|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table S1 List of coastal sample locations and coordinates. For geomorphic types, HE = high-energy shoreline, CW = coastal wetland, EB = embayment, PW = protected wetland, RW = riverine wetland, nearshore = core surface samples collected from ~30 m depth near shore. Details of the methods used for water quality analyses are provided by Reavie *et al.* (2006). Missing values indicate they were not measured, except for Secchi depths where it indicates the location was too shallow to obtain a measurement. | | | | | | | | | | | | | | | | | | | |
| **Lake** | **Segment-shed** | **Latitude** | **Longitude** | **Sample type** | **Geomorphic type** | **pH** | **Temperature (°C)** | **Specific conductivity (µS/cm)** | **Turbidity (NTU)** | **Total suspended solids (mg/L)** | **Alkalinity (meq/L)** | **Chlorophyll *a* (µg/L)** | **Total phosphorus (µg/L)** | **Total nitrogen (µg/L)** | **Ammonium (µg/L)** | **Nitrates + nitrites (µg/L)** | **Dissolved organic carbon (mg/L)** | **Chloride (mg/L)** | **Secchi depth (m)** |
| Superior | 29 | 47.35 | -91.17 | epilithon | HE | 7.83 | 8.3 | 93.4 | 0.4 | 0.0 | 43.6 | 0.93 | 3 | 432 | 8 | 337 | 1.37 | 1.40 |  |
| Superior | 42 | 47.02 | -91.66 | epilithon | HE | 7.83 | 11.3 | 93.1 | 0.1 | 0.4 | 44.0 | 0.64 | 3 | 420 | 4 | 325 | 1.40 | 1.30 |  |
| Superior | 43 | 46.96 | -91.75 | core top | nearshore | 9.28 | 12.2 | 98.5 |  | 0.6 |  | 1.52 | 4 | 461 | 5 | 328 | 1.39 | 1.96 |  |
| Superior | 51 | 46.78 | -92.09 | epilithon | HE | 7.83 | 13.8 | 112.8 | 1.1 | 0.6 | 46.4 | 1.01 | 9 | 512 | 46 | 331 | 2.00 | 3.85 |  |
| Superior | 52 | 46.75 | -92.11 | core top | CW | 7.57 | 32.4 | 927.0 | 3.5 | 4.5 | 215.9 | 4.89 | 521 | 8060 | 6406 | 261 | 27.07 | 75.90 | 0.42 |
| Superior | 55 | 46.65 | -92.25 | core top | PW | 9.30 | 25.8 | 165.8 | 5.1 | 13.0 | 69.5 | 8.54 | 39 | 802 | 8 | 3 | 20.25 | 6.08 | 0.50 |
| Superior | 61 | 46.69 | -92.03 | core top | RW | 8.69 | 26.2 | 205.1 | 3.8 | 7.2 | 60.7 | 13.97 | 47 | 837 | 14 | 140 | 14.21 | 14.95 |  |
| Superior | 63 | 46.68 | -91.99 | core top | EB | 7.40 | 13.1 | 134.3 | 57.8 | 50.0 | 59.9 | 12.44 | 29 | 1035 | 21 | 367 | 14.45 | 14.04 | 0.19 |
| Superior | 68 | 46.68 | -91.82 | core top | RW | 7.39 | 19.6 | 130.4 | 19.9 | 10.0 | 49.1 | 1.50 | 82 | 1729 | 43 | 79 | 9.00 | 10.50 | 0.20 |
