550 | 0.518 | 43.3 | 0.756 | 19.9 | -1.969 | 1.790 | -42.3 | 2.661 |
| 247422.4 | 841882.5 | 125.8 | 12.409 | 8.463 | 34.3 | 15.020 | 19.6 | 11.953 | 0.507 | 0.511 | 45.2 | 0.720 | 20.0 | -1.937 | 1.781 | -42.6 | 2.632 |
| 247421.7 | 841881.8 | 125.7 | 12.161 | 8.321 | 34.4 | 14.735 | 18.9 | 11.726 | 0.464 | 0.507 | 47.5 | 0.688 | 18.7 | -1.951 | 1.741 | -41.7 | 2.615 |
| 247421.0 | 841881.0 | 125.6 | 12.034 | 8.244 | 34.4 | 14.587 | 18.1 | 11.608 | 0.427 | 0.506 | 49.8 | 0.662 | 18.3 | -1.946 | 1.741 | -41.8 | 2.611 |
| 247420.4 | 841880.3 | 125.5 | 11.999 | 8.216 | 34.4 | 14.542 | 17.5 | 11.572 | 0.395 | 0.509 | 52.2 | 0.644 | 18.7 | -1.942 | 1.767 | -42.3 | 2.625 |
| 247419.7 | 841879.6 | 125.3 | 11.952 | 8.173 | 34.4 | 14.479 | 17.1 | 11.522 | 0.363 | 0.517 | 54.9 | 0.632 | 17.6 | -1.979 | 1.766 | -41.7 | 2.652 |
| 247419.0 | 841878.9 | 125.2 | 12.023 | 8.200 | 34.3 | 14.553 | 16.8 | 11.581 | 0.338 | 0.531 | 57.5 | 0.629 | 18.4 | -2.011 | 1.807 | -41.9 | 2.703 |
| 247418.3 | 841878.1 | 125.2 | 12.193 | 8.288 | 34.2 | 14.743 | 16.7 | 11.732 | 0.318 | 0.550 | 60.0 | 0.635 | 20.7 | -2.048 | 1.883 | -42.6 | 2.782 |

Max EF along centerline is 2.177 (kV/m) at 198.000 (m) from structure [redacted]-10

Cross section results at max EF along centerline between structures [redacted]-10 and [redacted]-11






3D EMF Point Results Span from [redacted]-10 to [redacted]-11:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 247494.9 | 841936.4 | 134.2 | 25.228 | 12.684 | 26.7 | 28.237 | 36.0 | 22.470 | 2.947 | 1.154 | 21.4 | 3.165 | 5.0 | 2.888 | -1.410 | -26.0 | 3.214 |
| 247494.2 | 841937.1 | 134.3 | 27.822 | 13.503 | 25.9 | 30.925 | 34.2 | 24.610 | 3.409 | 1.148 | 18.6 | 3.597 | 5.1 | 3.691 | -1.526 | -22.5 | 3.994 |
| 247493.4 | 841937.7 | 134.3 | 30.148 | 14.195 | 25.2 | 33.322 | 32.3 | 26.517 | 3.877 | 1.120 | 16.1 | 4.035 | 4.6 | 4.119 | -1.471 | -19.7 | 4.374 |
| 247492.7 | 841938.4 | 134.3 | 32.498 | 14.891 | 24.6 | 35.748 | 30.3 | 28.447 | 4.333 | 1.074 | 13.9 | 4.464 | 4.1 | 4.518 | -1.392 | -17.1 | 4.727 |
| 247492.0 | 841939.1 | 134.3 | 34.790 | 15.586 | 24.1 | 38.122 | 28.2 | 30.336 | 4.747 | 1.009 | 12.0 | 4.853 | 3.7 | 4.844 | -1.286 | -14.9 | 5.012 |
| 247491.3 | 841939.8 | 134.3 | 37.051 | 16.308 | 23.8 | 40.482 | 26.2 | 32.214 | 5.089 | 0.927 | 10.3 | 5.173 | 3.5 | 5.177 | -1.175 | -12.8 | 5.309 |
| 247490.5 | 841940.5 | 134.3 | 39.104 | 17.032 | 23.5 | 42.653 | 24.2 | 33.942 | 5.321 | 0.830 | 8.9 | 5.386 | 3.3 | 5.392 | -1.038 | -10.9 | 5.491 |
| 247489.8 | 841941.2 | 134.3 | 41.032 | 17.804 | 23.5 | 44.728 | 22.2 | 35.593 | 5.422 | 0.722 | 7.6 | 5.470 | 3.4 | 5.608 | -0.893 | -9.0 | 5.679 |
| 247489.1 | 841941.9 | 134.2 | 41.812 | 18.363 | 23.7 | 45.667 | 20.5 | 36.341 | 5.344 | 0.595 | 6.4 | 5.377 | 3.4 | 4.978 | -0.642 | -7.3 | 5.020 |
| 247488.4 | 841942.6 | 134.2 | 42.705 | 19.062 | 24.1 | 46.766 | 18.8 | 37.215 | 5.128 | 0.467 | 5.2 | 5.149 | 3.9 | 4.631 | -0.425 | -5.2 | 4.651 |
| 247487.6 | 841943.3 | 134.3 | 43.485 | 19.848 | 24.5 | 47.800 | 17.2 | 38.038 | 4.781 | 0.357 | 4.3 | 4.794 | 4.9 | 4.339 | -0.192 | -2.5 | 4.343 |
| 247486.9 | 841944.0 | 134.3 | 43.983 | 20.675 | 25.2 | 48.600 | 15.7 | 38.674 | 4.323 | 0.310 | 4.1 | 4.334 | 6.8 | 3.934 | 0.083 | 1.2 | 3.934 |
| 247486.2 | 841944.7 | 134.2 | 43.512 | 21.292 | 26.1 | 48.442 | 14.6 | 38.549 | 3.764 | 0.365 | 5.5 | 3.781 | 9.3 | 2.962 | 0.395 | 7.6 | 2.988 |
| 247485.5 | 841945.3 | 134.3 | 43.653 | 22.224 | 27.0 | 48.985 | 13.5 | 38.981 | 3.182 | 0.552 | 9.8 | 3.230 | 14.7 | 2.432 | 0.766 | 17.5 | 2.549 |
| 247484.7 | 841946.0 | 134.3 | 43.648 | 23.214 | 28.0 | 49.437 | 12.7 | 39.341 | 2.585 | 0.798 | 17.2 | 2.706 | 23.9 | 1.786 | 1.213 | 34.2 | 2.159 |
| 247484.0 | 841946.7 | 134.3 | 43.043 | 24.021 | 29.2 | 49.292 | 12.2 | 39.225 | 1.977 | 1.077 | 28.6 | 2.251 | 38.0 | 0.870 | 1.653 | 62.2 | 1.868 |
| 247483.3 | 841947.4 | 134.2 | 42.238 | 24.757 | 30.4 | 48.958 | 12.1 | 38.960 | 1.395 | 1.391 | 44.9 | 1.970 | 53.7 | -0.050 | 2.076 | -88.6 | 2.076 |
| 247482.6 | 841948.1 | 134.1 | 41.330 | 25.426 | 31.6 | 48.524 | 12.3 | 38.615 | 0.896 | 1.738 | 62.7 | 1.955 | 47.5 | -0.889 | 2.456 | -70.1 | 2.612 |
| 247481.9 | 841948.8 | 134.1 | 40.585 | 26.165 | 32.8 | 48.289 | 12.7 | 38.427 | 0.683 | 2.114 | 72.1 | 2.222 | 29.6 | -1.605 | 2.864 | -60.7 | 3.283 |
| 247481.1 | 841949.5 | 134.0 | 39.827 | 26.859 | 34.0 | 48.037 | 13.3 | 38.227 | 0.905 | 2.509 | 70.2 | 2.668 | 17.1 | -2.229 | 3.246 | -55.5 | 3.938 |
| 247480.4 | 841950.2 | 133.9 | 39.080 | 27.508 | 35.1 | 47.791 | 14.1 | 38.031 | 1.325 | 2.910 | 65.5 | 3.197 | 10.1 | -2.771 | 3.613 | -52.5 | 4.553 |
| 247479.7 | 841950.9 | 133.9 | 38.288 | 28.060 | 36.2 | 47.469 | 15.1 | 37.775 | 1.771 | 3.297 | 61.8 | 3.743 | 6.3 | -3.235 | 3.944 | -50.6 | 5.101 |
| 247479.0 | 841951.6 | 134.0 | 37.956 | 28.949 | 37.3 | 47.735 | 16.1 | 37.987 | 2.207 | 3.663 | 58.9 | 4.277 | 4.6 | -3.869 | 4.634 | -50.1 | 6.037 |
| 247478.2 | 841952.2 | 134.0 | 37.065 | 29.287 | 38.3 | 47.239 | 17.4 | 37.592 | 2.573 | 3.958 | 57.0 | 4.721 | 3.5 | -4.287 | 4.968 | -49.2 | 6.562 |
| 247477.5 | 841952.9 | 133.8 | 35.450 | 28.822 | 39.1 | 45.688 | 19.1 | 36.357 | 2.856 | 4.146 | 55.4 | 5.034 | 2.7 | -4.288 | 4.712 | -47.7 | 6.371 |
| 247476.8 | 841953.6 | 133.7 | 33.649 | 28.020 | 39.8 | 43.787 | 20.9 | 34.845 | 3.061 | 4.224 | 54.1 | 5.216 | 2.3 | -4.116 | 4.266 | -46.0 | 5.928 |
| 247476.1 | 841954.3 | 133.6 | 31.708 | 26.916 | 40.3 | 41.592 | 22.7 | 33.098 | 3.183 | 4.185 | 52.7 | 5.258 | 2.0 | -3.800 | 3.669 | -44.0 | 5.282 |
| 247475.3 | 841955.0 | 133.5 | 29.834 | 25.735 | 40.8 | 39.400 | 24.6 | 31.354 | 3.227 | 4.038 | 51.4 | 5.169 | 2.0 | -3.511 | 3.145 | -41.9 | 4.713 |
| 247474.6 | 841955.7 | 133.5 | 28.252 | 24.744 | 41.2 | 37.556 | 26.4 | 29.886 | 3.202 | 3.803 | 49.9 | 4.971 | 2.3 | -3.489 | 2.961 | -40.3 | 4.576 |
| 247473.9 | 841956.4 | 133.5 | 26.617 | 23.579 | 41.5 | 35.559 | 28.3 | 28.297 | 3.112 | 3.489 | 48.3 | 4.676 | 2.7 | -3.430 | 2.724 | -38.5 | 4.381 |
| 247473.2 | 841957.1 | 133.4 | 24.552 | 21.795 | 41.6 | 32.830 | 30.1 | 26.125 | 2.967 | 3.114 | 46.4 | 4.301 | 2.5 | -2.868 | 1.956 | -34.3 | 3.472 |

Centerline results between structures [redacted]-5 and [redacted]-6T

3D EMF Point Results Centerline from [redacted]-5 to [redacted]-6T:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 249114.8 | 843631.6 | 78.8 | 9.982 | 6.326 | 32.4 | 11.818 | 24.8 | 9.404 | 0.303 | 0.623 | 64.1 | 0.693 | 22.0 | -0.684 | 1.600 | -66.9 | 1.740 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249114.2 | 843630.8 | 79.0 | 10.095 | 6.386 | 32.3 | 11.945 | 24.7 | 9.505 | 0.319 | 0.618 | 62.7 | 0.696 | 24.3 | -0.634 | 1.676 | -69.3 | 1.792 |
| 249113.7 | 843630.0 | 79.2 | 10.158 | 6.412 | 32.3 | 12.013 | 24.7 | 9.559 | 0.332 | 0.614 | 61.6 | 0.698 | 25.3 | -0.604 | 1.706 | -70.5 | 1.810 |
| 249113.1 | 843629.2 | 79.3 | 10.197 | 6.423 | 32.2 | 12.051 | 24.6 | 9.590 | 0.343 | 0.609 | 60.6 | 0.699 | 25.6 | -0.586 | 1.712 | -71.1 | 1.809 |
| 249112.5 | 843628.3 | 79.4 | 10.247 | 6.439 | 32.1 | 12.102 | 24.4 | 9.631 | 0.354 | 0.604 | 59.6 | 0.700 | 25.9 | -0.567 | 1.720 | -71.8 | 1.811 |
| 249111.9 | 843627.5 | 79.5 | 10.299 | 6.456 | 32.1 | 12.155 | 24.3 | 9.673 | 0.365 | 0.600 | 58.7 | 0.702 | 26.1 | -0.551 | 1.723 | -72.3 | 1.809 |
| 249111.3 | 843626.7 | 79.6 | 10.347 | 6.469 | 32.0 | 12.203 | 24.2 | 9.711 | 0.376 | 0.595 | 57.7 | 0.704 | 26.0 | -0.541 | 1.718 | -72.5 | 1.801 |
| 249110.7 | 843625.9 | 79.6 | 10.391 | 6.479 | 31.9 | 12.245 | 24.0 | 9.744 | 0.386 | 0.591 | 56.9 | 0.706 | 25.6 | -0.537 | 1.706 | -72.5 | 1.788 |
| 249110.2 | 843625.1 | 79.7 | 10.441 | 6.493 | 31.9 | 12.296 | 23.9 | 9.785 | 0.396 | 0.587 | 56.0 | 0.708 | 25.2 | -0.534 | 1.694 | -72.5 | 1.777 |
| 249109.6 | 843624.3 | 79.8 | 10.501 | 6.511 | 31.8 | 12.356 | 23.7 | 9.833 | 0.407 | 0.582 | 55.0 | 0.711 | 24.8 | -0.532 | 1.685 | -72.5 | 1.767 |
| 249109.0 | 843623.5 | 79.8 | 10.546 | 6.521 | 31.7 | 12.399 | 23.5 | 9.867 | 0.417 | 0.578 | 54.2 | 0.713 | 24.0 | -0.540 | 1.663 | -72.0 | 1.748 |
| 249108.4 | 843622.7 | 79.8 | 10.564 | 6.513 | 31.7 | 12.410 | 23.3 | 9.876 | 0.427 | 0.573 | 53.3 | 0.714 | 22.5 | -0.566 | 1.620 | -70.8 | 1.716 |
| 249107.8 | 843621.8 | 79.8 | 10.588 | 6.509 | 31.6 | 12.428 | 23.1 | 9.890 | 0.437 | 0.568 | 52.4 | 0.716 | 21.0 | -0.593 | 1.581 | -69.4 | 1.688 |
| 249107.2 | 843621.0 | 79.8 | 10.622 | 6.510 | 31.5 | 12.458 | 22.9 | 9.914 | 0.447 | 0.563 | 51.5 | 0.719 | 19.6 | -0.620 | 1.546 | -68.1 | 1.666 |
| 249106.7 | 843620.2 | 79.8 | 10.666 | 6.518 | 31.4 | 12.500 | 22.7 | 9.947 | 0.459 | 0.558 | 50.6 | 0.722 | 18.3 | -0.646 | 1.516 | -66.9 | 1.648 |
| 249106.1 | 843619.4 | 79.9 | 10.780 | 6.568 | 31.4 | 12.624 | 22.5 | 10.046 | 0.472 | 0.553 | 49.5 | 0.728 | 18.3 | -0.641 | 1.529 | -67.2 | 1.658 |
| 249105.5 | 843618.6 | 80.0 | 10.901 | 6.622 | 31.3 | 12.755 | 22.3 | 10.150 | 0.487 | 0.549 | 48.4 | 0.733 | 18.4 | -0.635 | 1.543 | -67.6 | 1.669 |
| 249104.9 | 843617.8 | 79.9 | 10.927 | 6.619 | 31.2 | 12.775 | 22.1 | 10.166 | 0.498 | 0.543 | 47.4 | 0.737 | 16.5 | -0.681 | 1.501 | -65.6 | 1.648 |
| 249104.3 | 843617.0 | 80.0 | 11.046 | 6.671 | 31.1 | 12.904 | 21.8 | 10.269 | 0.513 | 0.538 | 46.3 | 0.743 | 16.4 | -0.680 | 1.512 | -65.8 | 1.658 |
| 249103.7 | 843616.2 | 80.1 | 11.180 | 6.732 | 31.1 | 13.050 | 21.6 | 10.385 | 0.528 | 0.532 | 45.2 | 0.750 | 16.5 | -0.673 | 1.530 | -66.3 | 1.671 |
| 249103.2 | 843615.3 | 80.2 | 11.317 | 6.794 | 31.0 | 13.200 | 21.4 | 10.504 | 0.543 | 0.527 | 44.1 | 0.757 | 16.6 | -0.665 | 1.548 | -66.7 | 1.685 |
| 249102.6 | 843614.5 | 80.2 | 11.413 | 6.833 | 30.9 | 13.302 | 21.1 | 10.585 | 0.558 | 0.521 | 43.0 | 0.764 | 16.0 | -0.681 | 1.543 | -66.2 | 1.687 |
| 249102.0 | 843613.7 | 80.2 | 11.494 | 6.863 | 30.8 | 13.387 | 20.9 | 10.653 | 0.573 | 0.515 | 41.9 | 0.770 | 15.0 | -0.706 | 1.531 | -65.3 | 1.686 |
| 249101.4 | 843612.9 | 80.3 | 11.576 | 6.894 | 30.8 | 13.473 | 20.7 | 10.722 | 0.588 | 0.508 | 40.8 | 0.777 | 14.0 | -0.731 | 1.520 | -64.3 | 1.686 |
| 249100.8 | 843612.1 | 80.3 | 11.659 | 6.925 | 30.7 | 13.561 | 20.5 | 10.791 | 0.603 | 0.501 | 39.7 | 0.784 | 13.1 | -0.757 | 1.509 | -63.3 | 1.688 |
| 249100.2 | 843611.3 | 80.3 | 11.738 | 6.954 | 30.6 | 13.643 | 20.3 | 10.857 | 0.618 | 0.494 | 38.6 | 0.791 | 12.1 | -0.787 | 1.496 | -62.3 | 1.690 |
| 249099.7 | 843610.5 | 80.4 | 11.885 | 7.022 | 30.6 | 13.805 | 20.1 | 10.985 | 0.635 | 0.487 | 37.5 | 0.800 | 12.3 | -0.774 | 1.516 | -62.9 | 1.702 |
| 249099.1 | 843609.7 | 80.5 | 12.034 | 7.090 | 30.5 | 13.967 | 19.9 | 11.114 | 0.651 | 0.481 | 36.4 | 0.809 | 12.4 | -0.761 | 1.535 | -63.6 | 1.713 |
| 249098.5 | 843608.8 | 80.5 | 12.183 | 7.159 | 30.4 | 14.131 | 19.7 | 11.245 | 0.668 | 0.474 | 35.3 | 0.819 | 12.6 | -0.745 | 1.554 | -64.4 | 1.723 |
| 249097.9 | 843608.0 | 80.6 | 12.334 | 7.228 | 30.4 | 14.296 | 19.4 | 11.376 | 0.685 | 0.466 | 34.3 | 0.829 | 12.7 | -0.727 | 1.572 | -65.2 | 1.732 |
| 249097.3 | 843607.2 | 80.7 | 12.484 | 7.296 | 30.3 | 14.460 | 19.2 | 11.507 | 0.702 | 0.459 | 33.2 | 0.838 | 12.8 | -0.708 | 1.588 | -66.0 | 1.739 |
| 249096.7 | 843606.4 | 80.8 | 12.611 | 7.351 | 30.2 | 14.597 | 19.0 | 11.616 | 0.718 | 0.451 | 32.2 | 0.848 | 12.6 | -0.703 | 1.595 | -66.2 | 1.743 |
| 249096.2 | 843605.6 | 80.8 | 12.708 | 7.390 | 30.2 | 14.701 | 18.8 | 11.699 | 0.734 | 0.443 | 31.1 | 0.858 | 12.0 | -0.715 | 1.589 | -65.8 | 1.742 |
| 249095.6 | 843604.8 | 80.8 | 12.814 | 7.433 | 30.1 | 14.814 | 18.6 | 11.789 | 0.750 | 0.435 | 30.1 | 0.867 | 11.5 | -0.721 | 1.586 | -65.6 | 1.742 |
| 249095.0 | 843604.0 | 81.0 | 12.995 | 7.518 | 30.0 | 15.013 | 18.4 | 11.947 | 0.768 | 0.427 | 29.1 | 0.879 | 12.0 | -0.675 | 1.611 | -67.3 | 1.747 |
| 249094.4 | 843603.2 | 81.0 | 13.068 | 7.542 | 30.0 | 15.088 | 18.3 | 12.007 | 0.784 | 0.418 | 28.1 | 0.888 | 11.1 | -0.701 | 1.596 | -66.3 | 1.743 |
| 249093.8 | 843602.4 | 80.9 | 13.106 | 7.547 | 29.9 | 15.123 | 18.1 | 12.035 | 0.799 | 0.409 | 27.1 | 0.898 | 9.8 | -0.750 | 1.569 | -64.4 | 1.739 |
| 249093.2 | 843601.5 | 81.0 | 13.201 | 7.584 | 29.9 | 15.225 | 17.9 | 12.116 | 0.816 | 0.400 | 26.1 | 0.909 | 9.3 | -0.759 | 1.562 | -64.1 | 1.737 |
| 249092.7 | 843600.7 | 81.0 | 13.278 | 7.611 | 29.8 | 15.305 | 17.8 | 12.179 | 0.832 | 0.391 | 25.2 | 0.919 | 8.6 | -0.781 | 1.550 | -63.3 | 1.736 |
| 249092.1 | 843599.9 | 81.0 | 13.345 | 7.632 | 29.8 | 15.373 | 17.6 | 12.234 | 0.848 | 0.382 | 24.2 | 0.930 | 7.8 | -0.810 | 1.535 | -62.2 | 1.736 |
| 249091.5 | 843599.1 | 81.1 | 13.460 | 7.678 | 29.7 | 15.497 | 17.4 | 12.332 | 0.865 | 0.373 | 23.3 | 0.942 | 7.6 | -0.804 | 1.535 | -62.4 | 1.733 |
| 249090.9 | 843598.3 | 81.3 | 13.792 | 7.841 | 29.6 | 15.866 | 17.2 | 12.625 | 0.885 | 0.366 | 22.4 | 0.958 | 9.7 | -0.639 | 1.600 | -68.2 | 1.723 |
| 249090.3 | 843597.5 | 81.3 | 13.842 | 7.852 | 29.6 | 15.914 | 17.0 | 12.664 | 0.902 | 0.356 | 21.5 | 0.969 | 8.8 | -0.678 | 1.579 | -66.8 | 1.718 |
| 249089.7 | 843596.7 | 81.3 | 13.935 | 7.886 | 29.5 | 16.012 | 16.9 | 12.742 | 0.919 | 0.346 | 20.6 | 0.982 | 8.3 | -0.686 | 1.571 | -66.4 | 1.714 |
| 249089.2 | 843595.9 | 81.4 | 14.069 | 7.941 | 29.4 | 16.155 | 16.7 | 12.856 | 0.937 | 0.337 | 19.8 | 0.995 | 8.3 | -0.663 | 1.573 | -67.2 | 1.707 |
| 249088.6 | 843595.0 | 81.5 | 14.298 | 8.046 | 29.4 | 16.407 | 16.5 | 13.056 | 0.956 | 0.329 | 19.0 | 1.011 | 9.1 | -0.567 | 1.599 | -70.5 | 1.697 |
| 249088.0 | 843594.2 | 81.6 | 14.407 | 8.087 | 29.3 | 16.522 | 16.3 | 13.148 | 0.974 | 0.319 | 18.1 | 1.025 | 8.8 | -0.562 | 1.594 | -70.6 | 1.690 |
| 249087.4 | 843593.4 | 81.6 | 14.477 | 8.107 | 29.2 | 16.593 | 16.2 | 13.204 | 0.992 | 0.309 | 17.3 | 1.039 | 8.2 | -0.588 | 1.578 | -69.6 | 1.684 |
| 249086.8 | 843592.6 | 81.6 | 14.563 | 8.136 | 29.2 | 16.681 | 16.0 | 13.274 | 1.011 | 0.299 | 16.5 | 1.054 | 7.7 | -0.602 | 1.567 | -69.0 | 1.679 |
| 249086.2 | 843591.8 | 81.6 | 14.624 | 8.151 | 29.1 | 16.742 | 15.9 | 13.323 | 1.029 | 0.288 | 15.6 | 1.069 | 7.1 | -0.636 | 1.551 | -67.7 | 1.676 |
| 249085.7 | 843591.0 | 81.7 | 14.701 | 8.175 | 29.1 | 16.821 | 15.7 | 13.386 | 1.048 | 0.278 | 14.8 | 1.084 | 6.6 | -0.659 | 1.538 | -66.8 | 1.673 |
| 249085.1 | 843590.2 | 81.7 | 14.827 | 8.223 | 29.0 | 16.955 | 15.6 | 13.492 | 1.068 | 0.268 | 14.1 | 1.101 | 6.6 | -0.644 | 1.535 | -67.3 | 1.665 |
| 249084.5 | 843589.4 | 81.8 | 14.941 | 8.265 | 29.0 | 17.074 | 15.4 | 13.587 | 1.088 | 0.258 | 13.3 | 1.118 | 6.4 | -0.638 | 1.530 | -67.4 | 1.657 |
| 249083.9 | 843588.5 | 81.9 | 15.072 | 8.315 | 28.9 | 17.213 | 15.3 | 13.698 | 1.108 | 0.248 | 12.6 | 1.135 | 6.4 | -0.618 | 1.527 | -68.0 | 1.647 |
| 249083.3 | 843587.7 | 81.9 | 15.198 | 8.363 | 28.8 | 17.347 | 15.1 | 13.804 | 1.128 | 0.238 | 11.9 | 1.153 | 6.3 | -0.602 | 1.522 | -68.4 | 1.636 |
| 249082.7 | 843586.9 | 82.0 | 15.320 | 8.408 | 28.8 | 17.476 | 15.0 | 13.907 | 1.149 | 0.228 | 11.2 | 1.171 | 6.2 | -0.589 | 1.515 | -68.8 | 1.626 |
| 249082.2 | 843586.1 | 82.0 | 15.442 | 8.452 | 28.7 | 17.604 | 14.8 | 14.009 | 1.170 | 0.218 | 10.6 | 1.190 | 6.1 | -0.576 | 1.508 | -69.1 | 1.615 |
| 249081.6 | 843585.3 | 82.2 | 15.634 | 8.531 | 28.6 | 17.810 | 14.6 | 14.173 | 1.191 | 0.210 | 10.0 | 1.209 | 6.5 | -0.503 | 1.511 | -71.6 | 1.592 |
| 249081.0 | 843584.5 | 82.2 | 15.763 | 8.578 | 28.6 | 17.946 | 14.5 | 14.281 | 1.212 | 0.200 | 9.4 | 1.228 | 6.4 | -0.483 | 1.502 | -72.2 | 1.578 |
| 249080.4 | 843583.7 | 82.4 | 15.996 | 8.675 | 28.5 | 18.197 | 14.3 | 14.481 | 1.234 | 0.192 | 8.9 | 1.249 | 6.9 | -0.371 | 1.506 | -76.2 | 1.551 |
| 249079.8 | 843582.9 | 82.5 | 16.235 | 8.775 | 28.4 | 18.455 | 14.1 | 14.686 | 1.257 | 0.185 | 8.4 | 1.270 | 7.4 | -0.253 | 1.507 | -80.5 | 1.528 |
| 249079.2 | 843582.0 | 82.7 | 16.490 | 8.881 | 28.3 | 18.729 | 13.9 | 14.904 | 1.280 | 0.179 | 8.0 | 1.292 | 8.0 | -0.120 | 1.508 | -85.4 | 1.512 |
| 249078.7 | 843581.2 | 82.8 | 16.727 | 8.977 | 28.2 | 18.983 | 13.7 | 15.106 | 1.303 | 0.173 | 7.6 | 1.314 | 8.3 | -0.001 | 1.503 | -89.9 | 1.503 |
| 249078.1 | 843580.4 | 83.0 | 16.953 | 9.067 | 28.1 | 19.226 | 13.5 | 15.299 | 1.326 | 0.168 | 7.2 | 1.336 | 8.6 | 0.110 | 1.495 | 85.8 | 1.499 |
| 249077.5 | 843579.6 | 83.1 | 17.187 | 9.160 | 28.1 | 19.476 | 13.3 | 15.498 | 1.349 | 0.163 | 6.9 | 1.359 | 8.9 | 0.229 | 1.485 | 81.2 | 1.503 |
| 249076.9 | 843578.8 | 83.2 | 17.325 | 9.206 | 28.0 | 19.619 | 13.1 | 15.613 | 1.371 | 0.156 | 6.5 | 1.379 | 8.7 | 0.264 | 1.466 | 79.8 | 1.490 |
| 249076.3 | 843578.0 | 83.3 | 17.488 | 9.264 | 27.9 | 19.790 | 13.0 | 15.748 | 1.393 | 0.150 | 6.1 | 1.401 | 8.7 | 0.322 | 1.448 | 77.5 | 1.483 |
| 249075.7 | 843577.2 | 83.3 | 17.590 | 9.292 | 27.8 | 19.894 | 12.8 | 15.831 | 1.414 | 0.142 | 5.7 | 1.421 | 8.4 | 0.326 | 1.426 | 77.1 | 1.462 |
| 249075.2 | 843576.4 | 83.4 | 17.686 | 9.317 | 27.8 | 19.990 | 12.7 | 15.908 | 1.435 | 0.134 | 5.3 | 1.441 | 8.0 | 0.323 | 1.403 | 77.0 | 1.439 |
| 249074.6 | 843575.5 | 83.4 | 17.787 | 9.345 | 27.7 | 20.093 | 12.6 | 15.989 | 1.456 | 0.127 | 5.0 | 1.462 | 7.8 | 0.324 | 1.380 | 76.8 | 1.417 |
| 249074.0 | 843574.7 | 83.4 | 17.829 | 9.345 | 27.7 | 20.130 | 12.5 | 16.019 | 1.477 | 0.118 | 4.6 | 1.482 | 7.3 | 0.270 | 1.355 | 78.7 | 1.381 |
| 249073.4 | 843573.9 | 83.4 | 17.750 | 9.289 | 27.6 | 20.034 | 12.4 | 15.942 | 1.496 | 0.105 | 4.0 | 1.500 | 6.4 | 0.099 | 1.327 | 85.7 | 1.331 |
| 249072.8 | 843573.1 | 83.3 | 17.666 | 9.231 | 27.6 | 19.932 | 12.4 | 15.862 | 1.516 | 0.091 | 3.4 | 1.518 | 5.6 | -0.083 | 1.302 | -86.3 | 1.305 |
| 249072.2 | 843572.3 | 83.4 | 17.755 | 9.253 | 27.5 | 20.022 | 12.3 | 15.933 | 1.538 | 0.085 | 3.2 | 1.540 | 5.3 | -0.103 | 1.282 | -85.4 | 1.286 |
| 249071.7 | 843571.5 | 83.4 | 17.834 | 9.270 | 27.5 | 20.099 | 12.2 | 15.995 | 1.561 | 0.080 | 2.9 | 1.563 | 5.1 | -0.136 | 1.262 | -83.9 | 1.269 |
| 249071.1 | 843570.7 | 83.4 | 17.911 | 9.285 | 27.4 | 20.174 | 12.0 | 16.054 | 1.584 | 0.076 | 2.7 | 1.585 | 4.8 | -0.173 | 1.242 | -82.0 | 1.254 |
| 249070.5 | 843569.9 | 83.6 | 18.174 | 9.385 | 27.3 | 20.454 | 11.9 | 16.277 | 1.609 | 0.081 | 2.9 | 1.611 | 5.0 | -0.028 | 1.222 | -88.7 | 1.222 |
| 249069.9 | 843569.0 | 83.8 | 18.432 | 9.480 | 27.2 | 20.727 | 11.7 | 16.494 | 1.635 | 0.088 | 3.1 | 1.638 | 5.2 | 0.110 | 1.199 | 84.8 | 1.204 |
| 249069.3 | 843568.2 | 83.9 | 18.670 | 9.566 | 27.1 | 20.978 | 11.5 | 16.694 | 1.662 | 0.095 | 3.3 | 1.664 | 5.3 | 0.227 | 1.176 | 79.1 | 1.198 |
| 249068.7 | 843567.4 | 84.0 | 18.884 | 9.640 | 27.0 | 21.202 | 11.3 | 16.872 | 1.688 | 0.101 | 3.4 | 1.691 | 5.4 | 0.318 | 1.152 | 74.6 | 1.195 |
| 249068.2 | 843566.6 | 84.2 | 19.097 | 9.714 | 27.0 | 21.426 | 11.2 | 17.050 | 1.716 | 0.109 | 3.6 | 1.719 | 5.4 | 0.407 | 1.126 | 70.1 | 1.197 |
| 249067.6 | 843565.8 | 84.3 | 19.326 | 9.792 | 26.9 | 21.665 | 11.0 | 17.240 | 1.744 | 0.117 | 3.8 | 1.747 | 5.4 | 0.507 | 1.100 | 65.3 | 1.211 |
| 249067.0 | 843565.0 | 84.4 | 19.555 | 9.870 | 26.8 | 21.905 | 10.8 | 17.431 | 1.772 | 0.126 | 4.1 | 1.777 | 5.4 | 0.606 | 1.072 | 60.5 | 1.232 |
| 249066.4 | 843564.2 | 84.6 | 19.786 | 9.948 | 26.7 | 22.146 | 10.7 | 17.623 | 1.801 | 0.135 | 4.3 | 1.806 | 5.4 | 0.704 | 1.044 | 56.0 | 1.259 |
| 249065.8 | 843563.4 | 84.7 | 20.017 | 10.025 | 26.6 | 22.387 | 10.5 | 17.815 | 1.831 | 0.145 | 4.5 | 1.837 | 5.4 | 0.801 | 1.014 | 51.7 | 1.292 |
| 249065.2 | 843562.6 | 84.9 | 20.295 | 10.120 | 26.5 | 22.678 | 10.3 | 18.047 | 1.863 | 0.156 | 4.8 | 1.869 | 5.5 | 0.941 | 0.981 | 46.2 | 1.359 |
| 249064.7 | 843561.7 | 85.0 | 20.492 | 10.181 | 26.4 | 22.881 | 10.2 | 18.208 | 1.893 | 0.165 | 5.0 | 1.900 | 5.4 | 0.997 | 0.952 | 43.7 | 1.379 |
| 249064.1 | 843560.9 | 85.0 | 20.531 | 10.175 | 26.4 | 22.914 | 10.1 | 18.235 | 1.921 | 0.169 | 5.0 | 1.928 | 5.0 | 0.891 | 0.935 | 46.4 | 1.292 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249063.5 | 843560.1 | 85.1 | 20.645 | 10.200 | 26.3 | 23.028 | 10.0 | 18.325 | 1.950 | 0.177 | 5.2 | 1.958 | 4.8 | 0.856 | 0.914 | 46.9 | 1.252 |
| 249062.9 | 843559.3 | 85.3 | 20.974 | 10.313 | 26.2 | 23.373 | 9.8 | 18.599 | 1.985 | 0.190 | 5.5 | 1.994 | 4.8 | 1.040 | 0.874 | 40.0 | 1.359 |
| 249062.3 | 843558.5 | 85.4 | 21.282 | 10.416 | 26.1 | 23.694 | 9.6 | 18.855 | 2.019 | 0.203 | 5.7 | 2.029 | 4.9 | 1.200 | 0.835 | 34.8 | 1.462 |
| 249061.7 | 843557.7 | 85.4 | 21.289 | 10.397 | 26.0 | 23.692 | 9.5 | 18.854 | 2.048 | 0.208 | 5.8 | 2.058 | 4.5 | 1.048 | 0.824 | 38.2 | 1.333 |
| 249061.2 | 843556.9 | 85.6 | 21.519 | 10.466 | 25.9 | 23.929 | 9.4 | 19.042 | 2.081 | 0.219 | 6.0 | 2.093 | 4.4 | 1.123 | 0.793 | 35.2 | 1.375 |
| 249060.6 | 843556.1 | 85.7 | 21.749 | 10.536 | 25.8 | 24.167 | 9.2 | 19.231 | 2.115 | 0.230 | 6.2 | 2.127 | 4.3 | 1.198 | 0.761 | 32.4 | 1.419 |
| 249060.0 | 843555.2 | 85.8 | 22.010 | 10.616 | 25.7 | 24.436 | 9.1 | 19.446 | 2.149 | 0.242 | 6.4 | 2.163 | 4.3 | 1.302 | 0.725 | 29.1 | 1.490 |
| 249059.4 | 843554.4 | 86.0 | 22.315 | 10.712 | 25.6 | 24.753 | 8.9 | 19.698 | 2.185 | 0.255 | 6.6 | 2.200 | 4.2 | 1.451 | 0.684 | 25.2 | 1.604 |
| 249058.8 | 843553.6 | 86.2 | 22.616 | 10.805 | 25.5 | 25.064 | 8.7 | 19.945 | 2.221 | 0.267 | 6.9 | 2.237 | 4.2 | 1.594 | 0.643 | 22.0 | 1.718 |
| 249058.2 | 843552.8 | 86.3 | 22.795 | 10.851 | 25.5 | 25.246 | 8.6 | 20.090 | 2.255 | 0.277 | 7.0 | 2.272 | 4.0 | 1.608 | 0.616 | 21.0 | 1.722 |
| 249057.7 | 843552.0 | 86.4 | 22.995 | 10.903 | 25.4 | 25.449 | 8.5 | 20.252 | 2.290 | 0.288 | 7.2 | 2.308 | 3.9 | 1.641 | 0.587 | 19.7 | 1.743 |
| 249057.1 | 843551.2 | 86.6 | 23.328 | 11.005 | 25.3 | 25.794 | 8.3 | 20.526 | 2.327 | 0.301 | 7.4 | 2.347 | 3.8 | 1.812 | 0.541 | 16.6 | 1.891 |
| 249056.5 | 843550.4 | 86.7 | 23.504 | 11.047 | 25.2 | 25.970 | 8.2 | 20.666 | 2.362 | 0.312 | 7.5 | 2.382 | 3.6 | 1.815 | 0.516 | 15.9 | 1.887 |
| 249055.9 | 843549.6 | 86.8 | 23.778 | 11.125 | 25.1 | 26.251 | 8.0 | 20.890 | 2.399 | 0.324 | 7.7 | 2.421 | 3.6 | 1.919 | 0.478 | 14.0 | 1.977 |
| 249055.3 | 843548.7 | 86.9 | 23.870 | 11.135 | 25.0 | 26.340 | 8.0 | 20.960 | 2.433 | 0.333 | 7.8 | 2.456 | 3.3 | 1.827 | 0.467 | 14.3 | 1.885 |
| 249054.7 | 843547.9 | 86.9 | 23.962 | 11.144 | 24.9 | 26.426 | 7.9 | 21.029 | 2.467 | 0.343 | 7.9 | 2.491 | 3.1 | 1.729 | 0.457 | 14.8 | 1.788 |
| 249054.2 | 843547.1 | 87.0 | 24.106 | 11.173 | 24.9 | 26.569 | 7.8 | 21.143 | 2.503 | 0.354 | 8.0 | 2.528 | 2.9 | 1.682 | 0.441 | 14.7 | 1.739 |
| 249053.6 | 843546.3 | 87.2 | 24.424 | 11.263 | 24.8 | 26.896 | 7.6 | 21.403 | 2.543 | 0.367 | 8.2 | 2.570 | 2.9 | 1.820 | 0.399 | 12.4 | 1.863 |
| 249053.0 | 843545.5 | 87.4 | 24.804 | 11.375 | 24.6 | 27.288 | 7.4 | 21.715 | 2.585 | 0.380 | 8.4 | 2.613 | 2.8 | 2.021 | 0.347 | 9.7 | 2.050 |
| 249052.4 | 843544.7 | 87.5 | 25.104 | 11.457 | 24.5 | 27.594 | 7.3 | 21.959 | 2.626 | 0.393 | 8.5 | 2.656 | 2.7 | 2.129 | 0.308 | 8.2 | 2.151 |
| 249051.8 | 843543.9 | 87.6 | 25.321 | 11.508 | 24.4 | 27.814 | 7.2 | 22.134 | 2.667 | 0.405 | 8.6 | 2.697 | 2.6 | 2.144 | 0.283 | 7.5 | 2.162 |
| 249051.2 | 843543.1 | 87.7 | 25.539 | 11.559 | 24.4 | 28.033 | 7.1 | 22.308 | 2.708 | 0.417 | 8.8 | 2.740 | 2.5 | 2.152 | 0.260 | 6.9 | 2.168 |
| 249050.7 | 843542.2 | 87.9 | 25.846 | 11.640 | 24.2 | 28.347 | 6.9 | 22.558 | 2.752 | 0.430 | 8.9 | 2.786 | 2.4 | 2.252 | 0.222 | 5.6 | 2.263 |
| 249050.1 | 843541.4 | 88.1 | 26.235 | 11.748 | 24.1 | 28.745 | 6.8 | 22.874 | 2.799 | 0.444 | 9.0 | 2.834 | 2.4 | 2.433 | 0.170 | 4.0 | 2.439 |
| 249049.5 | 843540.6 | 88.2 | 26.464 | 11.800 | 24.0 | 28.976 | 6.6 | 23.058 | 2.844 | 0.456 | 9.1 | 2.880 | 2.3 | 2.436 | 0.147 | 3.5 | 2.440 |
| 249048.9 | 843539.8 | 88.2 | 26.553 | 11.805 | 24.0 | 29.059 | 6.6 | 23.124 | 2.887 | 0.467 | 9.2 | 2.925 | 2.1 | 2.278 | 0.150 | 3.8 | 2.283 |
| 249048.3 | 843539.0 | 88.3 | 26.692 | 11.825 | 23.9 | 29.194 | 6.5 | 23.232 | 2.933 | 0.479 | 9.3 | 2.971 | 2.0 | 2.166 | 0.147 | 3.9 | 2.171 |
| 249047.7 | 843538.2 | 88.5 | 27.047 | 11.918 | 23.8 | 29.557 | 6.3 | 23.520 | 2.983 | 0.492 | 9.4 | 3.024 | 2.0 | 2.285 | 0.104 | 2.6 | 2.287 |
| 249047.2 | 843537.4 | 88.7 | 27.426 | 12.017 | 23.7 | 29.944 | 6.2 | 23.828 | 3.035 | 0.506 | 9.5 | 3.077 | 1.9 | 2.423 | 0.057 | 1.4 | 2.424 |
| 249046.6 | 843536.6 | 88.8 | 27.710 | 12.083 | 23.6 | 30.229 | 6.1 | 24.056 | 3.087 | 0.519 | 9.5 | 3.130 | 1.9 | 2.449 | 0.029 | 0.7 | 2.449 |
| 249046.0 | 843535.7 | 88.9 | 27.836 | 12.098 | 23.5 | 30.351 | 6.0 | 24.153 | 3.137 | 0.531 | 9.6 | 3.181 | 1.8 | 2.295 | 0.032 | 0.8 | 2.296 |
| 249045.4 | 843534.9 | 88.9 | 27.960 | 12.112 | 23.4 | 30.471 | 5.9 | 24.248 | 3.188 | 0.543 | 9.7 | 3.234 | 1.7 | 2.132 | 0.037 | 1.0 | 2.132 |
| 249044.8 | 843534.1 | 89.1 | 28.366 | 12.215 | 23.3 | 30.885 | 5.8 | 24.577 | 3.244 | 0.556 | 9.7 | 3.291 | 1.6 | 2.277 | -0.013 | -0.3 | 2.277 |
| 249044.2 | 843533.3 | 89.2 | 28.534 | 12.242 | 23.2 | 31.049 | 5.7 | 24.708 | 3.298 | 0.568 | 9.8 | 3.346 | 1.6 | 2.151 | -0.015 | -0.4 | 2.151 |
| 249043.7 | 843532.5 | 89.4 | 29.011 | 12.365 | 23.1 | 31.536 | 5.5 | 25.096 | 3.356 | 0.582 | 9.8 | 3.406 | 1.6 | 2.367 | -0.078 | -1.9 | 2.369 |
| 249043.1 | 843531.7 | 89.6 | 29.403 | 12.459 | 23.0 | 31.934 | 5.4 | 25.412 | 3.414 | 0.595 | 9.9 | 3.465 | 1.5 | 2.485 | -0.124 | -2.9 | 2.488 |
| 249042.5 | 843530.9 | 89.7 | 29.755 | 12.540 | 22.9 | 32.290 | 5.3 | 25.695 | 3.471 | 0.608 | 9.9 | 3.524 | 1.5 | 2.555 | -0.161 | -3.6 | 2.560 |
| 249041.9 | 843530.1 | 90.1 | 30.684 | 12.793 | 22.6 | 33.244 | 5.0 | 26.455 | 3.539 | 0.623 | 10.0 | 3.593 | 1.6 | 3.258 | -0.313 | -5.5 | 3.273 |
| 249041.3 | 843529.2 | 90.3 | 31.393 | 12.975 | 22.5 | 33.969 | 4.8 | 27.032 | 3.603 | 0.638 | 10.0 | 3.659 | 1.6 | 3.709 | -0.419 | -6.4 | 3.733 |
| 249040.7 | 843528.4 | 90.5 | 31.947 | 13.108 | 22.3 | 34.531 | 4.6 | 27.479 | 3.665 | 0.651 | 10.1 | 3.722 | 1.6 | 3.989 | -0.495 | -7.1 | 4.019 |
| 249040.2 | 843527.6 | 90.7 | 32.381 | 13.205 | 22.2 | 34.970 | 4.5 | 27.828 | 3.724 | 0.663 | 10.1 | 3.783 | 1.6 | 4.141 | -0.547 | -7.5 | 4.177 |
| 249039.6 | 843526.8 | 90.9 | 32.823 | 13.302 | 22.1 | 35.416 | 4.4 | 28.183 | 3.784 | 0.675 | 10.1 | 3.843 | 1.6 | 4.301 | -0.601 | -8.0 | 4.343 |
| 249039.0 | 843526.0 | 91.0 | 33.273 | 13.400 | 21.9 | 35.870 | 4.3 | 28.545 | 3.843 | 0.687 | 10.1 | 3.904 | 1.6 | 4.469 | -0.655 | -8.3 | 4.517 |
| 249038.4 | 843525.2 | 91.2 | 33.731 | 13.498 | 21.8 | 36.332 | 4.1 | 28.912 | 3.902 | 0.699 | 10.2 | 3.964 | 1.5 | 4.646 | -0.711 | -8.7 | 4.700 |
| 249037.8 | 843524.4 | 91.3 | 34.198 | 13.598 | 21.7 | 36.802 | 4.0 | 29.286 | 3.961 | 0.710 | 10.2 | 4.025 | 1.5 | 4.833 | -0.767 | -9.0 | 4.894 |
| 249037.2 | 843523.6 | 91.5 | 34.573 | 13.670 | 21.6 | 37.178 | 3.9 | 29.585 | 4.018 | 0.721 | 10.2 | 4.082 | 1.5 | 4.927 | -0.806 | -9.3 | 4.993 |
| 249036.7 | 843522.8 | 91.6 | 34.865 | 13.720 | 21.5 | 37.467 | 3.8 | 29.815 | 4.073 | 0.732 | 10.2 | 4.138 | 1.5 | 4.938 | -0.829 | -9.5 | 5.007 |
| 249036.1 | 843521.9 | 91.7 | 35.177 | 13.774 | 21.4 | 37.777 | 3.7 | 30.062 | 4.127 | 0.742 | 10.2 | 4.193 | 1.4 | 4.972 | -0.855 | -9.8 | 5.045 |
| 249035.5 | 843521.1 | 91.8 | 35.515 | 13.834 | 21.3 | 38.114 | 3.7 | 30.330 | 4.182 | 0.753 | 10.2 | 4.249 | 1.4 | 5.035 | -0.886 | -10.0 | 5.113 |
| 249034.9 | 843520.3 | 91.9 | 35.792 | 13.878 | 21.2 | 38.388 | 3.6 | 30.548 | 4.235 | 0.763 | 10.2 | 4.303 | 1.4 | 5.039 | -0.905 | -10.2 | 5.120 |
| 249034.3 | 843519.5 | 92.0 | 36.016 | 13.907 | 21.1 | 38.607 | 3.5 | 30.723 | 4.287 | 0.772 | 10.2 | 4.356 | 1.3 | 4.991 | -0.914 | -10.4 | 5.074 |
| 249033.7 | 843518.7 | 92.1 | 36.150 | 13.913 | 21.0 | 38.735 | 3.5 | 30.825 | 4.336 | 0.781 | 10.2 | 4.406 | 1.3 | 4.855 | -0.906 | -10.6 | 4.939 |
| 249033.2 | 843517.9 | 92.2 | 36.481 | 13.969 | 21.0 | 39.065 | 3.4 | 31.087 | 4.390 | 0.791 | 10.2 | 4.460 | 1.2 | 4.924 | -0.936 | -10.8 | 5.012 |
| 249032.6 | 843517.1 | 92.4 | 36.816 | 14.025 | 20.9 | 39.397 | 3.4 | 31.351 | 4.443 | 0.800 | 10.2 | 4.515 | 1.2 | 5.000 | -0.965 | -10.9 | 5.092 |
| 249032.0 | 843516.3 | 92.5 | 37.184 | 14.089 | 20.8 | 39.764 | 3.3 | 31.643 | 4.497 | 0.809 | 10.2 | 4.570 | 1.2 | 5.114 | -1.001 | -11.1 | 5.211 |
| 249031.4 | 843515.4 | 92.7 | 37.709 | 14.192 | 20.6 | 40.291 | 3.2 | 32.063 | 4.555 | 0.819 | 10.2 | 4.628 | 1.3 | 5.391 | -1.067 | -11.2 | 5.496 |
| 249030.8 | 843514.6 | 92.7 | 37.942 | 14.220 | 20.5 | 40.520 | 3.1 | 32.245 | 4.606 | 0.827 | 10.2 | 4.680 | 1.2 | 5.375 | -1.078 | -11.3 | 5.482 |
| 249030.2 | 843513.8 | 92.8 | 38.088 | 14.227 | 20.5 | 40.659 | 3.1 | 32.355 | 4.655 | 0.835 | 10.2 | 4.729 | 1.2 | 5.274 | -1.074 | -11.5 | 5.382 |
| 249029.7 | 843513.0 | 92.9 | 38.246 | 14.237 | 20.4 | 40.810 | 3.1 | 32.476 | 4.704 | 0.843 | 10.2 | 4.779 | 1.2 | 5.190 | -1.072 | -11.7 | 5.299 |
| 249029.1 | 843512.2 | 93.0 | 38.504 | 14.272 | 20.3 | 41.064 | 3.0 | 32.678 | 4.754 | 0.851 | 10.1 | 4.830 | 1.1 | 5.214 | -1.089 | -11.8 | 5.327 |
| 249028.5 | 843511.4 | 93.1 | 38.763 | 14.306 | 20.3 | 41.318 | 3.0 | 32.880 | 4.804 | 0.859 | 10.1 | 4.880 | 1.1 | 5.246 | -1.107 | -11.9 | 5.362 |
| 249027.9 | 843510.6 | 93.2 | 39.066 | 14.350 | 20.2 | 41.618 | 2.9 | 33.118 | 4.853 | 0.866 | 10.1 | 4.930 | 1.1 | 5.332 | -1.133 | -12.0 | 5.451 |
| 249027.3 | 843509.8 | 93.3 | 39.454 | 14.419 | 20.1 | 42.006 | 2.9 | 33.427 | 4.903 | 0.875 | 10.1 | 4.980 | 1.1 | 5.500 | -1.221 | -12.5 | 5.634 |
| 249026.7 | 843508.9 | 93.6 | 40.276 | 14.583 | 19.9 | 42.835 | 2.7 | 34.087 | 4.962 | 0.884 | 10.1 | 5.040 | 1.2 | 6.123 | -1.341 | -12.4 | 6.268 |
| 249026.2 | 843508.1 | 93.7 | 40.493 | 14.605 | 19.8 | 43.047 | 2.7 | 34.255 | 5.003 | 0.891 | 10.1 | 5.082 | 1.1 | 6.153 | -1.353 | -12.4 | 6.300 |
| 249025.6 | 843507.3 | 93.7 | 40.692 | 14.623 | 19.8 | 43.240 | 2.7 | 34.409 | 5.042 | 0.897 | 10.1 | 5.121 | 1.1 | 6.179 | -1.361 | -12.4 | 6.327 |
| 249025.0 | 843506.5 | 93.8 | 40.890 | 14.640 | 19.7 | 43.432 | 2.6 | 34.562 | 5.078 | 0.904 | 10.1 | 5.158 | 1.1 | 6.216 | -1.370 | -12.4 | 6.365 |
| 249024.4 | 843505.7 | 93.9 | 41.087 | 14.657 | 19.6 | 43.623 | 2.6 | 34.714 | 5.112 | 0.910 | 10.1 | 5.192 | 1.1 | 6.266 | -1.378 | -12.4 | 6.416 |
| 249023.8 | 843504.9 | 94.1 | 41.575 | 14.739 | 19.5 | 44.110 | 2.6 | 35.102 | 5.151 | 0.917 | 10.1 | 5.232 | 1.1 | 6.615 | -1.438 | -12.3 | 6.769 |
| 249023.2 | 843504.1 | 94.2 | 41.915 | 14.787 | 19.4 | 44.447 | 2.5 | 35.370 | 5.184 | 0.923 | 10.1 | 5.265 | 1.1 | 6.829 | -1.472 | -12.2 | 6.986 |
| 249022.7 | 843503.3 | 94.1 | 41.105 | 14.579 | 19.5 | 43.614 | 2.6 | 34.707 | 5.183 | 0.927 | 10.1 | 5.266 | 0.9 | 5.934 | -1.305 | -12.4 | 6.076 |
| 249022.1 | 843502.4 | 93.9 | 39.953 | 14.292 | 19.7 | 42.433 | 2.8 | 33.767 | 5.178 | 0.930 | 10.2 | 5.261 | 0.6 | 4.670 | -1.069 | -12.9 | 4.791 |
| 249021.5 | 843501.6 | 94.2 | 41.105 | 14.526 | 19.5 | 43.596 | 2.7 | 34.693 | 5.222 | 0.938 | 10.2 | 5.305 | 0.8 | 5.759 | -1.256 | -12.3 | 5.895 |
| 249020.9 | 843500.8 | 94.2 | 41.092 | 14.497 | 19.4 | 43.574 | 2.7 | 34.675 | 5.239 | 0.944 | 10.2 | 5.323 | 0.8 | 5.674 | -1.230 | -12.2 | 5.805 |
| 249020.3 | 843500.0 | 94.3 | 41.154 | 14.485 | 19.4 | 43.629 | 2.7 | 34.719 | 5.257 | 0.949 | 10.2 | 5.342 | 0.8 | 5.672 | -1.218 | -12.1 | 5.801 |
| 249019.7 | 843499.2 | 94.4 | 41.295 | 14.490 | 19.3 | 43.763 | 2.7 | 34.826 | 5.276 | 0.954 | 10.3 | 5.361 | 0.8 | 5.755 | -1.220 | -12.0 | 5.883 |
| 249019.2 | 843498.4 | 94.5 | 41.562 | 14.523 | 19.3 | 44.026 | 2.6 | 35.035 | 5.298 | 0.960 | 10.3 | 5.384 | 0.9 | 5.968 | -1.246 | -11.8 | 6.097 |
| 249018.6 | 843497.6 | 94.5 | 41.526 | 14.490 | 19.2 | 43.982 | 2.7 | 35.000 | 5.312 | 0.965 | 10.3 | 5.399 | 0.9 | 5.884 | -1.217 | -11.7 | 6.009 |
| 249018.0 | 843496.8 | 94.6 | 41.404 | 14.438 | 19.2 | 43.849 | 2.7 | 34.894 | 5.325 | 0.969 | 10.3 | 5.412 | 0.9 | 5.715 | -1.174 | -11.6 | 5.834 |
| 249017.4 | 843495.9 | 94.6 | 41.288 | 14.389 | 19.2 | 43.724 | 2.7 | 34.794 | 5.338 | 0.974 | 10.3 | 5.426 | 0.8 | 5.553 | -1.132 | -11.5 | 5.667 |
| 249016.8 | 843495.1 | 94.6 | 41.170 | 14.338 | 19.2 | 43.595 | 2.7 | 34.692 | 5.352 | 0.979 | 10.4 | 5.441 | 0.8 | 5.385 | -1.090 | -11.4 | 5.494 |
| 249016.2 | 843494.3 | 94.7 | 41.040 | 14.286 | 19.2 | 43.456 | 2.8 | 34.581 | 5.368 | 0.983 | 10.4 | 5.457 | 0.8 | 5.203 | -1.046 | -11.4 | 5.307 |
| 249015.7 | 843493.5 | 94.7 | 40.883 | 14.228 | 19.2 | 43.288 | 2.8 | 34.448 | 5.384 | 0.987 | 10.4 | 5.474 | 0.8 | 4.987 | -0.997 | -11.3 | 5.085 |
| 249015.1 | 843492.7 | 94.7 | 40.715 | 14.168 | 19.2 | 43.110 | 2.8 | 34.306 | 5.402 | 0.991 | 10.4 | 5.492 | 0.8 | 4.753 | -0.947 | -11.3 | 4.846 |
| 249014.5 | 843491.9 | 94.8 | 40.604 | 14.121 | 19.2 | 42.989 | 2.8 | 34.210 | 5.423 | 0.995 | 10.4 | 5.514 | 0.8 | 4.570 | -0.908 | -11.2 | 4.660 |
| 249013.9 | 843491.1 | 94.9 | 40.881 | 14.159 | 19.1 | 43.264 | 2.8 | 34.428 | 5.454 | 0.999 | 10.4 | 5.545 | 0.9 | 4.784 | -0.944 | -11.2 | 4.876 |
| 249013.3 | 843490.3 | 95.0 | 41.133 | 14.191 | 19.0 | 43.512 | 2.8 | 34.626 | 5.486 | 1.004 | 10.4 | 5.577 | 0.9 | 4.964 | -0.975 | -11.1 | 5.059 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 249012.7 | 843489.5 | 95.1 | 41.385 | 14.222 | 19.0 | 43.760 | 2.8 | 34.823 | 5.519 | 1.008 | 10.3 | 5.610 | 1.0 | 5.137 | -1.007 | -11.1 | 5.235 |
| 249012.2 | 843488.6 | 95.2 | 41.479 | 14.220 | 18.9 | 43.849 | 2.8 | 34.894 | 5.549 | 1.011 | 10.3 | 5.641 | 1.0 | 5.145 | -1.011 | -11.1 | 5.244 |
| 249011.6 | 843487.8 | 95.2 | 41.415 | 14.184 | 18.9 | 43.777 | 2.8 | 34.837 | 5.577 | 1.015 | 10.3 | 5.668 | 1.0 | 4.987 | -0.985 | -11.2 | 5.083 |
| 249011.0 | 843487.0 | 95.4 | 41.769 | 14.238 | 18.8 | 44.129 | 2.8 | 35.117 | 5.615 | 1.018 | 10.3 | 5.707 | 1.1 | 5.248 | -1.039 | -11.2 | 5.350 |
| 249010.4 | 843486.2 | 95.4 | 41.796 | 14.222 | 18.8 | 44.149 | 2.8 | 35.133 | 5.647 | 1.022 | 10.3 | 5.739 | 1.1 | 5.175 | -1.033 | -11.3 | 5.277 |
| 249009.8 | 843485.4 | 95.5 | 41.601 | 14.159 | 18.8 | 43.945 | 2.8 | 34.970 | 5.675 | 1.025 | 10.2 | 5.766 | 1.1 | 4.871 | -0.987 | -11.5 | 4.970 |
| 249009.2 | 843484.6 | 95.4 | 41.144 | 14.041 | 18.8 | 43.474 | 2.9 | 34.595 | 5.698 | 1.027 | 10.2 | 5.790 | 1.0 | 4.288 | -0.893 | -11.8 | 4.380 |
| 249008.7 | 843483.8 | 95.7 | 41.988 | 14.198 | 18.7 | 44.323 | 2.8 | 35.271 | 5.748 | 1.030 | 10.2 | 5.840 | 1.1 | 5.054 | -1.045 | -11.7 | 5.160 |
| 249008.1 | 843483.0 | 95.9 | 42.763 | 14.338 | 18.5 | 45.103 | 2.7 | 35.892 | 5.797 | 1.033 | 10.1 | 5.889 | 1.3 | 5.734 | -1.181 | -11.6 | 5.854 |
| 249007.5 | 843482.1 | 96.0 | 43.310 | 14.429 | 18.4 | 45.650 | 2.7 | 36.328 | 5.841 | 1.036 | 10.1 | 5.932 | 1.3 | 6.181 | -1.276 | -11.7 | 6.311 |
| 249006.9 | 843481.3 | 96.2 | 43.864 | 14.521 | 18.3 | 46.205 | 2.7 | 36.769 | 5.884 | 1.038 | 10.0 | 5.975 | 1.4 | 6.635 | -1.372 | -11.7 | 6.776 |
| 249006.3 | 843480.5 | 96.3 | 44.068 | 14.541 | 18.3 | 46.405 | 2.7 | 36.928 | 5.914 | 1.040 | 10.0 | 6.005 | 1.4 | 6.756 | -1.408 | -11.8 | 6.901 |
| 249005.7 | 843479.7 | 96.3 | 43.873 | 14.481 | 18.3 | 46.201 | 2.7 | 36.766 | 5.931 | 1.041 | 10.0 | 6.022 | 1.4 | 6.501 | -1.378 | -12.0 | 6.646 |
| 249005.2 | 843478.9 | 96.4 | 43.791 | 14.444 | 18.3 | 46.112 | 2.7 | 36.695 | 5.949 | 1.042 | 9.9 | 6.039 | 1.3 | 6.368 | -1.369 | -12.1 | 6.513 |
| 249004.6 | 843478.1 | 96.5 | 44.115 | 14.489 | 18.2 | 46.434 | 2.7 | 36.951 | 5.974 | 1.043 | 9.9 | 6.064 | 1.4 | 6.646 | -1.433 | -12.2 | 6.799 |
| 249004.0 | 843477.3 | 96.7 | 44.440 | 14.534 | 18.1 | 46.756 | 2.7 | 37.207 | 5.995 | 1.044 | 9.9 | 6.085 | 1.4 | 6.940 | -1.499 | -12.2 | 7.100 |
| 249003.4 | 843476.5 | 96.8 | 44.762 | 14.578 | 18.0 | 47.076 | 2.7 | 37.462 | 6.012 | 1.044 | 9.9 | 6.102 | 1.5 | 7.247 | -1.566 | -12.2 | 7.414 |
| 249002.8 | 843475.6 | 96.9 | 44.919 | 14.589 | 18.0 | 47.228 | 2.7 | 37.583 | 6.021 | 1.044 | 9.8 | 6.111 | 1.5 | 7.414 | -1.607 | -12.2 | 7.586 |
| 249002.2 | 843474.8 | 97.0 | 45.052 | 14.595 | 18.0 | 47.357 | 2.7 | 37.685 | 6.025 | 1.044 | 9.8 | 6.114 | 1.5 | 7.579 | -1.646 | -12.3 | 7.755 |
| 249001.7 | 843474.0 | 97.0 | 45.016 | 14.570 | 17.9 | 47.315 | 2.7 | 37.652 | 6.019 | 1.043 | 9.8 | 6.108 | 1.5 | 7.605 | -1.661 | -12.3 | 7.784 |
| 249001.1 | 843473.2 | 97.1 | 44.763 | 14.501 | 18.0 | 47.053 | 2.8 | 37.444 | 6.002 | 1.042 | 9.8 | 6.092 | 1.4 | 7.444 | -1.642 | -12.4 | 7.623 |
| 249000.5 | 843472.4 | 97.1 | 44.506 | 14.432 | 18.0 | 46.787 | 2.8 | 37.232 | 5.982 | 1.040 | 9.9 | 6.071 | 1.4 | 7.299 | -1.624 | -12.5 | 7.478 |
| 248999.9 | 843471.6 | 97.2 | 44.245 | 14.363 | 18.0 | 46.518 | 2.9 | 37.018 | 5.958 | 1.038 | 9.9 | 6.048 | 1.3 | 7.171 | -1.609 | -12.6 | 7.349 |
| 248999.3 | 843470.8 | 97.2 | 44.109 | 14.319 | 18.0 | 46.375 | 2.9 | 36.904 | 5.935 | 1.036 | 9.9 | 6.025 | 1.3 | 7.180 | -1.616 | -12.7 | 7.360 |
| 248998.7 | 843470.0 | 97.3 | 44.175 | 14.314 | 18.0 | 46.436 | 2.9 | 36.952 | 5.915 | 1.034 | 9.9 | 6.005 | 1.4 | 7.401 | -1.660 | -12.6 | 7.585 |
| 248998.2 | 843469.1 | 97.3 | 43.898 | 14.242 | 18.0 | 46.150 | 2.9 | 36.725 | 5.883 | 1.031 | 9.9 | 5.972 | 1.3 | 7.310 | -1.649 | -12.7 | 7.493 |
| 248997.6 | 843468.3 | 97.3 | 43.212 | 14.089 | 18.1 | 45.451 | 3.0 | 36.169 | 5.836 | 1.027 | 10.0 | 5.925 | 1.2 | 6.835 | -1.569 | -12.9 | 7.012 |
| 248997.0 | 843467.5 | 97.3 | 42.846 | 14.000 | 18.1 | 45.076 | 3.0 | 35.870 | 5.796 | 1.023 | 10.0 | 5.886 | 1.2 | 6.684 | -1.546 | -13.0 | 6.861 |
| 248996.4 | 843466.7 | 97.4 | 42.944 | 14.003 | 18.1 | 45.169 | 3.1 | 35.944 | 5.768 | 1.020 | 10.0 | 5.857 | 1.2 | 7.003 | -1.604 | -12.9 | 7.185 |
| 248995.8 | 843465.9 | 97.4 | 42.476 | 13.893 | 18.1 | 44.690 | 3.1 | 35.563 | 5.720 | 1.016 | 10.1 | 5.810 | 1.2 | 6.778 | -1.566 | -13.0 | 6.957 |
| 248995.2 | 843465.1 | 97.6 | 42.621 | 13.907 | 18.1 | 44.832 | 3.1 | 35.677 | 5.690 | 1.012 | 10.1 | 5.779 | 1.3 | 7.169 | -1.635 | -12.9 | 7.353 |
| 248994.7 | 843464.3 | 97.7 | 42.732 | 13.913 | 18.0 | 44.939 | 3.1 | 35.762 | 5.657 | 1.008 | 10.1 | 5.746 | 1.3 | 7.530 | -1.699 | -12.7 | 7.720 |
| 248994.1 | 843463.5 | 97.7 | 42.286 | 13.809 | 18.1 | 44.483 | 3.2 | 35.399 | 5.606 | 1.004 | 10.2 | 5.695 | 1.3 | 7.358 | -1.668 | -12.8 | 7.545 |
| 248993.5 | 843462.6 | 97.6 | 41.523 | 13.640 | 18.2 | 43.706 | 3.2 | 34.780 | 5.544 | 0.999 | 10.2 | 5.633 | 1.2 | 6.876 | -1.580 | -12.9 | 7.055 |
| 248992.9 | 843461.8 | 97.6 | 40.865 | 13.491 | 18.3 | 43.035 | 3.3 | 34.246 | 5.486 | 0.994 | 10.3 | 5.575 | 1.1 | 6.491 | -1.510 | -13.1 | 6.665 |
| 248992.3 | 843461.0 | 97.6 | 40.568 | 13.416 | 18.3 | 42.729 | 3.3 | 34.002 | 5.439 | 0.990 | 10.3 | 5.529 | 1.1 | 6.468 | -1.503 | -13.1 | 6.640 |
| 248991.7 | 843460.2 | 97.7 | 40.269 | 13.340 | 18.3 | 42.422 | 3.3 | 33.758 | 5.394 | 0.985 | 10.3 | 5.483 | 1.1 | 6.440 | -1.495 | -13.1 | 6.612 |
| 248991.2 | 843459.4 | 97.7 | 40.087 | 13.288 | 18.3 | 42.232 | 3.3 | 33.607 | 5.353 | 0.981 | 10.4 | 5.442 | 1.2 | 6.526 | -1.508 | -13.0 | 6.698 |
| 248990.6 | 843458.6 | 97.8 | 40.017 | 13.260 | 18.3 | 42.157 | 3.4 | 33.548 | 5.318 | 0.977 | 10.4 | 5.407 | 1.2 | 6.720 | -1.541 | -12.9 | 6.894 |
| 248990.0 | 843457.8 | 97.8 | 39.560 | 13.152 | 18.4 | 41.689 | 3.4 | 33.175 | 5.272 | 0.972 | 10.5 | 5.360 | 1.2 | 6.512 | -1.501 | -13.0 | 6.683 |
| 248989.4 | 843457.0 | 97.8 | 39.245 | 13.073 | 18.4 | 41.365 | 3.4 | 32.918 | 5.232 | 0.968 | 10.5 | 5.321 | 1.2 | 6.438 | -1.485 | -13.0 | 6.607 |
| 248988.8 | 843456.1 | 97.9 | 39.013 | 13.012 | 18.4 | 41.126 | 3.4 | 32.727 | 5.197 | 0.965 | 10.5 | 5.286 | 1.2 | 6.436 | -1.483 | -13.0 | 6.605 |
| 248988.2 | 843455.3 | 97.9 | 38.715 | 12.936 | 18.5 | 40.819 | 3.5 | 32.483 | 5.162 | 0.961 | 10.5 | 5.251 | 1.2 | 6.353 | -1.466 | -13.0 | 6.519 |
| 248987.7 | 843454.5 | 97.9 | 38.317 | 12.840 | 18.5 | 40.411 | 3.5 | 32.158 | 5.127 | 0.958 | 10.6 | 5.216 | 1.2 | 6.149 | -1.427 | -13.1 | 6.313 |
| 248987.1 | 843453.7 | 98.0 | 37.891 | 12.737 | 18.6 | 39.974 | 3.5 | 31.810 | 5.095 | 0.955 | 10.6 | 5.184 | 1.1 | 5.897 | -1.380 | -13.2 | 6.056 |
| 248986.5 | 843452.9 | 98.0 | 37.463 | 12.633 | 18.6 | 39.536 | 3.6 | 31.462 | 5.066 | 0.952 | 10.6 | 5.155 | 1.1 | 5.621 | -1.330 | -13.3 | 5.776 |
| 248985.9 | 843452.1 | 98.0 | 37.156 | 12.555 | 18.7 | 39.220 | 3.6 | 31.211 | 5.045 | 0.950 | 10.7 | 5.133 | 1.1 | 5.450 | -1.299 | -13.4 | 5.603 |
| 248985.3 | 843451.3 | 98.1 | 37.102 | 12.532 | 18.7 | 39.162 | 3.6 | 31.164 | 5.035 | 0.948 | 10.7 | 5.124 | 1.1 | 5.526 | -1.317 | -13.4 | 5.680 |
| 248984.7 | 843450.5 | 98.2 | 37.331 | 12.570 | 18.6 | 39.390 | 3.6 | 31.346 | 5.039 | 0.947 | 10.6 | 5.127 | 1.2 | 5.877 | -1.388 | -13.3 | 6.039 |
| 248984.2 | 843449.7 | 98.4 | 37.491 | 12.593 | 18.6 | 39.549 | 3.6 | 31.472 | 5.044 | 0.946 | 10.6 | 5.132 | 1.3 | 6.132 | -1.442 | -13.2 | 6.299 |
| 248983.6 | 843448.8 | 98.4 | 37.179 | 12.515 | 18.6 | 39.229 | 3.6 | 31.217 | 5.037 | 0.945 | 10.6 | 5.125 | 1.2 | 5.872 | -1.401 | -13.4 | 6.037 |
| 248983.0 | 843448.0 | 98.5 | 36.912 | 12.446 | 18.6 | 38.953 | 3.6 | 30.998 | 5.035 | 0.945 | 10.6 | 5.123 | 1.2 | 5.636 | -1.366 | -13.6 | 5.799 |
| 248982.4 | 843447.2 | 98.6 | 37.031 | 12.462 | 18.6 | 39.071 | 3.6 | 31.092 | 5.048 | 0.945 | 10.6 | 5.136 | 1.3 | 5.787 | -1.406 | -13.7 | 5.955 |
| 248981.8 | 843446.4 | 98.8 | 37.570 | 12.567 | 18.5 | 39.616 | 3.6 | 31.525 | 5.078 | 0.946 | 10.5 | 5.166 | 1.4 | 6.357 | -1.525 | -13.5 | 6.537 |
| 248981.2 | 843445.6 | 99.0 | 37.988 | 12.645 | 18.4 | 40.038 | 3.6 | 31.861 | 5.107 | 0.947 | 10.5 | 5.194 | 1.5 | 6.774 | -1.617 | -13.4 | 6.965 |
| 248980.7 | 843444.8 | 99.2 | 38.404 | 12.722 | 18.3 | 40.456 | 3.6 | 32.194 | 5.139 | 0.948 | 10.5 | 5.226 | 1.6 | 7.167 | -1.705 | -13.4 | 7.367 |
| 248980.1 | 843444.0 | 99.3 | 38.514 | 12.735 | 18.3 | 40.565 | 3.6 | 32.280 | 5.161 | 0.949 | 10.4 | 5.248 | 1.6 | 7.235 | -1.735 | -13.5 | 7.440 |
| 248979.5 | 843443.2 | 99.3 | 38.134 | 12.645 | 18.3 | 40.176 | 3.7 | 31.971 | 5.167 | 0.949 | 10.4 | 5.254 | 1.5 | 6.795 | -1.671 | -13.8 | 6.997 |
| 248978.9 | 843442.3 | 99.4 | 37.968 | 12.601 | 18.4 | 40.005 | 3.7 | 31.835 | 5.184 | 0.950 | 10.4 | 5.270 | 1.5 | 6.558 | -1.646 | -14.1 | 6.761 |
| 248978.3 | 843441.5 | 99.6 | 38.398 | 12.682 | 18.3 | 40.438 | 3.7 | 32.180 | 5.221 | 0.951 | 10.3 | 5.307 | 1.5 | 6.921 | -1.734 | -14.1 | 7.135 |
| 248977.7 | 843440.7 | 99.7 | 38.405 | 12.674 | 18.3 | 40.443 | 3.7 | 32.183 | 5.244 | 0.952 | 10.3 | 5.330 | 1.5 | 6.847 | -1.743 | -14.3 | 7.065 |
| 248977.2 | 843439.9 | 99.8 | 38.471 | 12.678 | 18.2 | 40.506 | 3.7 | 32.234 | 5.268 | 0.952 | 10.2 | 5.354 | 1.5 | 6.829 | -1.762 | -14.5 | 7.053 |
| 248976.6 | 843439.1 | 100.0 | 38.701 | 12.717 | 18.2 | 40.737 | 3.7 | 32.417 | 5.297 | 0.953 | 10.2 | 5.382 | 1.5 | 6.981 | -1.813 | -14.6 | 7.212 |
| 248976.0 | 843438.3 | 100.3 | 39.462 | 12.866 | 18.1 | 41.507 | 3.7 | 33.030 | 5.340 | 0.954 | 10.1 | 5.425 | 1.6 | 7.669 | -1.961 | -14.3 | 7.916 |
| 248975.4 | 843437.5 | 100.5 | 40.086 | 12.984 | 17.9 | 42.136 | 3.7 | 33.531 | 5.377 | 0.954 | 10.1 | 5.461 | 1.7 | 8.216 | -2.082 | -14.2 | 8.476 |
| 248974.8 | 843436.7 | 100.6 | 39.925 | 12.943 | 18.0 | 41.971 | 3.7 | 33.399 | 5.382 | 0.954 | 10.0 | 5.466 | 1.6 | 8.007 | -2.064 | -14.5 | 8.269 |
| 248974.2 | 843435.8 | 100.7 | 40.204 | 12.991 | 17.9 | 42.251 | 3.8 | 33.622 | 5.398 | 0.953 | 10.0 | 5.481 | 1.6 | 8.242 | -2.126 | -14.5 | 8.512 |
| 248973.7 | 843435.0 | 100.9 | 40.302 | 13.003 | 17.9 | 42.348 | 3.8 | 33.699 | 5.402 | 0.953 | 10.0 | 5.486 | 1.6 | 8.319 | -2.156 | -14.5 | 8.594 |
| 248973.1 | 843434.2 | 101.0 | 40.396 | 13.013 | 17.9 | 42.441 | 3.8 | 33.773 | 5.402 | 0.952 | 10.0 | 5.485 | 1.6 | 8.410 | -2.188 | -14.6 | 8.690 |
| 248972.5 | 843433.4 | 101.2 | 40.908 | 13.108 | 17.8 | 42.957 | 3.8 | 34.184 | 5.411 | 0.952 | 10.0 | 5.494 | 1.7 | 8.923 | -2.292 | -14.4 | 9.213 |
| 248971.9 | 843432.6 | 101.4 | 41.295 | 13.178 | 17.7 | 43.346 | 3.8 | 34.494 | 5.413 | 0.951 | 10.0 | 5.496 | 1.8 | 9.331 | -2.376 | -14.3 | 9.629 |
| 248971.3 | 843431.8 | 101.4 | 40.608 | 13.033 | 17.8 | 42.649 | 3.8 | 33.939 | 5.370 | 0.948 | 10.0 | 5.453 | 1.6 | 8.742 | -2.281 | -14.6 | 9.035 |
| 248970.7 | 843431.0 | 101.4 | 40.122 | 12.927 | 17.9 | 42.153 | 3.9 | 33.545 | 5.332 | 0.946 | 10.1 | 5.415 | 1.5 | 8.355 | -2.220 | -14.9 | 8.645 |
| 248970.2 | 843430.2 | 101.5 | 39.710 | 12.835 | 17.9 | 41.733 | 3.9 | 33.210 | 5.294 | 0.943 | 10.1 | 5.377 | 1.4 | 8.055 | -2.173 | -15.1 | 8.343 |
| 248969.6 | 843429.3 | 101.5 | 39.264 | 12.736 | 18.0 | 41.278 | 3.9 | 32.848 | 5.253 | 0.940 | 10.1 | 5.336 | 1.4 | 7.736 | -2.122 | -15.3 | 8.021 |
| 248969.0 | 843428.5 | 101.6 | 39.097 | 12.695 | 18.0 | 41.107 | 3.9 | 32.712 | 5.219 | 0.936 | 10.2 | 5.303 | 1.4 | 7.710 | -2.122 | -15.4 | 7.996 |
| 248968.4 | 843427.7 | 101.7 | 38.890 | 12.645 | 18.0 | 40.894 | 3.9 | 32.543 | 5.183 | 0.933 | 10.2 | 5.266 | 1.4 | 7.659 | -2.118 | -15.5 | 7.946 |
| 248967.8 | 843426.9 | 101.8 | 38.650 | 12.588 | 18.0 | 40.648 | 3.9 | 32.347 | 5.144 | 0.928 | 10.2 | 5.227 | 1.3 | 7.590 | -2.110 | -15.5 | 7.877 |
| 248967.2 | 843426.1 | 101.9 | 38.784 | 12.610 | 18.0 | 40.783 | 3.9 | 32.454 | 5.116 | 0.925 | 10.2 | 5.199 | 1.4 | 7.910 | -2.171 | -15.4 | 8.202 |
| 248966.7 | 843425.3 | 102.0 | 38.770 | 12.600 | 18.0 | 40.766 | 3.9 | 32.441 | 5.083 | 0.920 | 10.3 | 5.165 | 1.5 | 8.093 | -2.208 | -15.3 | 8.389 |
| 248966.1 | 843424.5 | 102.1 | 38.248 | 12.485 | 18.1 | 40.234 | 3.9 | 32.017 | 5.030 | 0.915 | 10.3 | 5.112 | 1.4 | 7.782 | -2.156 | -15.5 | 8.075 |
| 248965.5 | 843423.7 | 102.1 | 38.061 | 12.465 | 18.1 | 40.050 | 3.9 | 31.871 | 4.994 | 0.913 | 10.4 | 5.076 | 1.4 | 7.619 | -2.106 | -15.5 | 7.904 |
| 248964.9 | 843422.8 | 102.2 | 37.531 | 12.347 | 18.2 | 39.509 | 3.9 | 31.441 | 4.939 | 0.908 | 10.4 | 5.021 | 1.3 | 7.315 | -2.053 | -15.7 | 7.597 |
| 248964.3 | 843422.0 | 102.2 | 37.183 | 12.267 | 18.3 | 39.155 | 3.9 | 31.158 | 4.889 | 0.902 | 10.5 | 4.971 | 1.3 | 7.205 | -2.036 | -15.8 | 7.487 |
| 248963.7 | 843421.2 | 102.3 | 36.953 | 12.213 | 18.3 | 38.919 | 3.9 | 30.971 | 4.842 | 0.896 | 10.5 | 4.925 | 1.3 | 7.223 | -2.041 | -15.8 | 7.506 |
| 248963.2 | 843420.4 | 102.4 | 36.839 | 12.183 | 18.3 | 38.801 | 3.9 | 30.877 | 4.800 | 0.891 | 10.5 | 4.881 | 1.4 | 7.368 | -2.070 | -15.7 | 7.653 |
| 248962.6 | 843419.6 | 102.6 | 37.130 | 12.240 | 18.2 | 39.095 | 3.9 | 31.111 | 4.771 | 0.886 | 10.5 | 4.853 | 1.5 | 7.930 | -2.177 | -15.3 | 8.224 |

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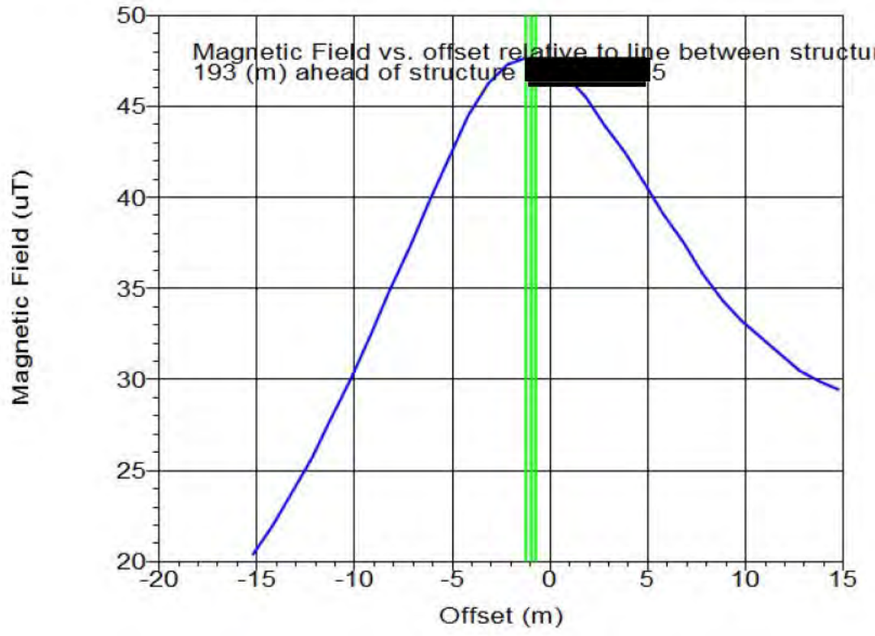
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248962.0 | 843418.8 | 102.6 | 36.786 | 12.161 | 18.3 | 38.744 | 3.9 | 30.831 | 4.720 | 0.880 | 10.6 | 4.802 | 1.5 | 7.853 | -2.165 | -15.4 | 8.146 |
| 248961.4 | 843418.0 | 102.7 | 36.291 | 12.049 | 18.4 | 38.239 | 3.9 | 30.430 | 4.664 | 0.873 | 10.6 | 4.745 | 1.5 | 7.627 | -2.125 | -15.6 | 7.917 |
| 248960.8 | 843417.2 | 102.7 | 35.805 | 11.938 | 18.4 | 37.743 | 3.9 | 30.035 | 4.608 | 0.866 | 10.6 | 4.689 | 1.4 | 7.409 | -2.087 | -15.7 | 7.697 |
| 248960.2 | 843416.3 | 102.8 | 35.545 | 11.877 | 18.5 | 37.477 | 3.9 | 29.823 | 4.561 | 0.860 | 10.7 | 4.641 | 1.4 | 7.426 | -2.093 | -15.7 | 7.715 |
| 248959.7 | 843415.5 | 102.8 | 35.272 | 11.812 | 18.5 | 37.197 | 3.9 | 29.600 | 4.513 | 0.853 | 10.7 | 4.593 | 1.4 | 7.432 | -2.096 | -15.8 | 7.722 |
| 248959.1 | 843414.7 | 102.8 | 34.684 | 11.676 | 18.6 | 36.596 | 3.9 | 29.123 | 4.454 | 0.846 | 10.8 | 4.533 | 1.4 | 7.109 | -2.038 | -16.0 | 7.395 |
| 248958.5 | 843413.9 | 102.9 | 34.367 | 11.601 | 18.7 | 36.272 | 3.9 | 28.865 | 4.404 | 0.840 | 10.8 | 4.484 | 1.4 | 7.070 | -2.033 | -16.0 | 7.356 |
| 248957.9 | 843413.1 | 103.0 | 34.263 | 11.573 | 18.7 | 36.165 | 3.9 | 28.779 | 4.363 | 0.834 | 10.8 | 4.442 | 1.4 | 7.256 | -2.070 | -15.9 | 7.546 |
| 248957.3 | 843412.3 | 103.1 | 33.905 | 11.488 | 18.7 | 35.799 | 3.9 | 28.488 | 4.313 | 0.827 | 10.9 | 4.391 | 1.4 | 7.173 | -2.057 | -16.0 | 7.462 |
| 248956.7 | 843411.5 | 103.1 | 33.534 | 11.399 | 18.8 | 35.418 | 3.9 | 28.185 | 4.263 | 0.820 | 10.9 | 4.341 | 1.4 | 7.073 | -2.040 | -16.1 | 7.361 |
| 248956.2 | 843410.7 | 103.2 | 33.166 | 11.311 | 18.8 | 35.042 | 3.9 | 27.885 | 4.214 | 0.814 | 10.9 | 4.292 | 1.4 | 6.972 | -2.023 | -16.2 | 7.260 |
| 248955.6 | 843409.9 | 103.2 | 32.802 | 11.223 | 18.9 | 34.669 | 3.8 | 27.589 | 4.166 | 0.807 | 11.0 | 4.243 | 1.4 | 6.871 | -2.007 | -16.3 | 7.158 |
| 248955.0 | 843409.0 | 103.3 | 32.428 | 11.132 | 18.9 | 34.286 | 3.8 | 27.284 | 4.119 | 0.800 | 11.0 | 4.196 | 1.4 | 6.754 | -1.988 | -16.4 | 7.040 |
| 248954.4 | 843408.2 | 103.3 | 32.108 | 11.054 | 19.0 | 33.958 | 3.8 | 27.023 | 4.075 | 0.794 | 11.0 | 4.152 | 1.4 | 6.689 | -1.979 | -16.5 | 6.975 |
| 248953.8 | 843407.4 | 103.4 | 31.724 | 10.960 | 19.1 | 33.564 | 3.8 | 26.710 | 4.031 | 0.787 | 11.1 | 4.107 | 1.4 | 6.546 | -1.956 | -16.6 | 6.832 |
| 248953.2 | 843406.6 | 103.4 | 31.316 | 10.859 | 19.1 | 33.145 | 3.8 | 26.376 | 3.987 | 0.781 | 11.1 | 4.063 | 1.3 | 6.369 | -1.926 | -16.8 | 6.653 |
| 248952.7 | 843405.8 | 103.4 | 30.913 | 10.760 | 19.2 | 32.732 | 3.7 | 26.048 | 3.944 | 0.774 | 11.1 | 4.020 | 1.3 | 6.188 | -1.897 | -17.0 | 6.472 |
| 248952.1 | 843405.0 | 103.4 | 30.419 | 10.637 | 19.3 | 32.226 | 3.7 | 25.644 | 3.901 | 0.767 | 11.1 | 3.975 | 1.2 | 5.895 | -1.845 | -17.4 | 6.177 |
| 248951.5 | 843404.2 | 103.5 | 30.090 | 10.554 | 19.3 | 31.888 | 3.7 | 25.375 | 3.863 | 0.761 | 11.1 | 3.937 | 1.2 | 5.780 | -1.829 | -17.6 | 6.062 |
| 248950.9 | 843403.4 | 103.5 | 29.833 | 10.488 | 19.4 | 31.623 | 3.7 | 25.165 | 3.829 | 0.755 | 11.2 | 3.903 | 1.2 | 5.740 | -1.829 | -17.7 | 6.025 |
| 248950.3 | 843402.5 | 103.6 | 29.577 | 10.422 | 19.4 | 31.360 | 3.6 | 24.955 | 3.795 | 0.749 | 11.2 | 3.869 | 1.2 | 5.696 | -1.827 | -17.8 | 5.982 |
| 248949.7 | 843401.7 | 103.7 | 29.369 | 10.367 | 19.4 | 31.145 | 3.6 | 24.785 | 3.764 | 0.744 | 11.2 | 3.837 | 1.2 | 5.701 | -1.836 | -17.8 | 5.989 |
| 248949.2 | 843400.9 | 103.8 | 29.235 | 10.331 | 19.5 | 31.007 | 3.6 | 24.674 | 3.735 | 0.738 | 11.2 | 3.808 | 1.2 | 5.788 | -1.860 | -17.8 | 6.079 |
| 248948.6 | 843400.1 | 103.9 | 29.109 | 10.297 | 19.5 | 30.876 | 3.6 | 24.571 | 3.707 | 0.733 | 11.2 | 3.779 | 1.2 | 5.878 | -1.886 | -17.8 | 6.174 |
| 248948.0 | 843399.3 | 103.9 | 28.749 | 10.205 | 19.5 | 30.507 | 3.6 | 24.276 | 3.673 | 0.727 | 11.2 | 3.744 | 1.2 | 5.692 | -1.857 | -18.1 | 5.987 |
| 248947.4 | 843398.5 | 104.0 | 28.547 | 10.151 | 19.6 | 30.298 | 3.5 | 24.110 | 3.644 | 0.722 | 11.2 | 3.714 | 1.2 | 5.684 | -1.863 | -18.1 | 5.982 |
| 248946.8 | 843397.7 | 104.1 | 28.345 | 10.098 | 19.6 | 30.090 | 3.5 | 23.944 | 3.614 | 0.717 | 11.2 | 3.685 | 1.2 | 5.673 | -1.868 | -18.2 | 5.973 |
| 248946.2 | 843396.9 | 104.2 | 28.133 | 10.042 | 19.6 | 29.871 | 3.5 | 23.771 | 3.585 | 0.711 | 11.2 | 3.655 | 1.2 | 5.646 | -1.870 | -18.3 | 5.948 |
| 248945.7 | 843396.0 | 104.3 | 27.943 | 9.991 | 19.7 | 29.675 | 3.5 | 23.615 | 3.557 | 0.706 | 11.2 | 3.626 | 1.2 | 5.641 | -1.876 | -18.4 | 5.945 |
| 248945.1 | 843395.2 | 104.4 | 27.685 | 9.923 | 19.7 | 29.410 | 3.5 | 23.404 | 3.527 | 0.701 | 11.2 | 3.596 | 1.1 | 5.552 | -1.865 | -18.6 | 5.857 |
| 248944.5 | 843394.4 | 104.4 | 27.374 | 9.840 | 19.8 | 29.089 | 3.4 | 23.148 | 3.496 | 0.696 | 11.3 | 3.564 | 1.1 | 5.393 | -1.840 | -18.8 | 5.699 |
| 248943.9 | 843393.6 | 104.5 | 27.139 | 9.778 | 19.8 | 28.847 | 3.4 | 22.955 | 3.467 | 0.691 | 11.3 | 3.535 | 1.1 | 5.323 | -1.832 | -19.0 | 5.629 |
| 248943.3 | 843392.8 | 104.6 | 26.946 | 9.725 | 19.8 | 28.647 | 3.4 | 22.797 | 3.440 | 0.686 | 11.3 | 3.507 | 1.1 | 5.299 | -1.833 | -19.1 | 5.607 |
| 248942.7 | 843392.0 | 104.6 | 26.691 | 9.657 | 19.9 | 28.385 | 3.3 | 22.588 | 3.411 | 0.681 | 11.3 | 3.478 | 1.0 | 5.197 | -1.818 | -19.3 | 5.506 |
| 248942.2 | 843391.2 | 104.7 | 26.431 | 9.587 | 19.9 | 28.116 | 3.3 | 22.374 | 3.382 | 0.676 | 11.3 | 3.449 | 1.0 | 5.083 | -1.800 | -19.5 | 5.392 |
| 248941.6 | 843390.4 | 104.7 | 26.150 | 9.511 | 20.0 | 27.826 | 3.3 | 22.143 | 3.353 | 0.671 | 11.3 | 3.419 | 0.9 | 4.938 | -1.776 | -19.8 | 5.248 |
| 248941.0 | 843389.5 | 104.8 | 25.854 | 9.430 | 20.0 | 27.520 | 3.2 | 21.900 | 3.324 | 0.666 | 11.3 | 3.390 | 0.9 | 4.771 | -1.746 | -20.1 | 5.080 |
| 248940.4 | 843388.7 | 104.9 | 25.729 | 9.395 | 20.1 | 27.390 | 3.2 | 21.797 | 3.299 | 0.661 | 11.3 | 3.364 | 0.9 | 4.812 | -1.758 | -20.1 | 5.123 |
| 248939.8 | 843387.9 | 105.0 | 25.460 | 9.322 | 20.1 | 27.113 | 3.2 | 21.576 | 3.271 | 0.656 | 11.3 | 3.336 | 0.9 | 4.669 | -1.733 | -20.4 | 4.980 |
| 248939.2 | 843387.1 | 105.0 | 25.151 | 9.237 | 20.2 | 26.793 | 3.1 | 21.321 | 3.242 | 0.651 | 11.4 | 3.307 | 0.8 | 4.467 | -1.696 | -20.8 | 4.778 |
| 248938.7 | 843386.3 | 105.1 | 25.000 | 9.194 | 20.2 | 26.637 | 3.1 | 21.197 | 3.218 | 0.647 | 11.4 | 3.282 | 0.8 | 4.464 | -1.698 | -20.8 | 4.776 |
| 248938.1 | 843385.5 | 105.2 | 24.838 | 9.149 | 20.2 | 26.470 | 3.1 | 21.064 | 3.193 | 0.643 | 11.4 | 3.257 | 0.8 | 4.440 | -1.695 | -20.9 | 4.753 |
| 248937.5 | 843384.7 | 105.3 | 24.668 | 9.101 | 20.3 | 26.293 | 3.1 | 20.923 | 3.169 | 0.638 | 11.4 | 3.233 | 0.8 | 4.399 | -1.689 | -21.0 | 4.712 |
| 248936.9 | 843383.9 | 105.4 | 24.518 | 9.058 | 20.3 | 26.138 | 3.0 | 20.800 | 3.146 | 0.634 | 11.4 | 3.209 | 0.8 | 4.378 | -1.687 | -21.1 | 4.692 |
| 248936.3 | 843383.0 | 105.5 | 24.325 | 9.004 | 20.3 | 25.938 | 3.0 | 20.641 | 3.123 | 0.630 | 11.4 | 3.186 | 0.8 | 4.294 | -1.671 | -21.3 | 4.608 |
| 248935.7 | 843382.2 | 105.5 | 24.073 | 8.933 | 20.4 | 25.677 | 3.0 | 20.433 | 3.099 | 0.626 | 11.4 | 3.162 | 0.8 | 4.123 | -1.638 | -21.7 | 4.436 |
| 248935.2 | 843381.4 | 105.6 | 23.822 | 8.862 | 20.4 | 25.417 | 2.9 | 20.226 | 3.076 | 0.622 | 11.4 | 3.139 | 0.7 | 3.945 | -1.604 | -22.1 | 4.258 |
| 248934.6 | 843380.6 | 105.7 | 23.611 | 8.802 | 20.4 | 25.198 | 2.9 | 20.052 | 3.056 | 0.618 | 11.4 | 3.118 | 0.7 | 3.807 | -1.578 | -22.5 | 4.121 |
| 248934.0 | 843379.8 | 105.9 | 23.692 | 8.823 | 20.4 | 25.282 | 2.9 | 20.119 | 3.043 | 0.615 | 11.4 | 3.104 | 0.8 | 4.047 | -1.628 | -21.9 | 4.362 |
| 248933.4 | 843379.0 | 106.1 | 23.748 | 8.838 | 20.4 | 25.340 | 2.9 | 20.165 | 3.031 | 0.612 | 11.4 | 3.092 | 0.8 | 4.241 | -1.669 | -21.5 | 4.558 |
| 248932.8 | 843378.2 | 106.2 | 23.490 | 8.756 | 20.4 | 25.069 | 2.7 | 19.949 | 3.005 | 0.601 | 11.3 | 3.064 | 0.8 | 4.240 | -1.768 | -22.6 | 4.594 |
| 248932.2 | 843377.4 | 106.2 | 23.278 | 8.696 | 20.5 | 24.849 | 2.7 | 19.775 | 2.989 | 0.597 | 11.3 | 3.048 | 0.8 | 4.061 | -1.735 | -23.1 | 4.416 |
| 248931.7 | 843376.6 | 106.4 | 23.296 | 8.700 | 20.5 | 24.867 | 2.7 | 19.789 | 2.979 | 0.594 | 11.3 | 3.038 | 0.8 | 4.171 | -1.759 | -22.9 | 4.527 |
| 248931.1 | 843375.7 | 106.6 | 23.249 | 8.685 | 20.5 | 24.818 | 2.6 | 19.750 | 2.970 | 0.591 | 11.3 | 3.028 | 0.8 | 4.183 | -1.764 | -22.9 | 4.540 |
| 248930.5 | 843374.9 | 106.7 | 23.181 | 8.666 | 20.5 | 24.748 | 2.6 | 19.693 | 2.961 | 0.589 | 11.2 | 3.019 | 0.8 | 4.154 | -1.761 | -23.0 | 4.512 |
| 248929.9 | 843374.1 | 107.0 | 23.399 | 8.726 | 20.5 | 24.973 | 2.6 | 19.873 | 2.960 | 0.587 | 11.2 | 3.017 | 0.9 | 4.484 | -1.829 | -22.2 | 4.842 |
| 248929.3 | 843373.3 | 107.2 | 23.453 | 8.741 | 20.4 | 25.029 | 2.6 | 19.917 | 2.956 | 0.586 | 11.2 | 3.013 | 0.9 | 4.584 | -1.851 | -22.0 | 4.944 |
| 248928.7 | 843372.5 | 107.3 | 23.370 | 8.717 | 20.5 | 24.942 | 2.6 | 19.848 | 2.950 | 0.584 | 11.2 | 3.007 | 0.9 | 4.495 | -1.835 | -22.2 | 4.855 |
| 248928.2 | 843371.7 | 107.4 | 23.283 | 8.692 | 20.5 | 24.853 | 2.6 | 19.777 | 2.944 | 0.582 | 11.2 | 3.001 | 0.8 | 4.386 | -1.815 | -22.5 | 4.747 |
| 248927.6 | 843370.9 | 107.6 | 23.302 | 8.697 | 20.5 | 24.872 | 2.6 | 19.793 | 2.943 | 0.580 | 11.2 | 3.000 | 0.8 | 4.396 | -1.819 | -22.5 | 4.758 |
| 248927.0 | 843370.1 | 107.8 | 23.330 | 8.705 | 20.5 | 24.901 | 2.6 | 19.816 | 2.944 | 0.580 | 11.1 | 3.001 | 0.8 | 4.401 | -1.821 | -22.5 | 4.763 |
| 248926.4 | 843369.2 | 108.0 | 23.271 | 8.688 | 20.5 | 24.840 | 2.5 | 19.767 | 2.944 | 0.579 | 11.1 | 3.000 | 0.8 | 4.276 | -1.799 | -22.8 | 4.639 |
| 248925.8 | 843368.4 | 108.2 | 23.408 | 8.726 | 20.4 | 24.982 | 2.5 | 19.880 | 2.951 | 0.579 | 11.1 | 3.007 | 0.8 | 4.382 | -1.822 | -22.6 | 4.746 |
| 248925.2 | 843367.6 | 108.5 | 23.567 | 8.771 | 20.4 | 25.147 | 2.6 | 20.011 | 2.961 | 0.579 | 11.1 | 3.017 | 0.9 | 4.495 | -1.846 | -22.3 | 4.859 |
| 248924.7 | 843366.8 | 108.7 | 23.726 | 8.816 | 20.4 | 25.311 | 2.6 | 20.142 | 2.972 | 0.580 | 11.0 | 3.029 | 0.9 | 4.585 | -1.867 | -22.2 | 4.950 |
| 248924.1 | 843366.0 | 109.0 | 23.923 | 8.872 | 20.3 | 25.515 | 2.6 | 20.304 | 2.987 | 0.581 | 11.0 | 3.043 | 0.9 | 4.700 | -1.894 | -21.9 | 5.067 |
| 248923.5 | 843365.2 | 109.3 | 24.233 | 8.959 | 20.3 | 25.836 | 2.6 | 20.559 | 3.008 | 0.583 | 11.0 | 3.064 | 0.9 | 4.930 | -1.943 | -21.5 | 5.299 |
| 248922.9 | 843364.4 | 109.7 | 24.643 | 9.074 | 20.2 | 26.260 | 2.7 | 20.897 | 3.033 | 0.585 | 10.9 | 3.089 | 1.0 | 5.253 | -2.011 | -21.0 | 5.625 |
| 248922.3 | 843363.6 | 110.0 | 25.030 | 9.182 | 20.1 | 26.661 | 2.7 | 21.216 | 3.060 | 0.588 | 10.9 | 3.115 | 1.0 | 5.524 | -2.070 | -20.5 | 5.899 |
| 248921.7 | 843362.7 | 110.3 | 25.401 | 9.285 | 20.1 | 27.045 | 2.8 | 21.522 | 3.087 | 0.591 | 10.8 | 3.143 | 1.0 | 5.751 | -2.119 | -20.2 | 6.129 |
| 248921.2 | 843361.9 | 110.8 | 26.033 | 9.460 | 20.0 | 27.699 | 2.9 | 22.042 | 3.124 | 0.595 | 10.8 | 3.180 | 1.1 | 6.250 | -2.222 | -19.6 | 6.633 |
| 248920.6 | 843361.1 | 111.2 | 26.570 | 9.608 | 19.9 | 28.254 | 3.0 | 22.484 | 3.158 | 0.600 | 10.7 | 3.215 | 1.2 | 6.613 | -2.298 | -19.2 | 7.001 |
| 248920.0 | 843360.3 | 111.3 | 26.551 | 9.604 | 19.9 | 28.234 | 3.0 | 22.468 | 3.174 | 0.601 | 10.7 | 3.230 | 1.1 | 6.353 | -2.251 | -19.5 | 6.740 |
| 248919.4 | 843359.5 | 111.8 | 27.228 | 9.789 | 19.8 | 28.934 | 3.1 | 23.025 | 3.214 | 0.606 | 10.7 | 3.270 | 1.2 | 6.833 | -2.349 | -19.0 | 7.226 |
| 248918.8 | 843358.7 | 112.1 | 27.707 | 9.920 | 19.7 | 29.430 | 3.2 | 23.419 | 3.246 | 0.611 | 10.7 | 3.303 | 1.2 | 7.081 | -2.400 | -18.7 | 7.477 |
| 248918.2 | 843357.9 | 112.7 | 28.793 | 10.212 | 19.5 | 30.551 | 3.4 | 24.311 | 3.302 | 0.619 | 10.6 | 3.360 | 1.4 | 7.928 | -2.567 | -17.9 | 8.333 |
| 248917.7 | 843357.1 | 112.9 | 28.813 | 10.221 | 19.5 | 30.572 | 3.4 | 24.329 | 3.317 | 0.621 | 10.6 | 3.374 | 1.3 | 7.680 | -2.520 | -18.2 | 8.083 |
| 248917.1 | 843356.2 | 113.0 | 28.701 | 10.194 | 19.6 | 30.458 | 3.4 | 24.237 | 3.326 | 0.623 | 10.6 | 3.384 | 1.2 | 7.291 | -2.446 | -18.5 | 7.690 |
| 248916.5 | 843355.4 | 113.3 | 28.834 | 10.233 | 19.5 | 30.596 | 3.4 | 24.347 | 3.344 | 0.626 | 10.6 | 3.402 | 1.1 | 7.143 | -2.418 | -18.7 | 7.541 |
| 248915.9 | 843354.6 | 113.5 | 28.994 | 10.279 | 19.5 | 30.763 | 3.4 | 24.480 | 3.363 | 0.629 | 10.6 | 3.421 | 1.1 | 7.019 | -2.394 | -18.8 | 7.416 |
| 248915.3 | 843353.8 | 113.8 | 29.257 | 10.353 | 19.5 | 31.034 | 3.5 | 24.696 | 3.384 | 0.633 | 10.6 | 3.442 | 1.0 | 6.995 | -2.388 | -18.8 | 7.391 |
| 248914.7 | 843353.0 | 114.1 | 29.608 | 10.450 | 19.4 | 31.398 | 3.5 | 24.986 | 3.407 | 0.638 | 10.6 | 3.466 | 1.0 | 7.057 | -2.398 | -18.8 | 7.453 |
| 248914.2 | 843352.2 | 114.5 | 30.015 | 10.562 | 19.4 | 31.819 | 3.6 | 25.321 | 3.431 | 0.643 | 10.6 | 3.491 | 1.1 | 7.171 | -2.417 | -18.6 | 7.567 |
| 248913.6 | 843351.4 | 114.8 | 30.418 | 10.673 | 19.3 | 32.236 | 3.7 | 25.653 | 3.454 | 0.648 | 10.6 | 3.514 | 1.1 | 7.277 | -2.435 | -18.5 | 7.673 |
| 248913.0 | 843350.6 | 115.1 | 30.952 | 10.819 | 19.3 | 32.788 | 3.9 | 26.092 | 3.480 | 0.654 | 10.6 | 3.541 | 1.2 | 7.507 | -2.476 | -18.3 | 7.904 |
| 248912.4 | 843349.7 | 115.5 | 31.529 | 10.977 | 19.2 | 33.385 | 4.0 | 26.567 | 3.507 | 0.660 | 10.7 | 3.568 | 1.3 | 7.772 | -2.524 | -18.0 | 8.172 |
| 248911.8 | 843348.9 | 115.9 | 32.039 | 11.117 | 19.1 | 33.913 | 4.1 | 26.987 | 3.530 | 0.665 | 10.7 | 3.592 | 1.3 | 7.971 | -2.559 | -17.8 | 8.372 |

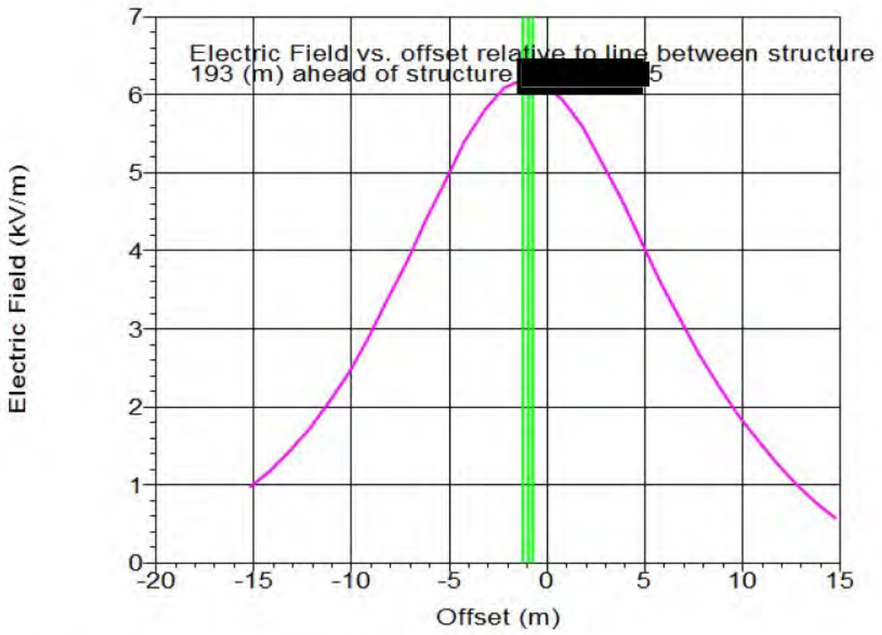
| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248911.2 | 843348.1 | 116.2 | 32.556 | 11.258 | 19.1 | 34.448 | 4.3 | 27.413 | 3.553 | 0.670 | 10.7 | 3.615 | 1.4 | 8.174 | -2.595 | -17.6 | 8.576 |
| 248910.7 | 843347.3 | 116.6 | 33.052 | 11.395 | 19.0 | 34.961 | 4.4 | 27.821 | 3.573 | 0.676 | 10.7 | 3.637 | 1.5 | 8.356 | -2.628 | -17.5 | 8.760 |
| 248910.1 | 843346.5 | 116.8 | 33.295 | 11.466 | 19.0 | 35.214 | 4.5 | 28.023 | 3.583 | 0.679 | 10.7 | 3.647 | 1.5 | 8.316 | -2.617 | -17.5 | 8.718 |
| 248909.5 | 843345.7 | 117.1 | 33.336 | 11.485 | 19.0 | 35.259 | 4.5 | 28.058 | 3.585 | 0.681 | 10.8 | 3.649 | 1.5 | 8.102 | -2.573 | -17.6 | 8.500 |
| 248908.9 | 843344.9 | 117.4 | 33.710 | 11.591 | 19.0 | 35.647 | 4.6 | 28.367 | 3.597 | 0.685 | 10.8 | 3.662 | 1.5 | 8.194 | -2.590 | -17.5 | 8.594 |
| 248908.3 | 843344.1 | 117.8 | 34.539 | 11.817 | 18.9 | 36.504 | 4.8 | 29.049 | 3.624 | 0.691 | 10.8 | 3.689 | 1.7 | 8.692 | -2.687 | -17.2 | 9.098 |
| 248907.7 | 843343.2 | 118.2 | 35.374 | 12.045 | 18.8 | 37.368 | 5.0 | 29.737 | 3.649 | 0.697 | 10.8 | 3.715 | 2.0 | 9.190 | -2.786 | -16.9 | 9.604 |
| 248907.2 | 843342.4 | 118.5 | 35.545 | 12.100 | 18.8 | 37.548 | 5.1 | 29.880 | 3.647 | 0.699 | 10.8 | 3.713 | 2.0 | 9.139 | -2.775 | -16.9 | 9.551 |
| 248906.6 | 843341.6 | 118.7 | 35.320 | 12.052 | 18.8 | 37.320 | 5.1 | 29.698 | 3.629 | 0.697 | 10.9 | 3.695 | 1.8 | 8.774 | -2.700 | -17.1 | 9.180 |
| 248906.0 | 843340.8 | 118.9 | 35.337 | 12.068 | 18.9 | 37.341 | 5.1 | 29.715 | 3.617 | 0.697 | 10.9 | 3.684 | 1.8 | 8.631 | -2.670 | -17.2 | 9.034 |
| 248905.4 | 843340.0 | 119.2 | 35.637 | 12.158 | 18.8 | 37.654 | 5.2 | 29.964 | 3.613 | 0.699 | 10.9 | 3.679 | 1.8 | 8.750 | -2.690 | -17.1 | 9.154 |
| 248904.8 | 843339.2 | 119.5 | 35.902 | 12.241 | 18.8 | 37.931 | 5.3 | 30.185 | 3.604 | 0.699 | 11.0 | 3.671 | 1.9 | 8.863 | -2.709 | -17.0 | 9.267 |
| 248904.2 | 843338.4 | 119.8 | 36.473 | 12.405 | 18.8 | 38.525 | 5.5 | 30.657 | 3.604 | 0.702 | 11.0 | 3.672 | 2.0 | 9.251 | -2.782 | -16.7 | 9.661 |
| 248903.7 | 843337.6 | 120.1 | 36.614 | 12.456 | 18.8 | 38.674 | 5.5 | 30.776 | 3.586 | 0.702 | 11.1 | 3.654 | 2.0 | 9.309 | -2.786 | -16.7 | 9.717 |
| 248903.1 | 843336.8 | 120.2 | 36.107 | 12.333 | 18.9 | 38.155 | 5.4 | 30.363 | 3.545 | 0.696 | 11.1 | 3.612 | 1.8 | 8.864 | -2.686 | -16.9 | 9.262 |
| 248902.5 | 843335.9 | 120.3 | 35.602 | 12.211 | 18.9 | 37.638 | 5.3 | 29.951 | 3.502 | 0.690 | 11.1 | 3.569 | 1.6 | 8.440 | -2.588 | -17.0 | 8.828 |
| 248901.9 | 843335.1 | 120.3 | 35.077 | 12.081 | 19.0 | 37.099 | 5.2 | 29.523 | 3.457 | 0.684 | 11.2 | 3.524 | 1.4 | 8.020 | -2.490 | -17.2 | 8.398 |
| 248901.3 | 843334.3 | 120.4 | 34.500 | 11.936 | 19.1 | 36.506 | 5.0 | 29.051 | 3.411 | 0.677 | 11.2 | 3.477 | 1.2 | 7.574 | -2.384 | -17.5 | 7.940 |
| 248900.7 | 843333.5 | 120.5 | 33.908 | 11.786 | 19.2 | 35.898 | 4.9 | 28.567 | 3.363 | 0.669 | 11.3 | 3.429 | 1.0 | 7.133 | -2.278 | -17.7 | 7.488 |
| 248900.2 | 843332.7 | 120.5 | 33.377 | 11.652 | 19.2 | 35.352 | 4.7 | 28.132 | 3.317 | 0.662 | 11.3 | 3.382 | 0.9 | 6.765 | -2.185 | -17.9 | 7.109 |
| 248899.6 | 843331.9 | 120.6 | 32.811 | 11.506 | 19.3 | 34.770 | 4.6 | 27.669 | 3.269 | 0.654 | 11.3 | 3.334 | 0.7 | 6.383 | -2.088 | -18.1 | 6.716 |
| 248899.0 | 843331.1 | 120.7 | 32.326 | 11.382 | 19.4 | 34.271 | 4.4 | 27.272 | 3.223 | 0.647 | 11.3 | 3.287 | 0.6 | 6.096 | -2.009 | -18.2 | 6.418 |
| 248898.4 | 843330.3 | 120.8 | 32.025 | 11.309 | 19.4 | 33.963 | 4.4 | 27.027 | 3.182 | 0.640 | 11.4 | 3.245 | 0.5 | 6.003 | -1.968 | -18.2 | 6.317 |
| 248897.8 | 843329.4 | 120.9 | 31.594 | 11.198 | 19.5 | 33.520 | 4.2 | 26.674 | 3.137 | 0.633 | 11.4 | 3.200 | 0.5 | 5.805 | -1.906 | -18.2 | 6.110 |
| 248897.2 | 843328.6 | 120.9 | 30.941 | 11.024 | 19.6 | 32.847 | 4.1 | 26.139 | 3.087 | 0.623 | 11.4 | 3.149 | 0.3 | 5.405 | -1.804 | -18.5 | 5.698 |
| 248896.7 | 843327.8 | 121.0 | 30.667 | 10.956 | 19.7 | 32.565 | 4.0 | 25.914 | 3.046 | 0.616 | 11.4 | 3.108 | 0.3 | 5.391 | -1.779 | -18.3 | 5.677 |
| 248896.1 | 843327.0 | 121.1 | 30.159 | 10.820 | 19.7 | 32.042 | 3.8 | 25.498 | 3.001 | 0.607 | 11.4 | 3.062 | 0.3 | 5.160 | -1.711 | -18.3 | 5.437 |
| 248895.5 | 843326.2 | 121.1 | 29.681 | 10.693 | 19.8 | 31.549 | 3.7 | 25.106 | 2.956 | 0.598 | 11.4 | 3.016 | 0.2 | 4.970 | -1.652 | -18.4 | 5.237 |
| 248894.9 | 843325.4 | 121.1 | 29.003 | 10.506 | 19.9 | 30.847 | 3.5 | 24.547 | 2.908 | 0.588 | 11.4 | 2.967 | 0.2 | 4.579 | -1.554 | -18.7 | 4.836 |
| 248894.3 | 843324.6 | 121.3 | 28.861 | 10.473 | 19.9 | 30.703 | 3.4 | 24.432 | 2.871 | 0.581 | 11.4 | 2.929 | 0.2 | 4.758 | -1.570 | -18.3 | 5.010 |
| 248893.7 | 843323.8 | 121.5 | 28.758 | 10.453 | 20.0 | 30.599 | 3.4 | 24.350 | 2.835 | 0.573 | 11.4 | 2.893 | 0.3 | 4.986 | -1.598 | -17.8 | 5.236 |
| 248893.2 | 843322.9 | 121.7 | 28.594 | 10.414 | 20.0 | 30.431 | 3.4 | 24.216 | 2.799 | 0.565 | 11.4 | 2.855 | 0.4 | 5.162 | -1.616 | -17.4 | 5.409 |
| 248892.6 | 843322.1 | 121.8 | 28.345 | 10.350 | 20.1 | 30.176 | 3.3 | 24.013 | 2.761 | 0.557 | 11.4 | 2.816 | 0.4 | 5.259 | -1.619 | -17.1 | 5.503 |
| 248892.0 | 843321.3 | 121.9 | 27.938 | 10.239 | 20.1 | 29.755 | 3.1 | 23.678 | 2.719 | 0.547 | 11.4 | 2.774 | 0.4 | 5.199 | -1.593 | -17.0 | 5.438 |
| 248891.4 | 843320.5 | 121.9 | 27.538 | 10.129 | 20.2 | 29.342 | 3.0 | 23.350 | 2.678 | 0.538 | 11.4 | 2.731 | 0.4 | 5.153 | -1.570 | -16.9 | 5.387 |
| 248890.8 | 843319.7 | 122.0 | 27.146 | 10.021 | 20.3 | 28.936 | 2.9 | 23.027 | 2.637 | 0.528 | 11.3 | 2.689 | 0.4 | 5.120 | -1.550 | -16.8 | 5.349 |
| 248890.2 | 843318.9 | 122.1 | 26.673 | 9.887 | 20.3 | 28.446 | 2.7 | 22.637 | 2.594 | 0.518 | 11.3 | 2.645 | 0.5 | 5.004 | -1.515 | -16.8 | 5.228 |
| 248889.7 | 843318.1 | 122.1 | 26.204 | 9.754 | 20.4 | 27.960 | 2.6 | 22.250 | 2.552 | 0.508 | 11.3 | 2.602 | 0.5 | 4.893 | -1.483 | -16.9 | 5.113 |
| 248889.1 | 843317.3 | 122.2 | 25.800 | 9.639 | 20.5 | 27.542 | 2.5 | 21.917 | 2.511 | 0.499 | 11.2 | 2.560 | 0.5 | 4.854 | -1.465 | -16.8 | 5.070 |
| 248888.5 | 843316.4 | 122.2 | 25.402 | 9.526 | 20.6 | 27.129 | 2.3 | 21.589 | 2.471 | 0.489 | 11.2 | 2.519 | 0.6 | 4.820 | -1.450 | -16.7 | 5.034 |
| 248887.9 | 843315.6 | 122.3 | 24.968 | 9.401 | 20.6 | 26.679 | 2.2 | 21.231 | 2.431 | 0.479 | 11.2 | 2.478 | 0.6 | 4.746 | -1.428 | -16.8 | 4.956 |
| 248887.3 | 843314.8 | 122.3 | 24.571 | 9.286 | 20.7 | 26.267 | 2.0 | 20.903 | 2.392 | 0.470 | 11.1 | 2.438 | 0.7 | 4.708 | -1.415 | -16.7 | 4.916 |
| 248886.7 | 843314.0 | 122.3 | 24.138 | 9.159 | 20.8 | 25.817 | 1.9 | 20.545 | 2.354 | 0.460 | 11.1 | 2.398 | 0.7 | 4.625 | -1.394 | -16.8 | 4.831 |
| 248886.2 | 843313.2 | 122.3 | 23.592 | 8.996 | 20.9 | 25.249 | 1.7 | 20.092 | 2.313 | 0.450 | 11.0 | 2.356 | 0.8 | 4.405 | -1.349 | -17.0 | 4.607 |
| 248885.6 | 843312.4 | 122.2 | 22.983 | 8.812 | 21.0 | 24.614 | 1.6 | 19.587 | 2.272 | 0.439 | 10.9 | 2.314 | 0.8 | 4.098 | -1.288 | -17.5 | 4.295 |
| 248885.0 | 843311.6 | 122.2 | 22.519 | 8.672 | 21.1 | 24.131 | 1.4 | 19.203 | 2.235 | 0.430 | 10.9 | 2.276 | 0.9 | 3.949 | -1.260 | -17.7 | 4.145 |
| 248884.4 | 843310.8 | 122.3 | 22.199 | 8.577 | 21.1 | 23.798 | 1.4 | 18.938 | 2.203 | 0.421 | 10.8 | 2.243 | 1.0 | 3.963 | -1.264 | -17.7 | 4.160 |
| 248883.8 | 843309.9 | 122.3 | 21.681 | 8.418 | 21.2 | 23.258 | 1.2 | 18.508 | 2.167 | 0.411 | 10.8 | 2.206 | 1.0 | 3.726 | -1.222 | -18.2 | 3.921 |
| 248883.2 | 843309.1 | 122.3 | 21.380 | 8.327 | 21.3 | 22.945 | 1.2 | 18.259 | 2.137 | 0.403 | 10.7 | 2.175 | 1.1 | 3.744 | -1.229 | -18.2 | 3.941 |
| 248882.7 | 843308.3 | 122.4 | 21.127 | 8.251 | 21.3 | 22.681 | 1.1 | 18.049 | 2.110 | 0.396 | 10.6 | 2.146 | 1.2 | 3.812 | -1.247 | -18.1 | 4.010 |
| 248882.1 | 843307.5 | 122.5 | 20.948 | 8.200 | 21.4 | 22.496 | 1.1 | 17.902 | 2.085 | 0.389 | 10.6 | 2.121 | 1.3 | 3.964 | -1.281 | -17.9 | 4.165 |
| 248881.5 | 843306.7 | 122.6 | 20.601 | 8.093 | 21.4 | 22.133 | 1.1 | 17.613 | 2.057 | 0.381 | 10.5 | 2.092 | 1.3 | 3.895 | -1.275 | -18.1 | 4.098 |
| 248880.9 | 843305.9 | 122.6 | 20.317 | 8.006 | 21.5 | 21.837 | 1.1 | 17.378 | 2.031 | 0.373 | 10.4 | 2.065 | 1.4 | 3.896 | -1.282 | -18.2 | 4.102 |
| 248880.3 | 843305.1 | 122.7 | 19.969 | 7.897 | 21.6 | 21.473 | 1.1 | 17.088 | 2.004 | 0.365 | 10.3 | 2.037 | 1.5 | 3.804 | -1.274 | -18.5 | 4.012 |
| 248879.7 | 843304.3 | 122.7 | 19.635 | 7.792 | 21.6 | 21.125 | 1.1 | 16.811 | 1.978 | 0.358 | 10.3 | 2.010 | 1.5 | 3.721 | -1.268 | -18.8 | 3.931 |
| 248879.2 | 843303.4 | 122.7 | 19.310 | 7.690 | 21.7 | 20.785 | 1.2 | 16.540 | 1.953 | 0.351 | 10.2 | 1.984 | 1.6 | 3.637 | -1.262 | -19.1 | 3.850 |
| 248878.6 | 843302.6 | 122.8 | 19.028 | 7.601 | 21.8 | 20.490 | 1.3 | 16.305 | 1.929 | 0.344 | 10.1 | 1.960 | 1.7 | 3.600 | -1.264 | -19.3 | 3.816 |
| 248878.0 | 843301.8 | 122.8 | 18.751 | 7.514 | 21.8 | 20.200 | 1.3 | 16.075 | 1.906 | 0.337 | 10.0 | 1.936 | 1.7 | 3.562 | -1.267 | -19.6 | 3.781 |
| 248877.4 | 843301.0 | 122.9 | 18.463 | 7.422 | 21.9 | 19.899 | 1.4 | 15.835 | 1.883 | 0.331 | 10.0 | 1.912 | 1.8 | 3.500 | -1.265 | -19.9 | 3.722 |
| 248876.8 | 843300.2 | 122.9 | 18.136 | 7.316 | 22.0 | 19.556 | 1.5 | 15.562 | 1.860 | 0.324 | 9.9 | 1.888 | 1.9 | 3.374 | -1.252 | -20.4 | 3.599 |
| 248876.2 | 843299.4 | 122.9 | 17.880 | 7.234 | 22.0 | 19.288 | 1.6 | 15.349 | 1.838 | 0.318 | 9.8 | 1.865 | 1.9 | 3.339 | -1.255 | -20.6 | 3.567 |
| 248875.7 | 843298.6 | 123.0 | 17.661 | 7.164 | 22.1 | 19.059 | 1.7 | 15.166 | 1.817 | 0.312 | 9.8 | 1.844 | 2.0 | 3.347 | -1.265 | -20.7 | 3.578 |
| 248875.1 | 843297.8 | 123.0 | 17.367 | 7.068 | 22.1 | 18.750 | 1.8 | 14.921 | 1.795 | 0.306 | 9.7 | 1.821 | 2.1 | 3.242 | -1.255 | -21.2 | 3.476 |
| 248874.5 | 843297.0 | 123.0 | 17.078 | 6.973 | 22.2 | 18.447 | 1.9 | 14.679 | 1.774 | 0.301 | 9.6 | 1.799 | 2.1 | 3.136 | -1.244 | -21.6 | 3.374 |
| 248873.9 | 843296.1 | 123.2 | 17.004 | 6.952 | 22.2 | 18.370 | 2.0 | 14.618 | 1.757 | 0.297 | 9.6 | 1.782 | 2.2 | 3.335 | -1.284 | -21.1 | 3.573 |
| 248873.3 | 843295.3 | 123.4 | 16.920 | 6.928 | 22.3 | 18.284 | 2.0 | 14.550 | 1.740 | 0.293 | 9.6 | 1.764 | 2.3 | 3.516 | -1.319 | -20.6 | 3.755 |
| 248872.7 | 843294.5 | 123.5 | 16.810 | 6.895 | 22.3 | 18.169 | 2.1 | 14.459 | 1.722 | 0.289 | 9.5 | 1.747 | 2.4 | 3.653 | -1.346 | -20.2 | 3.893 |
| 248872.2 | 843293.7 | 123.7 | 16.683 | 6.855 | 22.3 | 18.036 | 2.2 | 14.353 | 1.705 | 0.286 | 9.5 | 1.729 | 2.5 | 3.762 | -1.368 | -20.0 | 4.003 |
| 248871.6 | 843292.9 | 123.7 | 16.428 | 6.770 | 22.4 | 17.768 | 2.3 | 14.140 | 1.684 | 0.281 | 9.5 | 1.708 | 2.6 | 3.682 | -1.358 | -20.2 | 3.924 |
| 248871.0 | 843292.1 | 123.7 | 16.165 | 6.682 | 22.5 | 17.491 | 2.4 | 13.919 | 1.664 | 0.276 | 9.4 | 1.687 | 2.6 | 3.583 | -1.345 | -20.6 | 3.827 |
| 248870.4 | 843291.3 | 123.9 | 16.094 | 6.662 | 22.5 | 17.418 | 2.5 | 13.861 | 1.648 | 0.273 | 9.4 | 1.670 | 2.7 | 3.763 | -1.375 | -20.1 | 4.006 |
| 248869.8 | 843290.5 | 124.1 | 16.004 | 6.635 | 22.5 | 17.325 | 2.6 | 13.787 | 1.632 | 0.270 | 9.4 | 1.654 | 2.8 | 3.912 | -1.400 | -19.7 | 4.155 |
| 248869.2 | 843289.6 | 124.1 | 15.739 | 6.545 | 22.6 | 17.045 | 2.7 | 13.564 | 1.612 | 0.265 | 9.3 | 1.633 | 2.9 | 3.797 | -1.382 | -20.0 | 4.040 |
| 248868.7 | 843288.8 | 124.1 | 15.479 | 6.456 | 22.6 | 16.771 | 2.8 | 13.346 | 1.592 | 0.260 | 9.3 | 1.613 | 2.9 | 3.683 | -1.365 | -20.3 | 3.928 |
| 248868.1 | 843288.0 | 124.1 | 15.193 | 6.358 | 22.7 | 16.470 | 3.0 | 13.106 | 1.571 | 0.255 | 9.2 | 1.592 | 3.0 | 3.524 | -1.339 | -20.8 | 3.770 |
| 248867.5 | 843287.2 | 124.1 | 14.956 | 6.276 | 22.8 | 16.220 | 3.1 | 12.907 | 1.552 | 0.251 | 9.2 | 1.572 | 3.0 | 3.432 | -1.324 | -21.1 | 3.678 |
| 248866.9 | 843286.4 | 124.2 | 14.797 | 6.223 | 22.8 | 16.053 | 3.2 | 12.774 | 1.535 | 0.247 | 9.1 | 1.555 | 3.1 | 3.457 | -1.327 | -21.0 | 3.702 |
| 248866.3 | 843285.6 | 124.2 | 14.549 | 6.137 | 22.9 | 15.790 | 3.4 | 12.566 | 1.516 | 0.243 | 9.1 | 1.535 | 3.1 | 3.336 | -1.306 | -21.4 | 3.583 |
| 248865.7 | 843284.8 | 124.2 | 14.307 | 6.052 | 22.9 | 15.534 | 3.5 | 12.362 | 1.497 | 0.238 | 9.0 | 1.516 | 3.1 | 3.218 | -1.286 | -21.8 | 3.466 |
| 248865.2 | 843284.0 | 124.3 | 14.119 | 5.987 | 23.0 | 15.336 | 3.6 | 12.204 | 1.480 | 0.235 | 9.0 | 1.499 | 3.2 | 3.182 | -1.278 | -21.9 | 3.429 |
| 248864.6 | 843283.1 | 124.4 | 14.030 | 5.958 | 23.0 | 15.243 | 3.7 | 12.130 | 1.465 | 0.232 | 9.0 | 1.484 | 3.3 | 3.304 | -1.294 | -21.4 | 3.548 |
| 248864.0 | 843282.3 | 124.4 | 13.816 | 5.883 | 23.1 | 15.016 | 3.9 | 11.950 | 1.448 | 0.228 | 9.0 | 1.466 | 3.3 | 3.217 | -1.277 | -21.7 | 3.461 |
| 248863.4 | 843281.5 | 124.5 | 13.643 | 5.822 | 23.1 | 14.833 | 4.0 | 11.804 | 1.432 | 0.225 | 8.9 | 1.449 | 3.4 | 3.193 | -1.270 | -21.7 | 3.436 |
| 248862.8 | 843280.7 | 124.6 | 13.480 | 5.765 | 23.2 | 14.662 | 4.1 | 11.667 | 1.416 | 0.221 | 8.9 | 1.433 | 3.4 | 3.183 | -1.265 | -21.7 | 3.425 |
| 248862.2 | 843279.9 | 124.6 | 13.318 | 5.708 | 23.2 | 14.490 | 4.2 | 11.531 | 1.400 | 0.218 | 8.9 | 1.417 | 3.5 | 3.168 | -1.258 | -21.7 | 3.409 |
| 248861.7 | 843279.1 | 124.7 | 13.131 | 5.642 | 23.3 | 14.292 | 4.4 | 11.373 | 1.384 | 0.214 | 8.8 | 1.400 | 3.5 | 3.109 | -1.245 | -21.8 | 3.349 |
| 248861.1 | 843278.3 | 124.7 | 12.944 | 5.575 | 23.3 | 14.093 | 4.5 | 11.215 | 1.368 | 0.211 | 8.8 | 1.384 | 3.6 | 3.043 | -1.231 | -22.0 | 3.282 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248860.5 | 843277.5 | 124.7 | 12.741 | 5.502 | 23.4 | 13.878 | 4.7 | 11.044 | 1.351 | 0.207 | 8.7 | 1.367 | 3.6 | 2.946 | -1.212 | -22.4 | 3.185 |
| 248859.9 | 843276.6 | 124.7 | 12.574 | 5.441 | 23.4 | 13.701 | 4.8 | 10.903 | 1.336 | 0.204 | 8.7 | 1.351 | 3.7 | 2.906 | -1.201 | -22.4 | 3.144 |
| 248859.3 | 843275.8 | 124.8 | 12.402 | 5.380 | 23.4 | 13.519 | 5.0 | 10.758 | 1.321 | 0.200 | 8.6 | 1.336 | 3.7 | 2.855 | -1.188 | -22.6 | 3.093 |
| 248858.7 | 843275.0 | 124.8 | 12.234 | 5.319 | 23.5 | 13.340 | 5.1 | 10.616 | 1.305 | 0.197 | 8.6 | 1.320 | 3.7 | 2.807 | -1.175 | -22.7 | 3.043 |
| 248858.2 | 843274.2 | 124.8 | 12.062 | 5.256 | 23.5 | 13.158 | 5.3 | 10.471 | 1.290 | 0.193 | 8.5 | 1.304 | 3.8 | 2.748 | -1.161 | -22.9 | 2.983 |
| 248857.6 | 843273.4 | 124.8 | 11.887 | 5.192 | 23.6 | 12.971 | 5.4 | 10.322 | 1.274 | 0.190 | 8.5 | 1.289 | 3.8 | 2.677 | -1.144 | -23.1 | 2.911 |
| 248857.0 | 843272.6 | 124.9 | 11.719 | 5.130 | 23.6 | 12.793 | 5.6 | 10.180 | 1.259 | 0.187 | 8.4 | 1.273 | 3.8 | 2.618 | -1.129 | -23.3 | 2.851 |
| 248856.4 | 843271.8 | 124.8 | 11.522 | 5.057 | 23.7 | 12.582 | 5.7 | 10.013 | 1.243 | 0.183 | 8.4 | 1.257 | 3.8 | 2.496 | -1.105 | -23.9 | 2.730 |
| 248855.8 | 843271.0 | 124.8 | 11.331 | 4.986 | 23.7 | 12.379 | 5.9 | 9.851 | 1.228 | 0.179 | 8.3 | 1.241 | 3.8 | 2.383 | -1.082 | -24.4 | 2.617 |
| 248855.2 | 843270.1 | 124.8 | 11.146 | 4.916 | 23.8 | 12.182 | 6.1 | 9.694 | 1.212 | 0.175 | 8.2 | 1.225 | 3.8 | 2.274 | -1.060 | -25.0 | 2.509 |
| 248854.7 | 843269.3 | 124.8 | 10.998 | 4.861 | 23.8 | 12.024 | 6.2 | 9.568 | 1.197 | 0.172 | 8.2 | 1.209 | 3.9 | 2.235 | -1.047 | -25.1 | 2.468 |
| 248854.1 | 843268.5 | 124.9 | 10.879 | 4.818 | 23.9 | 11.898 | 6.3 | 9.468 | 1.182 | 0.170 | 8.2 | 1.195 | 4.0 | 2.252 | -1.040 | -24.8 | 2.481 |
| 248853.5 | 843267.7 | 124.9 | 10.754 | 4.772 | 23.9 | 11.765 | 6.5 | 9.363 | 1.168 | 0.167 | 8.1 | 1.180 | 4.0 | 2.254 | -1.031 | -24.6 | 2.479 |
| 248852.9 | 843266.9 | 124.9 | 10.566 | 4.701 | 24.0 | 11.564 | 6.6 | 9.203 | 1.152 | 0.163 | 8.1 | 1.163 | 4.0 | 2.121 | -1.005 | -25.3 | 2.347 |
| 248852.3 | 843266.1 | 125.0 | 10.481 | 4.671 | 24.0 | 11.475 | 6.7 | 9.132 | 1.138 | 0.161 | 8.0 | 1.149 | 4.1 | 2.199 | -1.005 | -24.6 | 2.418 |
| 248851.7 | 843265.3 | 125.1 | 10.400 | 4.643 | 24.1 | 11.389 | 6.8 | 9.063 | 1.123 | 0.159 | 8.0 | 1.134 | 4.2 | 2.281 | -1.005 | -23.8 | 2.492 |
| 248851.2 | 843264.5 | 125.0 | 10.228 | 4.577 | 24.1 | 11.206 | 7.0 | 8.917 | 1.108 | 0.155 | 8.0 | 1.118 | 4.2 | 2.170 | -0.980 | -24.3 | 2.381 |
| 248850.6 | 843263.6 | 124.9 | 10.032 | 4.501 | 24.2 | 10.996 | 7.1 | 8.750 | 1.092 | 0.151 | 7.9 | 1.102 | 4.1 | 1.999 | -0.947 | -25.4 | 2.212 |
| 248850.0 | 843262.8 | 125.1 | 10.008 | 4.496 | 24.2 | 10.971 | 7.1 | 8.731 | 1.078 | 0.150 | 7.9 | 1.088 | 4.3 | 2.192 | -0.960 | -23.7 | 2.393 |
| 248849.4 | 843262.0 | 125.2 | 9.920 | 4.465 | 24.2 | 10.878 | 7.2 | 8.657 | 1.063 | 0.147 | 7.9 | 1.074 | 4.4 | 2.245 | -0.955 | -23.0 | 2.440 |
| 248848.8 | 843261.2 | 125.3 | 9.816 | 4.427 | 24.3 | 10.768 | 7.3 | 8.569 | 1.049 | 0.145 | 7.9 | 1.059 | 4.5 | 2.260 | -0.944 | -22.7 | 2.449 |
| 248848.2 | 843260.4 | 125.3 | 9.694 | 4.382 | 24.3 | 10.638 | 7.3 | 8.465 | 1.034 | 0.142 | 7.8 | 1.043 | 4.5 | 2.230 | -0.928 | -22.6 | 2.415 |
| 248847.7 | 843259.6 | 125.3 | 9.589 | 4.343 | 24.4 | 10.526 | 7.4 | 8.377 | 1.019 | 0.139 | 7.8 | 1.028 | 4.6 | 2.233 | -0.915 | -22.3 | 2.413 |
| 248847.1 | 843258.8 | 125.4 | 9.489 | 4.307 | 24.4 | 10.420 | 7.4 | 8.292 | 1.004 | 0.137 | 7.8 | 1.013 | 4.6 | 2.242 | -0.903 | -21.9 | 2.417 |
| 248846.5 | 843258.0 | 125.4 | 9.392 | 4.271 | 24.5 | 10.317 | 7.4 | 8.210 | 0.989 | 0.134 | 7.7 | 0.998 | 4.7 | 2.252 | -0.890 | -21.6 | 2.422 |
| 248845.9 | 843257.2 | 125.4 | 9.274 | 4.227 | 24.5 | 10.191 | 7.4 | 8.110 | 0.974 | 0.131 | 7.7 | 0.982 | 4.7 | 2.211 | -0.872 | -21.5 | 2.376 |