| Superior | 84 | 46.79 | -91.37 | core top | RW | 6.99 | 23.1 | 170.4 | 26.6 | 17.5 | 73.5 | 4.34 | 169 | 1541 | 45 | 148 | 10.00 | 7.50 | 0.22 |
| Superior | 88 | 46.86 | -91.13 | core top | PW | 7.64 | 22.4 | 191.3 | 4.2 | 3.6 | 89.0 | 1.87 | 14 | 237 | 4 | 2 | 6.21 | 0.90 |  |
| Superior | 102 | 46.59 | -90.94 | core top | CW | 7.80 | 19.3 | 126.7 | 2.9 | 6.3 | 54.2 | 2.09 | 21 | 293 | 11 | 143 | 1.87 | 1.80 | 2.20 |
| Superior | 104 | 46.58 | -90.94 | core top | RW | 7.54 | 17.2 | 170.4 | 8.0 | 11.4 | 82.8 | 1.12 | 42 | 158 | 7 | 28 | 2.87 | 3.36 | 0.64 |
| Superior | 105 | 46.58 | -90.91 | core top | PW | 7.71 | 19.4 | 126.0 | 7.2 | 10.2 | 57.7 | 2.33 | 37 | 311 | 5 | 125 | 2.17 | 2.61 | 0.79 |
| Superior | 109 | 46.66 | -90.72 | core top | CW | 7.83 | 24.4 | 92.5 | 7.1 | 8.3 | 42.2 | 3.84 | 17 | 283 | 3 | 0 | 5.67 | 1.59 | 0.62 |
| Superior | 110 | 46.66 | -90.69 | core top | PW | 7.56 | 24.1 | 79.6 | 1.7 | 3.1 | 33.6 | 7.34 | 29 | 687 | 7 | 0 | 16.58 | 2.72 | 1.18 |
| Superior | 180 | 47.46 | -88.06 | epilithon | HE | 7.90 | 8.9 | 92.2 | 2.0 | 0.0 | 45.0 | 0.53 | 4 | 393 | 1 | 339 | 1.37 | 1.38 |  |
| Superior | 183 | 47.37 | -87.94 | core top | HE | 7.97 | 20.3 | 93.2 | 2.7 | 2.3 | 44.0 | 0.67 | 6 | 412 | 5 | 323 | 1.62 | 1.45 |  |
| Superior | 191 | 46.82 | -88.47 | core top | HE | 7.32 | 20.8 | 96.8 | 0.7 | 2.0 | 42.1 | 0.67 | 7 | 424 | 13 | 292 | 1.83 | 2.00 |  |
| Superior | 192 | 46.76 | -88.48 | core top | PW | 7.86 | 21.5 | 173.4 | 1.9 | 2.4 | 90.9 | 0.40 | 14 | 111 | 1 | 6 | 2.09 | 0.78 |  |
| Superior | 200 | 46.9 | -88.15 | core top | PW | 7.47 | 23.5 | 70.9 | 2.0 | 4.0 | 35.7 | 5.87 | 10 | 416 | 9 | 29 | 8.76 | 1.15 |  |
| Superior | 202 | 46.89 | -87.87 | ponar | nearshore | 8.83 | 20.0 | 98.1 |  | 0.3 |  | 0.64 | 2 | 366 | 6 | 299 | 1.49 | 1.57 |  |
| Michigan | 204 | 45.04 | -87.05 | core top | PW | 7.17 | 21.7 | 107.4 | 3.3 | 2.5 | 48.3 | 2.30 | 10 | 288 | 11 | 47 | 6.57 | 1.05 |  |
| Michigan | 205 | 45.04 | -87.05 | core top | EB | 9.70 | 28.4 | 256.4 |  | 7.2 |  | 2.00 | 41 | 843 | 17 | 2 | 8.46 | 15.58 |  |
| Superior | 208 | 46.58 | -87.37 | core top | PW | 6.49 | 22.0 | 71.2 | 3.1 | 2.0 | 24.1 | 0.53 | 8 | 362 | 17 | 39 | 7.74 | 2.45 |  |
| Superior | 212 | 46.49 | -87.14 | core top | PW | 5.09 | 26.1 | 22.5 | 0.9 | 1.4 | 3.4 | 2.18 | 11 | 624 | 11 | 0 | 17.47 | 0.33 |  |