Max EF along centerline is 6.114 (kV/m) at 193.000 (m) from structure [redacted]-5

Cross section results at max EF along centerline between structures [redacted]-5 and [redacted]-6T






3D EMF Point Results Span from [redacted]-5 to [redacted]-6T:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 249014.6 | 843466.0 | 98.0 | 18.471 | 8.624 | 25.0 | 20.386 | 20.1 | 16.222 | 0.809 | 0.522 | 32.8 | 0.962 | 12.5 | 2.582 | -1.535 | -30.7 | 3.004 |
| 249013.8 | 843466.5 | 97.9 | 20.055 | 9.106 | 24.4 | 22.025 | 19.8 | 17.527 | 1.016 | 0.588 | 30.1 | 1.174 | 11.0 | 2.998 | -1.656 | -28.9 | 3.425 |
| 249013.0 | 843467.1 | 97.9 | 21.789 | 9.602 | 23.8 | 23.811 | 19.4 | 18.949 | 1.261 | 0.657 | 27.5 | 1.422 | 9.8 | 3.466 | -1.773 | -27.1 | 3.893 |
| 249012.1 | 843467.7 | 97.8 | 23.686 | 10.110 | 23.1 | 25.753 | 18.8 | 20.494 | 1.551 | 0.726 | 25.1 | 1.712 | 8.8 | 3.992 | -1.883 | -25.3 | 4.414 |
| 249011.3 | 843468.3 | 97.8 | 25.749 | 10.624 | 22.4 | 27.854 | 18.2 | 22.166 | 1.888 | 0.794 | 22.8 | 2.048 | 7.9 | 4.576 | -1.984 | -23.4 | 4.987 |
| 249010.5 | 843468.9 | 97.7 | 27.960 | 11.134 | 21.7 | 30.095 | 17.4 | 23.949 | 2.275 | 0.859 | 20.7 | 2.432 | 7.1 | 5.202 | -2.066 | -21.7 | 5.597 |
| 249009.7 | 843469.5 | 97.7 | 30.257 | 11.620 | 21.0 | 32.411 | 16.4 | 25.792 | 2.713 | 0.918 | 18.7 | 2.864 | 6.3 | 5.817 | -2.111 | -19.9 | 6.188 |
| 249008.9 | 843470.0 | 97.6 | 32.698 | 12.105 | 20.3 | 34.867 | 15.2 | 27.746 | 3.199 | 0.969 | 16.9 | 3.342 | 5.5 | 6.482 | -2.148 | -18.3 | 6.829 |
| 249008.1 | 843470.6 | 97.5 | 35.067 | 12.534 | 19.7 | 37.240 | 14.0 | 29.635 | 3.719 | 1.011 | 15.2 | 3.854 | 4.7 | 7.023 | -2.129 | -16.9 | 7.338 |
| 249007.3 | 843471.2 | 97.4 | 37.508 | 12.963 | 19.1 | 39.685 | 12.6 | 31.580 | 4.262 | 1.042 | 13.7 | 4.388 | 4.1 | 7.604 | -2.114 | -15.5 | 7.892 |
| 249006.5 | 843471.8 | 97.4 | 39.942 | 13.384 | 18.5 | 42.125 | 11.1 | 33.522 | 4.802 | 1.063 | 12.5 | 4.918 | 3.5 | 8.206 | -2.103 | -14.4 | 8.471 |
| 249005.6 | 843472.4 | 97.4 | 42.268 | 13.789 | 18.1 | 44.460 | 9.5 | 35.381 | 5.304 | 1.073 | 11.4 | 5.412 | 3.0 | 8.802 | -2.096 | -13.4 | 9.048 |
| 249004.8 | 843473.0 | 97.3 | 44.055 | 14.111 | 17.8 | 46.260 | 7.9 | 36.812 | 5.716 | 1.074 | 10.6 | 5.816 | 2.5 | 9.076 | -2.040 | -12.7 | 9.302 |
| 249004.0 | 843473.5 | 97.2 | 45.089 | 14.333 | 17.6 | 47.313 | 6.2 | 37.650 | 5.993 | 1.069 | 10.1 | 6.087 | 2.0 | 8.913 | -1.934 | -12.2 | 9.121 |
| 249003.2 | 843474.1 | 97.1 | 45.439 | 14.486 | 17.7 | 47.692 | 4.6 | 37.952 | 6.108 | 1.059 | 9.8 | 6.200 | 1.7 | 8.436 | -1.807 | -12.1 | 8.627 |
| 249002.4 | 843474.7 | 97.0 | 45.172 | 14.582 | 17.9 | 47.468 | 3.0 | 37.774 | 6.055 | 1.047 | 9.8 | 6.145 | 1.5 | 7.738 | -1.673 | -12.2 | 7.917 |
| 249001.6 | 843475.3 | 96.9 | 44.368 | 14.630 | 18.2 | 46.718 | 1.6 | 37.177 | 5.842 | 1.030 | 10.0 | 5.932 | 1.4 | 6.895 | -1.537 | -12.6 | 7.064 |
| 249000.8 | 843475.9 | 96.8 | 43.127 | 14.631 | 18.7 | 45.542 | 1.0 | 36.241 | 5.495 | 1.009 | 10.4 | 5.587 | 1.3 | 5.974 | -1.397 | -13.2 | 6.135 |
| 249000.0 | 843476.5 | 96.6 | 41.498 | 14.576 | 19.4 | 43.983 | 1.7 | 35.001 | 5.050 | 0.982 | 11.0 | 5.144 | 1.2 | 4.964 | -1.237 | -14.0 | 5.116 |
| 248999.1 | 843477.0 | 96.6 | 39.882 | 14.535 | 20.0 | 42.448 | 2.7 | 33.779 | 4.550 | 0.947 | 11.8 | 4.648 | 1.2 | 4.202 | -1.114 | -14.8 | 4.348 |
| 248998.3 | 843477.6 | 96.5 | 38.146 | 14.462 | 20.8 | 40.795 | 3.7 | 32.464 | 4.028 | 0.903 | 12.6 | 4.128 | 1.1 | 3.485 | -0.983 | -15.8 | 3.621 |
| 248997.5 | 843478.2 | 96.4 | 36.404 | 14.374 | 21.5 | 39.139 | 4.6 | 31.146 | 3.512 | 0.850 | 13.6 | 3.613 | 1.0 | 2.860 | -0.854 | -16.6 | 2.984 |
| 248996.7 | 843478.8 | 96.3 | 34.719 | 14.279 | 22.4 | 37.541 | 5.3 | 29.874 | 3.021 | 0.789 | 14.6 | 3.123 | 0.9 | 2.332 | -0.726 | -17.3 | 2.442 |
| 248995.9 | 843479.4 | 96.1 | 32.963 | 14.125 | 23.2 | 35.862 | 5.8 | 28.538 | 2.567 | 0.721 | 15.7 | 2.667 | 1.0 | 1.719 | -0.553 | -17.8 | 1.806 |
| 248995.1 | 843480.0 | 95.9 | 31.359 | 13.978 | 24.0 | 34.334 | 6.1 | 27.322 | 2.157 | 0.647 | 16.7 | 2.252 | 1.4 | 1.219 | -0.389 | -17.7 | 1.280 |
| 248994.3 | 843480.5 | 95.9 | 30.166 | 13.948 | 24.8 | 33.235 | 6.5 | 26.447 | 1.794 | 0.570 | 17.6 | 1.883 | 1.9 | 1.060 | -0.311 | -16.4 | 1.105 |
| 248993.5 | 843481.1 | 95.8 | 29.121 | 13.947 | 25.6 | 32.288 | 6.8 | 25.694 | 1.476 | 0.491 | 18.4 | 1.555 | 2.5 | 0.942 | -0.240 | -14.3 | 0.972 |
| 248992.7 | 843481.7 | 95.7 | 28.106 | 13.924 | 26.4 | 31.366 | 6.8 | 24.960 | 1.195 | 0.409 | 18.9 | 1.263 | 3.5 | 0.743 | -0.134 | -10.2 | 0.755 |
| 248991.8 | 843482.3 | 95.6 | 27.156 | 13.890 | 27.1 | 30.502 | 6.7 | 24.273 | 0.946 | 0.325 | 19.0 | 1.000 | 4.9 | 0.507 | -0.009 | -1.0 | 0.507 |
| 248991.0 | 843482.9 | 95.4 | 26.417 | 13.926 | 27.8 | 29.863 | 6.6 | 23.764 | 0.728 | 0.243 | 18.4 | 0.768 | 7.3 | 0.348 | 0.094 | 15.1 | 0.360 |
| 248990.2 | 843483.5 | 95.3 | 25.879 | 14.041 | 28.5 | 29.443 | 6.5 | 23.430 | 0.539 | 0.169 | 17.4 | 0.565 | 11.9 | 0.234 | 0.186 | 38.5 | 0.299 |

Centerline results between structures [redacted]-6T and [redacted]-7

3D EMF Point Results Centerline from [redacted]-6T to [redacted]-7:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248846.2 | 843257.5 | 125.4 | 9.342 | 4.253 | 24.5 | 10.265 | 7.4 | 8.168 | 0.981 | 0.133 | 7.7 | 0.990 | 4.7 | 2.258 | -0.884 | -21.4 | 2.424 |

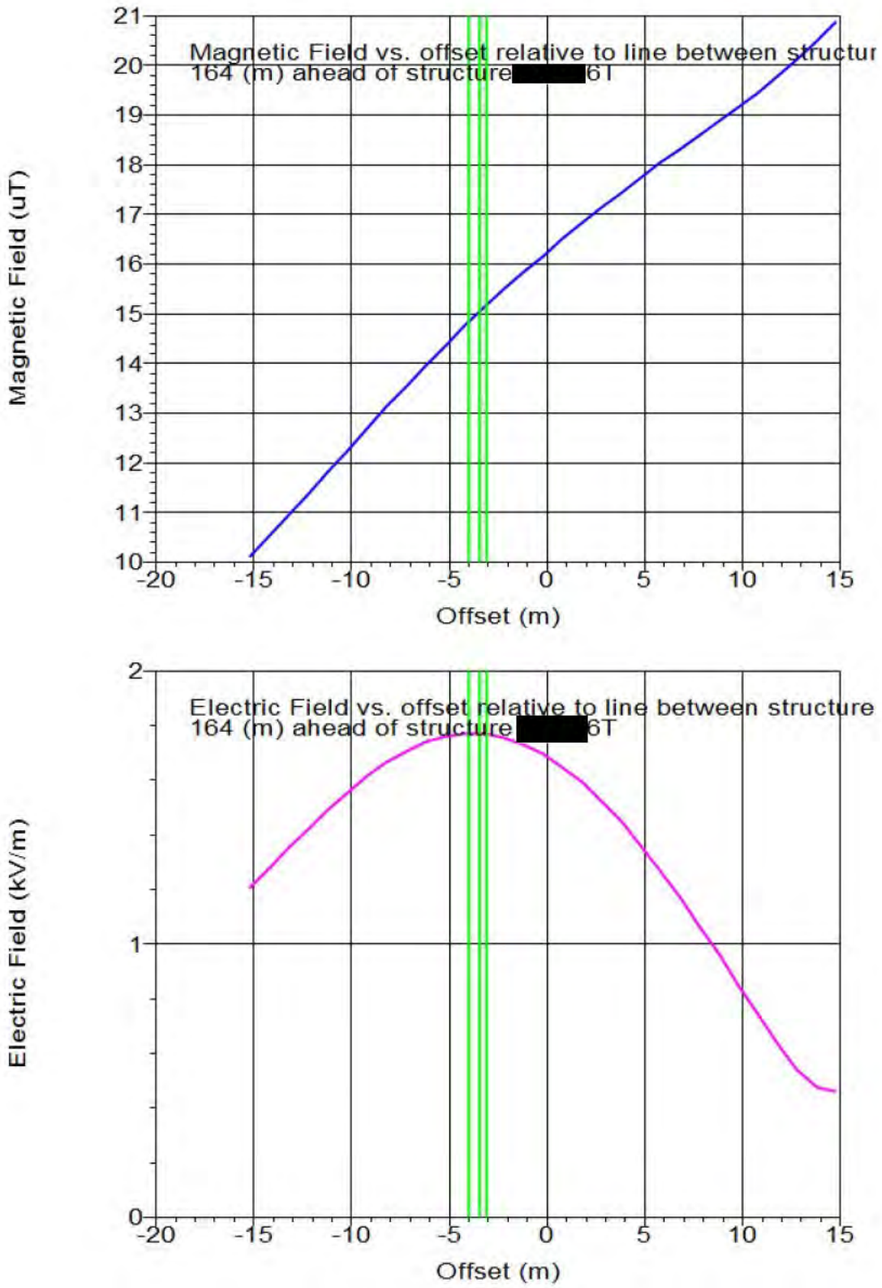
| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248845.3 | 843257.0 | 125.3 | 9.350 | 4.251 | 24.4 | 10.271 | 7.5 | 8.174 | 0.994 | 0.136 | 7.8 | 1.003 | 4.5 | 2.194 | -0.881 | -21.9 | 2.365 |
| 248844.5 | 843256.5 | 125.2 | 9.358 | 4.249 | 24.4 | 10.278 | 7.5 | 8.179 | 1.006 | 0.140 | 7.9 | 1.016 | 4.3 | 2.130 | -0.877 | -22.4 | 2.303 |
| 248843.6 | 843256.0 | 125.1 | 9.373 | 4.251 | 24.4 | 10.292 | 7.5 | 8.190 | 1.018 | 0.143 | 8.0 | 1.028 | 4.1 | 2.079 | -0.874 | -22.8 | 2.255 |
| 248842.7 | 843255.5 | 125.1 | 9.392 | 4.254 | 24.4 | 10.310 | 7.5 | 8.205 | 1.030 | 0.147 | 8.1 | 1.040 | 3.9 | 2.037 | -0.871 | -23.1 | 2.216 |
| 248841.9 | 843255.0 | 125.1 | 9.444 | 4.272 | 24.3 | 10.365 | 7.5 | 8.248 | 1.041 | 0.151 | 8.3 | 1.052 | 3.8 | 2.069 | -0.877 | -23.0 | 2.247 |
| 248841.0 | 843254.5 | 125.1 | 9.526 | 4.303 | 24.3 | 10.453 | 7.5 | 8.318 | 1.053 | 0.156 | 8.4 | 1.065 | 3.7 | 2.170 | -0.891 | -22.3 | 2.346 |
| 248840.1 | 843254.0 | 125.1 | 9.562 | 4.315 | 24.3 | 10.491 | 7.4 | 8.348 | 1.064 | 0.160 | 8.5 | 1.076 | 3.6 | 2.167 | -0.891 | -22.4 | 2.343 |
| 248839.3 | 843253.5 | 125.1 | 9.619 | 4.335 | 24.3 | 10.551 | 7.4 | 8.396 | 1.075 | 0.164 | 8.7 | 1.088 | 3.5 | 2.210 | -0.897 | -22.1 | 2.385 |
| 248838.4 | 843253.0 | 125.1 | 9.671 | 4.354 | 24.2 | 10.606 | 7.3 | 8.440 | 1.086 | 0.168 | 8.8 | 1.099 | 3.4 | 2.241 | -0.902 | -21.9 | 2.416 |
| 248837.5 | 843252.5 | 125.1 | 9.719 | 4.371 | 24.2 | 10.657 | 7.2 | 8.480 | 1.096 | 0.172 | 8.9 | 1.110 | 3.3 | 2.264 | -0.904 | -21.8 | 2.438 |
| 248836.7 | 843252.0 | 125.1 | 9.763 | 4.386 | 24.2 | 10.703 | 7.2 | 8.517 | 1.106 | 0.176 | 9.0 | 1.120 | 3.2 | 2.278 | -0.905 | -21.7 | 2.451 |
| 248835.8 | 843251.5 | 125.1 | 9.816 | 4.406 | 24.2 | 10.760 | 7.1 | 8.562 | 1.116 | 0.180 | 9.2 | 1.131 | 3.1 | 2.314 | -0.908 | -21.4 | 2.486 |
| 248834.9 | 843251.0 | 125.1 | 9.877 | 4.430 | 24.2 | 10.825 | 7.0 | 8.614 | 1.127 | 0.184 | 9.3 | 1.142 | 3.0 | 2.367 | -0.915 | -21.1 | 2.538 |
| 248834.1 | 843250.5 | 125.0 | 9.922 | 4.446 | 24.1 | 10.873 | 6.9 | 8.652 | 1.136 | 0.188 | 9.4 | 1.152 | 2.9 | 2.385 | -0.915 | -21.0 | 2.555 |
| 248833.2 | 843250.0 | 125.1 | 9.994 | 4.474 | 24.1 | 10.950 | 6.7 | 8.713 | 1.146 | 0.192 | 9.5 | 1.162 | 2.8 | 2.462 | -0.925 | -20.6 | 2.630 |
| 248832.4 | 843249.5 | 125.1 | 10.056 | 4.498 | 24.1 | 11.017 | 6.6 | 8.767 | 1.156 | 0.196 | 9.6 | 1.172 | 2.7 | 2.519 | -0.932 | -20.3 | 2.686 |
| 248831.5 | 843249.0 | 125.0 | 10.048 | 4.494 | 24.1 | 11.007 | 6.5 | 8.759 | 1.164 | 0.199 | 9.7 | 1.181 | 2.6 | 2.424 | -0.914 | -20.7 | 2.591 |
| 248830.6 | 843248.5 | 125.0 | 10.136 | 4.528 | 24.1 | 11.101 | 6.4 | 8.834 | 1.174 | 0.203 | 9.8 | 1.192 | 2.5 | 2.537 | -0.930 | -20.1 | 2.703 |
| 248829.8 | 843248.0 | 125.0 | 10.170 | 4.541 | 24.1 | 11.138 | 6.3 | 8.863 | 1.183 | 0.207 | 9.9 | 1.201 | 2.4 | 2.537 | -0.927 | -20.1 | 2.701 |
| 248828.9 | 843247.5 | 125.0 | 10.234 | 4.566 | 24.0 | 11.206 | 6.2 | 8.918 | 1.192 | 0.210 | 10.0 | 1.211 | 2.4 | 2.601 | -0.935 | -19.8 | 2.764 |
| 248828.0 | 843247.0 | 125.0 | 10.305 | 4.594 | 24.0 | 11.283 | 6.1 | 8.979 | 1.202 | 0.214 | 10.1 | 1.221 | 2.3 | 2.683 | -0.947 | -19.4 | 2.845 |
| 248827.2 | 843246.5 | 125.0 | 10.357 | 4.614 | 24.0 | 11.338 | 5.9 | 9.023 | 1.210 | 0.218 | 10.2 | 1.230 | 2.2 | 2.722 | -0.951 | -19.3 | 2.884 |
| 248826.3 | 843246.0 | 124.9 | 10.339 | 4.607 | 24.0 | 11.319 | 5.8 | 9.008 | 1.218 | 0.221 | 10.3 | 1.238 | 2.1 | 2.617 | -0.930 | -19.6 | 2.778 |
| 248825.4 | 843245.5 | 124.7 | 10.322 | 4.600 | 24.0 | 11.301 | 5.8 | 8.993 | 1.225 | 0.223 | 10.3 | 1.245 | 2.0 | 2.513 | -0.909 | -19.9 | 2.672 |
| 248824.6 | 843245.0 | 124.6 | 10.294 | 4.589 | 24.0 | 11.271 | 5.7 | 8.969 | 1.232 | 0.226 | 10.4 | 1.253 | 1.9 | 2.388 | -0.884 | -20.3 | 2.546 |
| 248823.7 | 843244.5 | 124.5 | 10.296 | 4.590 | 24.0 | 11.273 | 5.6 | 8.971 | 1.239 | 0.229 | 10.5 | 1.260 | 1.8 | 2.329 | -0.870 | -20.5 | 2.486 |
| 248822.8 | 843244.0 | 124.4 | 10.321 | 4.600 | 24.0 | 11.300 | 5.5 | 8.992 | 1.247 | 0.232 | 10.6 | 1.268 | 1.7 | 2.321 | -0.866 | -20.5 | 2.477 |
| 248822.0 | 843243.5 | 124.5 | 10.376 | 4.622 | 24.0 | 11.359 | 5.4 | 9.039 | 1.254 | 0.235 | 10.6 | 1.276 | 1.7 | 2.381 | -0.874 | -20.2 | 2.536 |
| 248821.1 | 843242.9 | 124.4 | 10.429 | 4.643 | 24.0 | 11.416 | 5.3 | 9.085 | 1.262 | 0.238 | 10.7 | 1.284 | 1.6 | 2.439 | -0.882 | -19.9 | 2.594 |
| 248820.3 | 843242.4 | 124.4 | 10.470 | 4.659 | 24.0 | 11.460 | 5.2 | 9.119 | 1.269 | 0.241 | 10.8 | 1.291 | 1.6 | 2.472 | -0.885 | -19.7 | 2.626 |
| 248819.4 | 843241.9 | 124.4 | 10.486 | 4.666 | 24.0 | 11.477 | 5.1 | 9.133 | 1.275 | 0.244 | 10.8 | 1.298 | 1.5 | 2.455 | -0.880 | -19.7 | 2.608 |
| 248818.5 | 843241.4 | 124.3 | 10.501 | 4.672 | 24.0 | 11.494 | 5.0 | 9.146 | 1.281 | 0.247 | 10.9 | 1.304 | 1.4 | 2.438 | -0.874 | -19.7 | 2.590 |
| 248817.7 | 843240.9 | 124.2 | 10.512 | 4.677 | 24.0 | 11.505 | 4.9 | 9.155 | 1.287 | 0.249 | 11.0 | 1.311 | 1.4 | 2.414 | -0.867 | -19.8 | 2.565 |
| 248816.8 | 843240.4 | 124.2 | 10.526 | 4.682 | 24.0 | 11.520 | 4.8 | 9.168 | 1.292 | 0.252 | 11.0 | 1.316 | 1.3 | 2.399 | -0.862 | -19.8 | 2.550 |
| 248815.9 | 843239.9 | 124.1 | 10.545 | 4.690 | 24.0 | 11.541 | 4.7 | 9.184 | 1.297 | 0.254 | 11.1 | 1.322 | 1.3 | 2.398 | -0.859 | -19.7 | 2.548 |
| 248815.1 | 843239.4 | 124.0 | 10.563 | 4.698 | 24.0 | 11.560 | 4.7 | 9.199 | 1.302 | 0.257 | 11.1 | 1.327 | 1.2 | 2.399 | -0.857 | -19.7 | 2.547 |
| 248814.2 | 843238.9 | 124.0 | 10.581 | 4.705 | 24.0 | 11.579 | 4.6 | 9.215 | 1.307 | 0.259 | 11.2 | 1.332 | 1.2 | 2.401 | -0.856 | -19.6 | 2.548 |
| 248813.3 | 843238.4 | 123.9 | 10.598 | 4.712 | 24.0 | 11.598 | 4.5 | 9.230 | 1.311 | 0.261 | 11.3 | 1.337 | 1.1 | 2.404 | -0.854 | -19.6 | 2.551 |
| 248812.5 | 843237.9 | 123.9 | 10.614 | 4.719 | 24.0 | 11.616 | 4.4 | 9.244 | 1.316 | 0.263 | 11.3 | 1.342 | 1.1 | 2.409 | -0.854 | -19.5 | 2.556 |
| 248811.6 | 843237.4 | 123.8 | 10.631 | 4.726 | 24.0 | 11.634 | 4.4 | 9.258 | 1.319 | 0.265 | 11.4 | 1.346 | 1.0 | 2.416 | -0.853 | -19.4 | 2.562 |
| 248810.7 | 843236.9 | 123.8 | 10.646 | 4.733 | 24.0 | 11.651 | 4.3 | 9.271 | 1.323 | 0.267 | 11.4 | 1.350 | 1.0 | 2.424 | -0.853 | -19.4 | 2.570 |
| 248809.9 | 843236.4 | 123.7 | 10.658 | 4.738 | 24.0 | 11.664 | 4.2 | 9.282 | 1.326 | 0.269 | 11.5 | 1.353 | 0.9 | 2.427 | -0.852 | -19.3 | 2.573 |
| 248809.0 | 843235.9 | 123.6 | 10.667 | 4.742 | 24.0 | 11.673 | 4.2 | 9.289 | 1.329 | 0.271 | 11.5 | 1.357 | 0.9 | 2.425 | -0.850 | -19.3 | 2.570 |
| 248808.2 | 843235.4 | 123.6 | 10.672 | 4.744 | 24.0 | 11.679 | 4.1 | 9.294 | 1.332 | 0.273 | 11.6 | 1.359 | 0.8 | 2.419 | -0.847 | -19.3 | 2.563 |
| 248807.3 | 843234.9 | 123.5 | 10.676 | 4.747 | 24.0 | 11.684 | 4.0 | 9.298 | 1.334 | 0.274 | 11.6 | 1.362 | 0.8 | 2.412 | -0.845 | -19.3 | 2.556 |
| 248806.4 | 843234.4 | 123.4 | 10.680 | 4.749 | 24.0 | 11.688 | 4.0 | 9.301 | 1.336 | 0.276 | 11.7 | 1.365 | 0.7 | 2.408 | -0.842 | -19.3 | 2.551 |
| 248805.6 | 843233.9 | 123.4 | 10.683 | 4.751 | 24.0 | 11.692 | 3.9 | 9.304 | 1.338 | 0.277 | 11.7 | 1.367 | 0.7 | 2.404 | -0.840 | -19.3 | 2.547 |
| 248804.7 | 843233.4 | 123.3 | 10.685 | 4.753 | 24.0 | 11.695 | 3.9 | 9.306 | 1.340 | 0.279 | 11.7 | 1.369 | 0.7 | 2.402 | -0.839 | -19.2 | 2.544 |
| 248803.8 | 843232.9 | 123.2 | 10.683 | 4.753 | 24.0 | 11.692 | 3.8 | 9.305 | 1.341 | 0.280 | 11.8 | 1.370 | 0.6 | 2.391 | -0.835 | -19.3 | 2.533 |
| 248803.0 | 843232.4 | 123.1 | 10.678 | 4.752 | 24.0 | 11.687 | 3.8 | 9.300 | 1.342 | 0.281 | 11.8 | 1.371 | 0.6 | 2.376 | -0.831 | -19.3 | 2.517 |
| 248802.1 | 843231.9 | 123.1 | 10.679 | 4.753 | 24.0 | 11.689 | 3.7 | 9.302 | 1.343 | 0.282 | 11.9 | 1.373 | 0.5 | 2.377 | -0.830 | -19.3 | 2.518 |
| 248801.2 | 843231.4 | 123.0 | 10.675 | 4.753 | 24.0 | 11.685 | 3.6 | 9.299 | 1.344 | 0.283 | 11.9 | 1.373 | 0.5 | 2.370 | -0.828 | -19.3 | 2.510 |
| 248800.4 | 843230.9 | 122.9 | 10.669 | 4.751 | 24.0 | 11.679 | 3.6 | 9.294 | 1.344 | 0.284 | 11.9 | 1.374 | 0.5 | 2.358 | -0.825 | -19.3 | 2.498 |
| 248799.5 | 843230.4 | 122.8 | 10.662 | 4.750 | 24.0 | 11.672 | 3.5 | 9.288 | 1.344 | 0.285 | 12.0 | 1.374 | 0.4 | 2.348 | -0.822 | -19.3 | 2.488 |
| 248798.7 | 843229.9 | 122.7 | 10.656 | 4.749 | 24.0 | 11.666 | 3.5 | 9.284 | 1.344 | 0.286 | 12.0 | 1.374 | 0.4 | 2.342 | -0.820 | -19.3 | 2.482 |
| 248797.8 | 843229.4 | 122.7 | 10.650 | 4.748 | 24.0 | 11.660 | 3.5 | 9.279 | 1.344 | 0.287 | 12.1 | 1.374 | 0.4 | 2.337 | -0.818 | -19.3 | 2.476 |
| 248796.9 | 843228.9 | 122.6 | 10.643 | 4.746 | 24.0 | 11.653 | 3.4 | 9.274 | 1.344 | 0.288 | 12.1 | 1.374 | 0.3 | 2.332 | -0.816 | -19.3 | 2.471 |
| 248796.1 | 843228.4 | 122.5 | 10.636 | 4.745 | 24.0 | 11.646 | 3.4 | 9.268 | 1.343 | 0.289 | 12.1 | 1.374 | 0.3 | 2.328 | -0.815 | -19.3 | 2.467 |
| 248795.2 | 843227.9 | 122.4 | 10.628 | 4.743 | 24.1 | 11.639 | 3.3 | 9.262 | 1.342 | 0.289 | 12.2 | 1.373 | 0.3 | 2.324 | -0.813 | -19.3 | 2.462 |
| 248794.3 | 843227.3 | 122.3 | 10.611 | 4.738 | 24.1 | 11.621 | 3.3 | 9.248 | 1.341 | 0.290 | 12.2 | 1.372 | 0.2 | 2.302 | -0.808 | -19.3 | 2.439 |
| 248793.5 | 843226.8 | 122.2 | 10.599 | 4.735 | 24.1 | 11.609 | 3.2 | 9.238 | 1.340 | 0.290 | 12.2 | 1.371 | 0.2 | 2.290 | -0.804 | -19.4 | 2.427 |
| 248792.6 | 843226.3 | 122.2 | 10.586 | 4.732 | 24.1 | 11.596 | 3.2 | 9.227 | 1.339 | 0.291 | 12.3 | 1.370 | 0.2 | 2.278 | -0.801 | -19.4 | 2.415 |
| 248791.7 | 843225.8 | 122.1 | 10.570 | 4.727 | 24.1 | 11.579 | 3.2 | 9.214 | 1.337 | 0.291 | 12.3 | 1.368 | 0.2 | 2.261 | -0.797 | -19.4 | 2.397 |
| 248790.9 | 843225.3 | 122.0 | 10.553 | 4.722 | 24.1 | 11.561 | 3.1 | 9.200 | 1.335 | 0.291 | 12.3 | 1.367 | 0.1 | 2.241 | -0.792 | -19.5 | 2.376 |
| 248790.0 | 843224.8 | 121.9 | 10.535 | 4.717 | 24.1 | 11.543 | 3.1 | 9.185 | 1.334 | 0.292 | 12.3 | 1.365 | 0.1 | 2.220 | -0.786 | -19.5 | 2.355 |
| 248789.1 | 843224.3 | 121.8 | 10.516 | 4.712 | 24.1 | 11.524 | 3.1 | 9.170 | 1.332 | 0.292 | 12.4 | 1.363 | 0.1 | 2.200 | -0.781 | -19.5 | 2.334 |
| 248788.3 | 843223.8 | 121.7 | 10.471 | 4.696 | 24.2 | 11.476 | 3.1 | 9.132 | 1.329 | 0.292 | 12.4 | 1.361 | 0.1 | 2.120 | -0.763 | -19.8 | 2.253 |
| 248787.4 | 843223.3 | 121.6 | 10.447 | 4.689 | 24.2 | 11.451 | 3.0 | 9.112 | 1.327 | 0.292 | 12.4 | 1.359 | 0.1 | 2.088 | -0.755 | -19.9 | 2.220 |
| 248786.6 | 843222.8 | 121.5 | 10.423 | 4.682 | 24.2 | 11.426 | 3.0 | 9.092 | 1.324 | 0.292 | 12.4 | 1.356 | 0.1 | 2.055 | -0.747 | -20.0 | 2.186 |
| 248785.7 | 843222.3 | 121.4 | 10.398 | 4.674 | 24.2 | 11.400 | 3.0 | 9.072 | 1.322 | 0.292 | 12.5 | 1.354 | 0.1 | 2.021 | -0.738 | -20.1 | 2.152 |
| 248784.8 | 843221.8 | 121.3 | 10.373 | 4.666 | 24.2 | 11.374 | 3.0 | 9.051 | 1.319 | 0.293 | 12.5 | 1.351 | 0.1 | 1.986 | -0.729 | -20.2 | 2.116 |
| 248784.0 | 843221.3 | 121.2 | 10.347 | 4.659 | 24.2 | 11.348 | 2.9 | 9.030 | 1.317 | 0.293 | 12.5 | 1.349 | 0.1 | 1.951 | -0.720 | -20.3 | 2.079 |
| 248783.1 | 843220.8 | 121.1 | 10.321 | 4.651 | 24.3 | 11.321 | 2.9 | 9.009 | 1.314 | 0.293 | 12.6 | 1.346 | 0.2 | 1.913 | -0.710 | -20.4 | 2.041 |
| 248782.2 | 843220.3 | 121.0 | 10.295 | 4.643 | 24.3 | 11.294 | 2.9 | 8.987 | 1.311 | 0.292 | 12.6 | 1.343 | 0.2 | 1.875 | -0.701 | -20.5 | 2.002 |
| 248781.4 | 843219.8 | 120.9 | 10.267 | 4.635 | 24.3 | 11.265 | 2.9 | 8.964 | 1.308 | 0.292 | 12.6 | 1.341 | 0.2 | 1.833 | -0.690 | -20.6 | 1.958 |
| 248780.5 | 843219.3 | 120.8 | 10.235 | 4.624 | 24.3 | 11.231 | 2.9 | 8.938 | 1.306 | 0.292 | 12.6 | 1.338 | 0.2 | 1.779 | -0.676 | -20.8 | 1.904 |
| 248779.6 | 843218.8 | 120.7 | 10.203 | 4.614 | 24.3 | 11.197 | 2.9 | 8.911 | 1.303 | 0.292 | 12.6 | 1.335 | 0.2 | 1.724 | -0.662 | -21.0 | 1.847 |
| 248778.8 | 843218.3 | 120.6 | 10.170 | 4.604 | 24.4 | 11.163 | 2.9 | 8.884 | 1.300 | 0.292 | 12.7 | 1.332 | 0.3 | 1.668 | -0.648 | -21.2 | 1.789 |
| 248777.9 | 843217.8 | 120.4 | 10.137 | 4.594 | 24.4 | 11.129 | 2.9 | 8.856 | 1.297 | 0.292 | 12.7 | 1.329 | 0.3 | 1.609 | -0.633 | -21.5 | 1.729 |
| 248777.0 | 843217.3 | 120.3 | 10.103 | 4.583 | 24.4 | 11.094 | 2.9 | 8.829 | 1.294 | 0.292 | 12.7 | 1.327 | 0.3 | 1.548 | -0.617 | -21.7 | 1.666 |
| 248776.2 | 843216.8 | 120.2 | 10.070 | 4.573 | 24.4 | 11.059 | 2.9 | 8.801 | 1.291 | 0.292 | 12.7 | 1.324 | 0.3 | 1.484 | -0.601 | -22.0 | 1.601 |
| 248775.3 | 843216.3 | 120.1 | 10.036 | 4.562 | 24.4 | 11.024 | 2.9 | 8.773 | 1.289 | 0.292 | 12.8 | 1.321 | 0.3 | 1.418 | -0.584 | -22.4 | 1.534 |
| 248774.5 | 843215.8 | 120.0 | 10.001 | 4.552 | 24.5 | 10.988 | 2.9 | 8.744 | 1.286 | 0.292 | 12.8 | 1.319 | 0.3 | 1.350 | -0.566 | -22.8 | 1.464 |
| 248773.6 | 843215.3 | 119.9 | 9.975 | 4.544 | 24.5 | 10.961 | 2.9 | 8.723 | 1.284 | 0.291 | 12.8 | 1.316 | 0.4 | 1.297 | -0.552 | -23.1 | 1.410 |
| 248772.7 | 843214.8 | 119.8 | 9.954 | 4.539 | 24.5 | 10.940 | 2.9 | 8.706 | 1.281 | 0.291 | 12.8 | 1.314 | 0.4 | 1.254 | -0.540 | -23.3 | 1.365 |
| 248771.9 | 843214.3 | 119.8 | 9.932 | 4.533 | 24.5 | 10.918 | 2.9 | 8.688 | 1.279 | 0.291 | 12.8 | 1.312 | 0.4 | 1.207 | -0.527 | -23.6 | 1.317 |
| 248771.0 | 843213.8 | 119.7 | 9.910 | 4.528 | 24.6 | 10.895 | 2.9 | 8.670 | 1.277 | 0.291 | 12.8 | 1.310 | 0.4 | 1.157 | -0.513 | -23.9 | 1.266 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248770.1 | 843213.3 | 119.6 | 9.888 | 4.522 | 24.6 | 10.873 | 3.0 | 8.653 | 1.276 | 0.291 | 12.9 | 1.308 | 0.4 | 1.106 | -0.499 | -24.3 | 1.213 |
| 248769.3 | 843212.8 | 119.5 | 9.778 | 4.473 | 24.6 | 10.753 | 3.0 | 8.557 | 1.265 | 0.287 | 12.8 | 1.297 | 0.4 | 0.896 | -0.399 | -24.0 | 0.981 |
| 248768.4 | 843212.3 | 119.4 | 9.759 | 4.469 | 24.6 | 10.734 | 3.0 | 8.542 | 1.263 | 0.287 | 12.8 | 1.296 | 0.4 | 0.844 | -0.385 | -24.5 | 0.928 |
| 248767.5 | 843211.7 | 119.4 | 9.751 | 4.470 | 24.6 | 10.727 | 3.1 | 8.536 | 1.263 | 0.288 | 12.8 | 1.295 | 0.4 | 0.815 | -0.377 | -24.8 | 0.898 |
| 248766.7 | 843211.2 | 119.3 | 9.750 | 4.473 | 24.6 | 10.727 | 3.1 | 8.536 | 1.262 | 0.288 | 12.8 | 1.294 | 0.4 | 0.799 | -0.371 | -24.9 | 0.881 |
| 248765.8 | 843210.7 | 119.3 | 9.748 | 4.477 | 24.7 | 10.727 | 3.1 | 8.536 | 1.261 | 0.288 | 12.9 | 1.294 | 0.4 | 0.778 | -0.364 | -25.1 | 0.858 |
| 248764.9 | 843210.2 | 119.3 | 9.746 | 4.480 | 24.7 | 10.726 | 3.2 | 8.536 | 1.261 | 0.288 | 12.9 | 1.294 | 0.4 | 0.752 | -0.355 | -25.3 | 0.832 |
| 248764.1 | 843209.7 | 119.2 | 9.743 | 4.483 | 24.7 | 10.725 | 3.2 | 8.535 | 1.261 | 0.289 | 12.9 | 1.294 | 0.4 | 0.722 | -0.346 | -25.6 | 0.800 |
| 248763.2 | 843209.2 | 119.2 | 9.740 | 4.486 | 24.7 | 10.723 | 3.2 | 8.533 | 1.262 | 0.289 | 12.9 | 1.294 | 0.4 | 0.687 | -0.336 | -26.1 | 0.764 |
| 248762.4 | 843208.7 | 119.1 | 9.737 | 4.489 | 24.7 | 10.722 | 3.3 | 8.532 | 1.262 | 0.289 | 12.9 | 1.295 | 0.4 | 0.649 | -0.325 | -26.6 | 0.726 |
| 248761.5 | 843208.2 | 119.1 | 9.744 | 4.496 | 24.8 | 10.731 | 3.3 | 8.540 | 1.263 | 0.290 | 12.9 | 1.296 | 0.3 | 0.629 | -0.318 | -26.8 | 0.705 |
| 248760.6 | 843207.7 | 119.1 | 9.750 | 4.503 | 24.8 | 10.740 | 3.4 | 8.546 | 1.264 | 0.290 | 12.9 | 1.297 | 0.3 | 0.604 | -0.309 | -27.1 | 0.678 |
| 248759.8 | 843207.2 | 119.1 | 9.761 | 4.506 | 24.8 | 10.751 | 3.4 | 8.555 | 1.266 | 0.289 | 12.9 | 1.298 | 0.3 | 0.566 | -0.310 | -28.7 | 0.646 |
| 248758.9 | 843206.7 | 119.0 | 9.773 | 4.516 | 24.8 | 10.766 | 3.4 | 8.568 | 1.268 | 0.289 | 12.9 | 1.300 | 0.3 | 0.548 | -0.304 | -29.0 | 0.627 |
| 248758.0 | 843206.2 | 119.0 | 9.786 | 4.526 | 24.8 | 10.782 | 3.5 | 8.580 | 1.270 | 0.290 | 12.9 | 1.302 | 0.3 | 0.525 | -0.296 | -29.4 | 0.602 |
| 248757.2 | 843205.7 | 119.0 | 9.798 | 4.536 | 24.8 | 10.797 | 3.5 | 8.592 | 1.272 | 0.291 | 12.9 | 1.305 | 0.3 | 0.496 | -0.287 | -30.0 | 0.573 |
| 248756.3 | 843205.2 | 119.0 | 9.809 | 4.545 | 24.9 | 10.811 | 3.6 | 8.603 | 1.275 | 0.292 | 12.9 | 1.308 | 0.3 | 0.462 | -0.277 | -30.9 | 0.539 |
| 248755.4 | 843204.7 | 119.0 | 9.822 | 4.555 | 24.9 | 10.826 | 3.6 | 8.615 | 1.278 | 0.292 | 12.9 | 1.311 | 0.3 | 0.427 | -0.266 | -31.9 | 0.503 |
| 248754.6 | 843204.2 | 119.1 | 9.868 | 4.579 | 24.9 | 10.879 | 3.7 | 8.657 | 1.281 | 0.293 | 12.9 | 1.315 | 0.2 | 0.465 | -0.272 | -30.3 | 0.539 |
| 248753.7 | 843203.7 | 119.1 | 9.915 | 4.604 | 24.9 | 10.931 | 3.7 | 8.699 | 1.285 | 0.294 | 12.9 | 1.319 | 0.2 | 0.499 | -0.277 | -29.0 | 0.571 |
| 248752.8 | 843203.2 | 119.2 | 9.961 | 4.628 | 24.9 | 10.984 | 3.8 | 8.741 | 1.290 | 0.296 | 12.9 | 1.323 | 0.2 | 0.528 | -0.281 | -28.0 | 0.598 |
| 248752.0 | 843202.7 | 119.2 | 9.997 | 4.648 | 24.9 | 11.025 | 3.8 | 8.773 | 1.294 | 0.297 | 12.9 | 1.328 | 0.2 | 0.529 | -0.278 | -27.8 | 0.598 |
| 248751.1 | 843202.2 | 119.2 | 10.028 | 4.667 | 25.0 | 11.061 | 3.9 | 8.802 | 1.299 | 0.298 | 12.9 | 1.332 | 0.2 | 0.514 | -0.272 | -27.9 | 0.582 |
| 248750.3 | 843201.7 | 119.3 | 10.059 | 4.685 | 25.0 | 11.096 | 3.9 | 8.830 | 1.304 | 0.299 | 12.9 | 1.337 | 0.2 | 0.495 | -0.265 | -28.2 | 0.561 |
| 248749.4 | 843201.2 | 119.3 | 10.094 | 4.705 | 25.0 | 11.136 | 4.0 | 8.862 | 1.309 | 0.300 | 12.9 | 1.343 | 0.2 | 0.480 | -0.259 | -28.3 | 0.546 |
| 248748.5 | 843200.7 | 119.4 | 10.133 | 4.727 | 25.0 | 11.182 | 4.1 | 8.898 | 1.314 | 0.301 | 12.9 | 1.348 | 0.2 | 0.473 | -0.255 | -28.3 | 0.537 |
| 248747.7 | 843200.2 | 119.4 | 10.199 | 4.760 | 25.0 | 11.255 | 4.1 | 8.957 | 1.320 | 0.303 | 12.9 | 1.354 | 0.1 | 0.520 | -0.262 | -26.8 | 0.582 |
| 248746.8 | 843199.7 | 119.5 | 10.268 | 4.794 | 25.0 | 11.332 | 4.2 | 9.018 | 1.327 | 0.304 | 12.9 | 1.361 | 0.1 | 0.569 | -0.271 | -25.5 | 0.630 |
| 248745.9 | 843199.2 | 119.6 | 10.337 | 4.829 | 25.0 | 11.410 | 4.2 | 9.080 | 1.333 | 0.306 | 12.9 | 1.368 | 0.1 | 0.614 | -0.278 | -24.4 | 0.674 |
| 248745.1 | 843198.7 | 119.7 | 10.404 | 4.863 | 25.1 | 11.484 | 4.3 | 9.139 | 1.340 | 0.307 | 12.9 | 1.374 | 0.1 | 0.649 | -0.284 | -23.6 | 0.708 |
| 248744.2 | 843198.2 | 119.8 | 10.464 | 4.894 | 25.1 | 11.552 | 4.3 | 9.192 | 1.346 | 0.309 | 12.9 | 1.381 | 0.1 | 0.666 | -0.285 | -23.2 | 0.724 |
| 248743.3 | 843197.7 | 119.9 | 10.524 | 4.925 | 25.1 | 11.619 | 4.4 | 9.246 | 1.353 | 0.310 | 12.9 | 1.389 | 0.1 | 0.679 | -0.285 | -22.8 | 0.736 |
| 248742.5 | 843197.2 | 120.0 | 10.586 | 4.957 | 25.1 | 11.689 | 4.4 | 9.302 | 1.361 | 0.312 | 12.9 | 1.396 | 0.1 | 0.693 | -0.285 | -22.4 | 0.749 |
| 248741.6 | 843196.7 | 120.1 | 10.651 | 4.991 | 25.1 | 11.763 | 4.5 | 9.360 | 1.368 | 0.313 | 12.9 | 1.403 | 0.1 | 0.710 | -0.286 | -22.0 | 0.766 |
| 248740.8 | 843196.1 | 120.1 | 10.718 | 5.025 | 25.1 | 11.837 | 4.5 | 9.420 | 1.375 | 0.315 | 12.9 | 1.411 | 0.1 | 0.726 | -0.287 | -21.6 | 0.781 |
| 248739.9 | 843195.6 | 120.2 | 10.784 | 5.060 | 25.1 | 11.912 | 4.6 | 9.480 | 1.383 | 0.317 | 12.9 | 1.419 | 0.1 | 0.739 | -0.287 | -21.3 | 0.793 |
| 248739.0 | 843195.1 | 120.3 | 10.852 | 5.095 | 25.1 | 11.988 | 4.7 | 9.540 | 1.391 | 0.318 | 12.9 | 1.427 | 0.1 | 0.750 | -0.287 | -20.9 | 0.803 |
| 248738.2 | 843194.6 | 120.4 | 10.926 | 5.132 | 25.2 | 12.071 | 4.7 | 9.606 | 1.399 | 0.320 | 12.9 | 1.435 | 0.1 | 0.773 | -0.290 | -20.5 | 0.825 |
| 248737.3 | 843194.1 | 120.5 | 11.000 | 5.171 | 25.2 | 12.155 | 4.8 | 9.673 | 1.407 | 0.321 | 12.9 | 1.443 | 0.1 | 0.793 | -0.291 | -20.2 | 0.844 |
| 248736.4 | 843193.6 | 120.6 | 11.077 | 5.210 | 25.2 | 12.241 | 4.8 | 9.741 | 1.415 | 0.323 | 12.9 | 1.452 | 0.2 | 0.813 | -0.294 | -19.8 | 0.865 |
| 248735.6 | 843193.1 | 120.7 | 11.153 | 5.249 | 25.2 | 12.327 | 4.9 | 9.809 | 1.424 | 0.325 | 12.9 | 1.460 | 0.2 | 0.831 | -0.295 | -19.5 | 0.882 |
| 248734.7 | 843192.6 | 120.8 | 11.230 | 5.289 | 25.2 | 12.413 | 4.9 | 9.878 | 1.432 | 0.326 | 12.8 | 1.469 | 0.2 | 0.847 | -0.296 | -19.3 | 0.897 |
| 248733.8 | 843192.1 | 120.9 | 11.307 | 5.328 | 25.2 | 12.499 | 5.0 | 9.947 | 1.440 | 0.328 | 12.8 | 1.477 | 0.2 | 0.861 | -0.297 | -19.0 | 0.910 |
| 248733.0 | 843191.6 | 121.1 | 11.396 | 5.373 | 25.2 | 12.599 | 5.0 | 10.026 | 1.449 | 0.330 | 12.8 | 1.486 | 0.2 | 0.897 | -0.302 | -18.6 | 0.947 |
| 248732.1 | 843191.1 | 121.2 | 11.487 | 5.419 | 25.3 | 12.701 | 5.1 | 10.107 | 1.458 | 0.331 | 12.8 | 1.495 | 0.2 | 0.934 | -0.308 | -18.3 | 0.984 |
| 248731.2 | 843190.6 | 121.3 | 11.578 | 5.465 | 25.3 | 12.803 | 5.1 | 10.189 | 1.466 | 0.333 | 12.8 | 1.503 | 0.2 | 0.970 | -0.314 | -18.0 | 1.019 |
| 248730.4 | 843190.1 | 121.4 | 11.670 | 5.512 | 25.3 | 12.906 | 5.2 | 10.271 | 1.475 | 0.334 | 12.8 | 1.512 | 0.2 | 1.004 | -0.320 | -17.7 | 1.054 |
| 248729.5 | 843189.6 | 121.6 | 11.762 | 5.559 | 25.3 | 13.010 | 5.2 | 10.353 | 1.483 | 0.336 | 12.7 | 1.521 | 0.2 | 1.037 | -0.325 | -17.4 | 1.086 |
| 248728.7 | 843189.1 | 121.7 | 11.860 | 5.608 | 25.3 | 13.119 | 5.3 | 10.440 | 1.492 | 0.337 | 12.7 | 1.530 | 0.2 | 1.078 | -0.332 | -17.1 | 1.128 |
| 248727.8 | 843188.6 | 121.8 | 11.958 | 5.657 | 25.3 | 13.229 | 5.3 | 10.527 | 1.501 | 0.338 | 12.7 | 1.538 | 0.2 | 1.118 | -0.339 | -16.9 | 1.168 |
| 248726.9 | 843188.1 | 122.0 | 12.064 | 5.711 | 25.3 | 13.347 | 5.4 | 10.622 | 1.509 | 0.340 | 12.7 | 1.547 | 0.2 | 1.173 | -0.349 | -16.6 | 1.224 |
| 248726.1 | 843187.6 | 122.1 | 12.172 | 5.765 | 25.3 | 13.469 | 5.4 | 10.718 | 1.517 | 0.341 | 12.7 | 1.555 | 0.2 | 1.230 | -0.360 | -16.3 | 1.282 |
| 248725.2 | 843187.1 | 122.2 | 12.281 | 5.819 | 25.4 | 13.590 | 5.5 | 10.814 | 1.526 | 0.342 | 12.6 | 1.564 | 0.2 | 1.286 | -0.370 | -16.1 | 1.338 |
| 248724.3 | 843186.6 | 122.4 | 12.383 | 5.871 | 25.4 | 13.704 | 5.5 | 10.905 | 1.534 | 0.343 | 12.6 | 1.572 | 0.2 | 1.327 | -0.377 | -15.9 | 1.380 |
| 248723.5 | 843186.1 | 122.5 | 12.485 | 5.924 | 25.4 | 13.819 | 5.6 | 10.997 | 1.542 | 0.344 | 12.6 | 1.580 | 0.2 | 1.369 | -0.384 | -15.7 | 1.421 |
| 248722.6 | 843185.6 | 122.6 | 12.588 | 5.976 | 25.4 | 13.935 | 5.6 | 11.089 | 1.550 | 0.345 | 12.6 | 1.588 | 0.2 | 1.410 | -0.391 | -15.5 | 1.463 |
| 248721.7 | 843185.1 | 122.8 | 12.691 | 6.030 | 25.4 | 14.051 | 5.7 | 11.181 | 1.557 | 0.346 | 12.5 | 1.595 | 0.2 | 1.451 | -0.398 | -15.4 | 1.505 |
| 248720.9 | 843184.6 | 122.9 | 12.799 | 6.085 | 25.4 | 14.172 | 5.7 | 11.278 | 1.565 | 0.347 | 12.5 | 1.603 | 0.2 | 1.499 | -0.407 | -15.2 | 1.554 |
| 248720.0 | 843184.1 | 123.1 | 12.913 | 6.143 | 25.4 | 14.299 | 5.8 | 11.379 | 1.572 | 0.347 | 12.5 | 1.610 | 0.2 | 1.558 | -0.418 | -15.0 | 1.614 |
| 248719.1 | 843183.6 | 123.2 | 13.002 | 6.191 | 25.5 | 14.401 | 5.8 | 11.460 | 1.579 | 0.348 | 12.4 | 1.616 | 0.3 | 1.572 | -0.419 | -14.9 | 1.627 |
| 248718.3 | 843183.1 | 123.3 | 13.092 | 6.240 | 25.5 | 14.503 | 5.9 | 11.541 | 1.585 | 0.348 | 12.4 | 1.623 | 0.3 | 1.586 | -0.420 | -14.8 | 1.641 |
| 248717.4 | 843182.6 | 123.4 | 13.182 | 6.289 | 25.5 | 14.605 | 5.9 | 11.622 | 1.591 | 0.348 | 12.3 | 1.629 | 0.3 | 1.601 | -0.421 | -14.7 | 1.655 |
| 248716.6 | 843182.1 | 123.5 | 13.343 | 6.394 | 25.6 | 14.796 | 6.1 | 11.774 | 1.607 | 0.356 | 12.5 | 1.647 | 0.3 | 1.713 | -0.489 | -15.9 | 1.781 |
| 248715.7 | 843181.6 | 123.6 | 13.440 | 6.447 | 25.6 | 14.907 | 6.1 | 11.862 | 1.613 | 0.356 | 12.5 | 1.652 | 0.3 | 1.744 | -0.494 | -15.8 | 1.812 |
| 248714.8 | 843181.1 | 123.7 | 13.525 | 6.495 | 25.6 | 15.004 | 6.2 | 11.940 | 1.618 | 0.356 | 12.4 | 1.657 | 0.3 | 1.752 | -0.494 | -15.7 | 1.821 |
| 248714.0 | 843180.6 | 123.9 | 13.610 | 6.542 | 25.7 | 15.101 | 6.2 | 12.017 | 1.623 | 0.356 | 12.4 | 1.662 | 0.3 | 1.762 | -0.494 | -15.7 | 1.830 |
| 248713.1 | 843180.0 | 124.0 | 13.695 | 6.591 | 25.7 | 15.199 | 6.3 | 12.095 | 1.628 | 0.355 | 12.3 | 1.666 | 0.3 | 1.772 | -0.495 | -15.6 | 1.840 |
| 248712.2 | 843179.5 | 124.1 | 13.787 | 6.642 | 25.7 | 15.303 | 6.3 | 12.178 | 1.632 | 0.354 | 12.3 | 1.670 | 0.3 | 1.794 | -0.498 | -15.5 | 1.861 |
| 248711.4 | 843179.0 | 124.2 | 13.878 | 6.693 | 25.7 | 15.408 | 6.4 | 12.261 | 1.636 | 0.354 | 12.2 | 1.674 | 0.3 | 1.816 | -0.501 | -15.4 | 1.884 |
| 248710.5 | 843178.5 | 124.3 | 13.970 | 6.745 | 25.8 | 15.513 | 6.4 | 12.345 | 1.639 | 0.352 | 12.1 | 1.677 | 0.3 | 1.840 | -0.504 | -15.3 | 1.908 |
| 248709.6 | 843178.0 | 124.4 | 14.061 | 6.797 | 25.8 | 15.618 | 6.5 | 12.428 | 1.643 | 0.351 | 12.1 | 1.680 | 0.3 | 1.864 | -0.507 | -15.2 | 1.932 |
| 248708.8 | 843177.5 | 124.5 | 14.153 | 6.850 | 25.8 | 15.723 | 6.5 | 12.512 | 1.645 | 0.350 | 12.0 | 1.682 | 0.3 | 1.890 | -0.511 | -15.1 | 1.958 |
| 248707.9 | 843177.0 | 124.7 | 14.246 | 6.903 | 25.9 | 15.831 | 6.6 | 12.598 | 1.648 | 0.348 | 11.9 | 1.684 | 0.3 | 1.920 | -0.516 | -15.0 | 1.988 |
| 248707.0 | 843176.5 | 124.8 | 14.340 | 6.957 | 25.9 | 15.939 | 6.6 | 12.684 | 1.650 | 0.346 | 11.9 | 1.686 | 0.3 | 1.950 | -0.520 | -14.9 | 2.018 |
| 248706.2 | 843176.0 | 124.9 | 14.433 | 7.012 | 25.9 | 16.046 | 6.7 | 12.769 | 1.651 | 0.344 | 11.8 | 1.687 | 0.3 | 1.982 | -0.525 | -14.8 | 2.050 |
| 248705.3 | 843175.5 | 125.0 | 14.516 | 7.062 | 25.9 | 16.142 | 6.7 | 12.846 | 1.652 | 0.342 | 11.7 | 1.687 | 0.3 | 1.996 | -0.526 | -14.8 | 2.064 |
| 248704.5 | 843175.0 | 125.1 | 14.593 | 7.110 | 26.0 | 16.233 | 6.8 | 12.918 | 1.653 | 0.340 | 11.6 | 1.687 | 0.3 | 2.004 | -0.526 | -14.7 | 2.072 |
| 248703.6 | 843174.5 | 125.2 | 14.685 | 7.165 | 26.0 | 16.340 | 6.8 | 13.003 | 1.653 | 0.337 | 11.5 | 1.687 | 0.3 | 2.037 | -0.531 | -14.6 | 2.105 |
| 248702.7 | 843174.0 | 125.3 | 14.787 | 7.224 | 26.0 | 16.458 | 6.9 | 13.097 | 1.653 | 0.334 | 11.4 | 1.687 | 0.3 | 2.088 | -0.539 | -14.5 | 2.156 |
| 248701.9 | 843173.5 | 125.5 | 14.889 | 7.284 | 26.1 | 16.575 | 6.9 | 13.190 | 1.653 | 0.331 | 11.3 | 1.685 | 0.3 | 2.139 | -0.547 | -14.3 | 2.208 |
| 248701.0 | 843173.0 | 125.6 | 14.991 | 7.344 | 26.1 | 16.694 | 7.0 | 13.284 | 1.651 | 0.327 | 11.2 | 1.684 | 0.3 | 2.191 | -0.555 | -14.2 | 2.260 |
| 248700.1 | 843172.5 | 125.7 | 15.071 | 7.395 | 26.1 | 16.787 | 7.0 | 13.359 | 1.650 | 0.323 | 11.1 | 1.681 | 0.3 | 2.210 | -0.556 | -14.1 | 2.279 |
| 248699.3 | 843172.0 | 125.8 | 15.132 | 7.440 | 26.2 | 16.862 | 7.1 | 13.419 | 1.647 | 0.319 | 11.0 | 1.678 | 0.3 | 2.203 | -0.553 | -14.1 | 2.271 |
| 248698.4 | 843171.5 | 125.9 | 15.193 | 7.484 | 26.2 | 16.936 | 7.2 | 13.478 | 1.644 | 0.315 | 10.9 | 1.674 | 0.3 | 2.197 | -0.550 | -14.0 | 2.265 |
| 248697.5 | 843171.0 | 126.0 | 15.253 | 7.528 | 26.3 | 17.010 | 7.2 | 13.536 | 1.641 | 0.311 | 10.7 | 1.670 | 0.3 | 2.193 | -0.547 | -14.0 | 2.260 |
| 248696.7 | 843170.5 | 126.1 | 15.313 | 7.573 | 26.3 | 17.083 | 7.3 | 13.594 | 1.637 | 0.306 | 10.6 | 1.665 | 0.3 | 2.190 | -0.544 | -13.9 | 2.256 |
| 248695.8 | 843170.0 | 126.2 | 15.380 | 7.620 | 26.4 | 17.164 | 7.4 | 13.659 | 1.632 | 0.301 | 10.4 | 1.660 | 0.3 | 2.200 | -0.543 | -13.9 | 2.266 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248695.0 | 843169.5 | 126.3 | 15.455 | 7.672 | 26.4 | 17.255 | 7.4 | 13.731 | 1.627 | 0.295 | 10.3 | 1.654 | 0.2 | 2.227 | -0.545 | -13.8 | 2.292 |
| 248694.1 | 843169.0 | 126.4 | 15.543 | 7.730 | 26.4 | 17.359 | 7.5 | 13.814 | 1.621 | 0.289 | 10.1 | 1.647 | 0.2 | 2.272 | -0.551 | -13.6 | 2.338 |
| 248693.2 | 843168.5 | 126.5 | 15.630 | 7.788 | 26.5 | 17.463 | 7.6 | 13.896 | 1.615 | 0.283 | 9.9 | 1.640 | 0.2 | 2.318 | -0.556 | -13.5 | 2.384 |
| 248692.4 | 843168.0 | 126.6 | 15.707 | 7.841 | 26.5 | 17.555 | 7.6 | 13.970 | 1.608 | 0.277 | 9.8 | 1.632 | 0.2 | 2.352 | -0.559 | -13.4 | 2.417 |
| 248691.5 | 843167.5 | 126.7 | 15.773 | 7.891 | 26.6 | 17.637 | 7.7 | 14.035 | 1.601 | 0.270 | 9.6 | 1.623 | 0.2 | 2.373 | -0.559 | -13.3 | 2.438 |
| 248690.6 | 843167.0 | 126.8 | 15.820 | 7.933 | 26.6 | 17.698 | 7.8 | 14.083 | 1.592 | 0.263 | 9.4 | 1.614 | 0.2 | 2.369 | -0.555 | -13.2 | 2.433 |
| 248689.8 | 843166.5 | 126.9 | 15.866 | 7.975 | 26.7 | 17.757 | 7.8 | 14.131 | 1.583 | 0.256 | 9.2 | 1.604 | 0.2 | 2.367 | -0.550 | -13.1 | 2.430 |
| 248688.9 | 843166.0 | 126.9 | 15.867 | 7.998 | 26.8 | 17.769 | 7.9 | 14.140 | 1.573 | 0.248 | 8.9 | 1.593 | 0.3 | 2.307 | -0.537 | -13.1 | 2.369 |
| 248688.0 | 843165.5 | 127.0 | 15.899 | 8.034 | 26.8 | 17.814 | 8.0 | 14.176 | 1.563 | 0.239 | 8.7 | 1.581 | 0.3 | 2.294 | -0.532 | -13.0 | 2.355 |
| 248687.2 | 843165.0 | 127.1 | 15.941 | 8.076 | 26.9 | 17.870 | 8.1 | 14.220 | 1.552 | 0.231 | 8.5 | 1.569 | 0.3 | 2.296 | -0.528 | -13.0 | 2.356 |
| 248686.3 | 843164.4 | 127.2 | 15.981 | 8.116 | 26.9 | 17.924 | 8.2 | 14.264 | 1.540 | 0.222 | 8.2 | 1.556 | 0.3 | 2.299 | -0.524 | -12.8 | 2.358 |
| 248685.4 | 843163.9 | 127.2 | 16.021 | 8.157 | 27.0 | 17.978 | 8.3 | 14.306 | 1.528 | 0.213 | 7.9 | 1.543 | 0.4 | 2.303 | -0.520 | -12.7 | 2.361 |
| 248684.6 | 843163.4 | 127.3 | 16.058 | 8.198 | 27.0 | 18.030 | 8.4 | 14.348 | 1.515 | 0.203 | 7.6 | 1.529 | 0.4 | 2.309 | -0.516 | -12.6 | 2.366 |
| 248683.7 | 843162.9 | 127.4 | 16.095 | 8.238 | 27.1 | 18.081 | 8.5 | 14.388 | 1.502 | 0.193 | 7.3 | 1.514 | 0.5 | 2.315 | -0.512 | -12.5 | 2.371 |
| 248682.9 | 843162.4 | 127.5 | 16.130 | 8.278 | 27.2 | 18.130 | 8.6 | 14.427 | 1.488 | 0.183 | 7.0 | 1.499 | 0.6 | 2.322 | -0.507 | -12.3 | 2.376 |
| 248682.0 | 843161.9 | 127.6 | 16.163 | 8.318 | 27.2 | 18.178 | 8.6 | 14.465 | 1.473 | 0.172 | 6.7 | 1.483 | 0.6 | 2.329 | -0.502 | -12.2 | 2.383 |
| 248681.1 | 843161.4 | 127.7 | 16.195 | 8.357 | 27.3 | 18.224 | 8.7 | 14.502 | 1.458 | 0.161 | 6.3 | 1.467 | 0.7 | 2.337 | -0.496 | -12.0 | 2.389 |
| 248680.3 | 843160.9 | 127.7 | 16.210 | 8.389 | 27.4 | 18.252 | 8.9 | 14.525 | 1.442 | 0.149 | 5.9 | 1.450 | 0.8 | 2.328 | -0.488 | -11.9 | 2.379 |
| 248679.4 | 843160.4 | 127.8 | 16.210 | 8.415 | 27.4 | 18.263 | 9.0 | 14.534 | 1.426 | 0.137 | 5.5 | 1.432 | 0.9 | 2.303 | -0.479 | -11.7 | 2.352 |
| 248678.5 | 843159.9 | 127.8 | 16.207 | 8.439 | 27.5 | 18.273 | 9.1 | 14.541 | 1.409 | 0.125 | 5.1 | 1.414 | 1.0 | 2.280 | -0.469 | -11.6 | 2.327 |
| 248677.7 | 843159.4 | 127.9 | 16.203 | 8.463 | 27.6 | 18.280 | 9.2 | 14.547 | 1.391 | 0.112 | 4.6 | 1.395 | 1.1 | 2.257 | -0.459 | -11.5 | 2.303 |
| 248676.8 | 843158.9 | 128.0 | 16.197 | 8.487 | 27.7 | 18.285 | 9.3 | 14.551 | 1.373 | 0.100 | 4.1 | 1.376 | 1.2 | 2.235 | -0.449 | -11.4 | 2.280 |
| 248675.9 | 843158.4 | 128.0 | 16.188 | 8.509 | 27.7 | 18.288 | 9.5 | 14.553 | 1.354 | 0.086 | 3.7 | 1.357 | 1.3 | 2.215 | -0.438 | -11.2 | 2.257 |
| 248675.1 | 843157.9 | 128.1 | 16.178 | 8.531 | 27.8 | 18.289 | 9.6 | 14.554 | 1.334 | 0.073 | 3.1 | 1.336 | 1.5 | 2.194 | -0.427 | -11.0 | 2.236 |
| 248674.2 | 843157.4 | 128.1 | 16.165 | 8.552 | 27.9 | 18.288 | 9.7 | 14.553 | 1.315 | 0.060 | 2.6 | 1.316 | 1.6 | 2.175 | -0.416 | -10.8 | 2.214 |
| 248673.3 | 843156.9 | 128.2 | 16.150 | 8.572 | 28.0 | 18.284 | 9.8 | 14.550 | 1.294 | 0.048 | 2.1 | 1.295 | 1.8 | 2.156 | -0.404 | -10.6 | 2.194 |
| 248672.5 | 843156.4 | 128.3 | 16.133 | 8.591 | 28.0 | 18.278 | 10.0 | 14.545 | 1.273 | 0.037 | 1.7 | 1.274 | 2.0 | 2.138 | -0.391 | -10.4 | 2.174 |
| 248671.6 | 843155.9 | 128.3 | 16.114 | 8.609 | 28.1 | 18.270 | 10.1 | 14.539 | 1.252 | 0.030 | 1.4 | 1.252 | 2.2 | 2.121 | -0.377 | -10.1 | 2.154 |
| 248670.8 | 843155.4 | 128.4 | 16.096 | 8.628 | 28.2 | 18.262 | 10.3 | 14.533 | 1.230 | 0.031 | 1.5 | 1.231 | 2.5 | 2.106 | -0.363 | -9.8 | 2.138 |
| 248669.9 | 843154.9 | 128.4 | 16.083 | 8.650 | 28.3 | 18.262 | 10.4 | 14.532 | 1.208 | 0.040 | 1.9 | 1.209 | 2.8 | 2.101 | -0.348 | -9.4 | 2.129 |
| 248669.0 | 843154.4 | 128.5 | 16.069 | 8.670 | 28.4 | 18.259 | 10.6 | 14.530 | 1.186 | 0.053 | 2.6 | 1.187 | 3.2 | 2.095 | -0.331 | -9.0 | 2.121 |
| 248668.2 | 843153.9 | 128.6 | 16.052 | 8.690 | 28.4 | 18.253 | 10.7 | 14.525 | 1.163 | 0.068 | 3.4 | 1.165 | 3.6 | 2.089 | -0.313 | -8.5 | 2.112 |
| 248667.3 | 843153.4 | 128.6 | 16.010 | 8.698 | 28.5 | 18.221 | 10.9 | 14.499 | 1.139 | 0.084 | 4.2 | 1.142 | 4.0 | 2.063 | -0.295 | -8.1 | 2.084 |
| 248666.4 | 843152.9 | 128.7 | 15.960 | 8.702 | 28.6 | 18.178 | 11.1 | 14.466 | 1.115 | 0.100 | 5.1 | 1.120 | 4.4 | 2.033 | -0.277 | -7.8 | 2.051 |
| 248665.6 | 843152.4 | 128.7 | 15.908 | 8.704 | 28.7 | 18.133 | 11.2 | 14.430 | 1.091 | 0.117 | 6.1 | 1.097 | 4.8 | 2.003 | -0.258 | -7.4 | 2.019 |
| 248664.7 | 843151.9 | 128.8 | 15.852 | 8.705 | 28.8 | 18.085 | 11.4 | 14.392 | 1.066 | 0.135 | 7.2 | 1.074 | 5.2 | 1.974 | -0.239 | -6.9 | 1.988 |
| 248663.8 | 843151.4 | 128.8 | 15.794 | 8.705 | 28.9 | 18.034 | 11.6 | 14.351 | 1.041 | 0.153 | 8.4 | 1.052 | 5.7 | 1.945 | -0.219 | -6.4 | 1.957 |
| 248663.0 | 843150.9 | 128.9 | 15.733 | 8.703 | 28.9 | 17.980 | 11.8 | 14.308 | 1.015 | 0.171 | 9.6 | 1.030 | 6.3 | 1.917 | -0.198 | -5.9 | 1.927 |
| 248662.1 | 843150.4 | 128.9 | 15.670 | 8.699 | 29.0 | 17.923 | 12.0 | 14.262 | 0.990 | 0.190 | 10.9 | 1.008 | 6.8 | 1.890 | -0.176 | -5.3 | 1.898 |
| 248661.2 | 843149.9 | 129.0 | 15.607 | 8.696 | 29.1 | 17.866 | 12.2 | 14.217 | 0.964 | 0.209 | 12.2 | 0.986 | 7.5 | 1.865 | -0.152 | -4.7 | 1.872 |
| 248660.4 | 843149.4 | 129.0 | 15.543 | 8.692 | 29.2 | 17.808 | 12.4 | 14.171 | 0.938 | 0.228 | 13.7 | 0.965 | 8.3 | 1.843 | -0.128 | -4.0 | 1.847 |
| 248659.5 | 843148.8 | 129.1 | 15.476 | 8.686 | 29.3 | 17.747 | 12.6 | 14.123 | 0.912 | 0.247 | 15.2 | 0.945 | 9.1 | 1.821 | -0.102 | -3.2 | 1.823 |
| 248658.7 | 843148.3 | 129.1 | 15.405 | 8.679 | 29.4 | 17.682 | 12.8 | 14.071 | 0.885 | 0.266 | 16.7 | 0.925 | 9.9 | 1.798 | -0.075 | -2.4 | 1.799 |
| 248657.8 | 843147.8 | 129.2 | 15.332 | 8.670 | 29.5 | 17.613 | 13.0 | 14.016 | 0.859 | 0.286 | 18.4 | 0.905 | 10.9 | 1.775 | -0.048 | -1.5 | 1.775 |
| 248656.9 | 843147.3 | 129.2 | 15.255 | 8.659 | 29.6 | 17.542 | 13.2 | 13.959 | 0.833 | 0.306 | 20.1 | 0.887 | 11.9 | 1.752 | -0.019 | -0.6 | 1.752 |
| 248656.1 | 843146.8 | 129.2 | 15.176 | 8.647 | 29.7 | 17.467 | 13.5 | 13.900 | 0.806 | 0.325 | 22.0 | 0.869 | 12.9 | 1.729 | 0.011 | 0.3 | 1.730 |
| 248655.2 | 843146.3 | 129.3 | 15.094 | 8.634 | 29.8 | 17.389 | 13.7 | 13.838 | 0.780 | 0.345 | 23.9 | 0.853 | 14.1 | 1.707 | 0.041 | 1.4 | 1.707 |
| 248654.3 | 843145.8 | 129.3 | 14.997 | 8.612 | 29.9 | 17.294 | 13.9 | 13.762 | 0.753 | 0.364 | 25.8 | 0.837 | 15.1 | 1.677 | 0.069 | 2.4 | 1.678 |
| 248653.5 | 843145.3 | 129.4 | 14.872 | 8.574 | 30.0 | 17.166 | 14.2 | 13.661 | 0.726 | 0.383 | 27.8 | 0.821 | 15.8 | 1.633 | 0.089 | 3.1 | 1.635 |
| 248652.6 | 843144.8 | 129.4 | 14.744 | 8.535 | 30.1 | 17.036 | 14.5 | 13.557 | 0.699 | 0.402 | 29.9 | 0.806 | 16.5 | 1.590 | 0.109 | 3.9 | 1.594 |
| 248651.7 | 843144.3 | 129.4 | 14.614 | 8.495 | 30.2 | 16.903 | 14.8 | 13.451 | 0.672 | 0.421 | 32.1 | 0.793 | 17.2 | 1.549 | 0.129 | 4.8 | 1.554 |
| 248650.9 | 843143.8 | 129.4 | 14.482 | 8.453 | 30.3 | 16.769 | 15.0 | 13.344 | 0.645 | 0.440 | 34.3 | 0.781 | 17.9 | 1.509 | 0.148 | 5.6 | 1.516 |
| 248650.0 | 843143.3 | 129.4 | 14.349 | 8.410 | 30.4 | 16.632 | 15.3 | 13.235 | 0.618 | 0.459 | 36.6 | 0.770 | 18.6 | 1.471 | 0.167 | 6.5 | 1.481 |
| 248649.1 | 843142.8 | 129.4 | 14.209 | 8.363 | 30.5 | 16.488 | 15.6 | 13.121 | 0.591 | 0.477 | 38.9 | 0.760 | 19.1 | 1.432 | 0.184 | 7.3 | 1.444 |
| 248648.3 | 843142.3 | 129.5 | 14.066 | 8.314 | 30.6 | 16.339 | 15.9 | 13.002 | 0.564 | 0.496 | 41.3 | 0.751 | 19.5 | 1.394 | 0.199 | 8.1 | 1.408 |
| 248647.4 | 843141.8 | 129.5 | 13.922 | 8.265 | 30.7 | 16.190 | 16.2 | 12.883 | 0.538 | 0.514 | 43.7 | 0.744 | 19.9 | 1.357 | 0.214 | 9.0 | 1.373 |
| 248646.6 | 843141.3 | 129.5 | 13.777 | 8.215 | 30.8 | 16.040 | 16.5 | 12.764 | 0.512 | 0.532 | 46.1 | 0.738 | 20.2 | 1.322 | 0.228 | 9.8 | 1.341 |
| 248645.7 | 843140.8 | 129.5 | 13.633 | 8.164 | 30.9 | 15.891 | 16.8 | 12.645 | 0.486 | 0.549 | 48.5 | 0.734 | 20.4 | 1.288 | 0.242 | 10.6 | 1.311 |
| 248644.8 | 843140.3 | 129.5 | 13.489 | 8.114 | 31.0 | 15.742 | 17.2 | 12.527 | 0.461 | 0.567 | 50.9 | 0.730 | 20.5 | 1.257 | 0.255 | 11.5 | 1.282 |
| 248644.0 | 843139.8 | 129.5 | 13.347 | 8.065 | 31.1 | 15.594 | 17.5 | 12.410 | 0.435 | 0.584 | 53.3 | 0.728 | 20.5 | 1.227 | 0.267 | 12.3 | 1.256 |
| 248643.1 | 843139.3 | 129.5 | 13.206 | 8.016 | 31.3 | 15.449 | 17.8 | 12.294 | 0.410 | 0.601 | 55.7 | 0.728 | 20.5 | 1.199 | 0.280 | 13.1 | 1.231 |
| 248642.2 | 843138.8 | 129.5 | 13.068 | 7.969 | 31.4 | 15.306 | 18.1 | 12.180 | 0.386 | 0.618 | 58.0 | 0.729 | 20.4 | 1.172 | 0.291 | 14.0 | 1.207 |
| 248641.4 | 843138.3 | 129.5 | 12.933 | 7.923 | 31.5 | 15.167 | 18.4 | 12.070 | 0.362 | 0.635 | 60.3 | 0.730 | 20.3 | 1.147 | 0.303 | 14.8 | 1.186 |
| 248640.5 | 843137.8 | 129.6 | 12.806 | 7.881 | 31.6 | 15.037 | 18.7 | 11.966 | 0.338 | 0.651 | 62.6 | 0.734 | 20.2 | 1.124 | 0.317 | 15.7 | 1.168 |
| 248639.6 | 843137.3 | 129.6 | 12.683 | 7.842 | 31.7 | 14.911 | 19.0 | 11.866 | 0.315 | 0.668 | 64.8 | 0.738 | 20.0 | 1.103 | 0.330 | 16.7 | 1.151 |
| 248638.8 | 843136.8 | 129.6 | 12.554 | 7.798 | 31.8 | 14.778 | 19.3 | 11.760 | 0.291 | 0.684 | 66.9 | 0.743 | 19.5 | 1.080 | 0.336 | 17.3 | 1.131 |
| 248637.9 | 843136.3 | 129.6 | 12.466 | 7.779 | 32.0 | 14.694 | 19.6 | 11.693 | 0.270 | 0.701 | 68.9 | 0.751 | 19.7 | 1.066 | 0.366 | 19.0 | 1.127 |
| 248637.1 | 843135.8 | 129.7 | 12.397 | 7.771 | 32.1 | 14.631 | 19.8 | 11.643 | 0.251 | 0.717 | 70.7 | 0.760 | 20.1 | 1.054 | 0.406 | 21.1 | 1.130 |
| 248636.2 | 843135.3 | 129.7 | 12.330 | 7.764 | 32.2 | 14.571 | 20.1 | 11.595 | 0.233 | 0.734 | 72.4 | 0.770 | 20.4 | 1.041 | 0.445 | 23.1 | 1.132 |
| 248635.3 | 843134.8 | 129.7 | 12.254 | 7.750 | 32.3 | 14.499 | 20.3 | 11.538 | 0.215 | 0.751 | 74.0 | 0.781 | 20.2 | 1.024 | 0.471 | 24.7 | 1.127 |
| 248634.5 | 843134.3 | 129.8 | 12.187 | 7.741 | 32.4 | 14.438 | 20.5 | 11.489 | 0.198 | 0.768 | 75.5 | 0.793 | 20.1 | 1.007 | 0.499 | 26.4 | 1.124 |
| 248633.6 | 843133.8 | 129.7 | 12.055 | 7.690 | 32.5 | 14.299 | 20.8 | 11.379 | 0.176 | 0.785 | 77.3 | 0.804 | 18.6 | 0.982 | 0.470 | 25.6 | 1.089 |
| 248632.7 | 843133.2 | 129.8 | 12.060 | 7.724 | 32.6 | 14.322 | 20.9 | 11.397 | 0.170 | 0.803 | 78.0 | 0.820 | 19.3 | 0.969 | 0.543 | 29.3 | 1.111 |
| 248631.9 | 843132.7 | 129.9 | 12.081 | 7.769 | 32.7 | 14.363 | 21.1 | 11.430 | 0.169 | 0.821 | 78.4 | 0.838 | 20.0 | 0.953 | 0.625 | 33.2 | 1.139 |

Max EF along centerline is 1.687 (kV/m) at 164.000 (m) from structure [redacted]-6T

Cross section results at max EF along centerline between structures [redacted]-6T and [redacted]/[redacted]-7




3D EMF Point Results Span from [redacted]-6T to [redacted]-7:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) | |
| 248712.1 | 843161.9 | 124.6 | 9.049 | 4.486 | 26.4 | 10.100 | 13.2 | 8.037 | 1.150 | 0.355 | 17.1 | 1.203 | 0.0 | 0.616 | -0.160 | -14.6 | 0.636 | |
| 248711.6 | 843162.7 | 124.7 | 9.447 | 4.651 | 26.2 | 10.530 | 12.9 | 8.380 | 1.225 | 0.367 | 16.7 | 1.278 | 0.1 | 0.719 | -0.191 | -14.8 | 0.744 | |
| 248711.1 | 843163.6 | 124.7 | 9.848 | 4.818 | 26.1 | 10.963 | 12.6 | 8.724 | 1.299 | 0.378 | 16.2 | 1.352 | 0.1 | 0.818 | -0.219 | -15.0 | 0.847 | |
| 248710.6 | 843164.5 | 124.7 | 10.249 | 4.985 | 25.9 | 11.397 | 12.2 | 9.070 | 1.371 | 0.387 | 15.8 | 1.424 | 0.1 | 0.915 | -0.245 | -15.0 | 0.947 | |
| 248710.1 | 843165.3 | 124.8 | 10.652 | 5.154 | 25.8 | 11.833 | 11.8 | 9.417 | 1.439 | 0.395 | 15.4 | 1.493 | 0.1 | 1.013 | -0.271 | -15.0 | 1.049 | |
| 248709.6 | 843166.2 | 124.8 | 11.054 | 5.324 | 25.7 | 12.269 | 11.4 | 9.764 | 1.504 | 0.401 | 14.9 | 1.556 | 0.1 | 1.113 | -0.297 | -14.9 | 1.152 | |
| 248709.1 | 843167.1 | 124.8 | 11.453 | 5.496 | 25.6 | 12.703 | 11.0 | 10.109 | 1.562 | 0.406 | 14.6 | 1.614 | 0.1 | 1.214 | -0.323 | -14.9 | 1.257 | |
| 248708.6 | 843167.9 | 124.9 | 11.846 | 5.668 | 25.6 | 13.132 | 10.6 | 10.450 | 1.614 | 0.408 | 14.2 | 1.664 | 0.0 | 1.315 | -0.348 | -14.8 | 1.360 | |
| 248708.1 | 843168.8 | 124.9 | 12.231 | 5.841 | 25.5 | 13.554 | 10.1 | 10.786 | 1.657 | 0.408 | 13.8 | 1.706 | 0.0 | 1.414 | -0.372 | -14.8 | 1.462 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248707.6 | 843169.7 | 124.9 | 12.601 | 6.013 | 25.5 | 13.962 | 9.7 | 11.111 | 1.691 | 0.406 | 13.5 | 1.739 | 0.1 | 1.503 | -0.394 | -14.7 | 1.554 |
| 248707.1 | 843170.5 | 124.9 | 12.968 | 6.189 | 25.5 | 14.369 | 9.2 | 11.434 | 1.714 | 0.402 | 13.2 | 1.761 | 0.1 | 1.605 | -0.420 | -14.7 | 1.659 |
| 248706.6 | 843171.4 | 125.0 | 13.319 | 6.366 | 25.5 | 14.762 | 8.7 | 11.747 | 1.727 | 0.395 | 12.9 | 1.772 | 0.1 | 1.701 | -0.444 | -14.6 | 1.758 |
| 248706.1 | 843172.2 | 125.0 | 13.653 | 6.542 | 25.6 | 15.139 | 8.3 | 12.047 | 1.728 | 0.386 | 12.6 | 1.771 | 0.2 | 1.789 | -0.466 | -14.6 | 1.849 |
| 248705.6 | 843173.1 | 125.0 | 13.968 | 6.719 | 25.7 | 15.500 | 7.8 | 12.335 | 1.717 | 0.374 | 12.3 | 1.758 | 0.2 | 1.868 | -0.487 | -14.6 | 1.931 |
| 248705.1 | 843174.0 | 125.1 | 14.264 | 6.896 | 25.8 | 15.844 | 7.3 | 12.608 | 1.695 | 0.360 | 12.0 | 1.733 | 0.3 | 1.937 | -0.506 | -14.6 | 2.002 |
| 248704.6 | 843174.8 | 125.1 | 14.540 | 7.074 | 25.9 | 16.170 | 6.9 | 12.868 | 1.661 | 0.343 | 11.7 | 1.696 | 0.3 | 1.994 | -0.523 | -14.7 | 2.061 |
| 248704.1 | 843175.7 | 125.2 | 14.822 | 7.264 | 26.1 | 16.506 | 6.4 | 13.135 | 1.616 | 0.324 | 11.3 | 1.649 | 0.3 | 2.079 | -0.545 | -14.7 | 2.149 |
| 248703.6 | 843176.6 | 125.2 | 15.098 | 7.462 | 26.3 | 16.841 | 6.0 | 13.402 | 1.562 | 0.301 | 10.9 | 1.590 | 0.3 | 2.169 | -0.568 | -14.7 | 2.242 |
| 248703.0 | 843177.4 | 125.3 | 15.348 | 7.659 | 26.5 | 17.153 | 5.6 | 13.650 | 1.497 | 0.275 | 10.4 | 1.522 | 0.3 | 2.228 | -0.584 | -14.7 | 2.303 |
| 248702.5 | 843178.3 | 125.3 | 15.583 | 7.860 | 26.8 | 17.453 | 5.2 | 13.888 | 1.424 | 0.246 | 9.8 | 1.445 | 0.3 | 2.271 | -0.595 | -14.7 | 2.348 |
| 248702.0 | 843179.2 | 125.4 | 15.805 | 8.066 | 27.0 | 17.744 | 4.8 | 14.120 | 1.343 | 0.214 | 9.1 | 1.360 | 0.2 | 2.299 | -0.603 | -14.7 | 2.377 |
| 248701.5 | 843180.0 | 125.5 | 16.018 | 8.279 | 27.3 | 18.031 | 4.5 | 14.349 | 1.256 | 0.178 | 8.1 | 1.268 | 0.3 | 2.314 | -0.605 | -14.7 | 2.392 |
| 248701.0 | 843180.9 | 125.5 | 16.228 | 8.502 | 27.7 | 18.320 | 4.2 | 14.579 | 1.162 | 0.139 | 6.8 | 1.170 | 0.6 | 2.318 | -0.603 | -14.6 | 2.395 |
| 248700.5 | 843181.8 | 125.6 | 16.421 | 8.728 | 28.0 | 18.597 | 3.9 | 14.799 | 1.062 | 0.096 | 5.1 | 1.067 | 1.0 | 2.293 | -0.593 | -14.5 | 2.368 |
| 248700.0 | 843182.6 | 125.6 | 16.614 | 8.966 | 28.4 | 18.879 | 3.7 | 15.023 | 0.958 | 0.050 | 3.0 | 0.959 | 1.8 | 2.256 | -0.578 | -14.4 | 2.329 |
| 248699.5 | 843183.5 | 125.7 | 16.810 | 9.216 | 28.7 | 19.171 | 3.5 | 15.256 | 0.849 | 0.027 | 1.8 | 0.849 | 3.1 | 2.207 | -0.556 | -14.1 | 2.276 |
| 248699.0 | 843184.3 | 125.7 | 17.009 | 9.479 | 29.1 | 19.472 | 3.3 | 15.495 | 0.736 | 0.075 | 5.8 | 0.740 | 5.3 | 2.145 | -0.528 | -13.8 | 2.209 |
| 248698.5 | 843185.2 | 125.8 | 17.216 | 9.758 | 29.5 | 19.789 | 3.2 | 15.748 | 0.619 | 0.139 | 12.6 | 0.635 | 8.8 | 2.072 | -0.493 | -13.4 | 2.130 |
| 248698.0 | 843186.1 | 125.8 | 17.437 | 10.056 | 30.0 | 20.129 | 3.1 | 16.018 | 0.499 | 0.211 | 23.0 | 0.542 | 14.7 | 1.990 | -0.450 | -12.7 | 2.040 |
| 248697.5 | 843186.9 | 125.9 | 17.673 | 10.376 | 30.4 | 20.493 | 3.1 | 16.308 | 0.376 | 0.292 | 37.8 | 0.476 | 23.1 | 1.898 | -0.397 | -11.8 | 1.939 |
| 248697.0 | 843187.8 | 125.9 | 17.927 | 10.719 | 30.9 | 20.887 | 3.1 | 16.621 | 0.254 | 0.381 | 56.3 | 0.458 | 29.6 | 1.795 | -0.335 | -10.6 | 1.826 |