| Superior | 213 | 46.52 | -87.01 | epilithon | HE | 7.63 | 19.7 | 96.2 | 1.5 | 1.0 | 41.2 | 1.00 | 6 | 459 | 9 | 271 | 3.84 | 1.83 |  |
| Superior | 217 | 46.42 | -86.63 | core top | EB | 8.19 | 16.1 | 102.0 | 2.0 | 0.5 | 45.3 | 0.37 | 4 | 370 | 4 | 294 | 1.62 | 2.08 |  |
| Superior | 225 | 46.68 | -85.54 | ponar | nearshore | 8.70 | 18.8 | 98.4 |  | 0.7 |  | 0.51 | 2 | 429 | 9 | 305 | 1.46 | 1.56 |  |
| Huron | 242 | 46.17 | -84.21 | core top | CW | 7.87 | 22.6 | 216.1 | 26.5 | 32.0 | 103.7 | 4.23 | 99 | 1125 | 20 | 0 | 25.53 | 0.44 | 0.20 |
| Huron | 247 | 45.99 | -84.34 | core top | EB | 7.87 | 18.9 | 189.4 | 6.8 | 10.8 | 80.7 | 0.70 | 16 | 375 | 38 | 111 | 2.63 | 5.40 | 0.85 |
| Huron | 248 | 46 | -84.53 | core top | CW | 8.07 | 23.0 | 215.1 | 1.3 | 1.6 | 96.6 | 0.58 | 11 | 458 | 35 | 113 | 4.55 | 6.34 |  |
| Michigan | 269 | 45.94 | -86.25 | core top | CW | 7.95 | 17.4 | 223.5 | 2.8 | 5.0 | 86.2 | 2.89 | 16 | 502 | 17 | 153 | 7.23 | 6.70 |  |
| Michigan | 273 | 45.8 | -86.59 | core top | EB | 7.93 | 19.7 | 259.7 | 1.5 | 2.0 | 100.9 | 1.60 | 10 | 323 | 6 | 16 | 4.86 | 10.03 |  |
| Michigan | 275 | 45.81 | -86.78 | core top | CW | 8.53 | 24.5 | 252.2 | 2.8 | 7.1 | 100.4 | 0.35 | 16 | 317 | 12 | 38 | 5.89 | 10.01 | 1.50 |
| Michigan | 278 | 45.91 | -86.95 | core top | CW | 7.67 | 22.7 | 282.7 | 2.4 | 7.3 | 147.4 | 2.57 | 25 | 791 | 14 | 16 | 21.37 | 5.02 |  |
| Michigan | 281 | 45.7 | -87.08 | epilithon | RW | 8.44 | 23.7 | 263.3 | 0.5 | 2.5 | 134.1 | 1.25 | 15 | 760 | 11 | 30 | 19.77 | 2.54 |  |
| Michigan | 289 | 45.09 | -87.59 | core top | HE | 7.94 | 18.2 | 260.7 | 0.4 | 2.0 | 105.7 | 1.67 | 14 | 426 | 21 | 134 | 4.94 | 10.05 |  |
| Michigan | 290 | 45.04 | -87.61 | core top | CW | 7.23 | 20.8 | 197.4 | 3.3 | 2.2 | 82.7 | 1.47 | 74 | 2439 | 115 | 80 | 43.14 | 8.62 |  |
| Michigan | 294 | 44.89 | -87.83 | core top | CW | 8.29 | 21.3 | 284.8 | 9.8 | 31.7 | 111.3 | 28.39 | 69 | 959 | 40 | 39 | 4.92 | 13.94 | 0.57 |
| Michigan | 299 | 44.68 | -87.98 | core top | RW | 8.05 | 28.3 | 660.0 | 13.0 | 28.6 | 234.7 | 30.34 | 181 | 1465 | 25 | 365 | 10.65 | 40.90 | 0.37 |
| Michigan | 300 | 44.66 | -87.99 | core top | CW | 8.81 | 30.4 | 339.6 | 7.5 | 20.0 | 130.0 | 11.68 | 60 | 906 | 9 | 26 | 7.91 | 18.89 | 0.67 |
| Michigan | 302 | 44.62 | -88.01 | core top | PW | 8.63 | 23.1 | 347.8 | 80.8 | 260.8 | 124.7 | 85.66 | 397 | 2372 | 9 | 4 | 7.93 | 23.10 | 0.15 |