Centerline results between structures [redacted]/[redacted]-8 and [redacted]-9T

**3D EMF Point Results Centerline from [redacted]/[redacted]-8 to [redacted]-9T:**

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) | |
| 248290.5 | 842781.2 | 141.9 | 7.948 | 5.051 | 32.4 | 9.418 | 26.3 | 7.494 | 0.219 | 0.569 | 69.0 | 0.610 | 21.2 | 0.900 | 0.542 | 31.1 | 1.051 | |
| 248289.9 | 842780.4 | 142.0 | 8.008 | 5.078 | 32.4 | 9.482 | 26.2 | 7.546 | 0.228 | 0.567 | 68.1 | 0.611 | 21.7 | 0.915 | 0.553 | 31.2 | 1.070 | |
| 248289.3 | 842779.6 | 142.0 | 8.077 | 5.110 | 32.3 | 9.558 | 26.1 | 7.606 | 0.237 | 0.565 | 67.2 | 0.612 | 22.2 | 0.932 | 0.566 | 31.3 | 1.091 | |
| 248288.7 | 842778.8 | 142.1 | 8.157 | 5.148 | 32.3 | 9.646 | 25.9 | 7.676 | 0.247 | 0.563 | 66.3 | 0.615 | 22.8 | 0.951 | 0.581 | 31.4 | 1.115 | |
| 248288.1 | 842778.0 | 142.2 | 8.259 | 5.199 | 32.2 | 9.759 | 25.8 | 7.766 | 0.258 | 0.562 | 65.3 | 0.618 | 23.7 | 0.977 | 0.608 | 31.9 | 1.150 | |
| 248287.5 | 842777.2 | 142.3 | 8.367 | 5.251 | 32.1 | 9.878 | 25.6 | 7.861 | 0.269 | 0.561 | 64.4 | 0.622 | 24.6 | 1.002 | 0.632 | 32.2 | 1.185 | |
| 248286.9 | 842776.3 | 142.3 | 8.470 | 5.300 | 32.0 | 9.992 | 25.5 | 7.951 | 0.279 | 0.560 | 63.5 | 0.625 | 25.2 | 1.025 | 0.644 | 32.1 | 1.211 | |
| 248286.4 | 842775.5 | 142.3 | 8.533 | 5.324 | 32.0 | 10.058 | 25.3 | 8.004 | 0.287 | 0.559 | 62.8 | 0.628 | 24.6 | 1.031 | 0.617 | 30.9 | 1.201 | |
| 248285.8 | 842774.7 | 142.2 | 8.598 | 5.348 | 31.9 | 10.126 | 25.1 | 8.058 | 0.294 | 0.558 | 62.2 | 0.630 | 24.0 | 1.035 | 0.585 | 29.5 | 1.189 | |
| 248285.2 | 842773.9 | 142.2 | 8.673 | 5.378 | 31.8 | 10.205 | 24.9 | 8.121 | 0.302 | 0.557 | 61.5 | 0.634 | 23.5 | 1.041 | 0.558 | 28.2 | 1.181 | |
| 248284.6 | 842773.1 | 142.2 | 8.767 | 5.419 | 31.7 | 10.306 | 24.7 | 8.201 | 0.312 | 0.556 | 60.7 | 0.637 | 23.2 | 1.053 | 0.541 | 27.2 | 1.184 | |
| 248284.0 | 842772.3 | 142.2 | 8.868 | 5.463 | 31.6 | 10.416 | 24.5 | 8.289 | 0.321 | 0.555 | 59.9 | 0.642 | 23.0 | 1.066 | 0.526 | 26.3 | 1.189 | |
| 248283.4 | 842771.5 | 142.2 | 8.976 | 5.512 | 31.6 | 10.533 | 24.3 | 8.382 | 0.331 | 0.555 | 59.2 | 0.646 | 22.9 | 1.081 | 0.513 | 25.4 | 1.197 | |
| 248282.8 | 842770.7 | 142.2 | 9.091 | 5.565 | 31.5 | 10.658 | 24.0 | 8.482 | 0.342 | 0.554 | 58.3 | 0.651 | 22.8 | 1.098 | 0.501 | 24.5 | 1.207 | |
| 248282.2 | 842769.9 | 142.2 | 9.225 | 5.629 | 31.4 | 10.807 | 23.8 | 8.600 | 0.353 | 0.553 | 57.5 | 0.656 | 23.1 | 1.123 | 0.501 | 24.1 | 1.230 | |
| 248281.6 | 842769.1 | 142.2 | 9.367 | 5.697 | 31.3 | 10.963 | 23.6 | 8.724 | 0.364 | 0.553 | 56.6 | 0.662 | 23.4 | 1.151 | 0.504 | 23.6 | 1.256 | |
| 248281.0 | 842768.3 | 142.2 | 9.513 | 5.767 | 31.2 | 11.124 | 23.3 | 8.852 | 0.376 | 0.552 | 55.7 | 0.668 | 23.7 | 1.180 | 0.506 | 23.2 | 1.283 | |
| 248280.4 | 842767.5 | 142.1 | 9.643 | 5.827 | 31.1 | 11.267 | 23.1 | 8.966 | 0.388 | 0.551 | 54.9 | 0.673 | 23.7 | 1.201 | 0.495 | 22.4 | 1.299 | |
| 248279.8 | 842766.7 | 142.1 | 9.778 | 5.890 | 31.1 | 11.415 | 22.8 | 9.084 | 0.399 | 0.549 | 54.0 | 0.679 | 23.6 | 1.225 | 0.485 | 21.6 | 1.317 | |
| 248279.2 | 842765.9 | 142.1 | 9.908 | 5.951 | 31.0 | 11.558 | 22.6 | 9.197 | 0.411 | 0.548 | 53.1 | 0.685 | 23.5 | 1.246 | 0.471 | 20.7 | 1.332 | |
| 248278.6 | 842765.1 | 142.0 | 10.030 | 6.006 | 30.9 | 11.690 | 22.4 | 9.303 | 0.422 | 0.546 | 52.3 | 0.690 | 23.1 | 1.263 | 0.450 | 19.6 | 1.341 | |
| 248278.1 | 842764.3 | 142.0 | 10.154 | 6.063 | 30.8 | 11.826 | 22.1 | 9.411 | 0.433 | 0.544 | 51.4 | 0.695 | 22.8 | 1.282 | 0.430 | 18.5 | 1.352 | |
| 248277.5 | 842763.5 | 141.9 | 10.281 | 6.121 | 30.8 | 11.965 | 21.9 | 9.522 | 0.445 | 0.541 | 50.6 | 0.701 | 22.5 | 1.302 | 0.412 | 17.5 | 1.365 | |
| 248276.9 | 842762.7 | 141.9 | 10.411 | 6.180 | 30.7 | 12.107 | 21.7 | 9.634 | 0.457 | 0.539 | 49.7 | 0.707 | 22.2 | 1.323 | 0.394 | 16.6 | 1.380 | |
| 248276.3 | 842761.8 | 141.8 | 10.542 | 6.241 | 30.6 | 12.250 | 21.5 | 9.748 | 0.470 | 0.536 | 48.7 | 0.712 | 21.9 | 1.345 | 0.378 | 15.7 | 1.397 | |
| 248275.7 | 842761.0 | 141.8 | 10.667 | 6.298 | 30.6 | 12.388 | 21.3 | 9.858 | 0.482 | 0.532 | 47.8 | 0.718 | 21.6 | 1.365 | 0.358 | 14.7 | 1.411 | |
| 248275.1 | 842760.2 | 141.7 | 10.779 | 6.347 | 30.5 | 12.509 | 21.0 | 9.954 | 0.494 | 0.529 | 46.9 | 0.724 | 20.9 | 1.377 | 0.331 | 13.5 | 1.416 | |
| 248274.5 | 842759.4 | 141.6 | 10.887 | 6.393 | 30.4 | 12.625 | 20.8 | 10.047 | 0.506 | 0.525 | 46.0 | 0.729 | 20.2 | 1.387 | 0.302 | 12.3 | 1.420 | |
| 248273.9 | 842758.6 | 141.5 | 10.995 | 6.440 | 30.4 | 12.742 | 20.7 | 10.140 | 0.518 | 0.520 | 45.1 | 0.735 | 19.5 | 1.398 | 0.274 | 11.1 | 1.425 | |
| 248273.3 | 842757.8 | 141.4 | 11.104 | 6.487 | 30.3 | 12.860 | 20.5 | 10.234 | 0.531 | 0.516 | 44.2 | 0.740 | 18.8 | 1.410 | 0.247 | 10.0 | 1.431 | |
| 248272.7 | 842757.0 | 141.4 | 11.214 | 6.534 | 30.2 | 12.979 | 20.3 | 10.328 | 0.544 | 0.511 | 43.2 | 0.746 | 18.2 | 1.421 | 0.222 | 8.9 | 1.438 | |
| 248272.1 | 842756.2 | 141.3 | 11.324 | 6.582 | 30.2 | 13.098 | 20.1 | 10.423 | 0.557 | 0.506 | 42.3 | 0.753 | 17.5 | 1.433 | 0.197 | 7.8 | 1.447 | |
| 248271.5 | 842755.4 | 141.2 | 11.434 | 6.629 | 30.1 | 13.217 | 19.9 | 10.518 | 0.570 | 0.501 | 41.3 | 0.759 | 16.9 | 1.445 | 0.174 | 6.9 | 1.456 | |
| 248270.9 | 842754.6 | 141.1 | 11.545 | 6.677 | 30.0 | 13.336 | 19.7 | 10.613 | 0.584 | 0.496 | 40.3 | 0.766 | 16.3 | 1.458 | 0.152 | 6.0 | 1.466 | |
| 248270.4 | 842753.8 | 141.0 | 11.659 | 6.726 | 30.0 | 13.460 | 19.5 | 10.711 | 0.597 | 0.490 | 39.4 | 0.773 | 15.8 | 1.473 | 0.133 | 5.2 | 1.479 | |
| 248269.8 | 842753.0 | 141.0 | 11.788 | 6.784 | 29.9 | 13.601 | 19.3 | 10.823 | 0.612 | 0.484 | 38.4 | 0.780 | 15.5 | 1.497 | 0.122 | 4.6 | 1.502 | |
| 248269.2 | 842752.2 | 140.9 | 11.918 | 6.841 | 29.9 | 13.742 | 19.2 | 10.936 | 0.626 | 0.478 | 37.4 | 0.788 | 15.3 | 1.521 | 0.111 | 4.2 | 1.525 | |
| 248268.6 | 842751.4 | 140.8 | 12.039 | 6.893 | 29.8 | 13.873 | 19.0 | 11.039 | 0.641 | 0.472 | 36.4 | 0.796 | 14.9 | 1.540 | 0.097 | 3.6 | 1.543 | |
| 248268.0 | 842750.6 | 140.8 | 12.145 | 6.937 | 29.7 | 13.987 | 18.8 | 11.131 | 0.655 | 0.465 | 35.4 | 0.804 | 14.3 | 1.551 | 0.077 | 2.8 | 1.553 | |
| 248267.4 | 842749.8 | 140.7 | 12.256 | 6.983 | 29.7 | 14.106 | 18.6 | 11.225 | 0.670 | 0.459 | 34.4 | 0.812 | 13.8 | 1.564 | 0.060 | 2.2 | 1.565 | |
| 248266.8 | 842749.0 | 140.6 | 12.372 | 7.032 | 29.6 | 14.231 | 18.5 | 11.324 | 0.685 | 0.452 | 33.4 | 0.820 | 13.4 | 1.580 | 0.046 | 1.7 | 1.581 | |
| 248266.2 | 842748.2 | 140.5 | 12.488 | 7.081 | 29.6 | 14.355 | 18.3 | 11.424 | 0.700 | 0.445 | 32.4 | 0.829 | 13.0 | 1.596 | 0.032 | 1.2 | 1.597 | |
| 248265.6 | 842747.3 | 140.4 | 12.603 | 7.129 | 29.5 | 14.480 | 18.1 | 11.523 | 0.715 | 0.437 | 31.4 | 0.838 | 12.6 | 1.613 | 0.020 | 0.7 | 1.613 | |
| 248265.0 | 842746.5 | 140.4 | 12.719 | 7.177 | 29.4 | 14.604 | 18.0 | 11.622 | 0.731 | 0.430 | 30.5 | 0.848 | 12.2 | 1.629 | 0.008 | 0.3 | 1.629 | |
| 248264.4 | 842745.7 | 140.3 | 12.835 | 7.224 | 29.4 | 14.728 | 17.8 | 11.720 | 0.747 | 0.422 | 29.5 | 0.858 | 11.8 | 1.645 | -0.004 | -0.1 | 1.645 | |
| 248263.8 | 842744.9 | 140.2 | 12.950 | 7.271 | 29.3 | 14.852 | 17.7 | 11.819 | 0.763 | 0.415 | 28.5 | 0.868 | 11.4 | 1.661 | -0.014 | -0.5 | 1.661 | |
| 248263.2 | 842744.1 | 140.1 | 13.066 | 7.318 | 29.3 | 14.976 | 17.5 | 11.917 | 0.779 | 0.407 | 27.6 | 0.879 | 11.1 | 1.677 | -0.024 | -0.8 | 1.677 | |
| 248262.7 | 842743.3 | 140.0 | 13.181 | 7.364 | 29.2 | 15.099 | 17.3 | 12.015 | 0.795 | 0.399 | 26.6 | 0.889 | 10.7 | 1.692 | -0.034 | -1.1 | 1.693 | |
| 248262.1 | 842742.5 | 140.0 | 13.296 | 7.410 | 29.1 | 15.222 | 17.2 | 12.113 | 0.811 | 0.391 | 25.7 | 0.901 | 10.4 | 1.707 | -0.043 | -1.4 | 1.708 | |
| 248261.5 | 842741.7 | 139.9 | 13.411 | 7.456 | 29.1 | 15.344 | 17.0 | 12.211 | 0.828 | 0.383 | 24.8 | 0.912 | 10.1 | 1.722 | -0.051 | -1.7 | 1.723 | |
| 248260.9 | 842740.9 | 139.8 | 13.530 | 7.503 | 29.0 | 15.472 | 16.9 | 12.312 | 0.845 | 0.374 | 23.9 | 0.924 | 9.8 | 1.741 | -0.058 | -1.9 | 1.742 | |
| 248260.3 | 842740.1 | 139.8 | 13.684 | 7.568 | 28.9 | 15.638 | 16.7 | 12.444 | 0.863 | 0.366 | 23.0 | 0.937 | 10.0 | 1.784 | -0.053 | -1.7 | 1.785 | |
| 248259.7 | 842739.3 | 139.7 | 13.839 | 7.633 | 28.9 | 15.804 | 16.5 | 12.577 | 0.880 | 0.358 | 22.1 | 0.950 | 10.1 | 1.828 | -0.049 | -1.5 | 1.829 | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248259.1 | 842738.5 | 139.7 | 13.988 | 7.694 | 28.8 | 15.964 | 16.4 | 12.704 | 0.898 | 0.349 | 21.3 | 0.964 | 10.1 | 1.868 | -0.046 | -1.4 | 1.869 |
| 248258.5 | 842737.7 | 139.6 | 14.109 | 7.741 | 28.8 | 16.093 | 16.2 | 12.807 | 0.916 | 0.341 | 20.4 | 0.977 | 9.9 | 1.889 | -0.052 | -1.6 | 1.889 |
| 248257.9 | 842736.9 | 139.5 | 14.200 | 7.773 | 28.7 | 16.188 | 16.1 | 12.882 | 0.932 | 0.332 | 19.6 | 0.990 | 9.4 | 1.886 | -0.064 | -2.0 | 1.887 |
| 248257.3 | 842736.1 | 139.4 | 14.288 | 7.802 | 28.6 | 16.279 | 16.0 | 12.954 | 0.949 | 0.322 | 18.8 | 1.003 | 8.9 | 1.880 | -0.077 | -2.3 | 1.882 |
| 248256.7 | 842735.3 | 139.3 | 14.382 | 7.834 | 28.6 | 16.377 | 15.8 | 13.033 | 0.967 | 0.313 | 18.0 | 1.016 | 8.5 | 1.879 | -0.087 | -2.7 | 1.881 |
| 248256.1 | 842734.5 | 139.2 | 14.475 | 7.866 | 28.5 | 16.475 | 15.7 | 13.110 | 0.984 | 0.304 | 17.2 | 1.030 | 8.1 | 1.876 | -0.097 | -2.9 | 1.879 |
| 248255.5 | 842733.7 | 139.1 | 14.568 | 7.897 | 28.5 | 16.571 | 15.6 | 13.187 | 1.001 | 0.295 | 16.4 | 1.044 | 7.7 | 1.873 | -0.105 | -3.2 | 1.876 |
| 248254.9 | 842732.8 | 139.0 | 14.661 | 7.928 | 28.4 | 16.667 | 15.4 | 13.263 | 1.019 | 0.285 | 15.6 | 1.058 | 7.3 | 1.869 | -0.113 | -3.5 | 1.872 |
| 248254.4 | 842732.0 | 138.9 | 14.752 | 7.958 | 28.3 | 16.762 | 15.3 | 13.339 | 1.036 | 0.276 | 14.9 | 1.072 | 7.0 | 1.863 | -0.121 | -3.7 | 1.867 |
| 248253.8 | 842731.2 | 138.8 | 14.843 | 7.988 | 28.3 | 16.856 | 15.2 | 13.414 | 1.054 | 0.266 | 14.2 | 1.087 | 6.6 | 1.856 | -0.127 | -3.9 | 1.860 |
| 248253.2 | 842730.4 | 138.7 | 14.933 | 8.017 | 28.2 | 16.949 | 15.0 | 13.488 | 1.072 | 0.256 | 13.4 | 1.102 | 6.3 | 1.847 | -0.133 | -4.1 | 1.852 |
| 248252.6 | 842729.6 | 138.6 | 15.023 | 8.045 | 28.2 | 17.042 | 14.9 | 13.561 | 1.090 | 0.247 | 12.7 | 1.117 | 6.0 | 1.837 | -0.139 | -4.3 | 1.842 |
| 248252.0 | 842728.8 | 138.6 | 15.112 | 8.073 | 28.1 | 17.133 | 14.8 | 13.634 | 1.108 | 0.237 | 12.1 | 1.133 | 5.7 | 1.826 | -0.144 | -4.5 | 1.831 |
| 248251.4 | 842728.0 | 138.5 | 15.200 | 8.100 | 28.1 | 17.224 | 14.7 | 13.706 | 1.126 | 0.227 | 11.4 | 1.149 | 5.4 | 1.812 | -0.148 | -4.7 | 1.818 |
| 248250.8 | 842727.2 | 138.4 | 15.288 | 8.128 | 28.0 | 17.315 | 14.5 | 13.778 | 1.144 | 0.217 | 10.7 | 1.165 | 5.1 | 1.798 | -0.151 | -4.8 | 1.804 |
| 248250.2 | 842726.4 | 138.3 | 15.380 | 8.156 | 27.9 | 17.409 | 14.4 | 13.853 | 1.163 | 0.207 | 10.1 | 1.181 | 4.9 | 1.785 | -0.154 | -4.9 | 1.791 |
| 248249.6 | 842725.6 | 138.2 | 15.470 | 8.184 | 27.9 | 17.502 | 14.3 | 13.927 | 1.182 | 0.197 | 9.5 | 1.198 | 4.6 | 1.769 | -0.156 | -5.0 | 1.776 |
| 248249.0 | 842724.8 | 138.1 | 15.560 | 8.211 | 27.8 | 17.594 | 14.2 | 14.001 | 1.201 | 0.188 | 8.9 | 1.215 | 4.4 | 1.752 | -0.157 | -5.1 | 1.759 |
| 248248.4 | 842724.0 | 138.0 | 15.650 | 8.238 | 27.8 | 17.686 | 14.1 | 14.074 | 1.220 | 0.178 | 8.3 | 1.233 | 4.2 | 1.732 | -0.158 | -5.2 | 1.739 |
| 248247.8 | 842723.2 | 137.9 | 15.747 | 8.268 | 27.7 | 17.786 | 13.9 | 14.153 | 1.240 | 0.168 | 7.7 | 1.251 | 4.0 | 1.718 | -0.157 | -5.2 | 1.725 |
| 248247.2 | 842722.4 | 137.9 | 15.864 | 8.308 | 27.6 | 17.908 | 13.8 | 14.251 | 1.260 | 0.158 | 7.1 | 1.270 | 3.9 | 1.720 | -0.154 | -5.1 | 1.726 |
| 248246.7 | 842721.6 | 137.8 | 15.981 | 8.347 | 27.6 | 18.029 | 13.7 | 14.347 | 1.280 | 0.148 | 6.6 | 1.289 | 3.8 | 1.720 | -0.150 | -5.0 | 1.726 |
| 248246.1 | 842720.8 | 137.7 | 16.097 | 8.385 | 27.5 | 18.150 | 13.5 | 14.444 | 1.301 | 0.139 | 6.1 | 1.308 | 3.7 | 1.717 | -0.147 | -4.9 | 1.724 |
| 248245.5 | 842720.0 | 137.6 | 16.213 | 8.423 | 27.5 | 18.271 | 13.4 | 14.539 | 1.322 | 0.129 | 5.6 | 1.328 | 3.7 | 1.713 | -0.144 | -4.8 | 1.719 |
| 248244.9 | 842719.2 | 137.6 | 16.326 | 8.459 | 27.4 | 18.387 | 13.3 | 14.632 | 1.343 | 0.119 | 5.1 | 1.348 | 3.5 | 1.704 | -0.140 | -4.7 | 1.709 |
| 248244.3 | 842718.3 | 137.5 | 16.438 | 8.494 | 27.3 | 18.503 | 13.2 | 14.724 | 1.364 | 0.110 | 4.6 | 1.369 | 3.4 | 1.692 | -0.137 | -4.6 | 1.697 |
| 248243.7 | 842717.5 | 137.4 | 16.550 | 8.529 | 27.3 | 18.619 | 13.0 | 14.816 | 1.386 | 0.100 | 4.1 | 1.390 | 3.3 | 1.677 | -0.134 | -4.6 | 1.683 |
| 248243.1 | 842716.7 | 137.4 | 16.661 | 8.564 | 27.2 | 18.733 | 12.9 | 14.908 | 1.408 | 0.091 | 3.7 | 1.411 | 3.2 | 1.661 | -0.130 | -4.5 | 1.666 |
| 248242.5 | 842715.9 | 137.3 | 16.772 | 8.598 | 27.1 | 18.848 | 12.8 | 14.998 | 1.431 | 0.082 | 3.3 | 1.433 | 3.1 | 1.641 | -0.126 | -4.4 | 1.646 |
| 248241.9 | 842715.1 | 137.2 | 16.890 | 8.635 | 27.1 | 18.969 | 12.7 | 15.095 | 1.453 | 0.073 | 2.9 | 1.455 | 3.0 | 1.626 | -0.122 | -4.3 | 1.630 |
| 248241.3 | 842714.3 | 137.2 | 17.021 | 8.677 | 27.0 | 19.106 | 12.6 | 15.204 | 1.477 | 0.065 | 2.5 | 1.478 | 2.9 | 1.622 | -0.118 | -4.1 | 1.627 |
| 248240.7 | 842713.5 | 137.1 | 17.153 | 8.720 | 26.9 | 19.242 | 12.4 | 15.312 | 1.500 | 0.057 | 2.2 | 1.501 | 2.8 | 1.617 | -0.113 | -4.0 | 1.621 |
| 248240.1 | 842712.7 | 137.1 | 17.331 | 8.782 | 26.9 | 19.429 | 12.3 | 15.461 | 1.525 | 0.052 | 2.0 | 1.526 | 2.9 | 1.656 | -0.108 | -3.7 | 1.660 |
| 248239.5 | 842711.9 | 137.1 | 17.516 | 8.847 | 26.8 | 19.623 | 12.1 | 15.615 | 1.550 | 0.049 | 1.8 | 1.550 | 3.0 | 1.702 | -0.103 | -3.5 | 1.705 |
| 248239.0 | 842711.1 | 137.1 | 17.702 | 8.911 | 26.7 | 19.818 | 12.0 | 15.771 | 1.575 | 0.049 | 1.8 | 1.575 | 3.1 | 1.747 | -0.100 | -3.3 | 1.749 |
| 248238.4 | 842710.3 | 137.0 | 17.889 | 8.976 | 26.6 | 20.014 | 11.8 | 15.927 | 1.600 | 0.050 | 1.8 | 1.601 | 3.1 | 1.791 | -0.097 | -3.1 | 1.794 |
| 248237.8 | 842709.5 | 137.0 | 18.056 | 9.031 | 26.6 | 20.189 | 11.7 | 16.066 | 1.625 | 0.053 | 1.9 | 1.626 | 3.1 | 1.816 | -0.094 | -3.0 | 1.818 |
| 248237.2 | 842708.7 | 137.0 | 18.223 | 9.086 | 26.5 | 20.363 | 11.6 | 16.204 | 1.651 | 0.058 | 2.0 | 1.652 | 3.1 | 1.838 | -0.093 | -2.9 | 1.840 |
| 248236.6 | 842707.9 | 136.9 | 18.391 | 9.140 | 26.4 | 20.537 | 11.4 | 16.343 | 1.676 | 0.063 | 2.2 | 1.678 | 3.1 | 1.859 | -0.091 | -2.8 | 1.862 |
| 248236.0 | 842707.1 | 136.9 | 18.559 | 9.194 | 26.4 | 20.711 | 11.3 | 16.482 | 1.702 | 0.070 | 2.4 | 1.704 | 3.0 | 1.880 | -0.090 | -2.8 | 1.883 |
| 248235.4 | 842706.3 | 136.9 | 18.718 | 9.244 | 26.3 | 20.876 | 11.2 | 16.613 | 1.728 | 0.078 | 2.6 | 1.730 | 3.0 | 1.891 | -0.090 | -2.7 | 1.893 |
| 248234.8 | 842705.5 | 136.8 | 18.847 | 9.281 | 26.2 | 21.009 | 11.1 | 16.718 | 1.754 | 0.085 | 2.8 | 1.756 | 2.9 | 1.870 | -0.088 | -2.7 | 1.872 |
| 248234.2 | 842704.7 | 136.7 | 18.977 | 9.317 | 26.1 | 21.140 | 10.9 | 16.823 | 1.779 | 0.093 | 3.0 | 1.782 | 2.7 | 1.846 | -0.086 | -2.7 | 1.848 |
| 248233.6 | 842703.8 | 136.7 | 19.106 | 9.353 | 26.1 | 21.272 | 10.8 | 16.928 | 1.805 | 0.101 | 3.2 | 1.808 | 2.6 | 1.821 | -0.084 | -2.6 | 1.823 |
| 248233.0 | 842703.0 | 136.6 | 19.234 | 9.388 | 26.0 | 21.403 | 10.7 | 17.032 | 1.831 | 0.110 | 3.4 | 1.834 | 2.5 | 1.793 | -0.082 | -2.6 | 1.795 |
| 248232.4 | 842702.2 | 136.6 | 19.366 | 9.425 | 26.0 | 21.537 | 10.6 | 17.139 | 1.858 | 0.119 | 3.7 | 1.861 | 2.4 | 1.766 | -0.079 | -2.6 | 1.768 |
| 248231.8 | 842701.4 | 136.5 | 19.516 | 9.468 | 25.9 | 21.691 | 10.5 | 17.261 | 1.884 | 0.128 | 3.9 | 1.889 | 2.3 | 1.757 | -0.078 | -2.5 | 1.759 |
| 248231.3 | 842700.6 | 136.5 | 19.666 | 9.511 | 25.8 | 21.845 | 10.4 | 17.384 | 1.912 | 0.138 | 4.1 | 1.917 | 2.2 | 1.745 | -0.077 | -2.5 | 1.747 |
| 248230.7 | 842699.8 | 136.4 | 19.816 | 9.554 | 25.7 | 21.999 | 10.3 | 17.506 | 1.939 | 0.148 | 4.4 | 1.945 | 2.1 | 1.731 | -0.075 | -2.5 | 1.733 |
| 248230.1 | 842699.0 | 136.4 | 19.966 | 9.596 | 25.7 | 22.152 | 10.1 | 17.628 | 1.967 | 0.158 | 4.6 | 1.974 | 2.0 | 1.715 | -0.074 | -2.5 | 1.716 |
| 248229.5 | 842698.2 | 136.3 | 20.116 | 9.638 | 25.6 | 22.306 | 10.0 | 17.751 | 1.996 | 0.168 | 4.8 | 2.003 | 1.9 | 1.695 | -0.072 | -2.4 | 1.697 |
| 248228.9 | 842697.4 | 136.3 | 20.267 | 9.680 | 25.5 | 22.460 | 9.9 | 17.873 | 2.025 | 0.178 | 5.0 | 2.033 | 1.8 | 1.673 | -0.070 | -2.4 | 1.674 |
| 248228.3 | 842696.6 | 136.3 | 20.417 | 9.721 | 25.5 | 22.613 | 9.8 | 17.995 | 2.054 | 0.188 | 5.2 | 2.063 | 1.7 | 1.647 | -0.068 | -2.4 | 1.648 |
| 248227.7 | 842695.8 | 136.2 | 20.602 | 9.775 | 25.4 | 22.803 | 9.7 | 18.146 | 2.085 | 0.199 | 5.5 | 2.095 | 1.7 | 1.656 | -0.069 | -2.4 | 1.657 |
| 248227.1 | 842695.0 | 136.2 | 20.842 | 9.851 | 25.3 | 23.053 | 9.5 | 18.345 | 2.117 | 0.210 | 5.7 | 2.127 | 1.7 | 1.723 | -0.076 | -2.5 | 1.725 |
| 248226.5 | 842694.2 | 136.2 | 21.085 | 9.926 | 25.2 | 23.305 | 9.4 | 18.545 | 2.150 | 0.222 | 5.9 | 2.161 | 1.7 | 1.790 | -0.084 | -2.7 | 1.792 |
| 248225.9 | 842693.4 | 136.2 | 21.330 | 10.001 | 25.1 | 23.559 | 9.2 | 18.747 | 2.183 | 0.233 | 6.1 | 2.195 | 1.7 | 1.856 | -0.093 | -2.9 | 1.859 |
| 248225.3 | 842692.6 | 136.2 | 21.578 | 10.077 | 25.0 | 23.815 | 9.1 | 18.951 | 2.217 | 0.245 | 6.3 | 2.230 | 1.7 | 1.921 | -0.102 | -3.0 | 1.924 |
| 248224.7 | 842691.8 | 136.2 | 21.821 | 10.150 | 24.9 | 24.066 | 9.0 | 19.151 | 2.251 | 0.256 | 6.5 | 2.265 | 1.6 | 1.979 | -0.111 | -3.2 | 1.982 |
| 248224.1 | 842691.0 | 136.2 | 22.040 | 10.213 | 24.9 | 24.291 | 8.8 | 19.330 | 2.285 | 0.267 | 6.7 | 2.301 | 1.6 | 2.006 | -0.117 | -3.3 | 2.010 |
| 248223.5 | 842690.1 | 136.2 | 22.261 | 10.276 | 24.8 | 24.519 | 8.7 | 19.511 | 2.320 | 0.279 | 6.8 | 2.337 | 1.6 | 2.032 | -0.124 | -3.5 | 2.036 |
| 248223.0 | 842689.3 | 136.2 | 22.484 | 10.339 | 24.7 | 24.747 | 8.6 | 19.693 | 2.356 | 0.290 | 7.0 | 2.373 | 1.5 | 2.056 | -0.130 | -3.6 | 2.060 |
| 248222.4 | 842688.5 | 136.2 | 22.712 | 10.403 | 24.6 | 24.982 | 8.5 | 19.880 | 2.392 | 0.301 | 7.2 | 2.411 | 1.5 | 2.083 | -0.137 | -3.8 | 2.088 |
| 248221.8 | 842687.7 | 136.2 | 22.944 | 10.468 | 24.5 | 25.219 | 8.3 | 20.069 | 2.428 | 0.313 | 7.3 | 2.448 | 1.4 | 2.111 | -0.144 | -3.9 | 2.116 |
| 248221.2 | 842686.9 | 136.2 | 23.178 | 10.533 | 24.4 | 25.459 | 8.2 | 20.259 | 2.465 | 0.324 | 7.5 | 2.487 | 1.4 | 2.137 | -0.152 | -4.1 | 2.143 |
| 248220.6 | 842686.1 | 136.2 | 23.413 | 10.598 | 24.4 | 25.700 | 8.1 | 20.451 | 2.503 | 0.336 | 7.6 | 2.525 | 1.3 | 2.162 | -0.159 | -4.2 | 2.168 |
| 248220.0 | 842685.3 | 136.1 | 23.650 | 10.663 | 24.3 | 25.943 | 7.9 | 20.644 | 2.541 | 0.347 | 7.8 | 2.565 | 1.2 | 2.185 | -0.167 | -4.4 | 2.192 |
| 248219.4 | 842684.5 | 136.1 | 23.889 | 10.727 | 24.2 | 26.187 | 7.8 | 20.839 | 2.580 | 0.359 | 7.9 | 2.605 | 1.2 | 2.207 | -0.174 | -4.5 | 2.214 |
| 248218.8 | 842683.7 | 136.1 | 24.130 | 10.792 | 24.1 | 26.433 | 7.7 | 21.035 | 2.619 | 0.371 | 8.1 | 2.645 | 1.1 | 2.228 | -0.182 | -4.7 | 2.235 |
| 248218.2 | 842682.9 | 136.1 | 24.373 | 10.856 | 24.0 | 26.681 | 7.6 | 21.232 | 2.659 | 0.382 | 8.2 | 2.686 | 1.1 | 2.248 | -0.189 | -4.8 | 2.256 |
| 248217.6 | 842682.1 | 136.1 | 24.649 | 10.932 | 23.9 | 26.965 | 7.4 | 21.458 | 2.700 | 0.394 | 8.3 | 2.729 | 1.1 | 2.302 | -0.202 | -5.0 | 2.311 |
| 248217.0 | 842681.3 | 136.1 | 24.939 | 11.011 | 23.8 | 27.262 | 7.3 | 21.694 | 2.742 | 0.406 | 8.4 | 2.772 | 1.0 | 2.368 | -0.217 | -5.2 | 2.378 |
| 248216.4 | 842680.5 | 136.2 | 25.277 | 11.105 | 23.7 | 27.609 | 7.2 | 21.971 | 2.785 | 0.418 | 8.5 | 2.816 | 1.0 | 2.485 | -0.239 | -5.5 | 2.496 |
| 248215.8 | 842679.7 | 136.2 | 25.620 | 11.200 | 23.6 | 27.961 | 7.0 | 22.251 | 2.828 | 0.431 | 8.7 | 2.861 | 1.0 | 2.604 | -0.263 | -5.8 | 2.618 |
| 248215.3 | 842678.9 | 136.2 | 25.969 | 11.295 | 23.5 | 28.319 | 6.9 | 22.535 | 2.872 | 0.443 | 8.8 | 2.906 | 1.0 | 2.727 | -0.287 | -6.0 | 2.742 |
| 248214.7 | 842678.1 | 136.2 | 26.322 | 11.391 | 23.4 | 28.681 | 6.7 | 22.824 | 2.916 | 0.455 | 8.9 | 2.952 | 1.0 | 2.852 | -0.312 | -6.2 | 2.869 |
| 248214.1 | 842677.3 | 136.3 | 26.681 | 11.487 | 23.3 | 29.049 | 6.6 | 23.117 | 2.961 | 0.468 | 9.0 | 2.998 | 1.0 | 2.980 | -0.338 | -6.5 | 2.999 |
| 248213.5 | 842676.5 | 136.3 | 27.045 | 11.584 | 23.2 | 29.421 | 6.4 | 23.413 | 3.006 | 0.480 | 9.1 | 3.044 | 1.0 | 3.111 | -0.364 | -6.7 | 3.132 |
| 248212.9 | 842675.6 | 136.3 | 27.409 | 11.679 | 23.1 | 29.794 | 6.3 | 23.709 | 3.052 | 0.492 | 9.2 | 3.091 | 0.9 | 3.240 | -0.390 | -6.9 | 3.263 |
| 248212.3 | 842674.8 | 136.3 | 27.684 | 11.745 | 23.0 | 30.073 | 6.2 | 23.931 | 3.096 | 0.504 | 9.2 | 3.137 | 0.9 | 3.268 | -0.400 | -7.0 | 3.292 |
| 248211.7 | 842674.0 | 136.3 | 27.921 | 11.798 | 22.9 | 30.312 | 6.1 | 24.121 | 3.139 | 0.516 | 9.3 | 3.181 | 0.8 | 3.252 | -0.402 | -7.0 | 3.277 |
| 248211.1 | 842673.2 | 136.3 | 28.160 | 11.851 | 22.8 | 30.552 | 6.0 | 24.313 | 3.183 | 0.527 | 9.4 | 3.226 | 0.8 | 3.236 | -0.403 | -7.1 | 3.261 |
| 248210.5 | 842672.4 | 136.2 | 28.400 | 11.904 | 22.7 | 30.794 | 5.9 | 24.505 | 3.227 | 0.539 | 9.5 | 3.272 | 0.7 | 3.220 | -0.404 | -7.2 | 3.245 |
| 248209.9 | 842671.6 | 136.2 | 28.642 | 11.956 | 22.7 | 31.037 | 5.8 | 24.699 | 3.271 | 0.551 | 9.6 | 3.317 | 0.7 | 3.203 | -0.404 | -7.2 | 3.228 |
| 248209.3 | 842670.8 | 136.2 | 28.863 | 12.002 | 22.6 | 31.259 | 5.7 | 24.875 | 3.316 | 0.562 | 9.6 | 3.363 | 0.7 | 3.161 | -0.400 | -7.2 | 3.186 |
| 248208.7 | 842670.0 | 136.1 | 29.061 | 12.041 | 22.5 | 31.457 | 5.6 | 25.032 | 3.360 | 0.574 | 9.7 | 3.409 | 0.6 | 3.090 | -0.390 | -7.2 | 3.115 |
| 248208.1 | 842669.2 | 136.1 | 29.291 | 12.088 | 22.4 | 31.687 | 5.5 | 25.216 | 3.405 | 0.586 | 9.8 | 3.455 | 0.6 | 3.052 | -0.386 | -7.2 | 3.076 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248207.6 | 842668.4 | 136.1 | 29.522 | 12.136 | 22.3 | 31.919 | 5.4 | 25.400 | 3.452 | 0.597 | 9.8 | 3.503 | 0.6 | 3.011 | -0.381 | -7.2 | 3.035 |
| 248207.0 | 842667.6 | 136.0 | 29.754 | 12.183 | 22.3 | 32.151 | 5.3 | 25.585 | 3.498 | 0.609 | 9.9 | 3.551 | 0.5 | 2.969 | -0.376 | -7.2 | 2.993 |
| 248206.4 | 842666.8 | 136.0 | 30.020 | 12.240 | 22.2 | 32.420 | 5.2 | 25.799 | 3.546 | 0.621 | 9.9 | 3.600 | 0.5 | 2.962 | -0.377 | -7.3 | 2.986 |
| 248205.8 | 842666.0 | 136.0 | 30.373 | 12.321 | 22.1 | 32.777 | 5.1 | 26.083 | 3.597 | 0.633 | 10.0 | 3.652 | 0.6 | 3.047 | -0.395 | -7.4 | 3.072 |
| 248205.2 | 842665.2 | 136.0 | 30.730 | 12.403 | 22.0 | 33.139 | 5.0 | 26.371 | 3.648 | 0.645 | 10.0 | 3.704 | 0.6 | 3.133 | -0.413 | -7.5 | 3.160 |
| 248204.6 | 842664.4 | 136.0 | 31.093 | 12.486 | 21.9 | 33.506 | 4.9 | 26.663 | 3.699 | 0.656 | 10.1 | 3.757 | 0.6 | 3.221 | -0.432 | -7.6 | 3.250 |
| 248204.0 | 842663.6 | 136.1 | 31.515 | 12.584 | 21.8 | 33.934 | 4.8 | 27.004 | 3.753 | 0.668 | 10.1 | 3.812 | 0.6 | 3.371 | -0.462 | -7.8 | 3.402 |
| 248203.4 | 842662.8 | 136.1 | 31.953 | 12.686 | 21.7 | 34.379 | 4.6 | 27.358 | 3.808 | 0.680 | 10.1 | 3.868 | 0.7 | 3.535 | -0.496 | -8.0 | 3.569 |
| 248202.8 | 842662.0 | 136.1 | 32.400 | 12.788 | 21.5 | 34.832 | 4.5 | 27.719 | 3.863 | 0.692 | 10.2 | 3.924 | 0.7 | 3.704 | -0.531 | -8.2 | 3.742 |
| 248202.2 | 842661.1 | 136.1 | 32.841 | 12.887 | 21.4 | 35.279 | 4.4 | 28.074 | 3.918 | 0.703 | 10.2 | 3.981 | 0.7 | 3.863 | -0.564 | -8.3 | 3.904 |
| 248201.6 | 842660.3 | 136.1 | 33.238 | 12.973 | 21.3 | 35.680 | 4.3 | 28.393 | 3.973 | 0.717 | 10.2 | 4.037 | 0.8 | 3.993 | -0.598 | -8.5 | 4.038 |
| 248201.0 | 842659.5 | 136.1 | 33.565 | 13.039 | 21.2 | 36.009 | 4.2 | 28.655 | 4.026 | 0.728 | 10.2 | 4.092 | 0.8 | 4.027 | -0.609 | -8.6 | 4.073 |
| 248200.4 | 842658.7 | 136.1 | 33.889 | 13.104 | 21.1 | 36.335 | 4.1 | 28.914 | 4.080 | 0.739 | 10.3 | 4.146 | 0.8 | 4.057 | -0.620 | -8.7 | 4.104 |
| 248199.8 | 842657.9 | 136.1 | 34.217 | 13.168 | 21.0 | 36.664 | 4.0 | 29.176 | 4.134 | 0.749 | 10.3 | 4.201 | 0.8 | 4.091 | -0.631 | -8.8 | 4.139 |
| 248199.3 | 842657.1 | 136.1 | 34.544 | 13.232 | 21.0 | 36.992 | 3.9 | 29.437 | 4.188 | 0.760 | 10.3 | 4.256 | 0.8 | 4.123 | -0.641 | -8.8 | 4.172 |
| 248198.7 | 842656.3 | 136.1 | 34.867 | 13.294 | 20.9 | 37.316 | 3.8 | 29.695 | 4.242 | 0.771 | 10.3 | 4.311 | 0.9 | 4.151 | -0.652 | -8.9 | 4.202 |
| 248198.1 | 842655.5 | 136.1 | 35.194 | 13.356 | 20.8 | 37.643 | 3.7 | 29.955 | 4.296 | 0.781 | 10.3 | 4.366 | 0.9 | 4.184 | -0.663 | -9.0 | 4.236 |
| 248197.5 | 842654.7 | 136.0 | 35.541 | 13.423 | 20.7 | 37.991 | 3.7 | 30.233 | 4.350 | 0.791 | 10.3 | 4.421 | 0.9 | 4.240 | -0.678 | -9.1 | 4.294 |
| 248196.9 | 842653.9 | 136.0 | 35.925 | 13.498 | 20.6 | 38.377 | 3.6 | 30.540 | 4.405 | 0.801 | 10.3 | 4.477 | 0.9 | 4.336 | -0.701 | -9.2 | 4.392 |
| 248196.3 | 842653.1 | 136.0 | 36.314 | 13.573 | 20.5 | 38.768 | 3.5 | 30.850 | 4.460 | 0.811 | 10.3 | 4.533 | 0.9 | 4.438 | -0.726 | -9.3 | 4.497 |
| 248195.7 | 842652.3 | 136.0 | 36.707 | 13.649 | 20.4 | 39.163 | 3.4 | 31.165 | 4.515 | 0.821 | 10.3 | 4.589 | 1.0 | 4.547 | -0.751 | -9.4 | 4.609 |
| 248195.1 | 842651.5 | 136.0 | 37.097 | 13.723 | 20.3 | 39.554 | 3.3 | 31.476 | 4.570 | 0.831 | 10.3 | 4.644 | 1.0 | 4.655 | -0.776 | -9.5 | 4.720 |
| 248194.5 | 842650.7 | 136.0 | 37.483 | 13.795 | 20.2 | 39.941 | 3.2 | 31.784 | 4.623 | 0.840 | 10.3 | 4.699 | 1.0 | 4.764 | -0.801 | -9.5 | 4.831 |
| 248193.9 | 842649.9 | 136.0 | 37.874 | 13.868 | 20.1 | 40.333 | 3.1 | 32.096 | 4.676 | 0.849 | 10.3 | 4.753 | 1.0 | 4.881 | -0.828 | -9.6 | 4.951 |
| 248193.3 | 842649.1 | 136.0 | 38.269 | 13.940 | 20.0 | 40.729 | 3.1 | 32.411 | 4.729 | 0.858 | 10.3 | 4.806 | 1.0 | 5.009 | -0.855 | -9.7 | 5.081 |
| 248192.7 | 842648.3 | 136.0 | 38.608 | 13.998 | 19.9 | 41.067 | 3.0 | 32.680 | 4.779 | 0.867 | 10.3 | 4.857 | 1.1 | 5.085 | -0.873 | -9.7 | 5.159 |
| 248192.1 | 842647.5 | 135.9 | 38.817 | 14.025 | 19.9 | 41.273 | 2.9 | 32.844 | 4.825 | 0.876 | 10.3 | 4.904 | 1.0 | 5.038 | -0.868 | -9.8 | 5.112 |
| 248191.6 | 842646.6 | 135.9 | 39.026 | 14.051 | 19.8 | 41.479 | 2.9 | 33.008 | 4.870 | 0.884 | 10.3 | 4.949 | 1.0 | 4.999 | -0.863 | -9.8 | 5.072 |
| 248191.0 | 842645.8 | 135.8 | 39.235 | 14.077 | 19.7 | 41.684 | 2.9 | 33.171 | 4.913 | 0.892 | 10.3 | 4.994 | 1.0 | 4.967 | -0.859 | -9.8 | 5.040 |
| 248190.4 | 842645.0 | 135.8 | 39.471 | 14.109 | 19.7 | 41.917 | 2.8 | 33.356 | 4.956 | 0.899 | 10.3 | 5.037 | 1.0 | 4.971 | -0.861 | -9.8 | 5.045 |
| 248189.8 | 842644.2 | 135.8 | 39.756 | 14.153 | 19.6 | 42.200 | 2.8 | 33.582 | 4.999 | 0.907 | 10.3 | 5.081 | 1.0 | 5.033 | -0.873 | -9.8 | 5.109 |
| 248189.2 | 842643.4 | 135.7 | 40.060 | 14.200 | 19.5 | 42.502 | 2.7 | 33.822 | 5.041 | 0.915 | 10.3 | 5.124 | 1.1 | 5.123 | -0.890 | -9.9 | 5.199 |
| 248188.6 | 842642.6 | 135.7 | 40.365 | 14.247 | 19.4 | 42.805 | 2.7 | 34.063 | 5.082 | 0.922 | 10.3 | 5.165 | 1.1 | 5.222 | -0.908 | -9.9 | 5.300 |
| 248188.0 | 842641.8 | 135.7 | 40.671 | 14.294 | 19.4 | 43.110 | 2.6 | 34.306 | 5.122 | 0.929 | 10.3 | 5.205 | 1.1 | 5.330 | -0.927 | -9.9 | 5.410 |
| 248187.4 | 842641.0 | 135.6 | 40.979 | 14.341 | 19.3 | 43.416 | 2.6 | 34.549 | 5.161 | 0.936 | 10.3 | 5.245 | 1.1 | 5.448 | -0.948 | -9.9 | 5.530 |
| 248186.8 | 842640.2 | 135.6 | 41.126 | 14.351 | 19.2 | 43.558 | 2.6 | 34.662 | 5.194 | 0.942 | 10.3 | 5.279 | 1.1 | 5.418 | -0.940 | -9.8 | 5.499 |
| 248186.2 | 842639.4 | 135.5 | 41.205 | 14.346 | 19.2 | 43.631 | 2.5 | 34.721 | 5.225 | 0.948 | 10.3 | 5.311 | 1.1 | 5.328 | -0.922 | -9.8 | 5.407 |
| 248185.6 | 842638.6 | 135.4 | 41.291 | 14.342 | 19.2 | 43.711 | 2.5 | 34.784 | 5.256 | 0.954 | 10.3 | 5.342 | 1.1 | 5.252 | -0.906 | -9.8 | 5.330 |
| 248185.0 | 842637.8 | 135.4 | 41.403 | 14.344 | 19.1 | 43.817 | 2.5 | 34.869 | 5.287 | 0.960 | 10.3 | 5.373 | 1.1 | 5.209 | -0.896 | -9.8 | 5.286 |
| 248184.4 | 842637.0 | 135.3 | 41.512 | 14.346 | 19.1 | 43.921 | 2.5 | 34.951 | 5.317 | 0.965 | 10.3 | 5.404 | 1.1 | 5.170 | -0.888 | -9.7 | 5.245 |
| 248183.9 | 842636.2 | 135.2 | 41.618 | 14.347 | 19.0 | 44.021 | 2.5 | 35.031 | 5.348 | 0.971 | 10.3 | 5.435 | 1.1 | 5.134 | -0.880 | -9.7 | 5.209 |
| 248183.3 | 842635.4 | 135.2 | 41.721 | 14.348 | 19.0 | 44.119 | 2.5 | 35.109 | 5.378 | 0.976 | 10.3 | 5.465 | 1.1 | 5.101 | -0.873 | -9.7 | 5.175 |
| 248182.7 | 842634.6 | 135.1 | 42.031 | 14.394 | 18.9 | 44.427 | 2.4 | 35.354 | 5.413 | 0.980 | 10.3 | 5.501 | 1.2 | 5.277 | -0.905 | -9.7 | 5.354 |
| 248182.1 | 842633.8 | 135.1 | 42.345 | 14.440 | 18.8 | 44.740 | 2.4 | 35.603 | 5.448 | 0.985 | 10.2 | 5.537 | 1.2 | 5.463 | -0.939 | -9.8 | 5.543 |
| 248181.5 | 842633.0 | 135.1 | 42.662 | 14.487 | 18.8 | 45.055 | 2.4 | 35.853 | 5.483 | 0.990 | 10.2 | 5.571 | 1.3 | 5.657 | -0.975 | -9.8 | 5.740 |
| 248180.9 | 842632.1 | 135.1 | 42.980 | 14.533 | 18.7 | 45.371 | 2.3 | 36.105 | 5.517 | 0.994 | 10.2 | 5.605 | 1.3 | 5.859 | -1.011 | -9.8 | 5.945 |
| 248180.3 | 842631.3 | 135.0 | 43.161 | 14.550 | 18.6 | 45.548 | 2.3 | 36.246 | 5.545 | 0.998 | 10.2 | 5.634 | 1.3 | 5.938 | -1.026 | -9.8 | 6.026 |
| 248179.7 | 842630.5 | 134.9 | 43.270 | 14.552 | 18.6 | 45.652 | 2.3 | 36.328 | 5.569 | 1.002 | 10.2 | 5.659 | 1.3 | 5.958 | -1.029 | -9.8 | 6.046 |
| 248179.1 | 842629.7 | 134.9 | 43.376 | 14.552 | 18.5 | 45.752 | 2.3 | 36.408 | 5.592 | 1.005 | 10.2 | 5.682 | 1.3 | 5.985 | -1.033 | -9.8 | 6.074 |
| 248178.5 | 842628.9 | 134.8 | 43.478 | 14.553 | 18.5 | 45.849 | 2.3 | 36.485 | 5.612 | 1.008 | 10.2 | 5.702 | 1.3 | 6.021 | -1.037 | -9.8 | 6.109 |
| 248177.9 | 842628.1 | 134.7 | 43.468 | 14.529 | 18.5 | 45.832 | 2.3 | 36.472 | 5.627 | 1.012 | 10.2 | 5.717 | 1.3 | 5.960 | -1.024 | -9.7 | 6.048 |
| 248177.3 | 842627.3 | 134.6 | 43.421 | 14.499 | 18.5 | 45.778 | 2.3 | 36.429 | 5.639 | 1.015 | 10.2 | 5.729 | 1.2 | 5.877 | -1.006 | -9.7 | 5.963 |
| 248176.7 | 842626.5 | 134.6 | 43.371 | 14.468 | 18.4 | 45.720 | 2.3 | 36.383 | 5.648 | 1.017 | 10.2 | 5.739 | 1.2 | 5.801 | -0.988 | -9.7 | 5.885 |
| 248176.1 | 842625.7 | 134.5 | 43.316 | 14.436 | 18.4 | 45.658 | 2.3 | 36.334 | 5.656 | 1.020 | 10.2 | 5.747 | 1.2 | 5.732 | -0.971 | -9.6 | 5.814 |
| 248175.6 | 842624.9 | 134.4 | 43.257 | 14.403 | 18.4 | 45.592 | 2.4 | 36.281 | 5.662 | 1.022 | 10.2 | 5.754 | 1.2 | 5.670 | -0.955 | -9.6 | 5.750 |
| 248175.0 | 842624.1 | 134.3 | 43.194 | 14.370 | 18.4 | 45.522 | 2.4 | 36.225 | 5.667 | 1.025 | 10.2 | 5.759 | 1.2 | 5.613 | -0.940 | -9.5 | 5.691 |
| 248174.4 | 842623.3 | 134.2 | 43.127 | 14.336 | 18.4 | 45.448 | 2.4 | 36.166 | 5.670 | 1.027 | 10.3 | 5.763 | 1.2 | 5.561 | -0.925 | -9.4 | 5.637 |
| 248173.8 | 842622.5 | 134.1 | 43.056 | 14.302 | 18.4 | 45.369 | 2.4 | 36.104 | 5.673 | 1.029 | 10.3 | 5.765 | 1.2 | 5.512 | -0.911 | -9.4 | 5.587 |
| 248173.2 | 842621.7 | 134.0 | 42.986 | 14.268 | 18.4 | 45.292 | 2.4 | 36.042 | 5.675 | 1.030 | 10.3 | 5.768 | 1.2 | 5.471 | -0.899 | -9.3 | 5.544 |
| 248172.6 | 842620.9 | 134.0 | 42.946 | 14.241 | 18.3 | 45.245 | 2.4 | 36.005 | 5.678 | 1.032 | 10.3 | 5.771 | 1.2 | 5.465 | -0.894 | -9.3 | 5.538 |
| 248172.0 | 842620.1 | 133.9 | 42.902 | 14.213 | 18.3 | 45.195 | 2.5 | 35.965 | 5.680 | 1.033 | 10.3 | 5.774 | 1.2 | 5.461 | -0.890 | -9.3 | 5.533 |
| 248171.4 | 842619.3 | 133.8 | 42.860 | 14.185 | 18.3 | 45.147 | 2.5 | 35.926 | 5.683 | 1.034 | 10.3 | 5.776 | 1.2 | 5.463 | -0.887 | -9.2 | 5.535 |
| 248170.8 | 842618.5 | 133.7 | 42.664 | 14.126 | 18.3 | 44.942 | 2.5 | 35.764 | 5.681 | 1.035 | 10.3 | 5.774 | 1.2 | 5.320 | -0.859 | -9.2 | 5.389 |
| 248170.2 | 842617.6 | 133.6 | 42.641 | 14.103 | 18.3 | 44.913 | 2.5 | 35.740 | 5.684 | 1.035 | 10.3 | 5.778 | 1.2 | 5.348 | -0.864 | -9.2 | 5.417 |
| 248169.6 | 842616.8 | 133.5 | 42.614 | 14.079 | 18.3 | 44.879 | 2.5 | 35.714 | 5.687 | 1.036 | 10.3 | 5.781 | 1.2 | 5.376 | -0.869 | -9.2 | 5.446 |
| 248169.0 | 842616.0 | 133.5 | 42.582 | 14.055 | 18.3 | 44.842 | 2.5 | 35.684 | 5.690 | 1.036 | 10.3 | 5.783 | 1.2 | 5.405 | -0.875 | -9.2 | 5.475 |
| 248168.4 | 842615.2 | 133.4 | 42.546 | 14.030 | 18.3 | 44.800 | 2.6 | 35.651 | 5.691 | 1.036 | 10.3 | 5.785 | 1.2 | 5.434 | -0.883 | -9.2 | 5.505 |
| 248167.9 | 842614.4 | 133.3 | 42.506 | 14.004 | 18.2 | 44.754 | 2.6 | 35.614 | 5.693 | 1.036 | 10.3 | 5.786 | 1.3 | 5.464 | -0.891 | -9.3 | 5.536 |
| 248167.3 | 842613.6 | 133.2 | 42.462 | 13.978 | 18.2 | 44.704 | 2.6 | 35.574 | 5.693 | 1.035 | 10.3 | 5.786 | 1.3 | 5.496 | -0.900 | -9.3 | 5.569 |
| 248166.7 | 842612.8 | 133.2 | 42.414 | 13.951 | 18.2 | 44.650 | 2.6 | 35.531 | 5.692 | 1.035 | 10.3 | 5.785 | 1.3 | 5.530 | -0.910 | -9.3 | 5.604 |
| 248166.1 | 842612.0 | 133.1 | 42.362 | 13.924 | 18.2 | 44.592 | 2.6 | 35.485 | 5.689 | 1.034 | 10.3 | 5.782 | 1.3 | 5.567 | -0.920 | -9.4 | 5.643 |
| 248165.5 | 842611.2 | 133.0 | 42.231 | 13.880 | 18.2 | 44.454 | 2.6 | 35.375 | 5.683 | 1.033 | 10.3 | 5.776 | 1.2 | 5.536 | -0.919 | -9.4 | 5.612 |
| 248164.9 | 842610.4 | 132.9 | 42.035 | 13.823 | 18.2 | 44.249 | 2.7 | 35.212 | 5.673 | 1.032 | 10.3 | 5.766 | 1.2 | 5.448 | -0.907 | -9.4 | 5.523 |
| 248164.3 | 842609.6 | 132.8 | 42.063 | 13.813 | 18.2 | 44.273 | 2.7 | 35.232 | 5.667 | 1.030 | 10.3 | 5.760 | 1.2 | 5.593 | -0.937 | -9.5 | 5.671 |
| 248163.7 | 842608.8 | 132.8 | 42.111 | 13.807 | 18.2 | 44.317 | 2.7 | 35.266 | 5.659 | 1.029 | 10.3 | 5.752 | 1.2 | 5.766 | -0.971 | -9.6 | 5.848 |
| 248163.1 | 842608.0 | 132.7 | 41.826 | 13.732 | 18.2 | 44.022 | 2.7 | 35.032 | 5.639 | 1.027 | 10.3 | 5.732 | 1.2 | 5.621 | -0.947 | -9.6 | 5.700 |
| 248162.5 | 842607.2 | 132.5 | 41.162 | 13.580 | 18.3 | 43.344 | 2.8 | 34.492 | 5.607 | 1.025 | 10.4 | 5.700 | 1.1 | 5.106 | -0.856 | -9.5 | 5.177 |
| 248161.9 | 842606.4 | 132.4 | 41.068 | 13.545 | 18.3 | 43.244 | 2.8 | 34.413 | 5.588 | 1.023 | 10.4 | 5.681 | 1.1 | 5.171 | -0.869 | -9.5 | 5.244 |
| 248161.3 | 842605.6 | 132.3 | 40.971 | 13.510 | 18.2 | 43.141 | 2.8 | 34.330 | 5.568 | 1.021 | 10.4 | 5.660 | 1.1 | 5.242 | -0.882 | -9.6 | 5.316 |
| 248160.7 | 842604.8 | 132.3 | 40.927 | 13.486 | 18.2 | 43.091 | 2.8 | 34.291 | 5.547 | 1.018 | 10.4 | 5.640 | 1.1 | 5.375 | -0.907 | -9.6 | 5.451 |
| 248160.2 | 842604.0 | 132.2 | 40.905 | 13.466 | 18.2 | 43.065 | 2.8 | 34.270 | 5.526 | 1.016 | 10.4 | 5.618 | 1.1 | 5.537 | -0.937 | -9.6 | 5.616 |
| 248159.6 | 842603.1 | 132.2 | 40.881 | 13.447 | 18.2 | 43.036 | 2.9 | 34.247 | 5.504 | 1.014 | 10.4 | 5.596 | 1.1 | 5.703 | -0.967 | -9.6 | 5.785 |
| 248159.0 | 842602.3 | 132.1 | 40.853 | 13.427 | 18.2 | 43.003 | 2.9 | 34.220 | 5.481 | 1.011 | 10.5 | 5.574 | 1.2 | 5.870 | -0.997 | -9.6 | 5.954 |
| 248158.4 | 842601.5 | 131.9 | 40.256 | 13.289 | 18.3 | 42.393 | 2.9 | 33.735 | 5.441 | 1.008 | 10.5 | 5.533 | 1.1 | 5.471 | -0.923 | -9.6 | 5.548 |
| 248157.8 | 842600.7 | 131.8 | 39.789 | 13.177 | 18.3 | 41.914 | 3.0 | 33.354 | 5.404 | 1.005 | 10.5 | 5.497 | 1.0 | 5.199 | -0.872 | -9.5 | 5.271 |
| 248157.2 | 842599.9 | 131.7 | 39.606 | 13.125 | 18.3 | 41.724 | 3.0 | 33.203 | 5.377 | 1.002 | 10.6 | 5.469 | 1.1 | 5.217 | -0.875 | -9.5 | 5.290 |
| 248156.6 | 842599.1 | 131.6 | 39.421 | 13.073 | 18.3 | 41.532 | 3.0 | 33.050 | 5.349 | 0.999 | 10.6 | 5.442 | 1.1 | 5.231 | -0.877 | -9.5 | 5.304 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248156.0 | 842598.3 | 131.5 | 39.233 | 13.020 | 18.4 | 41.337 | 3.0 | 32.895 | 5.323 | 0.996 | 10.6 | 5.415 | 1.1 | 5.241 | -0.879 | -9.5 | 5.314 |
| 248155.4 | 842597.5 | 131.4 | 39.042 | 12.967 | 18.4 | 41.139 | 3.1 | 32.738 | 5.297 | 0.993 | 10.6 | 5.390 | 1.1 | 5.244 | -0.881 | -9.5 | 5.318 |
| 248154.8 | 842596.7 | 131.3 | 38.734 | 12.889 | 18.4 | 40.822 | 3.1 | 32.485 | 5.269 | 0.989 | 10.6 | 5.361 | 1.1 | 5.122 | -0.859 | -9.5 | 5.193 |
| 248154.2 | 842595.9 | 131.2 | 38.324 | 12.789 | 18.5 | 40.401 | 3.1 | 32.150 | 5.240 | 0.986 | 10.7 | 5.332 | 1.1 | 4.886 | -0.818 | -9.5 | 4.954 |
| 248153.6 | 842595.1 | 131.1 | 38.060 | 12.720 | 18.5 | 40.130 | 3.2 | 31.934 | 5.216 | 0.983 | 10.7 | 5.308 | 1.1 | 4.797 | -0.804 | -9.5 | 4.864 |
| 248153.0 | 842594.3 | 131.0 | 37.796 | 12.651 | 18.5 | 39.857 | 3.2 | 31.717 | 5.194 | 0.980 | 10.7 | 5.285 | 1.1 | 4.699 | -0.789 | -9.5 | 4.765 |
| 248152.4 | 842593.5 | 130.9 | 37.624 | 12.602 | 18.5 | 39.679 | 3.2 | 31.575 | 5.175 | 0.977 | 10.7 | 5.267 | 1.1 | 4.692 | -0.793 | -9.6 | 4.758 |
| 248151.9 | 842592.7 | 130.8 | 37.565 | 12.578 | 18.5 | 39.614 | 3.2 | 31.524 | 5.162 | 0.975 | 10.7 | 5.253 | 1.1 | 4.797 | -0.818 | -9.7 | 4.866 |
| 248151.3 | 842591.9 | 130.8 | 37.502 | 12.553 | 18.5 | 39.547 | 3.2 | 31.470 | 5.149 | 0.972 | 10.7 | 5.240 | 1.1 | 4.892 | -0.842 | -9.8 | 4.964 |
| 248150.7 | 842591.1 | 130.7 | 37.340 | 12.506 | 18.5 | 39.379 | 3.2 | 31.337 | 5.134 | 0.969 | 10.7 | 5.225 | 1.1 | 4.877 | -0.845 | -9.8 | 4.950 |
| 248150.1 | 842590.3 | 130.6 | 37.078 | 12.438 | 18.5 | 39.109 | 3.3 | 31.122 | 5.118 | 0.967 | 10.7 | 5.208 | 1.1 | 4.748 | -0.829 | -9.9 | 4.820 |
| 248149.5 | 842589.5 | 130.5 | 36.815 | 12.370 | 18.6 | 38.838 | 3.3 | 30.906 | 5.102 | 0.964 | 10.7 | 5.192 | 1.1 | 4.612 | -0.811 | -10.0 | 4.683 |
| 248148.9 | 842588.6 | 130.4 | 36.653 | 12.324 | 18.6 | 38.670 | 3.3 | 30.772 | 5.090 | 0.962 | 10.7 | 5.180 | 1.1 | 4.580 | -0.813 | -10.1 | 4.651 |
| 248148.3 | 842587.8 | 130.4 | 36.605 | 12.303 | 18.6 | 38.617 | 3.3 | 30.731 | 5.081 | 0.959 | 10.7 | 5.171 | 1.1 | 4.666 | -0.838 | -10.2 | 4.741 |
| 248147.7 | 842587.0 | 130.3 | 36.658 | 12.304 | 18.6 | 38.668 | 3.3 | 30.771 | 5.075 | 0.957 | 10.7 | 5.165 | 1.1 | 4.859 | -0.883 | -10.3 | 4.938 |
| 248147.1 | 842586.2 | 130.3 | 36.708 | 12.304 | 18.5 | 38.715 | 3.3 | 30.809 | 5.070 | 0.955 | 10.7 | 5.159 | 1.1 | 5.046 | -0.927 | -10.4 | 5.131 |
| 248146.5 | 842585.4 | 130.3 | 36.743 | 12.301 | 18.5 | 38.748 | 3.3 | 30.834 | 5.063 | 0.953 | 10.7 | 5.152 | 1.2 | 5.217 | -0.967 | -10.5 | 5.305 |
| 248145.9 | 842584.6 | 130.2 | 36.667 | 12.274 | 18.5 | 38.667 | 3.3 | 30.770 | 5.052 | 0.951 | 10.7 | 5.141 | 1.1 | 5.269 | -0.985 | -10.6 | 5.360 |
| 248145.3 | 842583.8 | 130.1 | 36.403 | 12.207 | 18.5 | 38.395 | 3.3 | 30.554 | 5.035 | 0.948 | 10.7 | 5.124 | 1.1 | 5.122 | -0.966 | -10.7 | 5.212 |
| 248144.7 | 842583.0 | 130.0 | 36.168 | 12.146 | 18.6 | 38.153 | 3.3 | 30.361 | 5.018 | 0.946 | 10.7 | 5.106 | 1.1 | 5.006 | -0.952 | -10.8 | 5.096 |
| 248144.2 | 842582.2 | 130.0 | 36.054 | 12.111 | 18.6 | 38.034 | 3.4 | 30.267 | 5.002 | 0.944 | 10.7 | 5.091 | 1.0 | 5.025 | -0.962 | -10.8 | 5.117 |
| 248143.6 | 842581.4 | 129.9 | 36.082 | 12.107 | 18.5 | 38.059 | 3.4 | 30.287 | 4.990 | 0.942 | 10.7 | 5.078 | 1.1 | 5.201 | -1.001 | -10.9 | 5.296 |
| 248143.0 | 842580.6 | 129.9 | 36.107 | 12.103 | 18.5 | 38.081 | 3.4 | 30.304 | 4.976 | 0.939 | 10.7 | 5.064 | 1.1 | 5.376 | -1.039 | -10.9 | 5.475 |
| 248142.4 | 842579.8 | 129.8 | 35.931 | 12.055 | 18.5 | 37.899 | 3.4 | 30.159 | 4.955 | 0.937 | 10.7 | 5.043 | 1.1 | 5.339 | -1.037 | -11.0 | 5.438 |
| 248141.8 | 842579.0 | 129.7 | 35.610 | 11.976 | 18.6 | 37.570 | 3.4 | 29.897 | 4.929 | 0.934 | 10.7 | 5.017 | 1.0 | 5.148 | -1.006 | -11.1 | 5.245 |
| 248141.2 | 842578.2 | 129.6 | 35.241 | 11.886 | 18.6 | 37.192 | 3.4 | 29.596 | 4.901 | 0.932 | 10.8 | 4.989 | 1.0 | 4.904 | -0.964 | -11.1 | 4.998 |
| 248140.6 | 842577.4 | 129.5 | 34.875 | 11.796 | 18.7 | 36.816 | 3.4 | 29.297 | 4.873 | 0.929 | 10.8 | 4.961 | 0.9 | 4.662 | -0.922 | -11.2 | 4.752 |
| 248140.0 | 842576.6 | 129.4 | 34.753 | 11.760 | 18.7 | 36.689 | 3.4 | 29.196 | 4.852 | 0.926 | 10.8 | 4.940 | 0.9 | 4.691 | -0.931 | -11.2 | 4.783 |
| 248139.4 | 842575.8 | 129.4 | 34.660 | 11.730 | 18.7 | 36.591 | 3.4 | 29.118 | 4.832 | 0.923 | 10.8 | 4.919 | 1.0 | 4.752 | -0.947 | -11.3 | 4.846 |
| 248138.8 | 842575.0 | 129.3 | 34.530 | 11.693 | 18.7 | 36.456 | 3.5 | 29.011 | 4.811 | 0.921 | 10.8 | 4.898 | 1.0 | 4.773 | -0.955 | -11.3 | 4.868 |
| 248138.2 | 842574.1 | 129.3 | 34.398 | 11.655 | 18.7 | 36.319 | 3.5 | 28.901 | 4.790 | 0.918 | 10.8 | 4.878 | 1.0 | 4.790 | -0.964 | -11.4 | 4.886 |
| 248137.6 | 842573.3 | 129.2 | 34.222 | 11.607 | 18.7 | 36.137 | 3.5 | 28.757 | 4.769 | 0.915 | 10.9 | 4.856 | 1.0 | 4.758 | -0.963 | -11.4 | 4.855 |
| 248137.0 | 842572.5 | 129.1 | 34.038 | 11.558 | 18.8 | 35.946 | 3.5 | 28.605 | 4.748 | 0.911 | 10.9 | 4.835 | 1.0 | 4.716 | -0.961 | -11.5 | 4.812 |
| 248136.5 | 842571.7 | 129.0 | 33.875 | 11.513 | 18.8 | 35.778 | 3.5 | 28.471 | 4.728 | 0.908 | 10.9 | 4.815 | 1.0 | 4.696 | -0.963 | -11.6 | 4.794 |
| 248135.9 | 842570.9 | 129.0 | 33.811 | 11.491 | 18.8 | 35.710 | 3.5 | 28.417 | 4.711 | 0.905 | 10.9 | 4.797 | 1.0 | 4.787 | -0.988 | -11.7 | 4.888 |
| 248135.3 | 842570.1 | 129.0 | 33.891 | 11.501 | 18.7 | 35.789 | 3.5 | 28.480 | 4.698 | 0.902 | 10.9 | 4.784 | 1.1 | 5.039 | -1.043 | -11.7 | 5.146 |
| 248134.7 | 842569.3 | 129.0 | 33.887 | 11.492 | 18.7 | 35.783 | 3.5 | 28.475 | 4.682 | 0.899 | 10.9 | 4.768 | 1.1 | 5.199 | -1.080 | -11.7 | 5.310 |
| 248134.1 | 842568.5 | 128.9 | 33.806 | 11.466 | 18.7 | 35.698 | 3.5 | 28.407 | 4.664 | 0.896 | 10.9 | 4.749 | 1.1 | 5.271 | -1.101 | -11.8 | 5.385 |
| 248133.5 | 842567.7 | 128.8 | 33.616 | 11.416 | 18.8 | 35.502 | 3.5 | 28.251 | 4.642 | 0.893 | 10.9 | 4.727 | 1.1 | 5.225 | -1.099 | -11.9 | 5.339 |
| 248132.9 | 842566.9 | 128.8 | 33.414 | 11.363 | 18.8 | 35.293 | 3.5 | 28.086 | 4.619 | 0.889 | 10.9 | 4.704 | 1.1 | 5.166 | -1.094 | -12.0 | 5.280 |
| 248132.3 | 842566.1 | 128.7 | 33.186 | 11.304 | 18.8 | 35.058 | 3.5 | 27.899 | 4.594 | 0.886 | 10.9 | 4.679 | 1.1 | 5.078 | -1.083 | -12.0 | 5.193 |
| 248131.7 | 842565.3 | 128.6 | 32.955 | 11.245 | 18.8 | 34.821 | 3.5 | 27.709 | 4.569 | 0.883 | 10.9 | 4.654 | 1.0 | 4.989 | -1.072 | -12.1 | 5.103 |
| 248131.1 | 842564.5 | 128.5 | 32.724 | 11.185 | 18.9 | 34.583 | 3.5 | 27.520 | 4.543 | 0.879 | 11.0 | 4.628 | 1.0 | 4.899 | -1.061 | -12.2 | 5.013 |
| 248130.5 | 842563.7 | 128.5 | 32.492 | 11.125 | 18.9 | 34.344 | 3.5 | 27.330 | 4.518 | 0.876 | 11.0 | 4.602 | 1.0 | 4.809 | -1.049 | -12.3 | 4.922 |
| 248129.9 | 842562.9 | 128.4 | 32.261 | 11.065 | 18.9 | 34.105 | 3.5 | 27.140 | 4.492 | 0.872 | 11.0 | 4.576 | 1.0 | 4.719 | -1.037 | -12.4 | 4.831 |
| 248129.3 | 842562.1 | 128.3 | 32.028 | 11.005 | 19.0 | 33.866 | 3.5 | 26.950 | 4.466 | 0.869 | 11.0 | 4.550 | 1.0 | 4.627 | -1.025 | -12.5 | 4.739 |
| 248128.7 | 842561.3 | 128.3 | 31.983 | 10.988 | 19.0 | 33.818 | 3.5 | 26.912 | 4.446 | 0.866 | 11.0 | 4.529 | 1.0 | 4.750 | -1.054 | -12.5 | 4.866 |
| 248128.2 | 842560.5 | 128.2 | 31.961 | 10.976 | 19.0 | 33.793 | 3.5 | 26.892 | 4.426 | 0.863 | 11.0 | 4.509 | 1.0 | 4.899 | -1.089 | -12.5 | 5.019 |
| 248127.6 | 842559.6 | 128.2 | 31.775 | 10.927 | 19.0 | 33.601 | 3.5 | 26.739 | 4.403 | 0.859 | 11.0 | 4.486 | 1.0 | 4.858 | -1.087 | -12.6 | 4.978 |
| 248127.0 | 842558.8 | 128.1 | 31.588 | 10.877 | 19.0 | 33.408 | 3.5 | 26.585 | 4.379 | 0.856 | 11.1 | 4.462 | 1.0 | 4.813 | -1.085 | -12.7 | 4.934 |
| 248126.4 | 842558.0 | 128.0 | 31.399 | 10.827 | 19.0 | 33.214 | 3.5 | 26.431 | 4.356 | 0.852 | 11.1 | 4.439 | 1.0 | 4.766 | -1.083 | -12.8 | 4.887 |
| 248125.8 | 842557.2 | 128.0 | 31.210 | 10.777 | 19.0 | 33.018 | 3.5 | 26.275 | 4.334 | 0.849 | 11.1 | 4.416 | 1.0 | 4.715 | -1.080 | -12.9 | 4.837 |
| 248125.2 | 842556.4 | 127.9 | 31.057 | 10.735 | 19.1 | 32.860 | 3.5 | 26.149 | 4.313 | 0.845 | 11.1 | 4.395 | 1.0 | 4.705 | -1.085 | -13.0 | 4.828 |
| 248124.6 | 842555.6 | 127.9 | 30.907 | 10.694 | 19.1 | 32.705 | 3.5 | 26.026 | 4.292 | 0.841 | 11.1 | 4.374 | 1.0 | 4.696 | -1.091 | -13.1 | 4.821 |
| 248124.0 | 842554.8 | 127.8 | 30.750 | 10.651 | 19.1 | 32.543 | 3.5 | 25.897 | 4.271 | 0.838 | 11.1 | 4.352 | 1.0 | 4.678 | -1.095 | -13.2 | 4.805 |
| 248123.4 | 842554.0 | 127.8 | 30.777 | 10.652 | 19.1 | 32.568 | 3.5 | 25.917 | 4.255 | 0.835 | 11.1 | 4.336 | 1.1 | 4.874 | -1.141 | -13.2 | 5.006 |
| 248122.8 | 842553.2 | 127.8 | 30.901 | 10.675 | 19.1 | 32.694 | 3.5 | 26.017 | 4.242 | 0.832 | 11.1 | 4.323 | 1.1 | 5.184 | -1.209 | -13.1 | 5.323 |
| 248122.2 | 842552.4 | 127.7 | 30.646 | 10.610 | 19.1 | 32.431 | 3.5 | 25.808 | 4.219 | 0.828 | 11.1 | 4.299 | 1.1 | 5.049 | -1.190 | -13.3 | 5.187 |
| 248121.6 | 842551.6 | 127.7 | 30.392 | 10.544 | 19.1 | 32.169 | 3.5 | 25.599 | 4.195 | 0.824 | 11.1 | 4.275 | 1.1 | 4.913 | -1.171 | -13.4 | 5.051 |
| 248121.0 | 842550.8 | 127.6 | 30.138 | 10.479 | 19.2 | 31.907 | 3.5 | 25.391 | 4.171 | 0.820 | 11.1 | 4.251 | 1.0 | 4.776 | -1.152 | -13.6 | 4.913 |
| 248120.5 | 842550.0 | 127.5 | 29.895 | 10.416 | 19.2 | 31.658 | 3.5 | 25.193 | 4.148 | 0.817 | 11.1 | 4.227 | 1.0 | 4.651 | -1.135 | -13.7 | 4.788 |
| 248119.9 | 842549.2 | 127.5 | 29.777 | 10.382 | 19.2 | 31.535 | 3.5 | 25.094 | 4.127 | 0.813 | 11.1 | 4.206 | 1.0 | 4.673 | -1.146 | -13.8 | 4.812 |
| 248119.3 | 842548.4 | 127.4 | 29.668 | 10.351 | 19.2 | 31.422 | 3.5 | 25.005 | 4.107 | 0.810 | 11.2 | 4.186 | 1.0 | 4.708 | -1.159 | -13.8 | 4.848 |
| 248118.7 | 842547.6 | 127.4 | 29.558 | 10.320 | 19.2 | 31.308 | 3.5 | 24.914 | 4.086 | 0.806 | 11.2 | 4.165 | 1.0 | 4.740 | -1.171 | -13.9 | 4.882 |
| 248118.1 | 842546.8 | 127.3 | 29.447 | 10.288 | 19.3 | 31.192 | 3.5 | 24.822 | 4.065 | 0.803 | 11.2 | 4.144 | 1.0 | 4.769 | -1.182 | -13.9 | 4.914 |
| 248117.5 | 842546.0 | 127.3 | 29.333 | 10.256 | 19.3 | 31.074 | 3.5 | 24.728 | 4.044 | 0.799 | 11.2 | 4.122 | 1.0 | 4.796 | -1.192 | -14.0 | 4.942 |
| 248116.9 | 842545.1 | 127.3 | 29.218 | 10.223 | 19.3 | 30.955 | 3.5 | 24.633 | 4.023 | 0.796 | 11.2 | 4.101 | 1.0 | 4.821 | -1.202 | -14.0 | 4.968 |
| 248116.3 | 842544.3 | 127.2 | 29.101 | 10.190 | 19.3 | 30.833 | 3.5 | 24.536 | 4.001 | 0.793 | 11.2 | 4.079 | 1.0 | 4.842 | -1.210 | -14.0 | 4.991 |
| 248115.7 | 842543.5 | 127.2 | 28.982 | 10.157 | 19.3 | 30.710 | 3.5 | 24.439 | 3.979 | 0.789 | 11.2 | 4.057 | 1.0 | 4.861 | -1.216 | -14.0 | 5.011 |
| 248115.1 | 842542.7 | 127.1 | 28.864 | 10.123 | 19.3 | 30.587 | 3.5 | 24.341 | 3.957 | 0.786 | 11.2 | 4.034 | 1.0 | 4.878 | -1.222 | -14.1 | 5.029 |
| 248114.5 | 842541.9 | 127.1 | 28.666 | 10.071 | 19.4 | 30.384 | 3.5 | 24.179 | 3.932 | 0.783 | 11.3 | 4.010 | 0.9 | 4.799 | -1.208 | -14.1 | 4.948 |
| 248113.9 | 842541.1 | 127.0 | 28.389 | 9.999 | 19.4 | 30.098 | 3.5 | 23.951 | 3.906 | 0.779 | 11.3 | 3.983 | 0.9 | 4.618 | -1.173 | -14.2 | 4.765 |
| 248113.3 | 842540.3 | 126.9 | 28.110 | 9.926 | 19.4 | 29.811 | 3.5 | 23.723 | 3.879 | 0.776 | 11.3 | 3.956 | 0.8 | 4.432 | -1.136 | -14.4 | 4.575 |
| 248112.8 | 842539.5 | 126.8 | 27.823 | 9.851 | 19.5 | 29.515 | 3.4 | 23.488 | 3.853 | 0.772 | 11.3 | 3.930 | 0.8 | 4.228 | -1.094 | -14.5 | 4.367 |
| 248112.2 | 842538.7 | 126.8 | 27.715 | 9.820 | 19.5 | 29.403 | 3.4 | 23.398 | 3.832 | 0.769 | 11.4 | 3.909 | 0.8 | 4.241 | -1.095 | -14.5 | 4.380 |
| 248111.6 | 842537.9 | 126.8 | 27.636 | 9.796 | 19.5 | 29.321 | 3.4 | 23.333 | 3.813 | 0.767 | 11.4 | 3.889 | 0.8 | 4.283 | -1.101 | -14.4 | 4.422 |
| 248111.0 | 842537.1 | 126.7 | 27.556 | 9.772 | 19.5 | 29.237 | 3.4 | 23.266 | 3.794 | 0.764 | 11.4 | 3.870 | 0.8 | 4.316 | -1.105 | -14.4 | 4.455 |
| 248110.4 | 842536.3 | 126.7 | 27.439 | 9.739 | 19.5 | 29.116 | 3.4 | 23.170 | 3.775 | 0.762 | 11.4 | 3.851 | 0.8 | 4.295 | -1.098 | -14.3 | 4.433 |
| 248109.8 | 842535.5 | 126.7 | 27.300 | 9.701 | 19.6 | 28.972 | 3.4 | 23.055 | 3.757 | 0.760 | 11.4 | 3.833 | 0.8 | 4.238 | -1.082 | -14.3 | 4.374 |
| 248109.2 | 842534.7 | 126.6 | 27.143 | 9.658 | 19.6 | 28.810 | 3.4 | 22.926 | 3.740 | 0.758 | 11.5 | 3.816 | 0.8 | 4.147 | -1.060 | -14.3 | 4.281 |
| 248108.6 | 842533.9 | 126.6 | 26.986 | 9.614 | 19.6 | 28.647 | 3.4 | 22.797 | 3.724 | 0.756 | 11.5 | 3.800 | 0.8 | 4.044 | -1.034 | -14.3 | 4.174 |
| 248108.0 | 842533.1 | 126.5 | 26.828 | 9.571 | 19.6 | 28.484 | 3.4 | 22.667 | 3.710 | 0.755 | 11.5 | 3.786 | 0.8 | 3.926 | -1.005 | -14.4 | 4.053 |
| 248107.4 | 842532.3 | 126.5 | 26.670 | 9.527 | 19.7 | 28.320 | 3.3 | 22.537 | 3.697 | 0.754 | 11.5 | 3.773 | 0.7 | 3.793 | -0.973 | -14.4 | 3.915 |
| 248106.8 | 842531.5 | 126.4 | 26.511 | 9.484 | 19.7 | 28.156 | 3.3 | 22.406 | 3.687 | 0.753 | 11.5 | 3.763 | 0.7 | 3.642 | -0.937 | -14.4 | 3.760 |
| 248106.2 | 842530.6 | 126.4 | 26.351 | 9.439 | 19.7 | 27.991 | 3.3 | 22.274 | 3.680 | 0.753 | 11.6 | 3.756 | 0.7 | 3.471 | -0.897 | -14.5 | 3.585 |
| 248105.6 | 842529.8 | 126.3 | 26.228 | 9.405 | 19.7 | 27.863 | 3.3 | 22.173 | 3.676 | 0.753 | 11.6 | 3.753 | 0.7 | 3.328 | -0.863 | -14.5 | 3.438 |
| 248105.1 | 842529.0 | 126.3 | 26.149 | 9.381 | 19.7 | 27.781 | 3.3 | 22.107 | 3.677 | 0.753 | 11.6 | 3.753 | 0.7 | 3.221 | -0.837 | -14.6 | 3.328 |

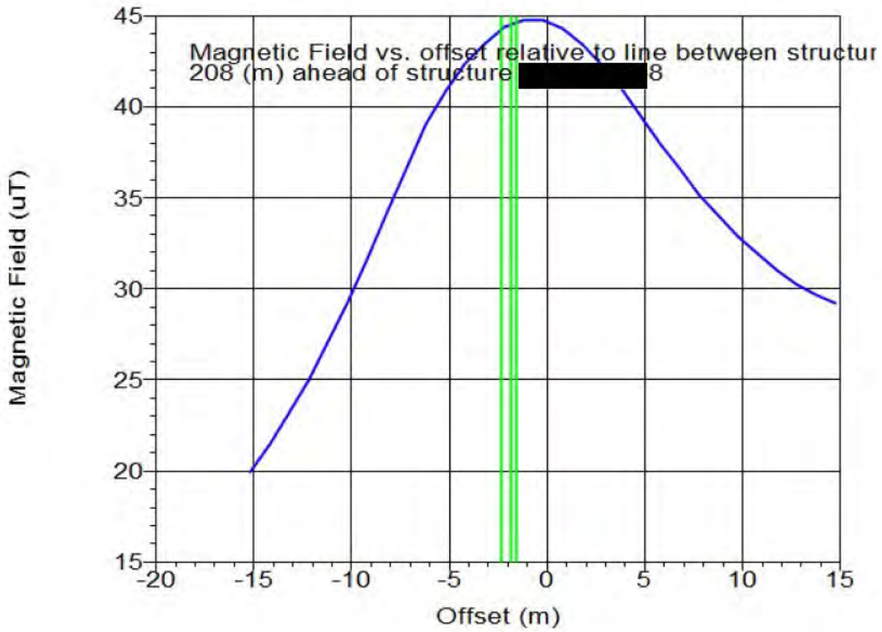
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248104.5 | 842528.2 | 126.4 | 26.252 | 9.404 | 19.7 | 27.885 | 3.3 | 22.190 | 3.686 | 0.755 | 11.6 | 3.762 | 0.7 | 3.327 | -0.855 | -14.4 | 3.435 |
| 248103.9 | 842527.4 | 126.4 | 26.399 | 9.439 | 19.7 | 28.036 | 3.3 | 22.310 | 3.699 | 0.757 | 11.6 | 3.776 | 0.8 | 3.467 | -0.881 | -14.3 | 3.577 |
| 248103.3 | 842526.6 | 126.5 | 26.546 | 9.473 | 19.6 | 28.185 | 3.3 | 22.429 | 3.716 | 0.759 | 11.5 | 3.793 | 0.8 | 3.583 | -0.904 | -14.2 | 3.695 |
| 248102.7 | 842525.8 | 126.5 | 26.678 | 9.503 | 19.6 | 28.320 | 3.3 | 22.537 | 3.736 | 0.762 | 11.5 | 3.813 | 0.9 | 3.657 | -0.919 | -14.1 | 3.771 |
| 248102.1 | 842525.0 | 126.6 | 26.828 | 9.538 | 19.6 | 28.473 | 3.3 | 22.658 | 3.760 | 0.765 | 11.5 | 3.837 | 0.9 | 3.731 | -0.936 | -14.1 | 3.847 |
| 248101.5 | 842524.2 | 126.7 | 26.996 | 9.577 | 19.5 | 28.645 | 3.3 | 22.795 | 3.788 | 0.768 | 11.5 | 3.865 | 0.9 | 3.805 | -0.954 | -14.1 | 3.923 |
| 248100.9 | 842523.4 | 126.7 | 27.161 | 9.616 | 19.5 | 28.813 | 3.3 | 22.929 | 3.818 | 0.771 | 11.4 | 3.895 | 0.9 | 3.854 | -0.968 | -14.1 | 3.974 |
| 248100.3 | 842522.6 | 126.8 | 27.336 | 9.657 | 19.5 | 28.992 | 3.3 | 23.071 | 3.851 | 0.775 | 11.4 | 3.929 | 1.0 | 3.896 | -0.982 | -14.2 | 4.018 |
| 248099.7 | 842521.8 | 126.9 | 27.505 | 9.696 | 19.4 | 29.163 | 3.3 | 23.208 | 3.887 | 0.779 | 11.3 | 3.964 | 1.0 | 3.910 | -0.993 | -14.2 | 4.034 |
| 248099.1 | 842521.0 | 127.0 | 27.699 | 9.741 | 19.4 | 29.362 | 3.3 | 23.365 | 3.925 | 0.783 | 11.3 | 4.002 | 1.0 | 3.941 | -1.007 | -14.3 | 4.067 |
| 248098.5 | 842520.2 | 127.1 | 27.919 | 9.793 | 19.3 | 29.586 | 3.3 | 23.544 | 3.965 | 0.788 | 11.2 | 4.042 | 1.0 | 3.988 | -1.026 | -14.4 | 4.118 |
| 248097.9 | 842519.4 | 127.1 | 28.131 | 9.843 | 19.3 | 29.803 | 3.3 | 23.716 | 4.006 | 0.792 | 11.2 | 4.083 | 1.0 | 4.013 | -1.042 | -14.6 | 4.146 |
| 248097.3 | 842518.6 | 127.3 | 28.454 | 9.919 | 19.2 | 30.133 | 3.3 | 23.979 | 4.050 | 0.796 | 11.1 | 4.127 | 1.0 | 4.166 | -1.084 | -14.6 | 4.304 |
| 248096.8 | 842517.8 | 127.4 | 28.840 | 10.011 | 19.1 | 30.528 | 3.3 | 24.293 | 4.094 | 0.801 | 11.1 | 4.172 | 1.0 | 4.387 | -1.139 | -14.6 | 4.533 |
| 248096.2 | 842517.0 | 127.5 | 29.231 | 10.103 | 19.1 | 30.928 | 3.3 | 24.612 | 4.137 | 0.806 | 11.0 | 4.215 | 1.0 | 4.611 | -1.194 | -14.5 | 4.764 |
| 248095.6 | 842516.1 | 127.7 | 29.638 | 10.199 | 19.0 | 31.343 | 3.4 | 24.942 | 4.179 | 0.810 | 11.0 | 4.257 | 1.1 | 4.852 | -1.252 | -14.5 | 5.010 |
| 248095.0 | 842515.3 | 127.8 | 29.957 | 10.273 | 18.9 | 31.670 | 3.4 | 25.202 | 4.215 | 0.814 | 10.9 | 4.293 | 1.1 | 4.992 | -1.288 | -14.5 | 5.155 |
| 248094.4 | 842514.5 | 127.9 | 30.278 | 10.347 | 18.9 | 31.997 | 3.4 | 25.462 | 4.249 | 0.818 | 10.9 | 4.327 | 1.1 | 5.139 | -1.324 | -14.4 | 5.307 |
| 248093.8 | 842513.7 | 128.1 | 31.025 | 10.521 | 18.7 | 32.761 | 3.4 | 26.070 | 4.291 | 0.823 | 10.9 | 4.369 | 1.2 | 5.782 | -1.455 | -14.1 | 5.962 |
| 248093.2 | 842512.9 | 128.3 | 31.503 | 10.630 | 18.6 | 33.248 | 3.5 | 26.458 | 4.322 | 0.827 | 10.8 | 4.401 | 1.2 | 6.118 | -1.524 | -14.0 | 6.305 |
| 248092.6 | 842512.1 | 128.4 | 31.801 | 10.697 | 18.6 | 33.551 | 3.5 | 26.699 | 4.346 | 0.831 | 10.8 | 4.425 | 1.2 | 6.262 | -1.554 | -13.9 | 6.452 |
| 248092.0 | 842511.3 | 128.5 | 32.243 | 10.797 | 18.5 | 34.003 | 3.5 | 27.059 | 4.371 | 0.835 | 10.8 | 4.450 | 1.3 | 6.576 | -1.615 | -13.8 | 6.771 |
| 248091.4 | 842510.5 | 128.7 | 32.695 | 10.899 | 18.4 | 34.463 | 3.6 | 27.425 | 4.394 | 0.838 | 10.8 | 4.474 | 1.3 | 6.907 | -1.678 | -13.7 | 7.108 |
| 248090.8 | 842509.7 | 128.8 | 33.153 | 11.001 | 18.4 | 34.930 | 3.6 | 27.797 | 4.416 | 0.842 | 10.8 | 4.495 | 1.4 | 7.252 | -1.743 | -13.5 | 7.459 |
| 248090.2 | 842508.9 | 128.8 | 33.001 | 10.965 | 18.4 | 34.775 | 3.6 | 27.673 | 4.415 | 0.843 | 10.8 | 4.495 | 1.3 | 6.964 | -1.684 | -13.6 | 7.164 |
| 248089.6 | 842508.1 | 128.6 | 32.134 | 10.766 | 18.5 | 33.890 | 3.5 | 26.969 | 4.391 | 0.843 | 10.9 | 4.472 | 1.1 | 5.909 | -1.475 | -14.0 | 6.090 |
| 248089.1 | 842507.3 | 128.6 | 32.071 | 10.750 | 18.5 | 33.825 | 3.5 | 26.917 | 4.390 | 0.845 | 10.9 | 4.471 | 1.0 | 5.734 | -1.436 | -14.1 | 5.911 |
| 248088.5 | 842506.5 | 128.6 | 32.040 | 10.742 | 18.5 | 33.793 | 3.5 | 26.891 | 4.388 | 0.846 | 10.9 | 4.469 | 1.0 | 5.609 | -1.406 | -14.1 | 5.783 |
| 248087.9 | 842505.7 | 128.6 | 31.975 | 10.726 | 18.5 | 33.726 | 3.5 | 26.838 | 4.384 | 0.847 | 10.9 | 4.465 | 1.0 | 5.458 | -1.370 | -14.1 | 5.627 |
| 248087.3 | 842504.9 | 128.7 | 31.901 | 10.708 | 18.6 | 33.650 | 3.5 | 26.778 | 4.377 | 0.847 | 11.0 | 4.458 | 1.0 | 5.309 | -1.334 | -14.1 | 5.474 |
| 248086.7 | 842504.1 | 128.7 | 31.866 | 10.699 | 18.6 | 33.614 | 3.5 | 26.749 | 4.370 | 0.848 | 11.0 | 4.451 | 1.0 | 5.215 | -1.307 | -14.1 | 5.376 |
| 248086.1 | 842503.3 | 128.8 | 32.055 | 10.741 | 18.5 | 33.806 | 3.5 | 26.902 | 4.367 | 0.848 | 11.0 | 4.448 | 1.0 | 5.383 | -1.332 | -13.9 | 5.545 |
| 248085.5 | 842502.4 | 128.8 | 32.176 | 10.769 | 18.5 | 33.931 | 3.5 | 27.001 | 4.360 | 0.849 | 11.0 | 4.442 | 1.1 | 5.484 | -1.342 | -13.8 | 5.646 |
| 248084.9 | 842501.6 | 128.9 | 32.275 | 10.791 | 18.5 | 34.031 | 3.6 | 27.081 | 4.353 | 0.849 | 11.0 | 4.435 | 1.1 | 5.566 | -1.350 | -13.6 | 5.727 |
| 248084.3 | 842500.8 | 128.9 | 32.330 | 10.803 | 18.5 | 34.087 | 3.6 | 27.126 | 4.343 | 0.849 | 11.1 | 4.425 | 1.2 | 5.607 | -1.348 | -13.5 | 5.767 |
| 248083.7 | 842500.0 | 128.9 | 32.141 | 10.759 | 18.5 | 33.893 | 3.5 | 26.972 | 4.326 | 0.848 | 11.1 | 4.408 | 1.1 | 5.384 | -1.296 | -13.5 | 5.538 |
| 248083.1 | 842499.2 | 128.9 | 32.068 | 10.741 | 18.5 | 33.820 | 3.5 | 26.913 | 4.312 | 0.847 | 11.1 | 4.394 | 1.2 | 5.293 | -1.269 | -13.5 | 5.443 |
| 248082.5 | 842498.4 | 128.9 | 31.953 | 10.714 | 18.5 | 33.702 | 3.5 | 26.819 | 4.298 | 0.847 | 11.1 | 4.380 | 1.2 | 5.155 | -1.234 | -13.5 | 5.300 |
| 248081.9 | 842497.6 | 128.9 | 31.665 | 10.647 | 18.6 | 33.407 | 3.5 | 26.584 | 4.280 | 0.846 | 11.2 | 4.362 | 1.1 | 4.821 | -1.161 | -13.5 | 4.959 |
| 248081.4 | 842496.8 | 128.9 | 31.457 | 10.598 | 18.6 | 33.194 | 3.5 | 26.415 | 4.266 | 0.844 | 11.2 | 4.349 | 1.1 | 4.573 | -1.106 | -13.6 | 4.705 |
| 248080.8 | 842496.0 | 128.8 | 31.115 | 10.517 | 18.7 | 32.845 | 3.5 | 26.137 | 4.250 | 0.843 | 11.2 | 4.333 | 1.0 | 4.166 | -1.022 | -13.8 | 4.289 |
| 248080.2 | 842495.2 | 128.8 | 30.712 | 10.421 | 18.7 | 32.432 | 3.4 | 25.808 | 4.236 | 0.841 | 11.2 | 4.319 | 1.0 | 3.675 | -0.921 | -14.1 | 3.788 |
| 248079.6 | 842494.4 | 128.8 | 30.827 | 10.448 | 18.7 | 32.549 | 3.4 | 25.902 | 4.236 | 0.840 | 11.2 | 4.319 | 1.0 | 3.774 | -0.941 | -14.0 | 3.889 |
| 248079.0 | 842493.6 | 128.9 | 30.940 | 10.475 | 18.7 | 32.665 | 3.4 | 25.994 | 4.238 | 0.840 | 11.2 | 4.320 | 1.1 | 3.862 | -0.960 | -14.0 | 3.979 |
| 248078.4 | 842492.8 | 129.0 | 31.055 | 10.502 | 18.7 | 32.783 | 3.4 | 26.088 | 4.241 | 0.839 | 11.2 | 4.323 | 1.1 | 3.944 | -0.980 | -13.9 | 4.064 |
| 248077.8 | 842492.0 | 129.1 | 31.294 | 10.558 | 18.6 | 33.027 | 3.5 | 26.282 | 4.249 | 0.838 | 11.2 | 4.331 | 1.2 | 4.158 | -1.027 | -13.9 | 4.282 |
| 248077.2 | 842491.2 | 129.2 | 31.499 | 10.607 | 18.6 | 33.237 | 3.5 | 26.449 | 4.257 | 0.838 | 11.1 | 4.338 | 1.3 | 4.323 | -1.065 | -13.8 | 4.453 |
| 248076.6 | 842490.4 | 129.3 | 31.694 | 10.653 | 18.6 | 33.437 | 3.5 | 26.608 | 4.265 | 0.837 | 11.1 | 4.346 | 1.3 | 4.471 | -1.100 | -13.8 | 4.604 |
| 248076.0 | 842489.6 | 129.4 | 31.936 | 10.710 | 18.5 | 33.684 | 3.6 | 26.805 | 4.275 | 0.837 | 11.1 | 4.356 | 1.4 | 4.661 | -1.145 | -13.8 | 4.800 |
| 248075.4 | 842488.8 | 129.5 | 32.094 | 10.748 | 18.5 | 33.846 | 3.6 | 26.933 | 4.282 | 0.837 | 11.1 | 4.363 | 1.4 | 4.754 | -1.170 | -13.8 | 4.896 |
| 248074.8 | 842487.9 | 129.6 | 32.171 | 10.766 | 18.5 | 33.924 | 3.6 | 26.996 | 4.288 | 0.836 | 11.0 | 4.369 | 1.4 | 4.753 | -1.177 | -13.9 | 4.896 |
| 248074.2 | 842487.1 | 129.6 | 32.036 | 10.735 | 18.5 | 33.787 | 3.6 | 26.887 | 4.287 | 0.836 | 11.0 | 4.368 | 1.3 | 4.517 | -1.137 | -14.1 | 4.658 |
| 248073.6 | 842486.3 | 129.6 | 32.139 | 10.760 | 18.5 | 33.892 | 3.6 | 26.971 | 4.293 | 0.836 | 11.0 | 4.373 | 1.3 | 4.538 | -1.148 | -14.2 | 4.681 |
| 248073.1 | 842485.5 | 129.7 | 32.316 | 10.803 | 18.5 | 34.073 | 3.6 | 27.115 | 4.300 | 0.836 | 11.0 | 4.380 | 1.3 | 4.636 | -1.174 | -14.2 | 4.782 |
| 248072.5 | 842484.7 | 129.8 | 32.493 | 10.845 | 18.5 | 34.256 | 3.6 | 27.260 | 4.307 | 0.837 | 11.0 | 4.387 | 1.3 | 4.732 | -1.198 | -14.2 | 4.881 |
| 248071.9 | 842483.9 | 129.9 | 32.743 | 10.904 | 18.4 | 34.511 | 3.7 | 27.463 | 4.316 | 0.837 | 11.0 | 4.396 | 1.4 | 4.900 | -1.237 | -14.2 | 5.054 |
| 248071.3 | 842483.1 | 130.0 | 32.864 | 10.934 | 18.4 | 34.635 | 3.7 | 27.562 | 4.321 | 0.838 | 11.0 | 4.402 | 1.4 | 4.925 | -1.248 | -14.2 | 5.081 |
| 248070.7 | 842482.3 | 130.2 | 33.324 | 11.042 | 18.3 | 35.105 | 3.8 | 27.936 | 4.337 | 0.839 | 11.0 | 4.418 | 1.5 | 5.304 | -1.329 | -14.1 | 5.468 |
| 248070.1 | 842481.5 | 130.2 | 33.174 | 11.009 | 18.4 | 34.953 | 3.8 | 27.815 | 4.336 | 0.839 | 11.0 | 4.417 | 1.5 | 5.035 | -1.282 | -14.3 | 5.196 |
| 248069.5 | 842480.7 | 130.2 | 33.031 | 10.977 | 18.4 | 34.808 | 3.7 | 27.699 | 4.337 | 0.839 | 11.0 | 4.417 | 1.4 | 4.768 | -1.236 | -14.5 | 4.926 |
| 248068.9 | 842479.9 | 130.4 | 33.373 | 11.058 | 18.3 | 35.158 | 3.8 | 27.978 | 4.351 | 0.840 | 10.9 | 4.431 | 1.5 | 5.011 | -1.291 | -14.4 | 5.175 |
| 248068.3 | 842479.1 | 130.6 | 34.090 | 11.226 | 18.2 | 35.891 | 3.9 | 28.561 | 4.377 | 0.843 | 10.9 | 4.457 | 1.6 | 5.635 | -1.420 | -14.1 | 5.811 |
| 248067.7 | 842478.3 | 130.7 | 34.287 | 11.274 | 18.2 | 36.093 | 3.9 | 28.722 | 4.387 | 0.843 | 10.9 | 4.467 | 1.7 | 5.716 | -1.443 | -14.2 | 5.895 |
| 248067.1 | 842477.5 | 130.8 | 34.523 | 11.330 | 18.2 | 36.335 | 4.0 | 28.914 | 4.398 | 0.844 | 10.9 | 4.478 | 1.7 | 5.835 | -1.473 | -14.2 | 6.018 |
| 248066.5 | 842476.7 | 130.9 | 34.758 | 11.387 | 18.1 | 36.575 | 4.0 | 29.106 | 4.408 | 0.845 | 10.9 | 4.488 | 1.7 | 5.954 | -1.502 | -14.2 | 6.140 |
| 248065.9 | 842475.9 | 131.0 | 34.991 | 11.443 | 18.1 | 36.814 | 4.1 | 29.296 | 4.417 | 0.846 | 10.8 | 4.497 | 1.7 | 6.072 | -1.530 | -14.1 | 6.262 |
| 248065.4 | 842475.1 | 131.1 | 35.210 | 11.496 | 18.1 | 37.039 | 4.1 | 29.475 | 4.424 | 0.847 | 10.8 | 4.505 | 1.8 | 6.180 | -1.556 | -14.1 | 6.373 |
| 248064.8 | 842474.3 | 131.2 | 35.337 | 11.527 | 18.1 | 37.169 | 4.1 | 29.578 | 4.427 | 0.848 | 10.8 | 4.508 | 1.8 | 6.202 | -1.563 | -14.1 | 6.396 |
| 248064.2 | 842473.4 | 131.2 | 34.834 | 11.415 | 18.1 | 36.657 | 4.1 | 29.170 | 4.410 | 0.847 | 10.9 | 4.491 | 1.6 | 5.603 | -1.448 | -14.5 | 5.787 |
| 248063.6 | 842472.6 | 131.3 | 35.096 | 11.478 | 18.1 | 36.925 | 4.1 | 29.384 | 4.414 | 0.848 | 10.9 | 4.495 | 1.6 | 5.775 | -1.483 | -14.4 | 5.962 |
| 248063.0 | 842471.8 | 131.3 | 34.737 | 11.398 | 18.2 | 36.559 | 4.1 | 29.093 | 4.399 | 0.847 | 10.9 | 4.480 | 1.4 | 5.330 | -1.395 | -14.7 | 5.510 |
| 248062.4 | 842471.0 | 131.3 | 34.755 | 11.406 | 18.2 | 36.579 | 4.1 | 29.108 | 4.394 | 0.847 | 10.9 | 4.475 | 1.4 | 5.275 | -1.382 | -14.7 | 5.454 |
| 248061.8 | 842470.2 | 131.3 | 34.387 | 11.323 | 18.2 | 36.203 | 4.0 | 28.809 | 4.377 | 0.846 | 10.9 | 4.458 | 1.3 | 4.834 | -1.293 | -15.0 | 5.004 |
| 248061.2 | 842469.4 | 131.4 | 34.604 | 11.377 | 18.2 | 36.426 | 4.1 | 28.987 | 4.372 | 0.846 | 11.0 | 4.453 | 1.3 | 5.003 | -1.321 | -14.8 | 5.175 |
| 248060.6 | 842468.6 | 131.6 | 35.082 | 11.492 | 18.1 | 36.917 | 4.2 | 29.377 | 4.373 | 0.847 | 11.0 | 4.454 | 1.5 | 5.445 | -1.400 | -14.4 | 5.622 |
| 248060.0 | 842467.8 | 131.6 | 34.794 | 11.428 | 18.2 | 36.622 | 4.1 | 29.143 | 4.352 | 0.846 | 11.0 | 4.434 | 1.3 | 5.121 | -1.329 | -14.5 | 5.291 |
| 248059.4 | 842467.0 | 131.7 | 34.679 | 11.405 | 18.2 | 36.506 | 4.1 | 29.051 | 4.335 | 0.846 | 11.0 | 4.416 | 1.3 | 4.983 | -1.291 | -14.5 | 5.148 |
| 248058.8 | 842466.2 | 131.8 | 35.013 | 11.486 | 18.2 | 36.849 | 4.2 | 29.323 | 4.327 | 0.846 | 11.1 | 4.409 | 1.4 | 5.308 | -1.344 | -14.2 | 5.476 |
| 248058.2 | 842465.4 | 131.9 | 34.963 | 11.479 | 18.2 | 36.799 | 4.2 | 29.284 | 4.308 | 0.846 | 11.1 | 4.390 | 1.4 | 5.256 | -1.321 | -14.1 | 5.420 |
| 248057.7 | 842464.6 | 131.9 | 34.872 | 11.461 | 18.2 | 36.707 | 4.2 | 29.211 | 4.288 | 0.845 | 11.1 | 4.370 | 1.4 | 5.170 | -1.291 | -14.0 | 5.329 |
| 248057.1 | 842463.8 | 132.0 | 34.810 | 11.451 | 18.2 | 36.644 | 4.2 | 29.161 | 4.268 | 0.844 | 11.2 | 4.351 | 1.4 | 5.120 | -1.266 | -13.9 | 5.274 |
| 248056.5 | 842463.0 | 132.0 | 34.849 | 11.464 | 18.2 | 36.687 | 4.2 | 29.194 | 4.251 | 0.844 | 11.2 | 4.333 | 1.5 | 5.179 | -1.263 | -13.7 | 5.331 |
| 248055.9 | 842462.2 | 132.1 | 34.802 | 11.457 | 18.2 | 36.639 | 4.2 | 29.157 | 4.231 | 0.843 | 11.3 | 4.314 | 1.5 | 5.155 | -1.243 | -13.6 | 5.303 |
| 248055.3 | 842461.4 | 132.1 | 34.641 | 11.423 | 18.3 | 36.476 | 4.2 | 29.026 | 4.209 | 0.841 | 11.3 | 4.292 | 1.5 | 5.021 | -1.201 | -13.4 | 5.163 |
| 248054.7 | 842460.6 | 132.2 | 34.478 | 11.389 | 18.3 | 36.310 | 4.2 | 28.894 | 4.187 | 0.840 | 11.3 | 4.271 | 1.5 | 4.889 | -1.159 | -13.3 | 5.024 |
| 248054.1 | 842459.8 | 132.2 | 34.356 | 11.364 | 18.3 | 36.186 | 4.2 | 28.796 | 4.167 | 0.839 | 11.4 | 4.251 | 1.5 | 4.801 | -1.126 | -13.2 | 4.931 |
| 248053.5 | 842458.9 | 132.3 | 34.488 | 11.400 | 18.3 | 36.323 | 4.2 | 28.905 | 4.153 | 0.838 | 11.4 | 4.237 | 1.6 | 4.970 | -1.146 | -13.0 | 5.101 |

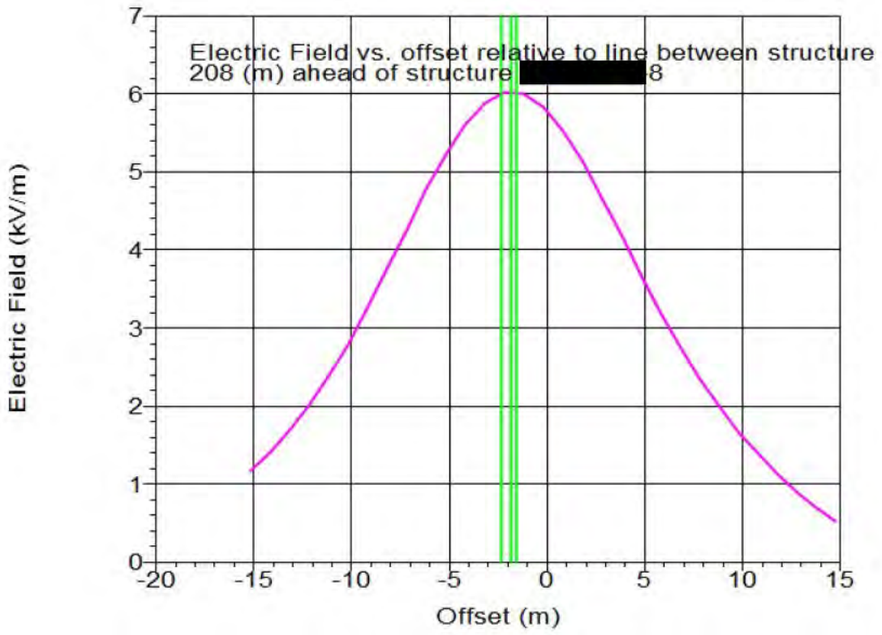
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248052.9 | 842458.1 | 132.4 | 34.491 | 11.405 | 18.3 | 36.328 | 4.2 | 28.909 | 4.136 | 0.837 | 11.4 | 4.220 | 1.7 | 5.013 | -1.141 | -12.8 | 5.142 |
| 248052.3 | 842457.3 | 132.5 | 34.484 | 11.408 | 18.3 | 36.322 | 4.2 | 28.904 | 4.119 | 0.835 | 11.5 | 4.203 | 1.7 | 5.048 | -1.135 | -12.7 | 5.174 |
| 248051.7 | 842456.5 | 132.4 | 34.058 | 11.310 | 18.4 | 35.887 | 4.2 | 28.558 | 4.091 | 0.833 | 11.5 | 4.175 | 1.6 | 4.668 | -1.044 | -12.6 | 4.783 |
| 248051.1 | 842455.7 | 132.4 | 33.754 | 11.241 | 18.4 | 35.577 | 4.1 | 28.311 | 4.067 | 0.831 | 11.5 | 4.151 | 1.5 | 4.410 | -0.979 | -12.5 | 4.517 |
| 248050.5 | 842454.9 | 132.5 | 33.583 | 11.204 | 18.4 | 35.403 | 4.1 | 28.173 | 4.046 | 0.829 | 11.6 | 4.130 | 1.5 | 4.289 | -0.943 | -12.4 | 4.391 |
| 248049.9 | 842454.1 | 132.6 | 33.653 | 11.251 | 18.5 | 35.484 | 4.1 | 28.237 | 4.038 | 0.830 | 11.6 | 4.123 | 1.6 | 4.329 | -0.932 | -12.1 | 4.428 |
| 248049.4 | 842453.3 | 132.6 | 33.672 | 11.260 | 18.5 | 35.505 | 4.1 | 28.254 | 4.022 | 0.828 | 11.6 | 4.106 | 1.6 | 4.410 | -0.939 | -12.0 | 4.509 |
| 248048.8 | 842452.5 | 132.8 | 33.839 | 11.306 | 18.5 | 35.678 | 4.2 | 28.391 | 4.008 | 0.827 | 11.7 | 4.092 | 1.7 | 4.646 | -0.980 | -11.9 | 4.748 |
| 248048.2 | 842451.7 | 132.9 | 34.057 | 11.364 | 18.5 | 35.903 | 4.2 | 28.571 | 3.995 | 0.825 | 11.7 | 4.080 | 1.9 | 4.936 | -1.034 | -11.8 | 5.043 |
| 248047.6 | 842450.9 | 133.0 | 34.009 | 11.358 | 18.5 | 35.855 | 4.2 | 28.533 | 3.975 | 0.822 | 11.7 | 4.059 | 1.9 | 4.966 | -1.034 | -11.8 | 5.072 |
| 248047.0 | 842450.1 | 133.0 | 33.893 | 11.326 | 18.5 | 35.735 | 4.1 | 28.437 | 3.945 | 0.811 | 11.6 | 4.027 | 1.9 | 5.032 | -1.064 | -11.9 | 5.144 |
| 248046.4 | 842449.3 | 133.1 | 33.769 | 11.301 | 18.5 | 35.610 | 4.1 | 28.338 | 3.920 | 0.807 | 11.6 | 4.003 | 1.9 | 5.004 | -1.054 | -11.9 | 5.114 |
| 248045.8 | 842448.5 | 133.1 | 33.383 | 11.211 | 18.6 | 35.216 | 4.0 | 28.024 | 3.888 | 0.803 | 11.7 | 3.970 | 1.8 | 4.722 | -0.991 | -11.8 | 4.824 |
| 248045.2 | 842447.7 | 133.1 | 33.202 | 11.171 | 18.6 | 35.031 | 4.0 | 27.877 | 3.860 | 0.798 | 11.7 | 3.942 | 1.7 | 4.653 | -0.972 | -11.8 | 4.753 |
| 248044.6 | 842446.9 | 133.1 | 32.943 | 11.112 | 18.6 | 34.766 | 4.0 | 27.666 | 3.828 | 0.794 | 11.7 | 3.910 | 1.7 | 4.515 | -0.940 | -11.8 | 4.611 |
| 248044.0 | 842446.1 | 133.0 | 32.244 | 10.942 | 18.7 | 34.050 | 3.8 | 27.096 | 3.787 | 0.787 | 11.7 | 3.868 | 1.5 | 3.931 | -0.815 | -11.7 | 4.015 |
| 248043.4 | 842445.3 | 133.0 | 31.851 | 10.848 | 18.8 | 33.648 | 3.7 | 26.776 | 3.752 | 0.782 | 11.8 | 3.832 | 1.4 | 3.665 | -0.757 | -11.7 | 3.742 |
| 248042.8 | 842444.4 | 133.0 | 31.581 | 10.784 | 18.9 | 33.371 | 3.7 | 26.556 | 3.718 | 0.776 | 11.8 | 3.799 | 1.4 | 3.533 | -0.728 | -11.6 | 3.607 |
| 248042.2 | 842443.6 | 133.0 | 31.323 | 10.723 | 18.9 | 33.108 | 3.6 | 26.346 | 3.686 | 0.770 | 11.8 | 3.766 | 1.3 | 3.419 | -0.704 | -11.6 | 3.491 |
| 248041.7 | 842442.8 | 133.0 | 30.996 | 10.644 | 19.0 | 32.772 | 3.5 | 26.079 | 3.653 | 0.764 | 11.8 | 3.732 | 1.3 | 3.234 | -0.667 | -11.6 | 3.302 |
| 248041.1 | 842442.0 | 133.0 | 30.491 | 10.518 | 19.0 | 32.254 | 3.4 | 25.667 | 3.618 | 0.757 | 11.8 | 3.696 | 1.2 | 2.856 | -0.591 | -11.7 | 2.916 |
| 248040.5 | 842441.2 | 133.1 | 30.631 | 10.560 | 19.0 | 32.400 | 3.5 | 25.783 | 3.595 | 0.751 | 11.8 | 3.673 | 1.3 | 3.182 | -0.664 | -11.8 | 3.251 |
| 248039.9 | 842440.4 | 133.2 | 30.650 | 10.570 | 19.0 | 32.421 | 3.5 | 25.800 | 3.571 | 0.745 | 11.8 | 3.648 | 1.4 | 3.376 | -0.712 | -11.9 | 3.450 |
| 248039.3 | 842439.6 | 133.3 | 30.642 | 10.572 | 19.0 | 32.414 | 3.5 | 25.794 | 3.548 | 0.739 | 11.8 | 3.624 | 1.4 | 3.542 | -0.755 | -12.0 | 3.621 |
| 248038.7 | 842438.8 | 133.5 | 30.995 | 10.670 | 19.0 | 32.780 | 3.6 | 26.086 | 3.532 | 0.733 | 11.7 | 3.607 | 1.6 | 4.091 | -0.879 | -12.1 | 4.185 |
| 248038.1 | 842438.0 | 133.6 | 30.956 | 10.665 | 19.0 | 32.741 | 3.6 | 26.055 | 3.508 | 0.726 | 11.7 | 3.583 | 1.6 | 4.227 | -0.918 | -12.3 | 4.325 |
| 248037.5 | 842437.2 | 133.6 | 30.776 | 10.623 | 19.0 | 32.558 | 3.5 | 25.909 | 3.482 | 0.719 | 11.7 | 3.555 | 1.6 | 4.220 | -0.927 | -12.4 | 4.321 |
| 248036.9 | 842436.4 | 133.6 | 30.346 | 10.516 | 19.1 | 32.117 | 3.4 | 25.558 | 3.449 | 0.711 | 11.7 | 3.522 | 1.4 | 3.955 | -0.882 | -12.6 | 4.052 |
| 248036.3 | 842435.6 | 133.5 | 29.876 | 10.397 | 19.2 | 31.633 | 3.3 | 25.173 | 3.415 | 0.703 | 11.6 | 3.487 | 1.3 | 3.647 | -0.829 | -12.8 | 3.740 |
| 248035.7 | 842434.8 | 133.5 | 29.426 | 10.283 | 19.3 | 31.171 | 3.2 | 24.805 | 3.382 | 0.695 | 11.6 | 3.453 | 1.1 | 3.361 | -0.780 | -13.1 | 3.451 |
| 248035.1 | 842434.0 | 133.4 | 28.984 | 10.169 | 19.3 | 30.717 | 3.1 | 24.444 | 3.348 | 0.687 | 11.6 | 3.418 | 1.0 | 3.086 | -0.733 | -13.4 | 3.172 |
| 248034.5 | 842433.2 | 133.4 | 28.719 | 10.103 | 19.4 | 30.444 | 3.0 | 24.226 | 3.317 | 0.680 | 11.6 | 3.386 | 0.9 | 3.009 | -0.726 | -13.6 | 3.095 |
| 248034.0 | 842432.4 | 133.5 | 28.516 | 10.053 | 19.4 | 30.236 | 3.0 | 24.061 | 3.286 | 0.673 | 11.6 | 3.354 | 0.9 | 3.008 | -0.733 | -13.7 | 3.096 |
| 248033.4 | 842431.6 | 133.5 | 28.297 | 9.998 | 19.5 | 30.012 | 2.9 | 23.882 | 3.254 | 0.665 | 11.6 | 3.321 | 0.8 | 2.996 | -0.737 | -13.8 | 3.085 |
| 248032.8 | 842430.8 | 133.4 | 27.815 | 9.872 | 19.5 | 29.515 | 2.8 | 23.487 | 3.218 | 0.657 | 11.5 | 3.284 | 0.7 | 2.689 | -0.680 | -14.2 | 2.774 |
| 248032.2 | 842429.9 | 133.4 | 27.434 | 9.772 | 19.6 | 29.122 | 2.7 | 23.175 | 3.183 | 0.649 | 11.5 | 3.248 | 0.6 | 2.499 | -0.646 | -14.5 | 2.581 |
| 248031.6 | 842429.1 | 133.6 | 27.624 | 9.829 | 19.6 | 29.321 | 2.8 | 23.333 | 3.156 | 0.643 | 11.5 | 3.221 | 0.7 | 2.967 | -0.744 | -14.1 | 3.059 |
| 248031.0 | 842428.3 | 133.6 | 27.415 | 9.776 | 19.6 | 29.106 | 2.7 | 23.162 | 3.124 | 0.636 | 11.5 | 3.188 | 0.6 | 2.983 | -0.749 | -14.1 | 3.075 |
| 248030.4 | 842427.5 | 133.6 | 27.100 | 9.693 | 19.7 | 28.782 | 2.6 | 22.904 | 3.090 | 0.629 | 11.5 | 3.153 | 0.6 | 2.878 | -0.728 | -14.2 | 2.969 |
| 248029.8 | 842426.7 | 133.5 | 26.744 | 9.599 | 19.7 | 28.415 | 2.5 | 22.612 | 3.055 | 0.622 | 11.5 | 3.118 | 0.5 | 2.726 | -0.697 | -14.3 | 2.814 |
| 248029.2 | 842425.9 | 133.5 | 26.394 | 9.505 | 19.8 | 28.053 | 2.4 | 22.324 | 3.021 | 0.615 | 11.5 | 3.083 | 0.4 | 2.578 | -0.665 | -14.5 | 2.663 |
| 248028.6 | 842425.1 | 133.5 | 26.079 | 9.421 | 19.9 | 27.729 | 2.3 | 22.066 | 2.989 | 0.608 | 11.5 | 3.050 | 0.4 | 2.470 | -0.641 | -14.5 | 2.551 |
| 248028.0 | 842424.3 | 133.5 | 25.824 | 9.354 | 19.9 | 27.466 | 2.3 | 21.857 | 2.958 | 0.601 | 11.5 | 3.018 | 0.4 | 2.428 | -0.629 | -14.5 | 2.508 |
| 248027.4 | 842423.5 | 133.5 | 25.667 | 9.313 | 19.9 | 27.305 | 2.2 | 21.729 | 2.929 | 0.596 | 11.5 | 2.989 | 0.4 | 2.499 | -0.639 | -14.3 | 2.579 |
| 248026.8 | 842422.7 | 133.6 | 25.511 | 9.273 | 20.0 | 27.144 | 2.2 | 21.600 | 2.902 | 0.590 | 11.5 | 2.961 | 0.4 | 2.566 | -0.647 | -14.1 | 2.646 |
| 248026.2 | 842421.9 | 133.6 | 25.354 | 9.232 | 20.0 | 26.982 | 2.1 | 21.472 | 2.875 | 0.584 | 11.5 | 2.934 | 0.4 | 2.628 | -0.653 | -14.0 | 2.708 |
| 248025.7 | 842421.1 | 133.7 | 25.197 | 9.192 | 20.0 | 26.821 | 2.1 | 21.343 | 2.849 | 0.579 | 11.5 | 2.907 | 0.5 | 2.685 | -0.658 | -13.8 | 2.765 |
| 248025.1 | 842420.3 | 133.7 | 24.998 | 9.139 | 20.1 | 26.616 | 2.0 | 21.181 | 2.824 | 0.574 | 11.5 | 2.881 | 0.5 | 2.688 | -0.652 | -13.6 | 2.766 |
| 248024.5 | 842419.5 | 133.7 | 24.797 | 9.085 | 20.1 | 26.409 | 2.0 | 21.016 | 2.799 | 0.569 | 11.5 | 2.856 | 0.5 | 2.681 | -0.643 | -13.5 | 2.757 |
| 248023.9 | 842418.7 | 133.7 | 24.578 | 9.026 | 20.2 | 26.183 | 1.9 | 20.836 | 2.775 | 0.565 | 11.5 | 2.831 | 0.5 | 2.646 | -0.628 | -13.4 | 2.719 |
| 248023.3 | 842417.9 | 133.7 | 24.369 | 8.969 | 20.2 | 25.968 | 1.8 | 20.664 | 2.751 | 0.560 | 11.5 | 2.808 | 0.5 | 2.616 | -0.614 | -13.2 | 2.687 |
| 248022.7 | 842417.1 | 133.8 | 24.162 | 8.913 | 20.2 | 25.753 | 1.8 | 20.494 | 2.729 | 0.556 | 11.5 | 2.785 | 0.5 | 2.580 | -0.600 | -13.1 | 2.649 |
| 248022.1 | 842416.3 | 133.7 | 23.794 | 8.809 | 20.3 | 25.373 | 1.7 | 20.191 | 2.705 | 0.551 | 11.5 | 2.761 | 0.4 | 2.342 | -0.544 | -13.1 | 2.404 |
| 248021.5 | 842415.4 | 133.6 | 23.394 | 8.695 | 20.4 | 24.958 | 1.6 | 19.861 | 2.682 | 0.546 | 11.5 | 2.737 | 0.4 | 2.050 | -0.478 | -13.1 | 2.105 |
| 248020.9 | 842414.6 | 133.6 | 23.002 | 8.583 | 20.5 | 24.551 | 1.5 | 19.537 | 2.660 | 0.541 | 11.5 | 2.715 | 0.3 | 1.757 | -0.413 | -13.2 | 1.805 |
| 248020.3 | 842413.8 | 133.6 | 22.780 | 8.520 | 20.5 | 24.321 | 1.4 | 19.354 | 2.642 | 0.537 | 11.5 | 2.696 | 0.3 | 1.668 | -0.389 | -13.1 | 1.712 |
| 248019.7 | 842413.0 | 133.6 | 22.606 | 8.472 | 20.5 | 24.141 | 1.4 | 19.211 | 2.626 | 0.533 | 11.5 | 2.679 | 0.3 | 1.634 | -0.378 | -13.0 | 1.677 |
| 248019.1 | 842412.2 | 133.5 | 22.218 | 8.359 | 20.6 | 23.738 | 1.3 | 18.890 | 2.607 | 0.529 | 11.5 | 2.661 | 0.2 | 1.315 | -0.309 | -13.2 | 1.351 |
| 248018.5 | 842411.4 | 133.6 | 22.112 | 8.331 | 20.6 | 23.629 | 1.3 | 18.803 | 2.593 | 0.525 | 11.4 | 2.645 | 0.2 | 1.359 | -0.315 | -13.0 | 1.395 |
| 248018.0 | 842410.6 | 133.7 | 22.024 | 8.308 | 20.7 | 23.539 | 1.3 | 18.732 | 2.578 | 0.521 | 11.4 | 2.631 | 0.1 | 1.425 | -0.325 | -12.9 | 1.462 |
| 248017.4 | 842409.8 | 133.7 | 21.884 | 8.269 | 20.7 | 23.394 | 1.2 | 18.617 | 2.563 | 0.517 | 11.4 | 2.615 | 0.1 | 1.422 | -0.322 | -12.8 | 1.458 |
| 248016.8 | 842409.0 | 133.8 | 21.760 | 8.234 | 20.7 | 23.266 | 1.2 | 18.514 | 2.548 | 0.513 | 11.4 | 2.599 | 0.1 | 1.440 | -0.323 | -12.6 | 1.475 |
| 248016.2 | 842408.2 | 133.8 | 21.675 | 8.212 | 20.8 | 23.178 | 1.2 | 18.445 | 2.532 | 0.509 | 11.4 | 2.583 | 0.1 | 1.513 | -0.334 | -12.5 | 1.549 |
| 248015.6 | 842407.4 | 133.9 | 21.598 | 8.192 | 20.8 | 23.099 | 1.2 | 18.382 | 2.515 | 0.505 | 11.4 | 2.565 | 0.1 | 1.600 | -0.349 | -12.3 | 1.638 |
| 248015.0 | 842406.6 | 134.2 | 21.920 | 8.294 | 20.7 | 23.436 | 1.2 | 18.650 | 2.502 | 0.502 | 11.4 | 2.552 | 0.2 | 2.215 | -0.467 | -11.9 | 2.263 |
| 248014.4 | 842405.8 | 134.5 | 22.250 | 8.398 | 20.7 | 23.782 | 1.2 | 18.925 | 2.489 | 0.499 | 11.3 | 2.539 | 0.3 | 2.831 | -0.584 | -11.7 | 2.891 |
| 248013.8 | 842405.0 | 134.6 | 22.199 | 8.387 | 20.7 | 23.731 | 1.2 | 18.884 | 2.470 | 0.495 | 11.3 | 2.520 | 0.3 | 2.967 | -0.606 | -11.5 | 3.028 |
| 248013.2 | 842404.2 | 134.4 | 21.723 | 8.245 | 20.8 | 23.235 | 1.1 | 18.490 | 2.445 | 0.490 | 11.3 | 2.493 | 0.2 | 2.567 | -0.521 | -11.5 | 2.619 |
| 248012.6 | 842403.4 | 134.5 | 21.535 | 8.191 | 20.8 | 23.040 | 1.1 | 18.334 | 2.423 | 0.485 | 11.3 | 2.471 | 0.1 | 2.536 | -0.508 | -11.3 | 2.587 |
| 248012.0 | 842402.6 | 134.6 | 21.564 | 8.203 | 20.8 | 23.071 | 1.1 | 18.360 | 2.403 | 0.481 | 11.3 | 2.451 | 0.2 | 2.791 | -0.551 | -11.2 | 2.845 |
| 248011.4 | 842401.8 | 134.6 | 21.407 | 8.159 | 20.9 | 22.909 | 1.1 | 18.230 | 2.381 | 0.476 | 11.3 | 2.428 | 0.2 | 2.810 | -0.548 | -11.0 | 2.863 |
| 248010.8 | 842400.9 | 134.6 | 21.177 | 8.091 | 20.9 | 22.670 | 1.1 | 18.040 | 2.358 | 0.471 | 11.3 | 2.404 | 0.1 | 2.739 | -0.526 | -10.9 | 2.789 |
| 248010.3 | 842400.1 | 134.6 | 20.832 | 7.987 | 21.0 | 22.310 | 1.1 | 17.754 | 2.332 | 0.466 | 11.3 | 2.379 | 0.1 | 2.519 | -0.475 | -10.7 | 2.564 |
| 248009.7 | 842399.3 | 134.5 | 20.485 | 7.882 | 21.0 | 21.949 | 1.1 | 17.467 | 2.307 | 0.460 | 11.3 | 2.353 | 0.1 | 2.295 | -0.424 | -10.5 | 2.334 |
| 248009.1 | 842398.5 | 134.5 | 20.327 | 7.836 | 21.1 | 21.786 | 1.1 | 17.336 | 2.285 | 0.456 | 11.3 | 2.330 | 0.1 | 2.323 | -0.422 | -10.3 | 2.361 |
| 248008.5 | 842397.7 | 134.6 | 20.210 | 7.803 | 21.1 | 21.664 | 1.1 | 17.240 | 2.263 | 0.451 | 11.3 | 2.308 | 0.1 | 2.407 | -0.430 | -10.1 | 2.445 |
| 248007.9 | 842396.9 | 134.6 | 20.022 | 7.747 | 21.2 | 21.469 | 1.1 | 17.084 | 2.241 | 0.446 | 11.3 | 2.285 | 0.1 | 2.396 | -0.421 | -10.0 | 2.433 |
| 248007.3 | 842396.1 | 134.6 | 19.766 | 7.669 | 21.2 | 21.202 | 1.1 | 16.872 | 2.218 | 0.441 | 11.2 | 2.261 | 0.1 | 2.294 | -0.394 | -9.7 | 2.327 |
| 248006.7 | 842395.3 | 134.6 | 19.521 | 7.594 | 21.3 | 20.946 | 1.2 | 16.668 | 2.195 | 0.435 | 11.2 | 2.238 | 0.1 | 2.203 | -0.369 | -9.5 | 2.234 |
| 248006.1 | 842394.5 | 134.6 | 19.289 | 7.523 | 21.3 | 20.705 | 1.2 | 16.476 | 2.173 | 0.430 | 11.2 | 2.215 | 0.1 | 2.130 | -0.348 | -9.3 | 2.159 |
| 248005.5 | 842393.7 | 134.5 | 19.066 | 7.455 | 21.4 | 20.472 | 1.3 | 16.291 | 2.151 | 0.425 | 11.2 | 2.193 | 0.1 | 2.067 | -0.329 | -9.0 | 2.093 |
| 248004.9 | 842392.9 | 134.5 | 18.846 | 7.387 | 21.4 | 20.242 | 1.4 | 16.108 | 2.130 | 0.420 | 11.2 | 2.171 | 0.1 | 2.004 | -0.311 | -8.8 | 2.028 |
| 248004.3 | 842392.1 | 134.5 | 18.628 | 7.319 | 21.5 | 20.014 | 1.4 | 15.927 | 2.109 | 0.415 | 11.1 | 2.149 | 0.1 | 1.943 | -0.293 | -8.6 | 1.965 |
| 248003.7 | 842391.3 | 134.5 | 18.401 | 7.249 | 21.5 | 19.778 | 1.5 | 15.738 | 2.088 | 0.410 | 11.1 | 2.128 | 0.1 | 1.866 | -0.273 | -8.3 | 1.885 |
| 248003.1 | 842390.5 | 134.5 | 18.200 | 7.186 | 21.5 | 19.568 | 1.6 | 15.572 | 2.068 | 0.406 | 11.1 | 2.108 | 0.1 | 1.822 | -0.260 | -8.1 | 1.840 |
| 248002.5 | 842389.7 | 134.5 | 17.985 | 7.119 | 21.6 | 19.343 | 1.7 | 15.392 | 2.048 | 0.401 | 11.1 | 2.087 | 0.1 | 1.754 | -0.242 | -7.9 | 1.771 |
| 248002.0 | 842388.9 | 134.5 | 17.790 | 7.057 | 21.6 | 19.139 | 1.7 | 15.230 | 2.029 | 0.396 | 11.0 | 2.067 | 0.1 | 1.712 | -0.230 | -7.6 | 1.727 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248001.4 | 842388.1 | 134.4 | 17.461 | 6.951 | 21.7 | 18.794 | 1.9 | 14.956 | 2.009 | 0.391 | 11.0 | 2.046 | 0.1 | 1.469 | -0.179 | -7.0 | 1.480 |
| 248000.8 | 842387.3 | 134.4 | 17.354 | 6.919 | 21.7 | 18.682 | 1.9 | 14.867 | 1.991 | 0.387 | 11.0 | 2.029 | 0.1 | 1.550 | -0.191 | -7.0 | 1.562 |
| 248000.2 | 842386.4 | 134.4 | 17.202 | 6.871 | 21.8 | 18.523 | 2.0 | 14.740 | 1.974 | 0.382 | 11.0 | 2.010 | 0.1 | 1.561 | -0.190 | -7.0 | 1.573 |
| 247999.6 | 842385.6 | 134.5 | 17.095 | 6.838 | 21.8 | 18.411 | 2.0 | 14.651 | 1.957 | 0.378 | 10.9 | 1.993 | 0.1 | 1.637 | -0.202 | -7.0 | 1.649 |
| 247999.0 | 842384.8 | 134.4 | 16.843 | 6.757 | 21.9 | 18.148 | 2.2 | 14.441 | 1.938 | 0.373 | 10.9 | 1.974 | 0.1 | 1.493 | -0.172 | -6.6 | 1.503 |
| 247998.4 | 842384.0 | 134.5 | 16.727 | 6.720 | 21.9 | 18.026 | 2.2 | 14.345 | 1.922 | 0.369 | 10.9 | 1.957 | 0.1 | 1.550 | -0.181 | -6.6 | 1.561 |
| 247997.8 | 842383.2 | 134.5 | 16.546 | 6.662 | 21.9 | 17.836 | 2.3 | 14.194 | 1.905 | 0.365 | 10.8 | 1.940 | 0.1 | 1.506 | -0.170 | -6.4 | 1.516 |
| 247997.2 | 842382.4 | 134.5 | 16.356 | 6.600 | 22.0 | 17.638 | 2.4 | 14.036 | 1.888 | 0.360 | 10.8 | 1.922 | 0.1 | 1.446 | -0.157 | -6.2 | 1.454 |
| 247996.6 | 842381.6 | 134.5 | 16.187 | 6.546 | 22.0 | 17.460 | 2.5 | 13.895 | 1.871 | 0.356 | 10.8 | 1.905 | 0.1 | 1.414 | -0.149 | -6.0 | 1.422 |
| 247996.0 | 842380.8 | 134.5 | 16.011 | 6.488 | 22.1 | 17.276 | 2.6 | 13.748 | 1.855 | 0.352 | 10.7 | 1.888 | 0.1 | 1.368 | -0.139 | -5.8 | 1.375 |
| 247995.4 | 842380.0 | 134.5 | 15.870 | 6.443 | 22.1 | 17.128 | 2.7 | 13.630 | 1.839 | 0.348 | 10.7 | 1.872 | 0.1 | 1.374 | -0.139 | -5.8 | 1.381 |
| 247994.8 | 842379.2 | 134.6 | 15.856 | 6.440 | 22.1 | 17.114 | 2.7 | 13.619 | 1.825 | 0.344 | 10.7 | 1.857 | 0.2 | 1.575 | -0.176 | -6.4 | 1.585 |
| 247994.3 | 842378.4 | 134.6 | 15.633 | 6.366 | 22.2 | 16.880 | 2.8 | 13.432 | 1.808 | 0.340 | 10.6 | 1.840 | 0.2 | 1.449 | -0.152 | -6.0 | 1.457 |
| 247993.7 | 842377.6 | 134.7 | 15.645 | 6.373 | 22.2 | 16.893 | 2.8 | 13.443 | 1.795 | 0.336 | 10.6 | 1.826 | 0.2 | 1.688 | -0.196 | -6.6 | 1.699 |
| 247993.1 | 842376.8 | 134.7 | 15.454 | 6.309 | 22.2 | 16.692 | 2.9 | 13.283 | 1.779 | 0.332 | 10.6 | 1.810 | 0.2 | 1.606 | -0.180 | -6.4 | 1.616 |
| 247992.5 | 842376.0 | 134.5 | 15.100 | 6.189 | 22.3 | 16.319 | 3.1 | 12.986 | 1.762 | 0.328 | 10.5 | 1.792 | 0.2 | 1.260 | -0.115 | -5.2 | 1.265 |
| 247991.9 | 842375.2 | 134.4 | 14.770 | 6.076 | 22.4 | 15.971 | 3.3 | 12.709 | 1.746 | 0.323 | 10.5 | 1.775 | 0.2 | 0.939 | -0.056 | -3.4 | 0.941 |
| 247991.3 | 842374.4 | 134.4 | 14.711 | 6.058 | 22.4 | 15.910 | 3.3 | 12.660 | 1.732 | 0.320 | 10.5 | 1.761 | 0.2 | 1.061 | -0.079 | -4.3 | 1.064 |
| 247990.7 | 842373.6 | 134.5 | 14.642 | 6.036 | 22.4 | 15.837 | 3.4 | 12.603 | 1.718 | 0.316 | 10.4 | 1.747 | 0.2 | 1.165 | -0.098 | -4.8 | 1.169 |
| 247990.1 | 842372.8 | 134.5 | 14.482 | 5.982 | 22.4 | 15.669 | 3.5 | 12.469 | 1.703 | 0.312 | 10.4 | 1.732 | 0.2 | 1.116 | -0.090 | -4.6 | 1.119 |
| 247989.5 | 842371.9 | 134.7 | 14.504 | 5.992 | 22.4 | 15.693 | 3.5 | 12.488 | 1.691 | 0.309 | 10.4 | 1.719 | 0.3 | 1.367 | -0.136 | -5.7 | 1.374 |
| 247988.9 | 842371.1 | 134.6 | 14.286 | 5.917 | 22.5 | 15.463 | 3.6 | 12.305 | 1.676 | 0.305 | 10.3 | 1.704 | 0.2 | 1.218 | -0.110 | -5.1 | 1.223 |
| 247988.3 | 842370.3 | 134.6 | 14.163 | 5.876 | 22.5 | 15.334 | 3.7 | 12.202 | 1.662 | 0.301 | 10.3 | 1.689 | 0.3 | 1.225 | -0.112 | -5.2 | 1.230 |
| 247987.7 | 842369.5 | 134.7 | 14.074 | 5.846 | 22.6 | 15.240 | 3.8 | 12.127 | 1.649 | 0.298 | 10.2 | 1.676 | 0.3 | 1.287 | -0.123 | -5.5 | 1.293 |
| 247987.1 | 842368.7 | 134.7 | 13.910 | 5.790 | 22.6 | 15.067 | 3.9 | 11.990 | 1.635 | 0.294 | 10.2 | 1.661 | 0.3 | 1.222 | -0.112 | -5.2 | 1.227 |
| 247986.6 | 842367.9 | 134.6 | 13.721 | 5.725 | 22.6 | 14.868 | 4.0 | 11.831 | 1.621 | 0.291 | 10.2 | 1.646 | 0.3 | 1.112 | -0.093 | -4.8 | 1.116 |
| 247986.0 | 842367.1 | 134.6 | 13.546 | 5.664 | 22.7 | 14.682 | 4.1 | 11.684 | 1.606 | 0.287 | 10.1 | 1.632 | 0.3 | 1.021 | -0.077 | -4.3 | 1.024 |
| 247985.4 | 842366.3 | 134.5 | 13.364 | 5.600 | 22.7 | 14.490 | 4.2 | 11.530 | 1.592 | 0.283 | 10.1 | 1.617 | 0.2 | 0.917 | -0.059 | -3.7 | 0.918 |
| 247984.8 | 842365.5 | 134.5 | 13.185 | 5.537 | 22.8 | 14.300 | 4.4 | 11.380 | 1.578 | 0.280 | 10.1 | 1.603 | 0.2 | 0.815 | -0.041 | -2.9 | 0.816 |
| 247984.2 | 842364.7 | 134.6 | 13.105 | 5.510 | 22.8 | 14.216 | 4.4 | 11.313 | 1.565 | 0.277 | 10.0 | 1.589 | 0.2 | 0.887 | -0.054 | -3.5 | 0.889 |
| 247983.6 | 842363.9 | 134.6 | 13.029 | 5.484 | 22.8 | 14.136 | 4.5 | 11.249 | 1.551 | 0.273 | 10.0 | 1.575 | 0.3 | 0.966 | -0.068 | -4.1 | 0.969 |
| 247983.0 | 842363.1 | 134.6 | 12.860 | 5.424 | 22.9 | 13.957 | 4.6 | 11.107 | 1.537 | 0.270 | 10.0 | 1.561 | 0.2 | 0.878 | -0.053 | -3.5 | 0.880 |
| 247982.4 | 842362.3 | 134.5 | 12.699 | 5.367 | 22.9 | 13.787 | 4.7 | 10.971 | 1.523 | 0.267 | 9.9 | 1.546 | 0.2 | 0.802 | -0.040 | -2.8 | 0.803 |
| 247981.8 | 842361.5 | 134.5 | 12.569 | 5.321 | 22.9 | 13.649 | 4.8 | 10.861 | 1.509 | 0.263 | 9.9 | 1.532 | 0.2 | 0.780 | -0.036 | -2.6 | 0.781 |
| 247981.2 | 842360.7 | 134.6 | 12.481 | 5.291 | 23.0 | 13.556 | 4.9 | 10.788 | 1.495 | 0.260 | 9.9 | 1.518 | 0.2 | 0.836 | -0.046 | -3.1 | 0.837 |
| 247980.6 | 842359.9 | 134.6 | 12.366 | 5.250 | 23.0 | 13.434 | 5.0 | 10.690 | 1.482 | 0.257 | 9.8 | 1.504 | 0.2 | 0.839 | -0.046 | -3.1 | 0.840 |
| 247980.0 | 842359.1 | 134.6 | 12.268 | 5.215 | 23.0 | 13.330 | 5.1 | 10.608 | 1.468 | 0.254 | 9.8 | 1.490 | 0.2 | 0.874 | -0.052 | -3.4 | 0.875 |
| 247979.4 | 842358.3 | 134.6 | 12.121 | 5.163 | 23.1 | 13.175 | 5.2 | 10.484 | 1.454 | 0.251 | 9.8 | 1.475 | 0.2 | 0.817 | -0.042 | -3.0 | 0.818 |
| 247978.9 | 842357.4 | 134.6 | 11.974 | 5.109 | 23.1 | 13.018 | 5.4 | 10.359 | 1.440 | 0.248 | 9.8 | 1.461 | 0.2 | 0.755 | -0.032 | -2.4 | 0.756 |
| 247978.3 | 842356.6 | 134.5 | 11.770 | 5.034 | 23.2 | 12.801 | 5.5 | 10.187 | 1.425 | 0.244 | 9.7 | 1.446 | 0.2 | 0.584 | -0.003 | -0.3 | 0.584 |
| 247977.7 | 842355.8 | 134.6 | 11.763 | 5.034 | 23.2 | 12.795 | 5.6 | 10.182 | 1.412 | 0.241 | 9.7 | 1.432 | 0.2 | 0.788 | -0.038 | -2.8 | 0.789 |
| 247977.1 | 842355.0 | 134.6 | 11.681 | 5.004 | 23.2 | 12.708 | 5.6 | 10.113 | 1.398 | 0.238 | 9.7 | 1.419 | 0.3 | 0.847 | -0.049 | -3.3 | 0.848 |
| 247976.5 | 842354.2 | 134.6 | 11.551 | 4.957 | 23.2 | 12.569 | 5.8 | 10.002 | 1.385 | 0.235 | 9.6 | 1.404 | 0.3 | 0.810 | -0.043 | -3.1 | 0.811 |
| 247975.9 | 842353.4 | 134.7 | 11.488 | 4.935 | 23.2 | 12.503 | 5.9 | 9.949 | 1.371 | 0.232 | 9.6 | 1.391 | 0.3 | 0.903 | -0.060 | -3.8 | 0.905 |
| 247975.3 | 842352.6 | 134.8 | 11.425 | 4.912 | 23.3 | 12.437 | 5.9 | 9.897 | 1.358 | 0.229 | 9.6 | 1.377 | 0.4 | 0.994 | -0.077 | -4.4 | 0.997 |
| 247974.7 | 842351.8 | 134.8 | 11.363 | 4.890 | 23.3 | 12.370 | 6.0 | 9.844 | 1.345 | 0.226 | 9.5 | 1.364 | 0.4 | 1.084 | -0.093 | -4.9 | 1.088 |
| 247974.1 | 842351.0 | 134.9 | 11.299 | 4.868 | 23.3 | 12.303 | 6.1 | 9.790 | 1.332 | 0.223 | 9.5 | 1.351 | 0.5 | 1.169 | -0.109 | -5.3 | 1.174 |
| 247973.5 | 842350.2 | 134.8 | 11.108 | 4.797 | 23.4 | 12.100 | 6.3 | 9.629 | 1.318 | 0.219 | 9.4 | 1.336 | 0.4 | 1.005 | -0.084 | -4.8 | 1.009 |
| 247972.9 | 842349.4 | 134.7 | 10.922 | 4.727 | 23.4 | 11.901 | 6.5 | 9.470 | 1.304 | 0.216 | 9.4 | 1.322 | 0.4 | 0.844 | -0.060 | -4.1 | 0.846 |
| 247972.3 | 842348.6 | 134.7 | 10.831 | 4.694 | 23.4 | 11.805 | 6.6 | 9.394 | 1.292 | 0.213 | 9.4 | 1.309 | 0.4 | 0.869 | -0.067 | -4.4 | 0.872 |
| 247971.7 | 842347.8 | 134.7 | 10.729 | 4.656 | 23.5 | 11.695 | 6.7 | 9.307 | 1.279 | 0.209 | 9.3 | 1.296 | 0.5 | 0.867 | -0.070 | -4.6 | 0.870 |
| 247971.1 | 842347.0 | 134.7 | 10.627 | 4.618 | 23.5 | 11.588 | 6.8 | 9.221 | 1.266 | 0.206 | 9.3 | 1.283 | 0.5 | 0.865 | -0.073 | -4.8 | 0.868 |
| 247970.6 | 842346.2 | 134.6 | 10.486 | 4.565 | 23.5 | 11.437 | 7.0 | 9.101 | 1.253 | 0.203 | 9.2 | 1.269 | 0.5 | 0.778 | -0.063 | -4.6 | 0.780 |
| 247970.0 | 842345.4 | 134.6 | 10.362 | 4.518 | 23.6 | 11.304 | 7.1 | 8.995 | 1.241 | 0.200 | 9.1 | 1.256 | 0.5 | 0.720 | -0.058 | -4.6 | 0.722 |
| 247969.4 | 842344.6 | 134.8 | 10.384 | 4.529 | 23.6 | 11.329 | 7.2 | 9.015 | 1.229 | 0.197 | 9.1 | 1.245 | 0.6 | 0.961 | -0.101 | -6.0 | 0.966 |
| 247968.8 | 842343.8 | 135.0 | 10.377 | 4.529 | 23.6 | 11.322 | 7.2 | 9.010 | 1.218 | 0.194 | 9.0 | 1.233 | 0.7 | 1.139 | -0.133 | -6.7 | 1.147 |
| 247968.2 | 842342.9 | 135.0 | 10.316 | 4.507 | 23.6 | 11.257 | 7.4 | 8.958 | 1.206 | 0.190 | 9.0 | 1.221 | 0.7 | 1.202 | -0.148 | -7.0 | 1.211 |
| 247967.6 | 842342.1 | 135.0 | 10.204 | 4.465 | 23.6 | 11.138 | 7.5 | 8.863 | 1.194 | 0.187 | 8.9 | 1.209 | 0.7 | 1.158 | -0.146 | -7.2 | 1.167 |
| 247967.0 | 842341.3 | 134.8 | 10.022 | 4.396 | 23.7 | 10.944 | 7.7 | 8.709 | 1.182 | 0.184 | 8.8 | 1.196 | 0.7 | 0.965 | -0.120 | -7.1 | 0.972 |
| 247966.4 | 842340.5 | 134.8 | 9.932 | 4.363 | 23.7 | 10.848 | 7.8 | 8.633 | 1.170 | 0.180 | 8.8 | 1.184 | 0.7 | 0.956 | -0.124 | -7.4 | 0.964 |
| 247965.8 | 842339.7 | 134.9 | 9.878 | 4.344 | 23.7 | 10.791 | 7.9 | 8.587 | 1.159 | 0.177 | 8.7 | 1.173 | 0.7 | 1.018 | -0.139 | -7.8 | 1.027 |
| 247965.2 | 842338.9 | 135.0 | 9.827 | 4.327 | 23.8 | 10.738 | 8.0 | 8.545 | 1.148 | 0.174 | 8.6 | 1.161 | 0.8 | 1.084 | -0.154 | -8.1 | 1.095 |
| 247964.6 | 842338.1 | 135.0 | 9.774 | 4.309 | 23.8 | 10.682 | 8.1 | 8.500 | 1.137 | 0.171 | 8.5 | 1.150 | 0.8 | 1.140 | -0.168 | -8.4 | 1.153 |
| 247964.0 | 842337.3 | 135.0 | 9.686 | 4.277 | 23.8 | 10.588 | 8.2 | 8.426 | 1.126 | 0.168 | 8.5 | 1.139 | 0.8 | 1.118 | -0.170 | -8.6 | 1.130 |
| 247963.4 | 842336.5 | 135.0 | 9.609 | 4.249 | 23.9 | 10.507 | 8.3 | 8.361 | 1.116 | 0.164 | 8.4 | 1.128 | 0.8 | 1.113 | -0.174 | -8.9 | 1.127 |
| 247962.9 | 842335.7 | 135.0 | 9.519 | 4.216 | 23.9 | 10.411 | 8.4 | 8.285 | 1.105 | 0.161 | 8.3 | 1.116 | 0.8 | 1.076 | -0.174 | -9.2 | 1.090 |
| 247962.3 | 842334.9 | 135.0 | 9.431 | 4.184 | 23.9 | 10.318 | 8.4 | 8.211 | 1.094 | 0.158 | 8.2 | 1.105 | 0.8 | 1.037 | -0.174 | -9.5 | 1.051 |
| 247961.7 | 842334.1 | 135.1 | 9.384 | 4.169 | 24.0 | 10.269 | 8.5 | 8.172 | 1.083 | 0.155 | 8.1 | 1.094 | 0.9 | 1.081 | -0.185 | -9.7 | 1.096 |
| 247961.1 | 842333.3 | 135.1 | 9.338 | 4.154 | 24.0 | 10.220 | 8.5 | 8.133 | 1.073 | 0.151 | 8.0 | 1.084 | 0.9 | 1.119 | -0.195 | -9.9 | 1.136 |
| 247960.5 | 842332.5 | 135.2 | 9.306 | 4.145 | 24.0 | 10.188 | 8.5 | 8.107 | 1.063 | 0.148 | 7.9 | 1.074 | 1.0 | 1.185 | -0.209 | -10.0 | 1.203 |
| 247959.9 | 842331.7 | 135.2 | 9.259 | 4.130 | 24.0 | 10.139 | 8.5 | 8.068 | 1.053 | 0.145 | 7.9 | 1.063 | 1.0 | 1.210 | -0.218 | -10.2 | 1.230 |
| 247959.3 | 842330.9 | 135.1 | 9.151 | 4.090 | 24.1 | 10.024 | 8.6 | 7.977 | 1.042 | 0.142 | 7.7 | 1.051 | 1.0 | 1.100 | -0.207 | -10.7 | 1.119 |

Max EF along centerline is 5.786 (kV/m) at 208.000 (m) from structure [redacted]-8

Cross section results at max EF along centerline between structures [redacted]-8 and [redacted]-9T




3D EMF Point Results Span from [redacted]/[redacted]-8 to [redacted]-9T:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 248179.5 | 842604.6 | 133.3 | 18.093 | 8.209 | 24.4 | 19.868 | 19.9 | 15.811 | 0.986 | 0.618 | 32.1 | 1.164 | 5.2 | 0.853 | -0.451 | -27.9 | 0.965 |
| 248178.7 | 842605.2 | 133.3 | 19.630 | 8.665 | 23.8 | 21.457 | 19.6 | 17.075 | 1.228 | 0.686 | 29.2 | 1.406 | 4.9 | 1.118 | -0.534 | -25.5 | 1.239 |
| 248177.9 | 842605.8 | 133.3 | 21.311 | 9.137 | 23.2 | 23.187 | 19.1 | 18.452 | 1.510 | 0.755 | 26.6 | 1.688 | 4.7 | 1.435 | -0.620 | -23.4 | 1.564 |
| 248177.1 | 842606.4 | 133.3 | 23.151 | 9.622 | 22.6 | 25.071 | 18.5 | 19.951 | 1.837 | 0.822 | 24.1 | 2.012 | 4.4 | 1.819 | -0.712 | -21.4 | 1.954 |
| 248176.3 | 842607.0 | 133.4 | 25.154 | 10.119 | 21.9 | 27.113 | 17.7 | 21.576 | 2.210 | 0.885 | 21.8 | 2.381 | 4.2 | 2.278 | -0.807 | -19.5 | 2.417 |
| 248175.5 | 842607.6 | 133.4 | 27.324 | 10.624 | 21.2 | 29.317 | 16.9 | 23.330 | 2.632 | 0.944 | 19.7 | 2.796 | 4.0 | 2.822 | -0.905 | -17.8 | 2.964 |
| 248174.7 | 842608.2 | 133.4 | 29.662 | 11.136 | 20.6 | 31.683 | 15.9 | 25.213 | 3.098 | 0.995 | 17.8 | 3.254 | 3.9 | 3.469 | -1.006 | -16.2 | 3.612 |
| 248173.9 | 842608.8 | 133.5 | 32.095 | 11.634 | 19.9 | 34.138 | 14.8 | 27.166 | 3.600 | 1.037 | 16.1 | 3.747 | 3.6 | 4.167 | -1.092 | -14.7 | 4.307 |
| 248173.1 | 842609.4 | 133.5 | 34.596 | 12.118 | 19.3 | 36.657 | 13.5 | 29.171 | 4.123 | 1.069 | 14.5 | 4.260 | 3.3 | 4.923 | -1.169 | -13.4 | 5.059 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248172.3 | 842609.9 | 133.5 | 36.972 | 12.554 | 18.8 | 39.045 | 12.1 | 31.071 | 4.641 | 1.089 | 13.2 | 4.767 | 2.9 | 5.591 | -1.207 | -12.2 | 5.720 |
| 248171.5 | 842610.5 | 133.4 | 38.805 | 12.871 | 18.3 | 40.884 | 10.6 | 32.534 | 5.109 | 1.098 | 12.1 | 5.225 | 2.4 | 5.828 | -1.147 | -11.1 | 5.940 |
| 248170.6 | 842611.1 | 133.4 | 40.311 | 13.145 | 18.1 | 42.400 | 9.0 | 33.741 | 5.500 | 1.097 | 11.3 | 5.608 | 1.9 | 5.920 | -1.076 | -10.3 | 6.017 |
| 248169.8 | 842611.7 | 133.3 | 41.393 | 13.373 | 17.9 | 43.500 | 7.5 | 34.616 | 5.777 | 1.090 | 10.7 | 5.879 | 1.5 | 5.844 | -0.997 | -9.7 | 5.928 |
| 248169.0 | 842612.3 | 133.3 | 42.225 | 13.601 | 17.9 | 44.362 | 5.9 | 35.302 | 5.919 | 1.077 | 10.3 | 6.017 | 1.3 | 5.834 | -0.958 | -9.3 | 5.912 |
| 248168.2 | 842612.9 | 133.2 | 42.597 | 13.792 | 17.9 | 44.774 | 4.4 | 35.630 | 5.907 | 1.060 | 10.2 | 6.001 | 1.2 | 5.724 | -0.925 | -9.2 | 5.798 |
| 248167.4 | 842613.5 | 133.2 | 42.532 | 13.951 | 18.2 | 44.761 | 2.9 | 35.620 | 5.743 | 1.040 | 10.3 | 5.836 | 1.2 | 5.545 | -0.904 | -9.3 | 5.618 |
| 248166.6 | 842614.1 | 133.2 | 42.004 | 14.067 | 18.5 | 44.297 | 1.5 | 35.251 | 5.445 | 1.015 | 10.6 | 5.538 | 1.3 | 5.253 | -0.881 | -9.5 | 5.326 |
| 248165.8 | 842614.7 | 133.2 | 41.076 | 14.138 | 19.0 | 43.441 | 0.8 | 34.569 | 5.044 | 0.984 | 11.0 | 5.139 | 1.5 | 4.863 | -0.853 | -9.9 | 4.937 |
| 248165.0 | 842615.3 | 133.2 | 39.845 | 14.170 | 19.6 | 42.289 | 1.6 | 33.653 | 4.579 | 0.947 | 11.7 | 4.676 | 1.6 | 4.410 | -0.818 | -10.5 | 4.485 |
| 248164.2 | 842615.9 | 133.2 | 38.413 | 14.167 | 20.2 | 40.942 | 2.6 | 32.581 | 4.083 | 0.902 | 12.5 | 4.181 | 1.8 | 3.929 | -0.777 | -11.2 | 4.005 |
| 248163.4 | 842616.5 | 133.2 | 36.873 | 14.135 | 21.0 | 39.489 | 3.5 | 31.425 | 3.586 | 0.850 | 13.3 | 3.686 | 1.8 | 3.447 | -0.729 | -11.9 | 3.523 |
| 248162.6 | 842617.1 | 133.2 | 35.301 | 14.082 | 21.7 | 38.006 | 4.4 | 30.244 | 3.110 | 0.790 | 14.3 | 3.209 | 1.9 | 2.987 | -0.674 | -12.7 | 3.062 |
| 248161.8 | 842617.6 | 133.2 | 33.756 | 14.015 | 22.5 | 36.550 | 5.1 | 29.085 | 2.668 | 0.724 | 15.2 | 2.764 | 1.9 | 2.560 | -0.615 | -13.5 | 2.633 |
| 248161.0 | 842618.2 | 133.2 | 32.301 | 13.949 | 23.4 | 35.184 | 5.6 | 27.999 | 2.266 | 0.654 | 16.1 | 2.358 | 1.8 | 2.195 | -0.557 | -14.2 | 2.265 |
| 248160.2 | 842618.8 | 133.2 | 30.991 | 13.904 | 24.2 | 33.967 | 6.1 | 27.030 | 1.908 | 0.581 | 16.9 | 1.994 | 1.7 | 1.916 | -0.511 | -14.9 | 1.983 |
| 248159.4 | 842619.4 | 133.3 | 29.783 | 13.867 | 25.0 | 32.853 | 6.4 | 26.144 | 1.591 | 0.505 | 17.6 | 1.669 | 1.5 | 1.663 | -0.461 | -15.5 | 1.726 |
| 248158.6 | 842620.0 | 133.3 | 28.688 | 13.841 | 25.8 | 31.852 | 6.6 | 25.347 | 1.313 | 0.428 | 18.1 | 1.381 | 1.1 | 1.433 | -0.405 | -15.8 | 1.489 |
| 248157.8 | 842620.6 | 133.4 | 27.722 | 13.839 | 26.5 | 30.985 | 6.8 | 24.657 | 1.070 | 0.351 | 18.2 | 1.126 | 0.5 | 1.231 | -0.348 | -15.8 | 1.279 |
| 248157.0 | 842621.2 | 133.4 | 26.884 | 13.863 | 27.3 | 30.248 | 6.8 | 24.070 | 0.856 | 0.275 | 17.8 | 0.899 | 1.0 | 1.049 | -0.286 | -15.2 | 1.087 |
| 248156.1 | 842621.8 | 133.4 | 26.172 | 13.920 | 28.0 | 29.644 | 6.7 | 23.590 | 0.668 | 0.199 | 16.6 | 0.698 | 3.1 | 0.882 | -0.219 | -14.0 | 0.909 |
| 248155.3 | 842622.4 | 133.5 | 25.590 | 14.016 | 28.7 | 29.177 | 6.6 | 23.218 | 0.502 | 0.129 | 14.4 | 0.518 | 7.5 | 0.730 | -0.148 | -11.5 | 0.745 |