| Michigan | 304 | 44.56 | -88.03 | core top | CW | 8.28 | 26.8 | 365.8 | 14.1 | 45.0 | 136.8 | 39.10 | 159 | 1410 | 13 | 185 | 8.21 | 20.12 | 0.19 |
| Michigan | 305 | 44.53 | -87.98 | core top | RW | 8.94 | 26.8 | 443.4 | 32.4 | 53.0 | 154.5 | 75.00 | 314 | 1983 | 9 | 1 | 10.55 | 40.25 | 0.26 |
| Michigan | 311 | 44.84 | -87.54 | epilithon | EB | 8.82 | 24.6 | 265.8 | 2.4 | 6.4 | 100.4 | 4.54 | 21 | 441 | 4 | 4 | 4.53 | 12.45 |  |
| Michigan | 313 | 45.28 | -87.02 | epilithon | EB | 7.98 | 19.6 | 269.1 | 0.7 | 2.0 | 104.7 | 0.67 | 6 | 394 | 32 | 128 | 2.99 | 11.61 |  |
| Michigan | 325 | 44.14 | -87.57 | core top | RW | 8.17 | 25.3 | 661.0 | 35.2 | 90.0 | 247.9 | 90.45 | 405 | 2904 | 43 | 1005 | 14.24 | 17.52 | 0.17 |
| Michigan | 339 | 43.69 | -87.7 | core top | nearshore | 9.30 | 13.7 | 290.6 |  | 0.7 |  | 1.07 | 6 | 413 | 6 | 274 | 1.80 | 11.62 |  |
| Michigan | 350 | 42.62 | -87.81 | epilithon | HE | 8.36 | 22.2 | 297.9 | 1.6 | 11.5 | 109.4 | 1.07 | 15 | 458 | 10 | 249 | 2.05 | 11.04 |  |
| Michigan | 352 | 42.49 | -87.8 | core top | RW | 7.75 | 26.6 | 351.0 | 1.4 | 1.8 | 122.9 | 0.33 | 18 | 512 | 40 | 128 | 3.71 | 15.25 | 2.45 |
| Michigan | 354 | 42.24 | -87.78 | core top | nearshore | 9.05 | 12.7 | 292.1 |  | 1.0 |  | 1.02 | 2 | 411 | 13 | 313 | 1.71 | 11.81 |  |
| Michigan | 356 | 41.71 | -87.52 | core top | HE | 8.59 | 28.5 | 299.7 | 0.8 | 5.5 | 104.0 | 1.70 | 13 | 579 | 15 | 121 | 2.46 | 6.80 |  |
| Michigan | 361 | 41.8 | -86.73 | core top | HE | 8.29 | 22.8 | 295.5 | 6.2 | 10.5 | 109.4 | 4.94 | 6 | 430 | 12 | 261 | 1.97 | 12.67 |  |
| Michigan | 364 | 41.95 | -86.57 | core top | PW | 7.84 | 26.7 | 549.3 | 4.8 | 1.5 | 168.6 | 0.83 | 8 | 781 | 16 | 6 | 15.12 | 68.44 |  |
| Michigan | 365 | 42.09 | -86.48 | core top | RW | 8.09 | 22.4 | 517.0 | 3.8 | 11.0 | 168.7 | 5.47 | 46 | 1043 | 5 | 814 | 2.29 | 21.85 | 0.47 |
| Michigan | 369 | 42.39 | -86.28 | core top | RW | 8.18 | 24.3 | 458.9 | 4.9 | 7.1 | 117.0 | 6.67 | 57 | 1422 | 399 | 790 | 7.18 | 27.04 |  |
| Michigan | 374 | 42.88 | -86.21 | core top | RW | 8.23 | 20.3 | 325.3 | 1.7 | 4.3 | 112.1 | 1.62 | 25 | 817 | 18 | 535 | 3.07 | 17.99 |  |
| Michigan | 375 | 42.97 | -86.22 | core top | RW | 7.49 | 25.0 | 317.2 | 9.8 | 10.0 | 111.5 | 4.00 | 44 | 726 | 89 | 215 | 5.85 | 20.18 | 0.50 |
| Michigan | 378 | 43.17 | -86.3 | core top | RW | 8.33 | 24.2 | 475.8 | 7.4 | 28.0 | 133.5 | 27.50 | 227 | 2236 | 77 | 479 | 7.01 | 47.05 |  |
| Michigan | 388 | 43.98 | -86.47 | core top | HE | 8.35 | 14.7 | 296.4 | 1.1 | 3.0 | 119.8 | 2.54 | 11 | 654 | 9 | 407 | 2.63 | 12.48 |  |
| Michigan | 389 | 44.05 | -86.49 | ponar | nearshore | 8.95 | 18.7 | 293.2 |  | 1.3 |  | 1.45 | 2 | 363 | 10 | 265 | 1.81 | 11.76 |  |
| Michigan | 393 | 44.47 | -86.24 | core top | RW | 8.08 | 12.3 | 340.3 | 5.1 | 7.2 | 183.7 | 2.01 | 38 | 1002 | 18 | 596 | 6.90 | 3.63 |  |
| Michigan | 396 | 44.79 | -86.1 | epilithon | HE | 7.90 | 9.4 | 273.9 | 0.8 | 0.6 | 112.6 | 0.24 | 2 | 437 | 5 | 296 | 1.64 | 10.98 |  |
| Michigan | 407 | 45.64 | -85.03 | epilithon | HE | 8.45 | 14.2 | 246.8 | 0.7 | 0.6 | 98.6 | 0.63 | 4 | 390 | 9 | 217 | 2.01 | 9.50 |  |
| Huron | 411 | 45.65 | -84.42 | core top | PW | 7.91 | 13.9 | 225.4 | 2.8 | 4.0 | 109.4 | 2.54 | 17 | 677 | 8 | 1 | 18.18 | 8.69 |  |
| Huron | 412 | 43.53 | -83.19 | core top | CW |  |  |  |  |  |  | 5.70 | 27 | 793 | 21 | 20 | 7.59 |  |  |
| Huron | 416 | 45.43 | -83.82 | ponar | nearshore | 8.49 | 16.5 | 184.5 |  | 1.0 |  | 0.82 | 2 | 261 | 12 | 336 | 1.54 | 6.27 |  |
| Huron | 417 | 45.4 | -83.74 | core top | EB | 7.18 | 12.6 | 235.1 | 1.8 | 0.9 | 94.3 | 0.18 | 1 | 413 | 6 | 288 | 1.71 | 7.40 |  |
| Huron | 419 | 45.34 | -83.52 | epilithon | EB | 8.29 | 13.4 | 199.9 | 5.4 | 5.7 | 82.9 | 2.30 | 6 | 476 | 6 | 247 | 1.90 | 6.43 |  |
| Huron | 420 | 45.27 | -83.41 | core top | PW | 7.01 | 29.0 | 1332.0 | 3.1 | 3.0 | 109.1 | 0.87 | 6 | 386 | 18 | 71 | 2.46 | 76.02 |  |
| Huron | 421 | 45.1 | -83.31 | core top | CW | 8.07 | 20.7 | 1051.0 | 6.7 | 22.0 | 106.3 | 3.14 | 18 | 535 | 17 | 1 | 7.88 | 14.13 |  |
| Huron | 422 | 45.04 | -83.38 | core top | RW | 8.07 | 21.3 | 390.2 | 7.6 | 10.6 | 177.2 | 3.20 | 45 | 812 | 10 | 10 | 13.07 | 12.11 |  |
| Huron | 423 | 44.98 | -83.44 | core top | CW | 8.61 | 20.6 | 233.2 | 2.8 | 9.3 | 100.7 | 4.07 | 17 | 595 | 10 | 84 | 4.99 | 7.67 |  |
| Huron | 425 | 44.77 | -83.29 | core top | HE | 8.20 | 24.6 | 200.4 | 1.7 | 1.2 | 74.2 | 1.30 | 5 | 393 | 18 | 244 | 1.51 | 6.29 |  |
| Huron | 426 | 44.52 | -83.31 | core top | HE | 8.28 | 17.8 | 214.8 | 3.5 | 1.6 | 89.1 | 1.51 | 11 | 443 | 14 | 261 | 2.08 | 6.89 |  |
| Huron | 439 | 43.99 | -83.81 | core top | CW | 8.32 | 16.2 | 366.7 | 8.0 | 12.0 | 180.3 | 4.54 | 36 | 779 | 11 | 332 | 7.42 | 14.05 |  |