Centerline results between structures [redacted]-9T and [redacted]/[redacted]-10

**3D EMF Point Results Centerline from [redacted]-9T to [redacted]/[redacted]-10:**

| -------Measurement------- | | | -------------------------B-------------------------- | | | | | H | ------------------------EF------------------------- | | | | | ----------Space Potential---------- | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X | Y | Z | Real | Imaginary | Angle | Magnitude | Polarization | Magnitude | Real | Imaginary | Angle | Magnitude | Polarization | Real | Imaginary | Angle | Magnitude |
| (m) | (m) | (m) | (uT) | (uT) | (deg) | (uT) | Axial Ratio % | (A/m) | (kV/m) | (kV/m) | (deg) | (kV/m) | Axial Ratio % | (kV) | (kV) | (deg) | (kV) |
| 247958.5 | 842329.8 | 135.0 | 9.011 | 4.038 | 24.1 | 9.875 | 8.6 | 7.858 | 1.027 | 0.137 | 7.6 | 1.036 | 0.9 | 0.953 | -0.194 | -11.5 | 0.972 |
| 247957.7 | 842329.2 | 135.1 | 9.085 | 4.064 | 24.1 | 9.953 | 8.6 | 7.920 | 1.040 | 0.141 | 7.7 | 1.050 | 0.9 | 0.995 | -0.206 | -11.7 | 1.016 |
| 247956.9 | 842328.6 | 135.2 | 9.188 | 4.102 | 24.1 | 10.062 | 8.6 | 8.007 | 1.054 | 0.144 | 7.8 | 1.064 | 1.0 | 1.095 | -0.227 | -11.7 | 1.118 |
| 247956.1 | 842328.0 | 135.3 | 9.295 | 4.141 | 24.0 | 10.176 | 8.5 | 8.098 | 1.068 | 0.148 | 7.9 | 1.079 | 1.0 | 1.195 | -0.247 | -11.7 | 1.220 |
| 247955.2 | 842327.5 | 135.3 | 9.361 | 4.164 | 24.0 | 10.245 | 8.5 | 8.153 | 1.082 | 0.152 | 8.0 | 1.093 | 1.0 | 1.201 | -0.255 | -12.0 | 1.228 |
| 247954.4 | 842326.9 | 135.1 | 9.347 | 4.154 | 24.0 | 10.229 | 8.5 | 8.140 | 1.094 | 0.155 | 8.0 | 1.105 | 0.8 | 1.033 | -0.238 | -13.0 | 1.060 |
| 247953.6 | 842326.3 | 135.0 | 9.359 | 4.154 | 23.9 | 10.240 | 8.4 | 8.149 | 1.107 | 0.158 | 8.1 | 1.118 | 0.7 | 0.912 | -0.227 | -14.0 | 0.939 |
| 247952.8 | 842325.7 | 135.1 | 9.472 | 4.196 | 23.9 | 10.360 | 8.3 | 8.244 | 1.121 | 0.161 | 8.2 | 1.133 | 0.8 | 1.000 | -0.246 | -13.8 | 1.029 |
| 247952.0 | 842325.1 | 135.2 | 9.582 | 4.237 | 23.9 | 10.477 | 8.2 | 8.337 | 1.136 | 0.165 | 8.3 | 1.148 | 0.8 | 1.075 | -0.262 | -13.7 | 1.107 |
| 247951.2 | 842324.6 | 135.2 | 9.663 | 4.266 | 23.8 | 10.563 | 8.1 | 8.406 | 1.150 | 0.169 | 8.3 | 1.162 | 0.8 | 1.084 | -0.269 | -14.0 | 1.117 |
| 247950.3 | 842324.0 | 135.3 | 9.747 | 4.297 | 23.8 | 10.652 | 8.0 | 8.477 | 1.164 | 0.172 | 8.4 | 1.177 | 0.8 | 1.091 | -0.276 | -14.2 | 1.125 |
| 247949.5 | 842323.4 | 135.3 | 9.848 | 4.333 | 23.8 | 10.759 | 7.9 | 8.562 | 1.178 | 0.176 | 8.5 | 1.191 | 0.8 | 1.125 | -0.286 | -14.3 | 1.161 |
| 247948.7 | 842322.8 | 135.3 | 9.934 | 4.365 | 23.7 | 10.850 | 7.8 | 8.634 | 1.193 | 0.179 | 8.5 | 1.206 | 0.7 | 1.123 | -0.291 | -14.5 | 1.160 |
| 247947.9 | 842322.3 | 135.4 | 10.034 | 4.402 | 23.7 | 10.957 | 7.6 | 8.720 | 1.208 | 0.183 | 8.6 | 1.222 | 0.7 | 1.144 | -0.300 | -14.7 | 1.183 |
| 247947.1 | 842321.7 | 135.4 | 10.100 | 4.425 | 23.7 | 11.026 | 7.5 | 8.775 | 1.222 | 0.186 | 8.7 | 1.236 | 0.7 | 1.087 | -0.296 | -15.2 | 1.126 |
| 247946.3 | 842321.1 | 135.4 | 10.221 | 4.470 | 23.6 | 11.155 | 7.3 | 8.877 | 1.238 | 0.190 | 8.7 | 1.252 | 0.7 | 1.135 | -0.308 | -15.2 | 1.176 |
| 247945.4 | 842320.5 | 135.5 | 10.367 | 4.525 | 23.6 | 11.311 | 7.2 | 9.001 | 1.254 | 0.194 | 8.8 | 1.269 | 0.7 | 1.228 | -0.326 | -14.9 | 1.270 |
| 247944.6 | 842319.9 | 135.6 | 10.518 | 4.581 | 23.5 | 11.472 | 7.0 | 9.130 | 1.270 | 0.198 | 8.9 | 1.286 | 0.7 | 1.321 | -0.344 | -14.6 | 1.365 |
| 247943.8 | 842319.4 | 135.7 | 10.620 | 4.618 | 23.5 | 11.581 | 6.9 | 9.216 | 1.286 | 0.202 | 8.9 | 1.302 | 0.7 | 1.309 | -0.346 | -14.8 | 1.354 |
| 247943.0 | 842318.8 | 135.7 | 10.695 | 4.645 | 23.5 | 11.660 | 6.7 | 9.279 | 1.302 | 0.205 | 9.0 | 1.318 | 0.6 | 1.238 | -0.339 | -15.3 | 1.283 |
| 247942.2 | 842318.2 | 135.7 | 10.844 | 4.701 | 23.4 | 11.819 | 6.6 | 9.405 | 1.320 | 0.209 | 9.0 | 1.336 | 0.6 | 1.303 | -0.352 | -15.1 | 1.350 |
| 247941.4 | 842317.6 | 135.8 | 10.953 | 4.741 | 23.4 | 11.935 | 6.4 | 9.498 | 1.337 | 0.213 | 9.1 | 1.354 | 0.6 | 1.284 | -0.352 | -15.3 | 1.331 |
| 247940.6 | 842317.0 | 135.9 | 11.120 | 4.803 | 23.4 | 12.112 | 6.3 | 9.639 | 1.355 | 0.218 | 9.1 | 1.372 | 0.6 | 1.366 | -0.368 | -15.1 | 1.415 |
| 247939.7 | 842316.5 | 136.0 | 11.290 | 4.866 | 23.3 | 12.294 | 6.1 | 9.783 | 1.374 | 0.222 | 9.2 | 1.391 | 0.6 | 1.447 | -0.384 | -14.9 | 1.497 |
| 247938.9 | 842315.9 | 136.1 | 11.467 | 4.931 | 23.3 | 12.482 | 5.9 | 9.933 | 1.393 | 0.227 | 9.2 | 1.411 | 0.7 | 1.530 | -0.399 | -14.6 | 1.581 |
| 247938.1 | 842315.3 | 136.3 | 11.680 | 5.010 | 23.2 | 12.709 | 5.8 | 10.113 | 1.413 | 0.231 | 9.3 | 1.432 | 0.7 | 1.669 | -0.424 | -14.3 | 1.722 |
| 247937.3 | 842314.7 | 136.4 | 11.887 | 5.085 | 23.2 | 12.929 | 5.6 | 10.288 | 1.434 | 0.236 | 9.4 | 1.453 | 0.8 | 1.787 | -0.446 | -14.0 | 1.842 |
| 247936.5 | 842314.2 | 136.6 | 12.105 | 5.165 | 23.1 | 13.161 | 5.4 | 10.473 | 1.456 | 0.241 | 9.4 | 1.476 | 0.8 | 1.914 | -0.469 | -13.8 | 1.970 |
| 247935.7 | 842313.6 | 136.7 | 12.317 | 5.242 | 23.1 | 13.386 | 5.2 | 10.652 | 1.478 | 0.246 | 9.5 | 1.498 | 0.8 | 2.018 | -0.488 | -13.6 | 2.076 |
| 247934.8 | 842313.0 | 136.8 | 12.534 | 5.320 | 23.0 | 13.616 | 5.1 | 10.835 | 1.500 | 0.252 | 9.5 | 1.521 | 0.9 | 2.122 | -0.507 | -13.4 | 2.182 |
| 247934.0 | 842312.4 | 137.0 | 12.756 | 5.400 | 22.9 | 13.852 | 4.9 | 11.023 | 1.523 | 0.257 | 9.6 | 1.545 | 0.9 | 2.225 | -0.526 | -13.3 | 2.286 |
| 247933.2 | 842311.8 | 137.0 | 12.912 | 5.455 | 22.9 | 14.017 | 4.8 | 11.154 | 1.545 | 0.262 | 9.6 | 1.567 | 0.9 | 2.204 | -0.525 | -13.4 | 2.265 |
| 247932.4 | 842311.3 | 137.1 | 13.073 | 5.512 | 22.9 | 14.187 | 4.6 | 11.290 | 1.568 | 0.267 | 9.7 | 1.591 | 0.9 | 2.184 | -0.523 | -13.5 | 2.246 |
| 247931.6 | 842310.7 | 137.2 | 13.273 | 5.583 | 22.8 | 14.399 | 4.5 | 11.458 | 1.592 | 0.273 | 9.7 | 1.616 | 0.9 | 2.222 | -0.531 | -13.5 | 2.285 |
| 247930.8 | 842310.1 | 137.2 | 13.477 | 5.654 | 22.8 | 14.615 | 4.3 | 11.630 | 1.617 | 0.278 | 9.8 | 1.641 | 0.9 | 2.258 | -0.540 | -13.4 | 2.322 |
| 247930.0 | 842309.5 | 137.3 | 13.685 | 5.727 | 22.7 | 14.835 | 4.2 | 11.806 | 1.642 | 0.284 | 9.8 | 1.667 | 0.9 | 2.293 | -0.547 | -13.4 | 2.357 |
| 247929.1 | 842308.9 | 137.5 | 13.958 | 5.823 | 22.6 | 15.124 | 4.0 | 12.035 | 1.669 | 0.290 | 9.9 | 1.694 | 0.9 | 2.424 | -0.572 | -13.3 | 2.490 |
| 247928.3 | 842308.4 | 137.8 | 14.354 | 5.961 | 22.6 | 15.542 | 3.8 | 12.368 | 1.699 | 0.297 | 9.9 | 1.725 | 1.0 | 2.740 | -0.630 | -12.9 | 2.811 |
| 247927.5 | 842307.8 | 138.0 | 14.766 | 6.105 | 22.5 | 15.978 | 3.6 | 12.715 | 1.730 | 0.304 | 10.0 | 1.756 | 1.1 | 3.065 | -0.689 | -12.7 | 3.142 |
| 247926.7 | 842307.2 | 138.2 | 15.108 | 6.222 | 22.4 | 16.339 | 3.4 | 13.003 | 1.759 | 0.311 | 10.0 | 1.786 | 1.1 | 3.269 | -0.728 | -12.6 | 3.350 |
| 247925.9 | 842306.6 | 138.3 | 15.367 | 6.310 | 22.3 | 16.612 | 3.2 | 13.220 | 1.787 | 0.317 | 10.1 | 1.815 | 1.1 | 3.339 | -0.744 | -12.6 | 3.421 |
| 247925.1 | 842306.1 | 138.5 | 15.652 | 6.406 | 22.3 | 16.912 | 3.1 | 13.458 | 1.816 | 0.323 | 10.1 | 1.844 | 1.1 | 3.440 | -0.766 | -12.6 | 3.524 |
| 247924.2 | 842305.5 | 138.6 | 15.954 | 6.507 | 22.2 | 17.230 | 2.9 | 13.711 | 1.845 | 0.330 | 10.1 | 1.874 | 1.2 | 3.560 | -0.792 | -12.5 | 3.647 |
| 247923.4 | 842304.9 | 138.7 | 16.265 | 6.610 | 22.1 | 17.557 | 2.8 | 13.971 | 1.875 | 0.336 | 10.2 | 1.905 | 1.2 | 3.685 | -0.818 | -12.5 | 3.775 |
| 247922.6 | 842304.3 | 138.9 | 16.618 | 6.728 | 22.0 | 17.929 | 2.6 | 14.267 | 1.905 | 0.343 | 10.2 | 1.936 | 1.2 | 3.865 | -0.856 | -12.5 | 3.959 |
| 247921.8 | 842303.7 | 138.9 | 16.855 | 6.805 | 22.0 | 18.177 | 2.5 | 14.465 | 1.933 | 0.350 | 10.2 | 1.965 | 1.2 | 3.875 | -0.862 | -12.5 | 3.970 |
| 247921.0 | 842303.2 | 139.0 | 17.082 | 6.878 | 21.9 | 18.415 | 2.4 | 14.654 | 1.961 | 0.356 | 10.3 | 1.993 | 1.2 | 3.870 | -0.867 | -12.6 | 3.965 |
| 247920.2 | 842302.6 | 139.0 | 17.308 | 6.950 | 21.9 | 18.652 | 2.3 | 14.842 | 1.989 | 0.362 | 10.3 | 2.022 | 1.2 | 3.860 | -0.870 | -12.7 | 3.956 |
| 247919.3 | 842302.0 | 139.1 | 17.538 | 7.023 | 21.8 | 18.892 | 2.2 | 15.033 | 2.017 | 0.368 | 10.3 | 2.050 | 1.1 | 3.853 | -0.875 | -12.8 | 3.951 |
| 247918.5 | 842301.4 | 139.1 | 17.739 | 7.086 | 21.8 | 19.102 | 2.1 | 15.201 | 2.044 | 0.373 | 10.4 | 2.078 | 1.1 | 3.807 | -0.872 | -12.9 | 3.906 |
| 247917.7 | 842300.8 | 139.1 | 17.949 | 7.152 | 21.7 | 19.322 | 2.0 | 15.376 | 2.071 | 0.379 | 10.4 | 2.105 | 1.1 | 3.774 | -0.872 | -13.0 | 3.873 |
| 247916.9 | 842300.3 | 139.2 | 18.181 | 7.225 | 21.7 | 19.564 | 1.9 | 15.569 | 2.098 | 0.385 | 10.4 | 2.134 | 1.1 | 3.770 | -0.877 | -13.1 | 3.871 |
| 247916.1 | 842299.7 | 139.2 | 18.412 | 7.297 | 21.6 | 19.805 | 1.9 | 15.760 | 2.126 | 0.391 | 10.4 | 2.162 | 1.1 | 3.765 | -0.882 | -13.2 | 3.867 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247915.3 | 842299.1 | 139.2 | 18.626 | 7.363 | 21.6 | 20.028 | 1.8 | 15.938 | 2.153 | 0.397 | 10.5 | 2.189 | 1.0 | 3.738 | -0.883 | -13.3 | 3.841 |
| 247914.5 | 842298.5 | 139.3 | 18.843 | 7.429 | 21.5 | 20.255 | 1.7 | 16.118 | 2.179 | 0.403 | 10.5 | 2.216 | 1.0 | 3.718 | -0.885 | -13.4 | 3.821 |
| 247913.6 | 842298.0 | 139.3 | 19.128 | 7.518 | 21.5 | 20.552 | 1.6 | 16.355 | 2.207 | 0.410 | 10.5 | 2.244 | 1.0 | 3.789 | -0.904 | -13.4 | 3.895 |
| 247912.8 | 842297.4 | 139.4 | 19.385 | 7.596 | 21.4 | 20.820 | 1.6 | 16.568 | 2.234 | 0.416 | 10.5 | 2.272 | 1.0 | 3.825 | -0.916 | -13.5 | 3.933 |
| 247912.0 | 842296.8 | 139.4 | 19.587 | 7.657 | 21.4 | 21.030 | 1.5 | 16.735 | 2.259 | 0.422 | 10.6 | 2.298 | 0.9 | 3.790 | -0.914 | -13.6 | 3.899 |
| 247911.2 | 842296.2 | 139.4 | 19.836 | 7.732 | 21.3 | 21.289 | 1.5 | 16.942 | 2.286 | 0.428 | 10.6 | 2.325 | 0.9 | 3.821 | -0.925 | -13.6 | 3.931 |
| 247910.4 | 842295.6 | 139.4 | 20.000 | 7.780 | 21.3 | 21.460 | 1.5 | 17.077 | 2.310 | 0.433 | 10.6 | 2.350 | 0.9 | 3.743 | -0.915 | -13.7 | 3.853 |
| 247909.6 | 842295.1 | 139.4 | 20.232 | 7.849 | 21.2 | 21.701 | 1.4 | 17.269 | 2.336 | 0.439 | 10.7 | 2.377 | 0.8 | 3.756 | -0.921 | -13.8 | 3.868 |
| 247908.7 | 842294.5 | 139.5 | 20.476 | 7.921 | 21.1 | 21.955 | 1.4 | 17.471 | 2.361 | 0.445 | 10.7 | 2.403 | 0.8 | 3.789 | -0.931 | -13.8 | 3.902 |
| 247907.9 | 842293.9 | 139.5 | 20.713 | 7.991 | 21.1 | 22.201 | 1.4 | 17.667 | 2.386 | 0.452 | 10.7 | 2.429 | 0.8 | 3.816 | -0.939 | -13.8 | 3.930 |
| 247907.1 | 842293.3 | 139.5 | 20.918 | 8.050 | 21.0 | 22.414 | 1.4 | 17.836 | 2.411 | 0.458 | 10.7 | 2.454 | 0.7 | 3.804 | -0.940 | -13.9 | 3.919 |
| 247906.3 | 842292.7 | 139.5 | 21.125 | 8.110 | 21.0 | 22.628 | 1.4 | 18.007 | 2.435 | 0.464 | 10.8 | 2.479 | 0.7 | 3.799 | -0.941 | -13.9 | 3.914 |
| 247905.5 | 842292.2 | 139.5 | 21.334 | 8.170 | 21.0 | 22.845 | 1.4 | 18.179 | 2.459 | 0.470 | 10.8 | 2.504 | 0.6 | 3.800 | -0.943 | -13.9 | 3.915 |
| 247904.7 | 842291.6 | 139.5 | 21.550 | 8.232 | 20.9 | 23.069 | 1.5 | 18.357 | 2.483 | 0.476 | 10.8 | 2.528 | 0.6 | 3.814 | -0.947 | -13.9 | 3.929 |
| 247903.9 | 842291.0 | 139.6 | 21.946 | 8.349 | 20.8 | 23.480 | 1.5 | 18.685 | 2.511 | 0.483 | 10.9 | 2.557 | 0.6 | 4.054 | -0.994 | -13.8 | 4.175 |
| 247903.0 | 842290.4 | 139.7 | 22.398 | 8.482 | 20.7 | 23.950 | 1.6 | 19.059 | 2.540 | 0.490 | 10.9 | 2.586 | 0.6 | 4.361 | -1.054 | -13.6 | 4.487 |
| 247902.2 | 842289.9 | 139.7 | 22.596 | 8.536 | 20.7 | 24.155 | 1.6 | 19.222 | 2.563 | 0.496 | 11.0 | 2.610 | 0.5 | 4.361 | -1.054 | -13.6 | 4.486 |
| 247901.4 | 842289.3 | 139.7 | 22.734 | 8.572 | 20.7 | 24.296 | 1.6 | 19.334 | 2.584 | 0.502 | 11.0 | 2.633 | 0.5 | 4.291 | -1.039 | -13.6 | 4.415 |
| 247900.6 | 842288.7 | 139.6 | 22.835 | 8.598 | 20.6 | 24.400 | 1.6 | 19.417 | 2.605 | 0.507 | 11.0 | 2.654 | 0.5 | 4.181 | -1.017 | -13.7 | 4.303 |
| 247899.8 | 842288.1 | 139.6 | 22.927 | 8.620 | 20.6 | 24.493 | 1.7 | 19.491 | 2.625 | 0.513 | 11.1 | 2.675 | 0.5 | 4.062 | -0.993 | -13.7 | 4.181 |
| 247899.0 | 842287.5 | 139.5 | 23.017 | 8.641 | 20.6 | 24.586 | 1.7 | 19.565 | 2.646 | 0.518 | 11.1 | 2.696 | 0.4 | 3.944 | -0.968 | -13.8 | 4.061 |
| 247898.1 | 842287.0 | 139.4 | 23.107 | 8.663 | 20.6 | 24.677 | 1.7 | 19.637 | 2.667 | 0.524 | 11.1 | 2.718 | 0.4 | 3.827 | -0.943 | -13.8 | 3.942 |
| 247897.3 | 842286.4 | 139.5 | 23.462 | 8.763 | 20.5 | 25.045 | 1.8 | 19.930 | 2.693 | 0.531 | 11.1 | 2.745 | 0.5 | 4.032 | -0.982 | -13.7 | 4.150 |
| 247896.5 | 842285.8 | 139.5 | 23.760 | 8.846 | 20.4 | 25.353 | 1.8 | 20.175 | 2.719 | 0.537 | 11.2 | 2.772 | 0.6 | 4.165 | -1.008 | -13.6 | 4.285 |
| 247895.7 | 842285.2 | 139.5 | 23.998 | 8.911 | 20.4 | 25.599 | 1.9 | 20.371 | 2.744 | 0.543 | 11.2 | 2.798 | 0.6 | 4.227 | -1.019 | -13.6 | 4.348 |
| 247894.9 | 842284.6 | 139.5 | 24.206 | 8.966 | 20.3 | 25.813 | 2.0 | 20.541 | 2.769 | 0.549 | 11.2 | 2.823 | 0.7 | 4.252 | -1.024 | -13.5 | 4.374 |
| 247894.1 | 842284.1 | 139.5 | 24.325 | 8.995 | 20.3 | 25.934 | 2.0 | 20.638 | 2.792 | 0.555 | 11.2 | 2.847 | 0.7 | 4.172 | -1.009 | -13.6 | 4.293 |
| 247893.2 | 842283.5 | 139.4 | 24.275 | 8.975 | 20.3 | 25.881 | 2.0 | 20.596 | 2.812 | 0.560 | 11.3 | 2.867 | 0.7 | 3.894 | -0.954 | -13.8 | 4.010 |
| 247892.4 | 842282.9 | 139.3 | 24.316 | 8.982 | 20.3 | 25.922 | 2.0 | 20.628 | 2.835 | 0.565 | 11.3 | 2.891 | 0.7 | 3.720 | -0.921 | -13.9 | 3.832 |
| 247891.6 | 842282.3 | 139.3 | 24.535 | 9.040 | 20.2 | 26.147 | 2.1 | 20.807 | 2.862 | 0.571 | 11.3 | 2.919 | 0.8 | 3.753 | -0.930 | -13.9 | 3.866 |
| 247890.8 | 842281.8 | 139.3 | 24.862 | 9.128 | 20.2 | 26.484 | 2.1 | 21.076 | 2.893 | 0.577 | 11.3 | 2.950 | 0.8 | 3.910 | -0.965 | -13.9 | 4.028 |
| 247890.0 | 842281.2 | 139.4 | 25.296 | 9.247 | 20.1 | 26.934 | 2.2 | 21.433 | 2.927 | 0.584 | 11.3 | 2.985 | 0.9 | 4.188 | -1.026 | -13.8 | 4.312 |
| 247889.2 | 842280.6 | 139.4 | 25.592 | 9.326 | 20.0 | 27.238 | 2.3 | 21.675 | 2.959 | 0.590 | 11.3 | 3.017 | 1.0 | 4.300 | -1.054 | -13.8 | 4.427 |
| 247888.4 | 842280.0 | 139.5 | 25.891 | 9.405 | 20.0 | 27.546 | 2.4 | 21.920 | 2.991 | 0.596 | 11.3 | 3.050 | 1.0 | 4.413 | -1.082 | -13.8 | 4.544 |
| 247887.5 | 842279.4 | 139.6 | 26.426 | 9.549 | 19.9 | 28.098 | 2.5 | 22.360 | 3.029 | 0.603 | 11.3 | 3.089 | 1.1 | 4.786 | -1.164 | -13.7 | 4.926 |
| 247886.7 | 842278.9 | 139.7 | 26.956 | 9.691 | 19.8 | 28.645 | 2.6 | 22.795 | 3.069 | 0.610 | 11.3 | 3.129 | 1.3 | 5.145 | -1.243 | -13.6 | 5.293 |
| 247885.9 | 842278.3 | 139.7 | 27.189 | 9.750 | 19.7 | 28.884 | 2.7 | 22.985 | 3.100 | 0.616 | 11.2 | 3.161 | 1.3 | 5.176 | -1.256 | -13.6 | 5.326 |
| 247885.1 | 842277.7 | 139.7 | 27.422 | 9.808 | 19.7 | 29.124 | 2.8 | 23.176 | 3.131 | 0.622 | 11.2 | 3.193 | 1.3 | 5.207 | -1.269 | -13.7 | 5.359 |
| 247884.3 | 842277.1 | 139.6 | 27.657 | 9.866 | 19.6 | 29.364 | 2.8 | 23.367 | 3.163 | 0.628 | 11.2 | 3.225 | 1.3 | 5.240 | -1.282 | -13.8 | 5.395 |
| 247883.5 | 842276.5 | 139.6 | 27.750 | 9.885 | 19.6 | 29.458 | 2.8 | 23.442 | 3.190 | 0.633 | 11.2 | 3.253 | 1.2 | 5.121 | -1.264 | -13.9 | 5.274 |
| 247882.6 | 842276.0 | 139.5 | 27.818 | 9.897 | 19.6 | 29.526 | 2.8 | 23.496 | 3.217 | 0.637 | 11.2 | 3.280 | 1.2 | 4.976 | -1.240 | -14.0 | 5.128 |
| 247881.8 | 842275.4 | 139.5 | 27.890 | 9.911 | 19.6 | 29.598 | 2.9 | 23.554 | 3.244 | 0.643 | 11.2 | 3.307 | 1.1 | 4.837 | -1.216 | -14.1 | 4.987 |
| 247881.0 | 842274.8 | 139.4 | 28.090 | 9.959 | 19.5 | 29.803 | 2.9 | 23.717 | 3.273 | 0.648 | 11.2 | 3.337 | 1.1 | 4.840 | -1.220 | -14.1 | 4.992 |
| 247880.2 | 842274.2 | 139.4 | 28.296 | 10.009 | 19.5 | 30.014 | 2.9 | 23.884 | 3.302 | 0.654 | 11.2 | 3.367 | 1.1 | 4.852 | -1.224 | -14.2 | 5.004 |
| 247879.4 | 842273.7 | 139.4 | 28.590 | 10.081 | 19.4 | 30.315 | 3.0 | 24.124 | 3.333 | 0.661 | 11.2 | 3.398 | 1.1 | 4.962 | -1.247 | -14.1 | 5.116 |
| 247878.6 | 842273.1 | 139.4 | 28.809 | 10.134 | 19.4 | 30.539 | 3.1 | 24.303 | 3.362 | 0.667 | 11.2 | 3.427 | 1.1 | 4.993 | -1.251 | -14.1 | 5.148 |
| 247877.8 | 842272.5 | 139.3 | 28.848 | 10.138 | 19.4 | 30.578 | 3.1 | 24.333 | 3.385 | 0.672 | 11.2 | 3.452 | 1.0 | 4.833 | -1.216 | -14.1 | 4.984 |
| 247876.9 | 842271.9 | 139.3 | 28.826 | 10.126 | 19.4 | 30.553 | 3.1 | 24.313 | 3.407 | 0.677 | 11.2 | 3.474 | 1.0 | 4.609 | -1.166 | -14.2 | 4.754 |
| 247876.1 | 842271.3 | 139.2 | 28.936 | 10.149 | 19.3 | 30.664 | 3.1 | 24.402 | 3.432 | 0.683 | 11.3 | 3.500 | 1.0 | 4.528 | -1.144 | -14.2 | 4.670 |
| 247875.3 | 842270.8 | 139.2 | 29.108 | 10.189 | 19.3 | 30.840 | 3.1 | 24.542 | 3.459 | 0.690 | 11.3 | 3.528 | 1.0 | 4.515 | -1.133 | -14.1 | 4.655 |
| 247874.5 | 842270.2 | 139.1 | 29.255 | 10.222 | 19.3 | 30.989 | 3.1 | 24.661 | 3.486 | 0.696 | 11.3 | 3.555 | 1.0 | 4.474 | -1.116 | -14.0 | 4.611 |
| 247873.7 | 842269.6 | 139.1 | 29.439 | 10.264 | 19.2 | 31.177 | 3.2 | 24.810 | 3.514 | 0.703 | 11.3 | 3.584 | 1.0 | 4.470 | -1.105 | -13.9 | 4.604 |
| 247872.9 | 842269.0 | 139.2 | 29.783 | 10.348 | 19.2 | 31.529 | 3.2 | 25.090 | 3.548 | 0.711 | 11.3 | 3.618 | 1.1 | 4.634 | -1.127 | -13.7 | 4.769 |
| 247872.0 | 842268.4 | 139.2 | 30.097 | 10.424 | 19.1 | 31.851 | 3.3 | 25.346 | 3.582 | 0.719 | 11.3 | 3.653 | 1.2 | 4.760 | -1.141 | -13.5 | 4.895 |
| 247871.2 | 842267.9 | 139.2 | 30.415 | 10.499 | 19.0 | 32.176 | 3.4 | 25.605 | 3.617 | 0.727 | 11.4 | 3.690 | 1.2 | 4.882 | -1.153 | -13.3 | 5.016 |
| 247870.4 | 842267.3 | 139.2 | 30.736 | 10.576 | 19.0 | 32.504 | 3.4 | 25.866 | 3.655 | 0.735 | 11.4 | 3.728 | 1.3 | 4.998 | -1.165 | -13.1 | 5.132 |
| 247869.6 | 842266.7 | 139.2 | 31.059 | 10.652 | 18.9 | 32.835 | 3.5 | 26.129 | 3.694 | 0.743 | 11.4 | 3.768 | 1.4 | 5.109 | -1.175 | -13.0 | 5.242 |
| 247868.8 | 842266.1 | 139.2 | 31.112 | 10.660 | 18.9 | 32.888 | 3.5 | 26.171 | 3.726 | 0.751 | 11.4 | 3.801 | 1.4 | 4.929 | -1.126 | -12.9 | 5.056 |
| 247868.0 | 842265.6 | 139.1 | 31.244 | 10.687 | 18.9 | 33.021 | 3.5 | 26.278 | 3.763 | 0.759 | 11.4 | 3.839 | 1.4 | 4.821 | -1.092 | -12.8 | 4.944 |
| 247867.1 | 842265.0 | 139.2 | 31.711 | 10.798 | 18.8 | 33.499 | 3.6 | 26.658 | 3.812 | 0.768 | 11.4 | 3.888 | 1.5 | 5.051 | -1.128 | -12.6 | 5.175 |
| 247866.3 | 842264.4 | 139.2 | 32.120 | 10.894 | 18.7 | 33.917 | 3.6 | 26.990 | 3.860 | 0.777 | 11.4 | 3.938 | 1.5 | 5.208 | -1.149 | -12.4 | 5.333 |
| 247865.5 | 842263.8 | 139.2 | 32.484 | 10.978 | 18.7 | 34.289 | 3.7 | 27.286 | 3.909 | 0.787 | 11.4 | 3.987 | 1.6 | 5.309 | -1.159 | -12.3 | 5.434 |
| 247864.7 | 842263.2 | 139.1 | 32.286 | 10.924 | 18.7 | 34.084 | 3.7 | 27.123 | 3.942 | 0.794 | 11.4 | 4.022 | 1.4 | 4.826 | -1.050 | -12.3 | 4.939 |
| 247863.9 | 842262.7 | 138.9 | 31.912 | 10.826 | 18.7 | 33.698 | 3.6 | 26.816 | 3.974 | 0.802 | 11.4 | 4.054 | 1.2 | 4.140 | -0.900 | -12.3 | 4.237 |
| 247863.1 | 842262.1 | 138.9 | 32.044 | 10.853 | 18.7 | 33.832 | 3.6 | 26.923 | 4.020 | 0.811 | 11.4 | 4.101 | 1.2 | 3.974 | -0.857 | -12.2 | 4.065 |
| 247862.3 | 842261.5 | 139.0 | 32.470 | 10.952 | 18.6 | 34.267 | 3.7 | 27.269 | 4.074 | 0.821 | 11.4 | 4.156 | 1.3 | 4.111 | -0.877 | -12.0 | 4.203 |
| 247861.4 | 842260.9 | 139.0 | 32.937 | 11.061 | 18.6 | 34.744 | 3.7 | 27.649 | 4.131 | 0.832 | 11.4 | 4.214 | 1.3 | 4.282 | -0.905 | -11.9 | 4.377 |
| 247860.6 | 842260.3 | 139.1 | 33.595 | 11.214 | 18.5 | 35.417 | 3.8 | 28.184 | 4.194 | 0.842 | 11.4 | 4.278 | 1.5 | 4.642 | -0.973 | -11.8 | 4.743 |
| 247859.8 | 842259.8 | 139.2 | 34.302 | 11.376 | 18.3 | 36.139 | 3.9 | 28.758 | 4.260 | 0.853 | 11.3 | 4.344 | 1.6 | 5.037 | -1.049 | -11.8 | 5.146 |
| 247859.0 | 842259.2 | 139.2 | 34.446 | 11.405 | 18.3 | 36.285 | 4.0 | 28.875 | 4.311 | 0.863 | 11.3 | 4.397 | 1.6 | 4.857 | -1.009 | -11.7 | 4.961 |
| 247858.2 | 842258.6 | 139.1 | 34.578 | 11.430 | 18.3 | 36.418 | 4.0 | 28.980 | 4.364 | 0.872 | 11.3 | 4.450 | 1.5 | 4.659 | -0.967 | -11.7 | 4.758 |
| 247857.4 | 842258.0 | 139.2 | 34.964 | 11.515 | 18.2 | 36.812 | 4.0 | 29.294 | 4.424 | 0.881 | 11.3 | 4.510 | 1.5 | 4.719 | -0.978 | -11.7 | 4.819 |
| 247856.5 | 842257.5 | 139.3 | 35.601 | 11.658 | 18.1 | 37.461 | 4.1 | 29.811 | 4.490 | 0.891 | 11.2 | 4.577 | 1.6 | 5.031 | -1.043 | -11.7 | 5.138 |
| 247855.7 | 842256.9 | 139.3 | 35.996 | 11.743 | 18.1 | 37.863 | 4.1 | 30.130 | 4.549 | 0.899 | 11.2 | 4.637 | 1.6 | 5.101 | -1.058 | -11.7 | 5.210 |
| 247854.9 | 842256.3 | 139.3 | 36.472 | 11.846 | 18.0 | 38.348 | 4.2 | 30.516 | 4.609 | 0.908 | 11.1 | 4.698 | 1.7 | 5.259 | -1.092 | -11.7 | 5.371 |
| 247854.1 | 842255.7 | 139.3 | 36.785 | 11.911 | 17.9 | 38.665 | 4.2 | 30.769 | 4.663 | 0.916 | 11.1 | 4.752 | 1.6 | 5.263 | -1.095 | -11.7 | 5.376 |
| 247853.3 | 842255.1 | 139.3 | 36.825 | 11.887 | 17.9 | 38.696 | 4.2 | 30.793 | 4.700 | 0.919 | 11.1 | 4.789 | 1.5 | 5.005 | -1.033 | -11.7 | 5.111 |
| 247852.5 | 842254.6 | 139.3 | 37.318 | 11.992 | 17.8 | 39.198 | 4.3 | 31.193 | 4.753 | 0.927 | 11.0 | 4.842 | 1.6 | 5.219 | -1.075 | -11.6 | 5.328 |
| 247851.7 | 842254.0 | 139.3 | 37.653 | 12.061 | 17.8 | 39.538 | 4.3 | 31.463 | 4.798 | 0.934 | 11.0 | 4.888 | 1.6 | 5.294 | -1.089 | -11.6 | 5.405 |
| 247850.8 | 842253.4 | 139.3 | 37.900 | 12.111 | 17.7 | 39.788 | 4.3 | 31.662 | 4.837 | 0.941 | 11.0 | 4.927 | 1.6 | 5.303 | -1.088 | -11.6 | 5.414 |
| 247850.0 | 842252.8 | 139.3 | 38.084 | 12.146 | 17.7 | 39.974 | 4.3 | 31.810 | 4.870 | 0.947 | 11.0 | 4.961 | 1.5 | 5.274 | -1.077 | -11.5 | 5.383 |
| 247849.2 | 842252.2 | 139.3 | 38.202 | 12.167 | 17.7 | 40.093 | 4.3 | 31.905 | 4.898 | 0.952 | 11.0 | 4.990 | 1.5 | 5.204 | -1.057 | -11.5 | 5.310 |
| 247848.4 | 842251.7 | 139.3 | 38.413 | 12.208 | 17.6 | 40.306 | 4.3 | 32.074 | 4.925 | 0.958 | 11.0 | 5.017 | 1.5 | 5.248 | -1.057 | -11.4 | 5.353 |
| 247847.6 | 842251.1 | 139.3 | 38.595 | 12.243 | 17.6 | 40.490 | 4.3 | 32.221 | 4.948 | 0.963 | 11.0 | 5.041 | 1.5 | 5.286 | -1.054 | -11.3 | 5.390 |
| 247846.8 | 842250.5 | 139.3 | 38.979 | 12.321 | 17.5 | 40.880 | 4.4 | 32.531 | 4.974 | 0.968 | 11.0 | 5.067 | 1.6 | 5.539 | -1.093 | -11.2 | 5.646 |
| 247845.9 | 842249.9 | 139.3 | 39.281 | 12.381 | 17.5 | 41.186 | 4.4 | 32.775 | 4.997 | 0.972 | 11.0 | 5.090 | 1.7 | 5.731 | -1.119 | -11.0 | 5.839 |
| 247845.1 | 842249.4 | 139.3 | 39.437 | 12.410 | 17.5 | 41.343 | 4.4 | 32.900 | 5.014 | 0.976 | 11.0 | 5.108 | 1.8 | 5.798 | -1.120 | -10.9 | 5.905 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247844.3 | 842248.8 | 139.2 | 39.562 | 12.432 | 17.4 | 41.469 | 4.4 | 33.000 | 5.030 | 0.979 | 11.0 | 5.125 | 1.8 | 5.850 | -1.118 | -10.8 | 5.956 |
| 247843.5 | 842248.2 | 139.1 | 39.394 | 12.392 | 17.5 | 41.297 | 4.3 | 32.863 | 5.037 | 0.982 | 11.0 | 5.132 | 1.7 | 5.635 | -1.064 | -10.7 | 5.734 |
| 247842.7 | 842247.6 | 139.1 | 39.548 | 12.420 | 17.4 | 41.452 | 4.3 | 32.987 | 5.053 | 0.984 | 11.0 | 5.148 | 1.8 | 5.738 | -1.073 | -10.6 | 5.838 |
| 247841.9 | 842247.0 | 139.1 | 39.637 | 12.435 | 17.4 | 41.542 | 4.3 | 33.058 | 5.068 | 0.986 | 11.0 | 5.163 | 1.8 | 5.789 | -1.073 | -10.5 | 5.887 |
| 247841.0 | 842246.5 | 139.0 | 39.660 | 12.436 | 17.4 | 41.564 | 4.3 | 33.075 | 5.080 | 0.988 | 11.0 | 5.176 | 1.8 | 5.782 | -1.062 | -10.4 | 5.879 |
| 247840.2 | 842245.9 | 139.0 | 39.583 | 12.417 | 17.4 | 41.485 | 4.3 | 33.013 | 5.090 | 0.990 | 11.0 | 5.185 | 1.8 | 5.688 | -1.035 | -10.3 | 5.781 |
| 247839.4 | 842245.3 | 138.9 | 39.470 | 12.390 | 17.4 | 41.369 | 4.2 | 32.921 | 5.099 | 0.991 | 11.0 | 5.194 | 1.8 | 5.563 | -1.004 | -10.2 | 5.652 |
| 247838.6 | 842244.7 | 138.9 | 39.440 | 12.381 | 17.4 | 41.338 | 4.2 | 32.896 | 5.111 | 0.992 | 11.0 | 5.206 | 1.8 | 5.521 | -0.990 | -10.2 | 5.609 |
| 247837.8 | 842244.1 | 138.8 | 39.511 | 12.393 | 17.4 | 41.409 | 4.2 | 32.952 | 5.125 | 0.993 | 11.0 | 5.221 | 1.8 | 5.581 | -0.996 | -10.1 | 5.669 |
| 247837.0 | 842243.6 | 138.8 | 39.460 | 12.380 | 17.4 | 41.356 | 4.1 | 32.910 | 5.137 | 0.994 | 10.9 | 5.232 | 1.8 | 5.526 | -0.982 | -10.1 | 5.613 |
| 247836.2 | 842243.0 | 138.7 | 39.545 | 12.420 | 17.4 | 41.450 | 4.2 | 32.985 | 5.159 | 1.002 | 11.0 | 5.255 | 1.8 | 5.587 | -1.027 | -10.4 | 5.681 |
| 247835.3 | 842242.4 | 138.7 | 39.555 | 12.420 | 17.4 | 41.459 | 4.2 | 32.992 | 5.171 | 1.003 | 11.0 | 5.268 | 1.8 | 5.598 | -1.025 | -10.4 | 5.691 |
| 247834.5 | 842241.8 | 138.6 | 39.558 | 12.419 | 17.4 | 41.462 | 4.2 | 32.994 | 5.183 | 1.004 | 11.0 | 5.279 | 1.8 | 5.607 | -1.023 | -10.3 | 5.699 |
| 247833.7 | 842241.3 | 138.6 | 39.578 | 12.421 | 17.4 | 41.481 | 4.1 | 33.010 | 5.194 | 1.004 | 10.9 | 5.290 | 1.8 | 5.635 | -1.026 | -10.3 | 5.728 |
| 247832.9 | 842240.7 | 138.6 | 39.554 | 12.415 | 17.4 | 41.457 | 4.1 | 32.990 | 5.203 | 1.005 | 10.9 | 5.299 | 1.8 | 5.624 | -1.021 | -10.3 | 5.716 |
| 247832.1 | 842240.1 | 138.5 | 39.531 | 12.408 | 17.4 | 41.433 | 4.1 | 32.971 | 5.211 | 1.005 | 10.9 | 5.307 | 1.7 | 5.618 | -1.017 | -10.3 | 5.709 |
| 247831.3 | 842239.5 | 138.5 | 39.541 | 12.409 | 17.4 | 41.443 | 4.1 | 32.979 | 5.220 | 1.006 | 10.9 | 5.316 | 1.7 | 5.648 | -1.020 | -10.2 | 5.739 |
| 247830.4 | 842238.9 | 138.5 | 39.802 | 12.462 | 17.4 | 41.708 | 4.1 | 33.190 | 5.236 | 1.007 | 10.9 | 5.332 | 1.8 | 5.923 | -1.070 | -10.2 | 6.019 |
| 247829.6 | 842238.4 | 138.4 | 39.705 | 12.441 | 17.4 | 41.609 | 4.0 | 33.111 | 5.241 | 1.007 | 10.9 | 5.337 | 1.8 | 5.852 | -1.054 | -10.2 | 5.946 |
| 247828.8 | 842237.8 | 138.3 | 39.406 | 12.379 | 17.4 | 41.305 | 4.0 | 32.869 | 5.240 | 1.007 | 10.9 | 5.336 | 1.7 | 5.583 | -1.001 | -10.2 | 5.672 |
| 247828.0 | 842237.2 | 138.3 | 39.193 | 12.335 | 17.5 | 41.088 | 4.0 | 32.697 | 5.242 | 1.007 | 10.9 | 5.338 | 1.7 | 5.396 | -0.964 | -10.1 | 5.482 |
| 247827.2 | 842236.6 | 138.2 | 39.077 | 12.311 | 17.5 | 40.970 | 3.9 | 32.603 | 5.248 | 1.007 | 10.9 | 5.343 | 1.6 | 5.304 | -0.947 | -10.1 | 5.388 |
| 247826.4 | 842236.0 | 138.2 | 39.331 | 12.364 | 17.5 | 41.229 | 3.9 | 32.809 | 5.265 | 1.007 | 10.8 | 5.361 | 1.7 | 5.581 | -1.001 | -10.2 | 5.670 |
| 247825.6 | 842235.5 | 138.2 | 39.297 | 12.357 | 17.5 | 41.194 | 3.9 | 32.781 | 5.274 | 1.006 | 10.8 | 5.369 | 1.7 | 5.571 | -1.000 | -10.2 | 5.660 |
| 247824.7 | 842234.9 | 138.1 | 39.010 | 12.299 | 17.5 | 40.903 | 3.9 | 32.549 | 5.274 | 1.006 | 10.8 | 5.369 | 1.6 | 5.311 | -0.951 | -10.1 | 5.396 |
| 247823.9 | 842234.3 | 138.2 | 39.410 | 12.381 | 17.4 | 41.309 | 3.9 | 32.872 | 5.293 | 1.006 | 10.8 | 5.388 | 1.7 | 5.738 | -1.033 | -10.2 | 5.831 |
| 247823.1 | 842233.7 | 138.1 | 39.191 | 12.338 | 17.5 | 41.087 | 3.8 | 32.696 | 5.292 | 1.006 | 10.8 | 5.387 | 1.6 | 5.554 | -0.997 | -10.2 | 5.643 |
| 247822.3 | 842233.2 | 138.1 | 39.280 | 12.357 | 17.5 | 41.178 | 3.8 | 32.769 | 5.298 | 1.006 | 10.7 | 5.392 | 1.6 | 5.682 | -1.020 | -10.2 | 5.772 |
| 247821.5 | 842232.6 | 138.0 | 39.160 | 12.334 | 17.5 | 41.056 | 3.8 | 32.671 | 5.295 | 1.006 | 10.8 | 5.390 | 1.5 | 5.604 | -1.002 | -10.1 | 5.692 |
| 247820.7 | 842232.0 | 138.1 | 39.546 | 12.414 | 17.4 | 41.449 | 3.8 | 32.984 | 5.307 | 1.006 | 10.7 | 5.402 | 1.6 | 6.033 | -1.079 | -10.1 | 6.129 |
| 247819.8 | 842231.4 | 138.0 | 39.227 | 12.351 | 17.5 | 41.125 | 3.8 | 32.726 | 5.295 | 1.006 | 10.8 | 5.389 | 1.6 | 5.766 | -1.023 | -10.1 | 5.856 |
| 247819.0 | 842230.8 | 137.9 | 38.882 | 12.283 | 17.5 | 40.776 | 3.7 | 32.449 | 5.281 | 1.006 | 10.8 | 5.376 | 1.5 | 5.472 | -0.962 | -10.0 | 5.555 |
| 247818.2 | 842230.3 | 137.9 | 38.999 | 12.309 | 17.5 | 40.895 | 3.7 | 32.543 | 5.283 | 1.007 | 10.8 | 5.378 | 1.5 | 5.636 | -0.987 | -9.9 | 5.722 |
| 247817.4 | 842229.7 | 137.8 | 38.845 | 12.280 | 17.5 | 40.740 | 3.7 | 32.420 | 5.277 | 1.007 | 10.8 | 5.372 | 1.5 | 5.526 | -0.960 | -9.9 | 5.609 |
| 247816.6 | 842229.1 | 137.8 | 38.580 | 12.228 | 17.6 | 40.471 | 3.6 | 32.206 | 5.270 | 1.007 | 10.8 | 5.365 | 1.5 | 5.296 | -0.911 | -9.8 | 5.374 |
| 247815.8 | 842228.5 | 137.7 | 38.313 | 12.176 | 17.6 | 40.201 | 3.6 | 31.991 | 5.265 | 1.008 | 10.8 | 5.360 | 1.4 | 5.053 | -0.861 | -9.7 | 5.126 |
| 247814.9 | 842227.9 | 137.5 | 37.490 | 12.009 | 17.8 | 39.367 | 3.6 | 31.327 | 5.246 | 1.007 | 10.9 | 5.342 | 1.2 | 4.217 | -0.699 | -9.4 | 4.275 |
| 247814.1 | 842227.4 | 137.4 | 37.294 | 11.972 | 17.8 | 39.168 | 3.5 | 31.169 | 5.251 | 1.007 | 10.9 | 5.347 | 1.2 | 4.017 | -0.661 | -9.3 | 4.071 |
| 247813.3 | 842226.8 | 137.5 | 37.693 | 12.058 | 17.7 | 39.575 | 3.5 | 31.493 | 5.275 | 1.008 | 10.8 | 5.370 | 1.3 | 4.435 | -0.743 | -9.5 | 4.497 |
| 247812.5 | 842226.2 | 137.6 | 38.021 | 12.130 | 17.7 | 39.909 | 3.5 | 31.758 | 5.300 | 1.009 | 10.8 | 5.395 | 1.4 | 4.764 | -0.809 | -9.6 | 4.832 |
| 247811.7 | 842225.6 | 137.5 | 37.693 | 12.066 | 17.8 | 39.577 | 3.5 | 31.494 | 5.307 | 1.009 | 10.8 | 5.402 | 1.3 | 4.398 | -0.745 | -9.6 | 4.460 |
| 247810.9 | 842225.1 | 137.4 | 37.614 | 12.054 | 17.8 | 39.498 | 3.5 | 31.431 | 5.322 | 1.009 | 10.7 | 5.417 | 1.3 | 4.283 | -0.730 | -9.7 | 4.345 |
| 247810.1 | 842224.5 | 137.5 | 37.833 | 12.103 | 17.7 | 39.722 | 3.5 | 31.610 | 5.346 | 1.010 | 10.7 | 5.441 | 1.3 | 4.480 | -0.775 | -9.8 | 4.547 |
| 247809.2 | 842223.9 | 137.5 | 38.050 | 12.153 | 17.7 | 39.944 | 3.5 | 31.786 | 5.369 | 1.011 | 10.7 | 5.464 | 1.3 | 4.671 | -0.818 | -9.9 | 4.742 |
| 247808.4 | 842223.3 | 137.5 | 38.265 | 12.201 | 17.7 | 40.164 | 3.5 | 31.961 | 5.391 | 1.011 | 10.6 | 5.485 | 1.3 | 4.859 | -0.861 | -10.1 | 4.935 |
| 247807.6 | 842222.7 | 137.6 | 38.478 | 12.250 | 17.7 | 40.381 | 3.5 | 32.134 | 5.411 | 1.012 | 10.6 | 5.505 | 1.3 | 5.046 | -0.903 | -10.2 | 5.126 |
| 247806.8 | 842222.2 | 137.5 | 38.436 | 12.246 | 17.7 | 40.340 | 3.4 | 32.102 | 5.421 | 1.013 | 10.6 | 5.515 | 1.3 | 4.972 | -0.896 | -10.2 | 5.052 |
| 247806.0 | 842221.6 | 137.4 | 37.903 | 12.142 | 17.8 | 39.800 | 3.4 | 31.672 | 5.416 | 1.013 | 10.6 | 5.510 | 1.1 | 4.385 | -0.791 | -10.2 | 4.456 |
| 247805.2 | 842221.0 | 137.4 | 38.082 | 12.184 | 17.7 | 39.983 | 3.4 | 31.818 | 5.427 | 1.014 | 10.6 | 5.521 | 1.1 | 4.555 | -0.828 | -10.3 | 4.629 |
| 247804.3 | 842220.4 | 137.5 | 38.284 | 12.231 | 17.7 | 40.191 | 3.4 | 31.983 | 5.437 | 1.015 | 10.6 | 5.531 | 1.1 | 4.756 | -0.869 | -10.4 | 4.834 |
| 247803.5 | 842219.8 | 137.5 | 38.537 | 12.289 | 17.7 | 40.449 | 3.4 | 32.188 | 5.447 | 1.015 | 10.6 | 5.541 | 1.2 | 5.015 | -0.921 | -10.4 | 5.099 |
| 247802.7 | 842219.3 | 137.6 | 38.789 | 12.346 | 17.7 | 40.706 | 3.4 | 32.393 | 5.456 | 1.016 | 10.5 | 5.550 | 1.2 | 5.276 | -0.972 | -10.4 | 5.365 |
| 247801.9 | 842218.7 | 137.6 | 38.947 | 12.384 | 17.6 | 40.869 | 3.4 | 32.522 | 5.462 | 1.016 | 10.5 | 5.556 | 1.3 | 5.445 | -1.007 | -10.5 | 5.537 |
| 247801.1 | 842218.1 | 137.5 | 38.535 | 12.307 | 17.7 | 40.452 | 3.3 | 32.191 | 5.450 | 1.016 | 10.6 | 5.544 | 1.2 | 5.027 | -0.932 | -10.5 | 5.113 |
| 247800.3 | 842217.5 | 137.4 | 38.166 | 12.238 | 17.8 | 40.080 | 3.3 | 31.894 | 5.440 | 1.015 | 10.6 | 5.534 | 1.1 | 4.653 | -0.866 | -10.5 | 4.733 |
| 247799.5 | 842217.0 | 137.4 | 38.025 | 12.216 | 17.8 | 39.939 | 3.3 | 31.782 | 5.437 | 1.014 | 10.6 | 5.531 | 1.1 | 4.522 | -0.845 | -10.6 | 4.601 |
| 247798.6 | 842216.4 | 137.4 | 38.023 | 12.223 | 17.8 | 39.939 | 3.3 | 31.783 | 5.437 | 1.013 | 10.6 | 5.531 | 1.1 | 4.545 | -0.854 | -10.6 | 4.625 |
| 247797.8 | 842215.8 | 137.4 | 37.946 | 12.214 | 17.8 | 39.864 | 3.3 | 31.723 | 5.434 | 1.012 | 10.6 | 5.528 | 1.0 | 4.494 | -0.850 | -10.7 | 4.573 |
| 247797.0 | 842215.2 | 137.3 | 37.849 | 12.201 | 17.9 | 39.767 | 3.3 | 31.646 | 5.430 | 1.011 | 10.5 | 5.523 | 1.0 | 4.427 | -0.843 | -10.8 | 4.507 |
| 247796.2 | 842214.6 | 137.4 | 37.995 | 12.239 | 17.9 | 39.918 | 3.3 | 31.765 | 5.429 | 1.009 | 10.5 | 5.522 | 1.0 | 4.631 | -0.885 | -10.8 | 4.715 |
| 247795.4 | 842214.1 | 137.5 | 38.837 | 12.419 | 17.7 | 40.774 | 3.2 | 32.447 | 5.446 | 1.008 | 10.5 | 5.538 | 1.2 | 5.574 | -1.064 | -10.8 | 5.675 |
| 247794.6 | 842213.5 | 137.6 | 39.106 | 12.481 | 17.7 | 41.049 | 3.2 | 32.666 | 5.444 | 1.007 | 10.5 | 5.537 | 1.3 | 5.919 | -1.131 | -10.8 | 6.026 |
| 247793.7 | 842212.9 | 137.4 | 38.087 | 12.282 | 17.9 | 40.018 | 3.2 | 31.845 | 5.401 | 1.004 | 10.5 | 5.494 | 1.0 | 4.937 | -0.952 | -10.9 | 5.028 |
| 247792.9 | 842212.3 | 137.3 | 37.446 | 12.158 | 18.0 | 39.370 | 3.2 | 31.330 | 5.368 | 1.002 | 10.6 | 5.461 | 0.9 | 4.342 | -0.842 | -11.0 | 4.423 |
| 247792.1 | 842211.7 | 137.4 | 37.866 | 12.253 | 17.9 | 39.799 | 3.2 | 31.671 | 5.360 | 1.000 | 10.6 | 5.453 | 1.0 | 4.900 | -0.946 | -10.9 | 4.990 |
| 247791.3 | 842211.2 | 137.4 | 38.289 | 12.349 | 17.9 | 40.231 | 3.2 | 32.015 | 5.352 | 0.999 | 10.6 | 5.445 | 1.1 | 5.461 | -1.050 | -10.9 | 5.561 |
| 247790.5 | 842210.6 | 137.5 | 38.501 | 12.402 | 17.9 | 40.450 | 3.2 | 32.189 | 5.338 | 0.996 | 10.6 | 5.431 | 1.2 | 5.804 | -1.113 | -10.9 | 5.910 |
| 247789.7 | 842210.0 | 137.3 | 37.722 | 12.250 | 18.0 | 39.662 | 3.2 | 31.562 | 5.293 | 0.993 | 10.6 | 5.385 | 1.0 | 5.116 | -0.985 | -10.9 | 5.210 |
| 247788.8 | 842209.4 | 137.2 | 37.097 | 12.129 | 18.1 | 39.029 | 3.2 | 31.059 | 5.253 | 0.990 | 10.7 | 5.346 | 0.9 | 4.582 | -0.884 | -10.9 | 4.667 |
| 247788.0 | 842208.9 | 137.4 | 37.996 | 12.326 | 18.0 | 39.945 | 3.1 | 31.787 | 5.257 | 0.987 | 10.6 | 5.349 | 1.1 | 5.682 | -1.090 | -10.9 | 5.786 |
| 247787.2 | 842208.3 | 137.4 | 38.033 | 12.343 | 18.0 | 39.986 | 3.1 | 31.820 | 5.236 | 0.984 | 10.6 | 5.328 | 1.2 | 5.867 | -1.124 | -10.8 | 5.974 |
| 247786.4 | 842207.7 | 137.4 | 37.767 | 12.298 | 18.0 | 39.719 | 3.1 | 31.607 | 5.204 | 0.980 | 10.7 | 5.296 | 1.2 | 5.741 | -1.101 | -10.9 | 5.845 |
| 247785.6 | 842207.1 | 137.4 | 37.583 | 12.270 | 18.1 | 39.535 | 3.1 | 31.461 | 5.174 | 0.977 | 10.7 | 5.265 | 1.1 | 5.704 | -1.094 | -10.9 | 5.808 |
| 247784.8 | 842206.5 | 137.3 | 37.296 | 12.220 | 18.1 | 39.247 | 3.1 | 31.232 | 5.140 | 0.973 | 10.7 | 5.231 | 1.1 | 5.563 | -1.067 | -10.9 | 5.665 |
| 247784.0 | 842206.0 | 137.2 | 36.551 | 12.074 | 18.3 | 38.493 | 3.1 | 30.632 | 5.091 | 0.968 | 10.8 | 5.182 | 1.0 | 4.934 | -0.948 | -10.9 | 5.024 |
| 247783.1 | 842205.4 | 137.2 | 36.440 | 12.061 | 18.3 | 38.384 | 3.1 | 30.545 | 5.060 | 0.964 | 10.8 | 5.151 | 1.0 | 4.986 | -0.957 | -10.9 | 5.077 |
| 247782.3 | 842204.8 | 137.1 | 36.087 | 11.996 | 18.4 | 38.028 | 3.1 | 30.262 | 5.022 | 0.960 | 10.8 | 5.113 | 0.9 | 4.778 | -0.916 | -10.9 | 4.865 |
| 247781.5 | 842204.2 | 137.0 | 35.717 | 11.927 | 18.5 | 37.656 | 3.1 | 29.965 | 4.983 | 0.956 | 10.9 | 5.074 | 0.9 | 4.550 | -0.872 | -10.8 | 4.633 |
| 247780.7 | 842203.6 | 137.0 | 35.513 | 11.894 | 18.5 | 37.452 | 3.1 | 29.803 | 4.949 | 0.952 | 10.9 | 5.039 | 0.9 | 4.506 | -0.862 | -10.8 | 4.588 |
| 247779.9 | 842203.1 | 137.0 | 35.346 | 11.869 | 18.6 | 37.286 | 3.1 | 29.671 | 4.915 | 0.948 | 10.9 | 5.006 | 0.9 | 4.502 | -0.860 | -10.8 | 4.584 |
| 247779.1 | 842202.5 | 137.0 | 35.206 | 11.849 | 18.6 | 37.147 | 3.1 | 29.561 | 4.884 | 0.944 | 10.9 | 4.974 | 0.9 | 4.527 | -0.864 | -10.8 | 4.609 |
| 247778.2 | 842201.9 | 136.9 | 35.033 | 11.823 | 18.6 | 36.974 | 3.1 | 29.423 | 4.851 | 0.939 | 11.0 | 4.941 | 0.9 | 4.514 | -0.861 | -10.8 | 4.595 |
| 247777.4 | 842201.3 | 137.0 | 35.192 | 11.869 | 18.6 | 37.139 | 3.1 | 29.555 | 4.829 | 0.936 | 11.0 | 4.919 | 1.0 | 4.865 | -0.928 | -10.8 | 4.953 |
| 247776.6 | 842200.8 | 137.0 | 35.076 | 11.856 | 18.7 | 37.025 | 3.1 | 29.464 | 4.800 | 0.932 | 11.0 | 4.890 | 1.0 | 4.909 | -0.936 | -10.8 | 4.998 |
| 247775.8 | 842200.2 | 136.9 | 34.440 | 11.727 | 18.8 | 36.382 | 3.2 | 28.952 | 4.756 | 0.927 | 11.0 | 4.846 | 0.9 | 4.371 | -0.833 | -10.8 | 4.450 |
| 247775.0 | 842199.6 | 136.7 | 33.926 | 11.624 | 18.9 | 35.862 | 3.2 | 28.538 | 4.718 | 0.922 | 11.1 | 4.807 | 0.8 | 3.954 | -0.753 | -10.8 | 4.025 |
| 247774.2 | 842199.0 | 136.7 | 33.738 | 11.594 | 19.0 | 35.674 | 3.2 | 28.389 | 4.690 | 0.918 | 11.1 | 4.779 | 0.8 | 3.901 | -0.744 | -10.8 | 3.972 |