| Huron | 445 | 43.89 | -83.91 | core top | CW | 8.60 | 23.9 | 333.4 | 11.0 | 11.8 | 86.1 | 4.48 | 25 | 692 | 26 | 47 | 7.38 | 32.30 |  |
| Huron | 446 | 43.87 | -83.91 | core top | CW | 8.30 | 22.5 | 328.0 | 19.3 | 9.4 | 97.7 | 5.91 | 27 | 642 | 24 | 13 | 6.23 | 34.60 |  |
| Huron | 451 | 43.72 | -83.94 | core top | PW | 8.60 | 26.8 | 634.0 | 8.6 | 10.0 | 113.7 | 13.95 | 47 | 1744 | 20 | 13 | 20.38 | 99.10 |  |
| Huron | 453 | 43.63 | -83.8 | top core | RW | 8.08 | 26.2 | 180.0 | 4.3 | 16.0 | 173.3 | 12.95 | 64 | 1291 | 96 | 863 | 7.39 | 112.63 |  |
| Huron | 459 | 43.87 | -83.34 | core top | CW | 8.77 | 19.8 | 336.0 | 4.8 | 5.0 | 76.6 | 3.74 | 23 | 707 | 20 | 14 | 7.00 | 37.60 |  |
| Huron | 461 | 43.91 | -83.4 | core top | CW | 8.89 | 22.7 | 306.6 | 10.1 | 14.0 | 72.5 | 6.94 | 23 | 724 | 12 | 101 | 5.14 | 37.50 |  |
| Huron | 462 | 43.94 | -83.27 | core top | HE | 8.61 | 26.5 | 239.5 | 8.4 | 5.9 | 83.1 | 2.47 | 9 | 356 | 5 | 146 | 2.32 | 10.78 |  |
| Huron | 470 | 44.02 | -82.79 | epilithon | HE | 8.80 | 27.4 | 230.4 | 3.7 | 1.3 | 81.9 | 0.42 | 9 | 460 | 24 | 183 | 2.57 | 10.46 |  |
| Huron | 486 | 43.75 | -82.61 | epilithon | CW | 8.32 | 17.2 | 217.5 | 4.9 | 1.1 | 83.1 | 0.22 | 3 | 437 | 18 | 279 | 1.92 | 7.92 |  |
| Erie | 568 | 42.04 | -83.18 | core top | RW | 8.16 | 23.8 | 1131.0 | 2.5 | 11.0 | 168.1 | 11.08 | 50 | 494 | 8 | 0 | 6.28 | 98.94 |  |
| Erie | 569 | 42.01 | -83.2 | core top | RW | 7.49 | 21.3 | 1888.0 | 7.7 | 82.4 | 119.3 | 20.83 | 113 | 859 | 10 | 0 | 5.90 | 68.35 | 0.15 |
| Erie | 574 | 41.89 | -83.33 | core top | nearshore | 8.70 | 25.1 | 289.7 |  | 4.9 |  | 7.40 | 25 | 638 | 31 | 348 | 2.95 | 13.69 |  |
| Erie | 581 | 41.75 | -83.45 | core top | EB | 8.83 | 25.4 | 349.3 | 12.3 | 32.8 | 96.9 | 12.56 | 64 | 832 | 10 | 136 | 4.60 | 24.93 | 0.43 |
| Erie | 582 | 41.74 | -83.47 | core top | PW | 8.07 | 23.9 | 496.0 | 28.0 | 82.0 | 122.7 | 46.73 | 241 | 1330 | 32 | 14 | 7.42 | 45.10 | 0.15 |
| Erie | 585 | 41.69 | -83.44 | core top | EB | 8.78 | 23.6 | 343.6 | 56.7 | 69.6 | 111.4 | 73.96 | 84 | 2291 | 5 | 1429 | 6.96 | 20.59 | 0.10 |
| Erie | 588 | 41.62 | -83.19 | core top | PW | 8.40 | 23.1 | 326.0 | 51.6 | 90.0 | 101.8 | 25.90 | 77 | 3416 | 14 | 2610 | 5.68 | 18.38 | 0.10 |
| Erie | 591 | 41.54 | -83 | core top | HE | 8.27 | 25.4 | 281.1 | 9.8 | 3.0 | 78.9 | 2.00 | 17 | 819 | 44 | 248 | 3.65 | 18.60 |  |