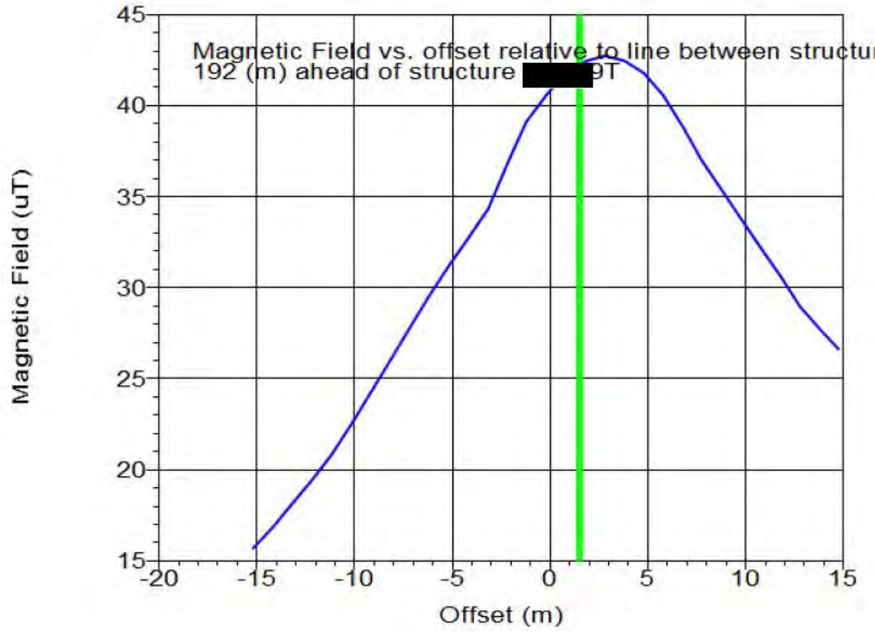
| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247773.4 | 842198.4 | 136.7 | 33.549 | 11.563 | 19.0 | 35.486 | 3.2 | 28.239 | 4.663 | 0.914 | 11.1 | 4.752 | 0.8 | 3.841 | -0.734 | -10.8 | 3.911 |
| 247772.5 | 842197.9 | 136.7 | 33.435 | 11.549 | 19.1 | 35.373 | 3.2 | 28.149 | 4.639 | 0.910 | 11.1 | 4.727 | 0.8 | 3.862 | -0.741 | -10.9 | 3.932 |
| 247771.7 | 842197.3 | 136.8 | 33.619 | 11.604 | 19.0 | 35.565 | 3.2 | 28.302 | 4.624 | 0.906 | 11.1 | 4.712 | 0.9 | 4.219 | -0.814 | -10.9 | 4.297 |
| 247770.9 | 842196.7 | 136.8 | 33.824 | 11.664 | 19.0 | 35.779 | 3.2 | 28.472 | 4.611 | 0.902 | 11.1 | 4.699 | 1.0 | 4.593 | -0.890 | -11.0 | 4.679 |
| 247770.1 | 842196.1 | 136.8 | 33.596 | 11.625 | 19.1 | 35.551 | 3.2 | 28.290 | 4.586 | 0.898 | 11.1 | 4.673 | 1.0 | 4.472 | -0.871 | -11.0 | 4.556 |
| 247769.3 | 842195.5 | 136.8 | 33.308 | 11.572 | 19.2 | 35.261 | 3.2 | 28.060 | 4.560 | 0.894 | 11.1 | 4.647 | 0.9 | 4.277 | -0.837 | -11.1 | 4.358 |
| 247768.5 | 842195.0 | 136.7 | 33.078 | 11.532 | 19.2 | 35.031 | 3.3 | 27.877 | 4.535 | 0.890 | 11.1 | 4.622 | 0.9 | 4.143 | -0.815 | -11.1 | 4.223 |
| 247767.6 | 842194.4 | 136.7 | 32.960 | 11.518 | 19.3 | 34.915 | 3.3 | 27.785 | 4.513 | 0.886 | 11.1 | 4.600 | 0.9 | 4.137 | -0.817 | -11.2 | 4.216 |
| 247766.8 | 842193.8 | 136.8 | 33.005 | 11.542 | 19.3 | 34.965 | 3.3 | 27.824 | 4.496 | 0.882 | 11.1 | 4.582 | 0.9 | 4.315 | -0.855 | -11.2 | 4.399 |
| 247766.0 | 842193.2 | 136.8 | 32.959 | 11.545 | 19.3 | 34.923 | 3.3 | 27.791 | 4.476 | 0.879 | 11.1 | 4.561 | 0.9 | 4.387 | -0.873 | -11.2 | 4.473 |
| 247765.2 | 842192.7 | 136.8 | 32.757 | 11.512 | 19.4 | 34.721 | 3.3 | 27.630 | 4.451 | 0.875 | 11.1 | 4.536 | 0.9 | 4.278 | -0.854 | -11.3 | 4.363 |
| 247764.4 | 842192.1 | 136.7 | 32.554 | 11.479 | 19.4 | 34.518 | 3.3 | 27.469 | 4.426 | 0.871 | 11.1 | 4.511 | 0.9 | 4.167 | -0.835 | -11.3 | 4.250 |
| 247763.6 | 842191.5 | 136.7 | 32.351 | 11.445 | 19.5 | 34.316 | 3.3 | 27.308 | 4.401 | 0.867 | 11.1 | 4.486 | 0.8 | 4.054 | -0.815 | -11.4 | 4.135 |
| 247762.7 | 842190.9 | 136.7 | 32.187 | 11.421 | 19.5 | 34.153 | 3.3 | 27.178 | 4.377 | 0.863 | 11.2 | 4.462 | 0.8 | 3.985 | -0.803 | -11.4 | 4.065 |
| 247761.9 | 842190.3 | 136.7 | 32.126 | 11.420 | 19.6 | 34.095 | 3.4 | 27.132 | 4.356 | 0.859 | 11.2 | 4.440 | 0.8 | 4.036 | -0.814 | -11.4 | 4.117 |
| 247761.1 | 842189.8 | 136.7 | 32.062 | 11.420 | 19.6 | 34.035 | 3.4 | 27.084 | 4.334 | 0.856 | 11.2 | 4.417 | 0.8 | 4.083 | -0.824 | -11.4 | 4.165 |
| 247760.3 | 842189.2 | 136.7 | 31.995 | 11.419 | 19.6 | 33.972 | 3.4 | 27.034 | 4.311 | 0.852 | 11.2 | 4.395 | 0.8 | 4.127 | -0.833 | -11.4 | 4.210 |
| 247759.5 | 842188.6 | 136.8 | 31.927 | 11.417 | 19.7 | 33.907 | 3.4 | 26.982 | 4.289 | 0.848 | 11.2 | 4.372 | 0.8 | 4.168 | -0.841 | -11.4 | 4.252 |
| 247758.7 | 842188.0 | 136.8 | 31.856 | 11.415 | 19.7 | 33.839 | 3.4 | 26.928 | 4.266 | 0.844 | 11.2 | 4.348 | 0.8 | 4.205 | -0.848 | -11.4 | 4.290 |
| 247757.9 | 842187.4 | 136.7 | 31.636 | 11.378 | 19.8 | 33.620 | 3.4 | 26.754 | 4.239 | 0.841 | 11.2 | 4.321 | 0.8 | 4.067 | -0.820 | -11.4 | 4.149 |
| 247757.0 | 842186.9 | 136.7 | 31.223 | 11.292 | 19.9 | 33.203 | 3.5 | 26.422 | 4.207 | 0.836 | 11.2 | 4.289 | 0.7 | 3.699 | -0.746 | -11.4 | 3.774 |
| 247756.2 | 842186.3 | 136.7 | 31.151 | 11.290 | 19.9 | 33.134 | 3.5 | 26.367 | 4.184 | 0.833 | 11.3 | 4.266 | 0.7 | 3.732 | -0.751 | -11.4 | 3.807 |
| 247755.4 | 842185.7 | 136.7 | 31.097 | 11.293 | 20.0 | 33.084 | 3.5 | 26.328 | 4.161 | 0.829 | 11.3 | 4.243 | 0.7 | 3.785 | -0.760 | -11.4 | 3.861 |
| 247754.6 | 842185.1 | 136.7 | 31.041 | 11.295 | 20.0 | 33.032 | 3.5 | 26.286 | 4.139 | 0.825 | 11.3 | 4.220 | 0.7 | 3.834 | -0.768 | -11.3 | 3.910 |
| 247753.8 | 842184.6 | 136.7 | 30.983 | 11.296 | 20.0 | 32.978 | 3.5 | 26.243 | 4.117 | 0.821 | 11.3 | 4.198 | 0.7 | 3.878 | -0.775 | -11.3 | 3.954 |
| 247753.0 | 842184.0 | 136.8 | 30.922 | 11.297 | 20.1 | 32.921 | 3.6 | 26.198 | 4.095 | 0.818 | 11.3 | 4.176 | 0.8 | 3.916 | -0.781 | -11.3 | 3.993 |
| 247752.1 | 842183.4 | 136.8 | 30.859 | 11.298 | 20.1 | 32.862 | 3.6 | 26.151 | 4.073 | 0.814 | 11.3 | 4.154 | 0.8 | 3.949 | -0.787 | -11.3 | 4.027 |
| 247751.3 | 842182.8 | 136.8 | 30.794 | 11.298 | 20.1 | 32.801 | 3.6 | 26.103 | 4.052 | 0.810 | 11.3 | 4.133 | 0.8 | 3.977 | -0.791 | -11.2 | 4.055 |
| 247750.5 | 842182.2 | 136.8 | 30.727 | 11.298 | 20.2 | 32.738 | 3.6 | 26.052 | 4.032 | 0.806 | 11.3 | 4.112 | 0.8 | 3.999 | -0.794 | -11.2 | 4.077 |
| 247749.7 | 842181.7 | 136.8 | 30.441 | 11.243 | 20.3 | 32.451 | 3.7 | 25.824 | 4.006 | 0.802 | 11.3 | 4.086 | 0.7 | 3.758 | -0.744 | -11.2 | 3.831 |
| 247748.9 | 842181.1 | 136.7 | 30.086 | 11.169 | 20.4 | 32.092 | 3.7 | 25.538 | 3.979 | 0.798 | 11.3 | 4.058 | 0.7 | 3.427 | -0.677 | -11.2 | 3.494 |
| 247748.1 | 842180.5 | 136.8 | 30.134 | 11.199 | 20.4 | 32.147 | 3.7 | 25.582 | 3.962 | 0.795 | 11.3 | 4.041 | 0.7 | 3.579 | -0.706 | -11.2 | 3.648 |
| 247747.3 | 842179.9 | 136.8 | 29.945 | 11.167 | 20.5 | 31.959 | 3.8 | 25.432 | 3.939 | 0.791 | 11.4 | 4.018 | 0.7 | 3.443 | -0.677 | -11.1 | 3.509 |
| 247746.4 | 842179.3 | 136.8 | 29.758 | 11.136 | 20.5 | 31.774 | 3.8 | 25.285 | 3.917 | 0.787 | 11.4 | 3.995 | 0.7 | 3.306 | -0.649 | -11.1 | 3.369 |
| 247745.6 | 842178.8 | 136.8 | 29.662 | 11.129 | 20.6 | 31.681 | 3.8 | 25.211 | 3.897 | 0.783 | 11.4 | 3.975 | 0.6 | 3.275 | -0.641 | -11.1 | 3.337 |
| 247744.8 | 842178.2 | 136.9 | 29.817 | 11.187 | 20.6 | 31.846 | 3.8 | 25.342 | 3.883 | 0.780 | 11.4 | 3.961 | 0.7 | 3.546 | -0.694 | -11.1 | 3.614 |
| 247744.0 | 842177.6 | 136.9 | 29.796 | 11.199 | 20.6 | 31.831 | 3.8 | 25.330 | 3.865 | 0.777 | 11.4 | 3.942 | 0.7 | 3.601 | -0.704 | -11.1 | 3.669 |
| 247743.2 | 842177.0 | 136.9 | 29.644 | 11.177 | 20.7 | 31.681 | 3.9 | 25.211 | 3.845 | 0.773 | 11.4 | 3.922 | 0.7 | 3.494 | -0.681 | -11.0 | 3.560 |
| 247742.4 | 842176.5 | 136.9 | 29.499 | 11.153 | 20.7 | 31.537 | 3.9 | 25.096 | 3.825 | 0.769 | 11.4 | 3.901 | 0.7 | 3.372 | -0.663 | -11.1 | 3.437 |
| 247741.5 | 842175.9 | 136.9 | 29.346 | 11.131 | 20.8 | 31.386 | 4.0 | 24.976 | 3.805 | 0.765 | 11.4 | 3.881 | 0.7 | 3.256 | -0.639 | -11.1 | 3.318 |
| 247740.7 | 842175.3 | 136.9 | 29.178 | 11.105 | 20.8 | 31.220 | 4.0 | 24.844 | 3.786 | 0.761 | 11.4 | 3.862 | 0.7 | 3.115 | -0.611 | -11.1 | 3.175 |
| 247739.9 | 842174.7 | 136.9 | 28.999 | 11.075 | 20.9 | 31.042 | 4.1 | 24.702 | 3.767 | 0.758 | 11.4 | 3.843 | 0.6 | 2.956 | -0.580 | -11.1 | 3.013 |
| 247739.1 | 842174.1 | 136.9 | 28.820 | 11.046 | 21.0 | 30.864 | 4.1 | 24.561 | 3.750 | 0.754 | 11.4 | 3.825 | 0.6 | 2.792 | -0.548 | -11.1 | 2.845 |
| 247738.3 | 842173.6 | 137.0 | 28.870 | 11.078 | 21.0 | 30.923 | 4.1 | 24.608 | 3.738 | 0.751 | 11.4 | 3.813 | 0.7 | 2.907 | -0.573 | -11.1 | 2.963 |
| 247737.5 | 842173.0 | 137.0 | 28.985 | 11.128 | 21.0 | 31.048 | 4.1 | 24.707 | 3.728 | 0.747 | 11.3 | 3.802 | 0.7 | 3.097 | -0.613 | -11.2 | 3.157 |
| 247736.6 | 842172.4 | 137.2 | 29.304 | 11.233 | 21.0 | 31.383 | 4.1 | 24.974 | 3.723 | 0.744 | 11.3 | 3.797 | 0.8 | 3.527 | -0.702 | -11.3 | 3.596 |
| 247735.8 | 842171.8 | 137.3 | 29.313 | 11.256 | 21.0 | 31.400 | 4.1 | 24.987 | 3.712 | 0.741 | 11.3 | 3.786 | 0.8 | 3.579 | -0.716 | -11.3 | 3.650 |
| 247735.0 | 842171.2 | 137.2 | 29.079 | 11.213 | 21.1 | 31.166 | 4.1 | 24.801 | 3.696 | 0.737 | 11.3 | 3.769 | 0.8 | 3.335 | -0.672 | -11.4 | 3.402 |
| 247734.2 | 842170.7 | 137.3 | 29.038 | 11.221 | 21.1 | 31.131 | 4.2 | 24.773 | 3.685 | 0.733 | 11.2 | 3.757 | 0.8 | 3.322 | -0.674 | -11.5 | 3.390 |
| 247733.4 | 842170.1 | 137.5 | 29.465 | 11.358 | 21.1 | 31.578 | 4.1 | 25.129 | 3.683 | 0.729 | 11.2 | 3.754 | 0.8 | 3.872 | -0.788 | -11.5 | 3.951 |
| 247732.6 | 842169.5 | 137.4 | 29.213 | 11.310 | 21.2 | 31.326 | 4.2 | 24.929 | 3.665 | 0.725 | 11.2 | 3.736 | 0.8 | 3.610 | -0.741 | -11.6 | 3.685 |
| 247731.8 | 842168.9 | 137.4 | 28.999 | 11.272 | 21.2 | 31.113 | 4.2 | 24.759 | 3.649 | 0.720 | 11.2 | 3.719 | 0.7 | 3.393 | -0.703 | -11.7 | 3.465 |
| 247730.9 | 842168.4 | 137.6 | 29.278 | 11.370 | 21.2 | 31.408 | 4.2 | 24.994 | 3.641 | 0.716 | 11.1 | 3.710 | 0.8 | 3.772 | -0.782 | -11.7 | 3.852 |
| 247730.1 | 842167.8 | 137.6 | 29.070 | 11.334 | 21.3 | 31.201 | 4.3 | 24.829 | 3.621 | 0.711 | 11.1 | 3.691 | 0.7 | 3.572 | -0.746 | -11.8 | 3.649 |
| 247729.3 | 842167.2 | 137.6 | 29.047 | 11.349 | 21.3 | 31.185 | 4.3 | 24.817 | 3.605 | 0.707 | 11.1 | 3.673 | 0.7 | 3.598 | -0.755 | -11.8 | 3.677 |
| 247728.5 | 842166.6 | 137.8 | 29.336 | 11.451 | 21.3 | 31.491 | 4.2 | 25.060 | 3.593 | 0.702 | 11.1 | 3.661 | 0.7 | 4.001 | -0.836 | -11.8 | 4.088 |
| 247727.7 | 842166.0 | 137.8 | 29.227 | 11.443 | 21.4 | 31.388 | 4.3 | 24.977 | 3.571 | 0.697 | 11.0 | 3.639 | 0.7 | 3.939 | -0.825 | -11.8 | 4.025 |
| 247726.9 | 842165.5 | 137.8 | 29.104 | 11.431 | 21.4 | 31.269 | 4.3 | 24.883 | 3.548 | 0.692 | 11.0 | 3.615 | 0.7 | 3.866 | -0.812 | -11.9 | 3.951 |
| 247726.0 | 842164.9 | 137.8 | 28.989 | 11.421 | 21.5 | 31.158 | 4.4 | 24.794 | 3.523 | 0.686 | 11.0 | 3.589 | 0.6 | 3.810 | -0.801 | -11.9 | 3.893 |
| 247725.2 | 842164.3 | 138.0 | 29.129 | 11.484 | 21.5 | 31.311 | 4.4 | 24.917 | 3.502 | 0.681 | 11.0 | 3.568 | 0.6 | 4.062 | -0.849 | -11.8 | 4.149 |
| 247724.4 | 842163.7 | 138.0 | 29.080 | 11.493 | 21.6 | 31.268 | 4.4 | 24.883 | 3.476 | 0.676 | 11.0 | 3.542 | 0.6 | 4.095 | -0.853 | -11.8 | 4.183 |
| 247723.6 | 842163.1 | 138.0 | 29.013 | 11.497 | 21.6 | 31.208 | 4.4 | 24.835 | 3.449 | 0.670 | 11.0 | 3.514 | 0.6 | 4.115 | -0.855 | -11.7 | 4.203 |
| 247722.8 | 842162.6 | 138.1 | 28.895 | 11.487 | 21.7 | 31.094 | 4.5 | 24.744 | 3.420 | 0.664 | 11.0 | 3.484 | 0.6 | 4.080 | -0.845 | -11.7 | 4.167 |
| 247722.0 | 842162.0 | 138.0 | 28.635 | 11.437 | 21.8 | 30.835 | 4.6 | 24.538 | 3.388 | 0.657 | 11.0 | 3.451 | 0.5 | 3.885 | -0.804 | -11.7 | 3.967 |
| 247721.2 | 842161.4 | 138.0 | 28.328 | 11.372 | 21.9 | 30.526 | 4.7 | 24.291 | 3.354 | 0.650 | 11.0 | 3.417 | 0.5 | 3.636 | -0.753 | -11.7 | 3.713 |
| 247720.3 | 842160.8 | 138.0 | 28.025 | 11.308 | 22.0 | 30.220 | 4.8 | 24.049 | 3.320 | 0.643 | 11.0 | 3.382 | 0.5 | 3.393 | -0.703 | -11.7 | 3.465 |
| 247719.5 | 842160.3 | 137.9 | 27.732 | 11.245 | 22.1 | 29.925 | 4.9 | 23.814 | 3.287 | 0.636 | 10.9 | 3.348 | 0.4 | 3.163 | -0.656 | -11.7 | 3.231 |
| 247718.7 | 842159.7 | 137.9 | 27.498 | 11.200 | 22.2 | 29.691 | 4.9 | 23.627 | 3.255 | 0.628 | 10.9 | 3.315 | 0.4 | 3.006 | -0.622 | -11.7 | 3.069 |
| 247717.9 | 842159.1 | 137.9 | 27.266 | 11.154 | 22.2 | 29.459 | 5.0 | 23.443 | 3.223 | 0.621 | 10.9 | 3.282 | 0.4 | 2.850 | -0.590 | -11.7 | 2.911 |
| 247717.1 | 842158.5 | 137.9 | 27.114 | 11.132 | 22.3 | 29.310 | 5.1 | 23.325 | 3.193 | 0.614 | 10.9 | 3.251 | 0.4 | 2.793 | -0.577 | -11.7 | 2.852 |
| 247716.3 | 842157.9 | 138.0 | 27.187 | 11.178 | 22.4 | 29.395 | 5.1 | 23.392 | 3.167 | 0.606 | 10.8 | 3.225 | 0.5 | 3.006 | -0.615 | -11.6 | 3.068 |
| 247715.4 | 842157.4 | 137.9 | 26.904 | 11.117 | 22.5 | 29.111 | 5.2 | 23.165 | 3.136 | 0.599 | 10.8 | 3.192 | 0.4 | 2.791 | -0.573 | -11.6 | 2.849 |
| 247714.6 | 842156.8 | 138.0 | 26.765 | 11.098 | 22.5 | 28.975 | 5.3 | 23.058 | 3.107 | 0.591 | 10.8 | 3.163 | 0.4 | 2.747 | -0.564 | -11.6 | 2.805 |
| 247713.8 | 842156.2 | 138.0 | 26.572 | 11.063 | 22.6 | 28.783 | 5.4 | 22.905 | 3.078 | 0.583 | 10.7 | 3.133 | 0.4 | 2.636 | -0.543 | -11.6 | 2.692 |
| 247713.0 | 842155.6 | 138.0 | 26.398 | 11.034 | 22.7 | 28.611 | 5.5 | 22.768 | 3.050 | 0.575 | 10.7 | 3.104 | 0.4 | 2.548 | -0.527 | -11.7 | 2.601 |
| 247712.2 | 842155.0 | 138.0 | 26.225 | 11.004 | 22.8 | 28.440 | 5.5 | 22.632 | 3.022 | 0.567 | 10.6 | 3.075 | 0.4 | 2.458 | -0.511 | -11.7 | 2.510 |
| 247711.4 | 842154.5 | 138.0 | 26.052 | 10.974 | 22.8 | 28.269 | 5.6 | 22.496 | 2.995 | 0.559 | 10.6 | 3.047 | 0.5 | 2.366 | -0.496 | -11.8 | 2.418 |
| 247710.5 | 842153.9 | 138.0 | 25.935 | 10.962 | 22.9 | 28.156 | 5.7 | 22.406 | 2.969 | 0.550 | 10.5 | 3.020 | 0.5 | 2.341 | -0.493 | -11.9 | 2.393 |
| 247709.7 | 842153.3 | 138.1 | 25.928 | 10.985 | 23.0 | 28.159 | 5.7 | 22.408 | 2.946 | 0.542 | 10.4 | 2.995 | 0.5 | 2.448 | -0.515 | -11.9 | 2.502 |
| 247708.9 | 842152.7 | 138.1 | 25.944 | 11.014 | 23.0 | 28.185 | 5.8 | 22.429 | 2.923 | 0.534 | 10.4 | 2.971 | 0.5 | 2.579 | -0.542 | -11.9 | 2.635 |
| 247708.1 | 842152.2 | 138.2 | 25.799 | 10.993 | 23.1 | 28.044 | 5.9 | 22.316 | 2.897 | 0.526 | 10.3 | 2.945 | 0.5 | 2.516 | -0.534 | -12.0 | 2.572 |
| 247707.3 | 842151.6 | 138.1 | 25.523 | 10.930 | 23.2 | 27.765 | 6.0 | 22.095 | 2.870 | 0.517 | 10.2 | 2.916 | 0.5 | 2.295 | -0.498 | -12.3 | 2.348 |
| 247706.5 | 842151.0 | 138.2 | 25.628 | 10.989 | 23.2 | 27.884 | 6.0 | 22.190 | 2.849 | 0.509 | 10.1 | 2.894 | 0.6 | 2.528 | -0.544 | -12.1 | 2.585 |
| 247705.7 | 842150.4 | 138.3 | 25.731 | 11.048 | 23.2 | 28.002 | 6.0 | 22.283 | 2.828 | 0.501 | 10.0 | 2.872 | 0.6 | 2.755 | -0.588 | -12.1 | 2.817 |
| 247704.8 | 842149.8 | 138.4 | 25.758 | 11.083 | 23.3 | 28.041 | 6.0 | 22.314 | 2.806 | 0.493 | 10.0 | 2.848 | 0.7 | 2.890 | -0.616 | -12.0 | 2.955 |
| 247704.0 | 842149.3 | 138.4 | 25.583 | 11.052 | 23.4 | 27.868 | 6.1 | 22.177 | 2.780 | 0.484 | 9.9 | 2.822 | 0.7 | 2.789 | -0.604 | -12.2 | 2.854 |
| 247703.2 | 842148.7 | 138.4 | 25.372 | 11.009 | 23.5 | 27.657 | 6.2 | 22.009 | 2.754 | 0.474 | 9.8 | 2.794 | 0.7 | 2.646 | -0.584 | -12.5 | 2.710 |

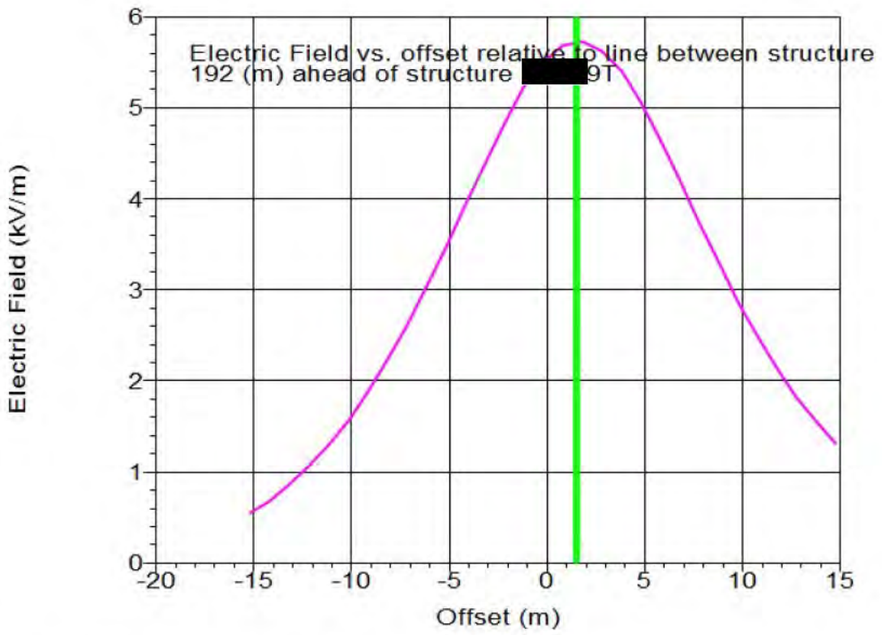
| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247702.4 | 842148.1 | 138.5 | 25.404 | 11.046 | 23.5 | 27.702 | 6.3 | 22.045 | 2.731 | 0.466 | 9.7 | 2.771 | 0.7 | 2.787 | -0.614 | -12.4 | 2.854 |
| 247701.6 | 842147.5 | 138.5 | 25.196 | 11.003 | 23.6 | 27.494 | 6.4 | 21.879 | 2.705 | 0.456 | 9.6 | 2.743 | 0.7 | 2.649 | -0.596 | -12.7 | 2.715 |
| 247700.8 | 842146.9 | 138.5 | 24.922 | 10.938 | 23.7 | 27.217 | 6.5 | 21.659 | 2.678 | 0.446 | 9.5 | 2.714 | 0.7 | 2.435 | -0.567 | -13.1 | 2.500 |
| 247699.9 | 842146.4 | 138.5 | 24.831 | 10.934 | 23.8 | 27.132 | 6.6 | 21.591 | 2.653 | 0.436 | 9.3 | 2.689 | 0.7 | 2.435 | -0.574 | -13.3 | 2.501 |
| 247699.1 | 842145.8 | 138.6 | 24.791 | 10.947 | 23.8 | 27.100 | 6.6 | 21.566 | 2.629 | 0.427 | 9.2 | 2.663 | 0.8 | 2.495 | -0.590 | -13.3 | 2.564 |
| 247698.3 | 842145.2 | 138.6 | 24.735 | 10.955 | 23.9 | 27.052 | 6.7 | 21.528 | 2.604 | 0.417 | 9.1 | 2.637 | 0.8 | 2.538 | -0.604 | -13.4 | 2.609 |
| 247697.5 | 842144.6 | 138.7 | 24.617 | 10.941 | 24.0 | 26.939 | 6.8 | 21.437 | 2.578 | 0.407 | 9.0 | 2.610 | 0.8 | 2.511 | -0.607 | -13.6 | 2.583 |
| 247696.7 | 842144.1 | 138.8 | 24.779 | 11.025 | 24.0 | 27.121 | 6.8 | 21.582 | 2.556 | 0.398 | 8.8 | 2.587 | 0.9 | 2.804 | -0.658 | -13.2 | 2.881 |
| 247695.9 | 842143.5 | 139.0 | 25.103 | 11.165 | 24.0 | 27.474 | 6.7 | 21.863 | 2.538 | 0.390 | 8.7 | 2.567 | 1.2 | 3.273 | -0.735 | -12.7 | 3.354 |
| 247695.1 | 842142.9 | 139.1 | 24.983 | 11.151 | 24.1 | 27.358 | 6.8 | 21.771 | 2.510 | 0.380 | 8.6 | 2.539 | 1.2 | 3.247 | -0.735 | -12.8 | 3.329 |
| 247694.2 | 842142.3 | 139.1 | 24.767 | 11.105 | 24.2 | 27.143 | 7.0 | 21.600 | 2.481 | 0.368 | 8.4 | 2.508 | 1.2 | 3.121 | -0.721 | -13.0 | 3.203 |
| 247693.4 | 842141.7 | 139.1 | 24.640 | 11.089 | 24.2 | 27.020 | 7.1 | 21.502 | 2.453 | 0.357 | 8.3 | 2.479 | 1.2 | 3.093 | -0.721 | -13.1 | 3.176 |
| 247692.6 | 842141.2 | 139.3 | 24.874 | 11.200 | 24.2 | 27.279 | 7.0 | 21.708 | 2.432 | 0.349 | 8.2 | 2.457 | 1.5 | 3.458 | -0.775 | -12.6 | 3.544 |
| 247691.8 | 842140.6 | 139.3 | 24.783 | 11.198 | 24.3 | 27.195 | 7.1 | 21.641 | 2.403 | 0.338 | 8.0 | 2.427 | 1.6 | 3.473 | -0.779 | -12.6 | 3.559 |
| 247691.0 | 842140.0 | 139.3 | 24.453 | 11.110 | 24.4 | 26.859 | 7.3 | 21.374 | 2.370 | 0.326 | 7.8 | 2.392 | 1.5 | 3.237 | -0.749 | -13.0 | 3.323 |
| 247690.2 | 842139.4 | 139.2 | 24.193 | 11.045 | 24.5 | 26.595 | 7.4 | 21.164 | 2.338 | 0.313 | 7.6 | 2.359 | 1.5 | 3.078 | -0.730 | -13.3 | 3.163 |
| 247689.3 | 842138.8 | 139.3 | 24.073 | 11.031 | 24.6 | 26.480 | 7.5 | 21.072 | 2.308 | 0.302 | 7.5 | 2.328 | 1.6 | 3.071 | -0.730 | -13.4 | 3.156 |
| 247688.5 | 842138.3 | 139.3 | 23.946 | 11.014 | 24.7 | 26.357 | 7.7 | 20.974 | 2.278 | 0.290 | 7.3 | 2.296 | 1.6 | 3.058 | -0.729 | -13.4 | 3.144 |
| 247687.7 | 842137.7 | 139.3 | 23.792 | 10.987 | 24.8 | 26.206 | 7.8 | 20.854 | 2.247 | 0.278 | 7.1 | 2.264 | 1.7 | 3.019 | -0.724 | -13.5 | 3.105 |
| 247686.9 | 842137.1 | 139.3 | 23.660 | 10.968 | 24.9 | 26.078 | 7.9 | 20.752 | 2.216 | 0.267 | 6.9 | 2.232 | 1.8 | 3.004 | -0.721 | -13.5 | 3.090 |
| 247686.1 | 842136.5 | 139.4 | 23.581 | 10.968 | 24.9 | 26.006 | 8.0 | 20.695 | 2.187 | 0.256 | 6.7 | 2.201 | 1.9 | 3.045 | -0.723 | -13.4 | 3.130 |
| 247685.3 | 842136.0 | 139.5 | 23.525 | 10.976 | 25.0 | 25.960 | 8.1 | 20.658 | 2.157 | 0.245 | 6.5 | 2.171 | 2.1 | 3.111 | -0.727 | -13.1 | 3.195 |
| 247684.4 | 842135.4 | 139.4 | 23.280 | 10.914 | 25.1 | 25.711 | 8.2 | 20.460 | 2.124 | 0.232 | 6.2 | 2.137 | 2.1 | 2.982 | -0.709 | -13.4 | 3.065 |
| 247683.6 | 842134.8 | 139.5 | 23.118 | 10.882 | 25.2 | 25.551 | 8.3 | 20.333 | 2.093 | 0.219 | 6.0 | 2.105 | 2.2 | 2.940 | -0.700 | -13.4 | 3.022 |
| 247682.8 | 842134.2 | 139.5 | 22.925 | 10.837 | 25.3 | 25.358 | 8.5 | 20.179 | 2.061 | 0.207 | 5.7 | 2.072 | 2.3 | 2.867 | -0.687 | -13.5 | 2.948 |
| 247682.0 | 842133.6 | 139.5 | 22.723 | 10.789 | 25.4 | 25.154 | 8.6 | 20.017 | 2.029 | 0.194 | 5.5 | 2.039 | 2.4 | 2.785 | -0.674 | -13.6 | 2.865 |
| 247681.2 | 842133.1 | 139.5 | 22.559 | 10.755 | 25.5 | 24.992 | 8.8 | 19.888 | 1.999 | 0.182 | 5.2 | 2.007 | 2.5 | 2.741 | -0.663 | -13.6 | 2.820 |
| 247680.4 | 842132.5 | 139.5 | 22.373 | 10.711 | 25.6 | 24.805 | 8.9 | 19.739 | 1.967 | 0.170 | 4.9 | 1.975 | 2.6 | 2.675 | -0.649 | -13.6 | 2.753 |
| 247679.6 | 842131.9 | 139.5 | 22.206 | 10.675 | 25.7 | 24.639 | 9.1 | 19.607 | 1.937 | 0.158 | 4.7 | 1.943 | 2.7 | 2.628 | -0.636 | -13.6 | 2.704 |
| 247678.7 | 842131.3 | 139.5 | 22.037 | 10.637 | 25.8 | 24.470 | 9.2 | 19.472 | 1.906 | 0.146 | 4.4 | 1.912 | 2.9 | 2.578 | -0.623 | -13.6 | 2.652 |
| 247677.9 | 842130.7 | 139.5 | 21.867 | 10.598 | 25.9 | 24.300 | 9.3 | 19.337 | 1.876 | 0.135 | 4.1 | 1.881 | 3.1 | 2.526 | -0.608 | -13.5 | 2.598 |
| 247677.1 | 842130.2 | 139.5 | 21.679 | 10.551 | 26.0 | 24.110 | 9.5 | 19.186 | 1.846 | 0.124 | 3.8 | 1.850 | 3.2 | 2.456 | -0.592 | -13.6 | 2.526 |
| 247676.3 | 842129.6 | 139.6 | 21.556 | 10.530 | 26.0 | 23.990 | 9.6 | 19.091 | 1.817 | 0.115 | 3.6 | 1.821 | 3.5 | 2.447 | -0.578 | -13.3 | 2.514 |
| 247675.5 | 842129.0 | 139.5 | 21.309 | 10.458 | 26.1 | 23.737 | 9.8 | 18.889 | 1.786 | 0.103 | 3.3 | 1.789 | 3.5 | 2.319 | -0.558 | -13.5 | 2.385 |
| 247674.7 | 842128.4 | 139.5 | 21.011 | 10.363 | 26.3 | 23.428 | 10.0 | 18.643 | 1.755 | 0.091 | 3.0 | 1.757 | 3.5 | 2.143 | -0.538 | -14.1 | 2.209 |
| 247673.8 | 842127.9 | 139.5 | 20.849 | 10.324 | 26.3 | 23.266 | 10.2 | 18.514 | 1.726 | 0.084 | 2.8 | 1.728 | 3.7 | 2.095 | -0.521 | -14.0 | 2.159 |
| 247673.0 | 842127.3 | 139.5 | 20.687 | 10.285 | 26.4 | 23.103 | 10.3 | 18.385 | 1.698 | 0.078 | 2.6 | 1.700 | 4.0 | 2.047 | -0.503 | -13.8 | 2.108 |
| 247672.2 | 842126.7 | 139.4 | 20.325 | 10.159 | 26.6 | 22.722 | 10.6 | 18.082 | 1.666 | 0.067 | 2.3 | 1.667 | 3.7 | 1.810 | -0.484 | -15.0 | 1.873 |
| 247671.4 | 842126.1 | 139.4 | 20.058 | 10.073 | 26.7 | 22.445 | 10.8 | 17.861 | 1.636 | 0.061 | 2.1 | 1.637 | 3.7 | 1.663 | -0.468 | -15.7 | 1.728 |
| 247670.6 | 842125.5 | 139.3 | 19.795 | 9.987 | 26.8 | 22.172 | 11.0 | 17.644 | 1.607 | 0.059 | 2.1 | 1.608 | 3.7 | 1.521 | -0.452 | -16.6 | 1.586 |
| 247669.8 | 842125.0 | 139.3 | 19.560 | 9.911 | 26.9 | 21.928 | 11.2 | 17.449 | 1.578 | 0.061 | 2.2 | 1.579 | 3.7 | 1.404 | -0.438 | -17.3 | 1.471 |
| 247669.0 | 842124.4 | 139.3 | 19.443 | 9.887 | 27.0 | 21.813 | 11.3 | 17.358 | 1.551 | 0.071 | 2.6 | 1.553 | 4.1 | 1.398 | -0.422 | -16.8 | 1.460 |
| 247668.1 | 842123.8 | 139.4 | 19.403 | 9.897 | 27.0 | 21.781 | 11.4 | 17.333 | 1.526 | 0.084 | 3.2 | 1.529 | 4.7 | 1.460 | -0.402 | -15.4 | 1.515 |
| 247667.3 | 842123.2 | 139.5 | 19.425 | 9.934 | 27.1 | 21.817 | 11.5 | 17.362 | 1.503 | 0.101 | 3.8 | 1.506 | 5.6 | 1.575 | -0.378 | -13.5 | 1.620 |
| 247666.5 | 842122.6 | 139.6 | 19.290 | 9.901 | 27.2 | 21.683 | 11.7 | 17.255 | 1.477 | 0.112 | 4.3 | 1.481 | 6.0 | 1.549 | -0.360 | -13.1 | 1.591 |
| 247665.7 | 842122.1 | 139.6 | 19.161 | 9.871 | 27.3 | 21.554 | 11.8 | 17.152 | 1.451 | 0.124 | 4.9 | 1.456 | 6.4 | 1.528 | -0.342 | -12.6 | 1.566 |
| 247664.9 | 842121.5 | 139.8 | 19.250 | 9.939 | 27.3 | 21.664 | 11.9 | 17.240 | 1.429 | 0.143 | 5.7 | 1.437 | 7.7 | 1.693 | -0.310 | -10.4 | 1.722 |
| 247664.1 | 842120.9 | 139.8 | 19.080 | 9.890 | 27.4 | 21.491 | 12.0 | 17.102 | 1.403 | 0.154 | 6.3 | 1.411 | 8.1 | 1.637 | -0.295 | -10.2 | 1.663 |
| 247663.2 | 842120.3 | 139.8 | 18.865 | 9.819 | 27.5 | 21.268 | 12.2 | 16.924 | 1.375 | 0.165 | 6.8 | 1.385 | 8.3 | 1.545 | -0.285 | -10.5 | 1.571 |
| 247662.4 | 842119.7 | 139.7 | 18.511 | 9.683 | 27.6 | 20.891 | 12.5 | 16.624 | 1.344 | 0.172 | 7.3 | 1.355 | 7.8 | 1.339 | -0.293 | -12.3 | 1.371 |
| 247661.6 | 842119.2 | 139.7 | 18.354 | 9.637 | 27.7 | 20.730 | 12.7 | 16.496 | 1.318 | 0.185 | 8.0 | 1.331 | 8.1 | 1.300 | -0.285 | -12.4 | 1.331 |
| 247660.8 | 842118.6 | 139.7 | 18.140 | 9.563 | 27.8 | 20.507 | 12.9 | 16.319 | 1.290 | 0.197 | 8.7 | 1.305 | 8.2 | 1.217 | -0.287 | -13.3 | 1.250 |
| 247660.0 | 842118.0 | 139.7 | 18.005 | 9.526 | 27.9 | 20.370 | 13.1 | 16.210 | 1.264 | 0.211 | 9.5 | 1.282 | 8.7 | 1.200 | -0.283 | -13.3 | 1.233 |
| 247659.2 | 842117.4 | 139.8 | 17.881 | 9.494 | 28.0 | 20.246 | 13.2 | 16.111 | 1.239 | 0.225 | 10.3 | 1.259 | 9.2 | 1.195 | -0.281 | -13.2 | 1.227 |
| 247658.3 | 842116.9 | 139.8 | 17.738 | 9.452 | 28.1 | 20.099 | 13.4 | 15.994 | 1.213 | 0.239 | 11.2 | 1.236 | 9.6 | 1.175 | -0.284 | -13.6 | 1.209 |
| 247657.5 | 842116.3 | 139.8 | 17.513 | 9.371 | 28.1 | 19.863 | 13.6 | 15.806 | 1.185 | 0.252 | 12.0 | 1.211 | 9.5 | 1.095 | -0.304 | -15.5 | 1.137 |
| 247656.7 | 842115.7 | 139.8 | 17.276 | 9.282 | 28.2 | 19.611 | 13.9 | 15.606 | 1.157 | 0.265 | 12.9 | 1.187 | 9.2 | 1.009 | -0.332 | -18.2 | 1.062 |
| 247655.9 | 842115.1 | 139.7 | 16.999 | 9.172 | 28.4 | 19.315 | 14.1 | 15.371 | 1.128 | 0.277 | 13.8 | 1.162 | 8.6 | 0.896 | -0.374 | -22.6 | 0.971 |
| 247655.1 | 842114.5 | 139.8 | 16.902 | 9.150 | 28.4 | 19.220 | 14.3 | 15.295 | 1.103 | 0.293 | 14.9 | 1.141 | 9.2 | 0.925 | -0.388 | -22.8 | 1.003 |
| 247654.3 | 842114.0 | 139.8 | 16.762 | 9.106 | 28.5 | 19.076 | 14.5 | 15.180 | 1.077 | 0.309 | 16.0 | 1.120 | 9.4 | 0.923 | -0.415 | -24.2 | 1.013 |
| 247653.5 | 842113.4 | 139.8 | 16.509 | 9.006 | 28.6 | 18.805 | 14.7 | 14.965 | 1.048 | 0.323 | 17.1 | 1.097 | 8.8 | 0.841 | -0.472 | -29.3 | 0.964 |
| 247652.6 | 842112.8 | 139.8 | 16.331 | 8.942 | 28.7 | 18.619 | 14.9 | 14.817 | 1.022 | 0.339 | 18.3 | 1.076 | 8.6 | 0.818 | -0.519 | -32.4 | 0.969 |
| 247651.8 | 842112.2 | 139.8 | 16.144 | 8.873 | 28.8 | 18.422 | 15.2 | 14.659 | 0.995 | 0.355 | 19.6 | 1.056 | 8.3 | 0.791 | -0.575 | -36.0 | 0.978 |
| 247651.0 | 842111.6 | 139.8 | 15.976 | 8.812 | 28.9 | 18.245 | 15.4 | 14.519 | 0.968 | 0.372 | 21.0 | 1.037 | 8.1 | 0.781 | -0.633 | -39.0 | 1.005 |
| 247650.2 | 842111.1 | 139.8 | 15.832 | 8.763 | 29.0 | 18.096 | 15.6 | 14.400 | 0.942 | 0.389 | 22.4 | 1.019 | 8.0 | 0.790 | -0.690 | -41.1 | 1.049 |
| 247649.4 | 842110.5 | 139.9 | 15.694 | 8.718 | 29.1 | 17.953 | 15.8 | 14.286 | 0.917 | 0.406 | 23.9 | 1.003 | 8.0 | 0.806 | -0.751 | -43.0 | 1.102 |
| 247648.6 | 842109.9 | 140.0 | 15.623 | 8.706 | 29.1 | 17.885 | 16.0 | 14.232 | 0.892 | 0.425 | 25.5 | 0.988 | 8.4 | 0.868 | -0.797 | -42.6 | 1.178 |
| 247647.7 | 842109.3 | 140.1 | 15.563 | 8.700 | 29.2 | 17.830 | 16.1 | 14.189 | 0.867 | 0.444 | 27.1 | 0.974 | 8.8 | 0.936 | -0.843 | -42.0 | 1.260 |
| 247646.9 | 842108.8 | 140.1 | 15.490 | 8.687 | 29.3 | 17.759 | 16.3 | 14.133 | 0.842 | 0.462 | 28.8 | 0.961 | 9.0 | 0.995 | -0.896 | -42.0 | 1.339 |
| 247646.1 | 842108.2 | 140.3 | 15.461 | 8.698 | 29.4 | 17.739 | 16.5 | 14.117 | 0.819 | 0.482 | 30.5 | 0.950 | 9.6 | 1.081 | -0.935 | -40.9 | 1.429 |
| 247645.3 | 842107.6 | 140.6 | 15.680 | 8.840 | 29.4 | 18.001 | 16.5 | 14.324 | 0.800 | 0.502 | 32.1 | 0.945 | 12.7 | 1.310 | -0.887 | -34.1 | 1.582 |
| 247644.5 | 842107.0 | 140.8 | 15.857 | 8.960 | 29.5 | 18.214 | 16.6 | 14.494 | 0.783 | 0.523 | 33.8 | 0.941 | 15.7 | 1.500 | -0.850 | -29.5 | 1.724 |
| 247643.7 | 842106.4 | 140.9 | 15.710 | 8.910 | 29.6 | 18.061 | 16.8 | 14.373 | 0.757 | 0.542 | 35.6 | 0.931 | 15.0 | 1.505 | -0.929 | -31.7 | 1.769 |
| 247642.9 | 842105.9 | 140.9 | 15.522 | 8.838 | 29.7 | 17.862 | 17.1 | 14.214 | 0.731 | 0.561 | 37.5 | 0.921 | 13.6 | 1.488 | -1.027 | -34.6 | 1.808 |
| 247642.0 | 842105.3 | 141.0 | 15.504 | 8.857 | 29.7 | 17.856 | 17.3 | 14.209 | 0.709 | 0.580 | 39.3 | 0.916 | 14.3 | 1.560 | -1.058 | -34.1 | 1.886 |
| 247641.2 | 842104.7 | 141.3 | 15.628 | 8.953 | 29.8 | 18.011 | 17.4 | 14.332 | 0.692 | 0.601 | 40.9 | 0.916 | 16.9 | 1.698 | -1.028 | -31.2 | 1.985 |
| 247640.4 | 842104.1 | 141.6 | 15.840 | 9.097 | 29.9 | 18.266 | 17.5 | 14.536 | 0.680 | 0.621 | 42.4 | 0.921 | 21.0 | 1.867 | -0.953 | -27.0 | 2.096 |
| 247639.6 | 842103.5 | 141.9 | 16.118 | 9.280 | 29.9 | 18.599 | 17.5 | 14.801 | 0.674 | 0.643 | 43.6 | 0.932 | 26.2 | 2.051 | -0.841 | -22.3 | 2.217 |
| 247638.8 | 842103.0 | 142.2 | 16.311 | 9.418 | 30.0 | 18.834 | 17.6 | 14.988 | 0.667 | 0.664 | 44.9 | 0.941 | 30.2 | 2.182 | -0.758 | -19.2 | 2.310 |
| 247638.0 | 842102.4 | 142.7 | 16.752 | 9.694 | 30.1 | 19.355 | 17.6 | 15.402 | 0.677 | 0.687 | 45.4 | 0.964 | 37.8 | 2.398 | -0.558 | -13.1 | 2.462 |
| 247637.1 | 842101.8 | 143.0 | 17.012 | 9.873 | 30.1 | 19.669 | 17.7 | 15.652 | 0.680 | 0.709 | 46.2 | 0.982 | 42.9 | 2.524 | -0.427 | -9.6 | 2.560 |
| 247636.3 | 842101.2 | 143.0 | 16.763 | 9.773 | 30.2 | 19.404 | 18.0 | 15.441 | 0.650 | 0.724 | 48.1 | 0.974 | 40.9 | 2.454 | -0.514 | -11.8 | 2.508 |
| 247635.5 | 842100.7 | 143.0 | 16.643 | 9.746 | 30.4 | 19.287 | 18.3 | 15.348 | 0.630 | 0.741 | 49.6 | 0.973 | 40.7 | 2.430 | -0.541 | -12.5 | 2.490 |
| 247634.7 | 842100.1 | 143.3 | 16.730 | 9.833 | 30.4 | 19.406 | 18.4 | 15.443 | 0.624 | 0.760 | 50.6 | 0.984 | 43.4 | 2.473 | -0.465 | -10.7 | 2.516 |
| 247633.9 | 842099.5 | 143.4 | 16.665 | 9.837 | 30.6 | 19.351 | 18.7 | 15.399 | 0.609 | 0.777 | 51.9 | 0.987 | 43.9 | 2.458 | -0.456 | -10.5 | 2.500 |
| 247633.1 | 842098.9 | 143.5 | 16.631 | 9.859 | 30.7 | 19.334 | 18.9 | 15.385 | 0.597 | 0.794 | 53.1 | 0.993 | 44.7 | 2.449 | -0.426 | -9.9 | 2.486 |
| 247632.2 | 842098.3 | 143.6 | 16.517 | 9.837 | 30.8 | 19.225 | 19.2 | 15.299 | 0.579 | 0.810 | 54.4 | 0.995 | 44.4 | 2.412 | -0.432 | -10.1 | 2.450 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 247631.4 | 842097.8 | 143.6 | 16.372 | 9.797 | 30.9 | 19.080 | 19.5 | 15.183 | 0.559 | 0.824 | 55.9 | 0.996 | 43.5 | 2.363 | -0.451 | -10.8 | 2.405 |
| 247630.6 | 842097.2 | 143.6 | 16.202 | 9.743 | 31.0 | 18.905 | 19.8 | 15.044 | 0.537 | 0.839 | 57.4 | 0.996 | 42.1 | 2.304 | -0.482 | -11.8 | 2.354 |
| 247629.8 | 842096.6 | 143.7 | 16.043 | 9.695 | 31.1 | 18.745 | 20.1 | 14.917 | 0.517 | 0.853 | 58.8 | 0.997 | 40.9 | 2.247 | -0.507 | -12.7 | 2.304 |
| 247629.0 | 842096.0 | 143.8 | 16.048 | 9.742 | 31.3 | 18.774 | 20.3 | 14.940 | 0.510 | 0.869 | 59.6 | 1.007 | 42.0 | 2.229 | -0.435 | -11.0 | 2.271 |
| 247628.2 | 842095.4 | 143.9 | 15.955 | 9.733 | 31.4 | 18.689 | 20.6 | 14.873 | 0.494 | 0.883 | 60.8 | 1.012 | 41.5 | 2.182 | -0.419 | -10.9 | 2.222 |
| 247627.4 | 842094.9 | 144.0 | 15.894 | 9.742 | 31.5 | 18.642 | 20.8 | 14.835 | 0.482 | 0.897 | 61.8 | 1.019 | 41.4 | 2.139 | -0.382 | -10.1 | 2.173 |
| 247626.5 | 842094.3 | 144.0 | 15.831 | 9.749 | 31.6 | 18.592 | 21.1 | 14.795 | 0.469 | 0.912 | 62.8 | 1.025 | 41.1 | 2.091 | -0.348 | -9.4 | 2.120 |
| 247625.7 | 842093.7 | 144.1 | 15.746 | 9.743 | 31.7 | 18.517 | 21.3 | 14.735 | 0.454 | 0.926 | 63.9 | 1.031 | 40.3 | 2.035 | -0.328 | -9.2 | 2.062 |
| 247624.9 | 842093.1 | 144.1 | 15.710 | 9.766 | 31.9 | 18.498 | 21.5 | 14.720 | 0.444 | 0.941 | 64.7 | 1.040 | 40.0 | 1.986 | -0.281 | -8.1 | 2.006 |
| 247624.1 | 842092.6 | 144.2 | 15.666 | 9.782 | 32.0 | 18.470 | 21.7 | 14.698 | 0.432 | 0.955 | 65.7 | 1.048 | 39.5 | 1.931 | -0.243 | -7.2 | 1.946 |
| 247623.3 | 842092.0 | 144.2 | 15.632 | 9.803 | 32.1 | 18.452 | 21.9 | 14.684 | 0.420 | 0.971 | 66.6 | 1.058 | 38.8 | 1.875 | -0.204 | -6.2 | 1.886 |
| 247622.5 | 842091.4 | 144.3 | 15.619 | 9.836 | 32.2 | 18.458 | 22.1 | 14.688 | 0.410 | 0.987 | 67.4 | 1.068 | 38.2 | 1.818 | -0.157 | -4.9 | 1.825 |
| 247621.6 | 842090.8 | 144.3 | 15.638 | 9.887 | 32.3 | 18.501 | 22.2 | 14.723 | 0.402 | 1.003 | 68.2 | 1.081 | 37.8 | 1.763 | -0.096 | -3.1 | 1.765 |

Max EF along centerline is 5.556 (kV/m) at 192.000 (m) from structure [redacted]-9T

Cross section results at max EF along centerline between structures [redacted]-9T and [redacted]/[redacted]-10






3D EMF Point Results Span from [redacted]-9T to [redacted]-10:

| Measurement | | | B | | | | | H | EF | | | | | Space Potential | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| X (m) | Y (m) | Z (m) | Real (uT) | Imaginary (uT) | Angle (deg) | Magnitude (uT) | Polarization Axial Ratio % | Magnitude (A/m) | Real (kV/m) | Imaginary (kV/m) | Angle (deg) | Magnitude (kV/m) | Polarization Axial Ratio % | Real (kV) | Imaginary (kV) | Angle (deg) | Magnitude (kV) |
| 247810.7 | 842206.3 | 137.4 | 14.203 | 6.637 | 25.0 | 15.677 | 14.1 | 12.476 | 0.466 | 0.276 | 30.7 | 0.541 | 3.5 | 0.332 | -0.233 | -35.1 | 0.405 |
| 247810.1 | 842207.1 | 137.4 | 15.295 | 7.001 | 24.6 | 16.821 | 14.0 | 13.386 | 0.606 | 0.330 | 28.5 | 0.690 | 3.2 | 0.466 | -0.286 | -31.6 | 0.547 |
| 247809.5 | 842207.9 | 137.5 | 16.529 | 7.401 | 24.1 | 18.111 | 14.0 | 14.412 | 0.772 | 0.387 | 26.6 | 0.864 | 3.2 | 0.663 | -0.362 | -28.7 | 0.755 |
| 247809.0 | 842208.7 | 137.5 | 17.800 | 7.782 | 23.6 | 19.427 | 13.8 | 15.460 | 0.966 | 0.447 | 24.8 | 1.064 | 3.0 | 0.840 | -0.415 | -26.3 | 0.937 |
| 247808.4 | 842209.6 | 137.4 | 19.111 | 8.146 | 23.1 | 20.775 | 13.5 | 16.532 | 1.192 | 0.509 | 23.1 | 1.296 | 2.7 | 0.983 | -0.443 | -24.3 | 1.078 |
| 247807.8 | 842210.4 | 137.6 | 20.815 | 8.632 | 22.5 | 22.534 | 13.2 | 17.932 | 1.457 | 0.574 | 21.5 | 1.566 | 3.0 | 1.420 | -0.580 | -22.2 | 1.534 |
| 247807.2 | 842211.2 | 137.6 | 22.434 | 9.041 | 22.0 | 24.188 | 12.8 | 19.248 | 1.759 | 0.638 | 19.9 | 1.872 | 2.9 | 1.712 | -0.639 | -20.5 | 1.827 |
| 247806.6 | 842212.0 | 137.6 | 24.164 | 9.454 | 21.4 | 25.948 | 12.2 | 20.649 | 2.103 | 0.702 | 18.4 | 2.217 | 2.7 | 2.040 | -0.695 | -18.8 | 2.155 |
| 247806.1 | 842212.8 | 137.5 | 25.946 | 9.848 | 20.8 | 27.752 | 11.5 | 22.084 | 2.487 | 0.762 | 17.0 | 2.601 | 2.5 | 2.351 | -0.731 | -17.3 | 2.462 |
| 247805.5 | 842213.6 | 137.5 | 27.674 | 10.199 | 20.2 | 29.494 | 10.6 | 23.471 | 2.907 | 0.817 | 15.7 | 3.019 | 2.2 | 2.547 | -0.724 | -15.9 | 2.648 |
| 247804.9 | 842214.4 | 137.4 | 29.414 | 10.535 | 19.7 | 31.244 | 9.6 | 24.863 | 3.356 | 0.867 | 14.5 | 3.466 | 1.9 | 2.717 | -0.707 | -14.6 | 2.808 |
| 247804.3 | 842215.3 | 137.2 | 30.873 | 10.789 | 19.3 | 32.704 | 8.5 | 26.025 | 3.816 | 0.910 | 13.4 | 3.923 | 1.5 | 2.578 | -0.615 | -13.4 | 2.650 |
| 247803.8 | 842216.1 | 137.2 | 32.506 | 11.090 | 18.8 | 34.345 | 7.4 | 27.331 | 4.277 | 0.946 | 12.5 | 4.381 | 1.2 | 2.683 | -0.590 | -12.4 | 2.747 |
| 247803.2 | 842216.9 | 137.4 | 34.918 | 11.575 | 18.3 | 36.786 | 6.2 | 29.274 | 4.726 | 0.976 | 11.7 | 4.826 | 1.4 | 3.771 | -0.774 | -11.6 | 3.849 |
| 247802.6 | 842217.7 | 137.5 | 37.183 | 12.024 | 17.9 | 39.078 | 5.0 | 31.098 | 5.122 | 0.998 | 11.0 | 5.218 | 1.4 | 4.850 | -0.940 | -11.0 | 4.941 |
| 247802.0 | 842218.5 | 137.6 | 38.688 | 12.328 | 17.7 | 40.605 | 3.6 | 32.313 | 5.417 | 1.014 | 10.6 | 5.511 | 1.3 | 5.355 | -0.996 | -10.5 | 5.447 |
| 247801.4 | 842219.3 | 137.6 | 39.819 | 12.592 | 17.5 | 41.762 | 2.3 | 33.233 | 5.593 | 1.024 | 10.4 | 5.686 | 1.2 | 5.760 | -1.048 | -10.3 | 5.854 |
| 247800.9 | 842220.2 | 137.7 | 40.498 | 12.810 | 17.6 | 42.476 | 1.2 | 33.801 | 5.632 | 1.031 | 10.4 | 5.726 | 1.3 | 6.031 | -1.095 | -10.3 | 6.129 |
| 247800.3 | 842221.0 | 137.7 | 40.688 | 12.979 | 17.7 | 42.707 | 1.5 | 33.986 | 5.530 | 1.034 | 10.6 | 5.625 | 1.4 | 6.146 | -1.138 | -10.5 | 6.251 |
| 247799.7 | 842221.8 | 137.7 | 40.391 | 13.098 | 18.0 | 42.461 | 2.7 | 33.789 | 5.297 | 1.032 | 11.0 | 5.397 | 1.7 | 6.102 | -1.176 | -10.9 | 6.214 |
| 247799.1 | 842222.6 | 137.8 | 39.612 | 13.157 | 18.4 | 41.740 | 4.1 | 33.216 | 4.958 | 1.024 | 11.7 | 5.062 | 2.0 | 5.870 | -1.197 | -11.5 | 5.991 |
| 247798.5 | 842223.4 | 137.8 | 38.364 | 13.142 | 18.9 | 40.553 | 5.4 | 32.271 | 4.541 | 1.008 | 12.5 | 4.652 | 2.3 | 5.413 | -1.183 | -12.3 | 5.540 |
| 247798.0 | 842224.2 | 137.7 | 36.553 | 13.002 | 19.6 | 38.797 | 6.5 | 30.874 | 4.077 | 0.983 | 13.6 | 4.194 | 2.4 | 4.572 | -1.080 | -13.3 | 4.698 |
| 247797.4 | 842225.0 | 137.6 | 34.627 | 12.818 | 20.3 | 36.923 | 7.5 | 29.383 | 3.605 | 0.949 | 14.7 | 3.728 | 2.5 | 3.732 | -0.956 | -14.4 | 3.853 |
| 247796.8 | 842225.9 | 137.6 | 32.981 | 12.691 | 21.0 | 35.339 | 8.4 | 28.122 | 3.153 | 0.908 | 16.1 | 3.281 | 2.7 | 3.256 | -0.910 | -15.6 | 3.381 |
| 247796.2 | 842226.7 | 137.6 | 31.294 | 12.527 | 21.8 | 33.708 | 9.2 | 26.824 | 2.727 | 0.859 | 17.5 | 2.859 | 2.8 | 2.766 | -0.843 | -17.0 | 2.892 |
| 247795.7 | 842227.5 | 137.6 | 29.656 | 12.345 | 22.6 | 32.123 | 9.9 | 25.563 | 2.338 | 0.804 | 19.0 | 2.472 | 2.9 | 2.324 | -0.771 | -18.4 | 2.448 |
| 247795.1 | 842228.3 | 137.6 | 28.098 | 12.152 | 23.4 | 30.613 | 10.4 | 24.361 | 1.989 | 0.745 | 20.5 | 2.124 | 2.9 | 1.932 | -0.697 | -19.8 | 2.053 |
| 247794.5 | 842229.1 | 137.5 | 26.432 | 11.865 | 24.2 | 28.973 | 10.6 | 23.056 | 1.680 | 0.682 | 22.1 | 1.813 | 2.5 | 1.373 | -0.532 | -21.2 | 1.472 |
| 247793.9 | 842229.9 | 137.5 | 25.135 | 11.684 | 24.9 | 27.718 | 10.9 | 22.057 | 1.413 | 0.620 | 23.7 | 1.543 | 2.4 | 1.135 | -0.474 | -22.6 | 1.230 |
| 247793.3 | 842230.8 | 137.5 | 23.963 | 11.518 | 25.7 | 26.587 | 11.1 | 21.158 | 1.183 | 0.557 | 25.2 | 1.308 | 2.4 | 0.951 | -0.426 | -24.1 | 1.042 |