| Erie | 593 | 41.5 | -82.8 | core top | PW | 7.52 | 28.9 | 581.0 | 1.3 | 6.5 | 203.8 | 12.37 | 117 | 2311 | 18 | 11 | 29.05 | 39.80 |  |
| Erie | 595 | 41.44 | -83.01 | core top | RW | 8.38 | 25.3 | 651.0 | 5.8 | 22.7 | 114.3 | 40.23 | 148 | 6210 | 32 | 6380 | 7.23 | 37.18 | 0.25 |
| Erie | 596 | 41.43 | -83 | core top | RW | 8.37 | 25.1 | 651.0 | 5.7 | 26.8 | 114.3 | 52.73 | 127 | 7265 | 67 | 6015 | 7.42 | 37.26 | 0.25 |
| Erie | 602 | 41.46 | -82.79 | core top | PW | 8.78 | 29.1 | 566.0 | 4.5 | 10.2 | 3.0 | 8.68 | 51 | 1411 | 3 | 8 | 16.06 | 43.46 | 0.20 |
| Erie | 605 | 41.43 | -82.65 | core top | EB | 9.02 | 30.0 | 340.3 | 12.2 | 42.0 | 89.7 | 25.63 | 124 | 980 | 12 | 14 | 6.07 | 25.10 | 0.30 |
| Erie | 606 | 41.42 | -82.62 | top core | CW | 8.84 | 25.8 | 470.0 | 15.1 | 18.6 | 106.9 | 11.88 | 51 | 592 | 19 | 28 | 6.37 | 50.68 | 0.20 |
| Erie | 610 | 41.38 | -82.51 | core top | RW | 7.58 | 24.9 | 477.7 | 15.1 | 27.0 | 152.0 | 16.42 | 51 | 1921 | 139 | 1146 | 7.35 | 39.13 | 0.30 |
| Erie | 617 | 41.5 | -81.7 | core top | HE | 8.12 | 16.9 | 320.5 | 18.3 | 24.2 | 100.1 | 1.47 | 36 | 1237 | 46 | 922 | 2.85 | 36.75 | 0.25 |
| Erie | 620 | 41.38 | -82.51 | core top | EB |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Erie | 622 | 41.75 | -81.28 | core top | CW | 8.44 | 24.9 | 288.9 | 5.3 | 4.0 | 85.5 | 6.61 | 26 | 758 | 5 | 479 | 3.48 | 21.52 |  |
| Erie | 635 | 41.9 | -80.79 | core top | RW | 7.34 | 18.7 | 345.3 | 6.8 | 6.5 | 125.0 | 3.49 | 42 | 945 | 172 | 588 | 5.08 | 28.35 | 0.41 |
| Erie | 645 | 42.12 | -80.15 | core top | nearshore | 8.47 | 17.2 | 272.8 |  | 1.3 |  | 1.54 | 7 | 741 | 16 | 403 | 1.97 | 18.00 |  |
| Erie | 646 | 42.14 | -80.07 | core top | EB | 8.85 | 26.5 | 295.8 | 2.0 | 5.5 | 84.3 | 14.15 | 39 | 761 | 30 | 25 | 4.43 | 23.93 |  |
| Erie | 658 | 42.57 | -79.13 | core top | nearshore | 8.49 | 15.9 | 283.2 |  | 1.6 |  | 1.51 | 4 | 552 | 15 | 290 | 2.02 | 20.17 |  |
| Ontario | 688 | 43.37 | -78.17 | ponar | nearshore | 8.52 | 10.3 | 298.5 |  | 0.7 |  | 3.10 | 2 | 312 | 12 | 310 | 1.95 | 23.13 |  |
| Ontario | 696 | 43.3 | -77.71 | core top | CW | 8.62 | 27.2 | 427.5 | 9.1 | 10.2 | 127.6 | 18.29 | 79 | 729 | 13 | 2 | 6.07 | 106.57 | 0.40 |
| Ontario | 697 | 43.29 | -77.68 | core top | PW | 8.23 | 27.3 | 652.0 | 23.0 | 23.2 | 120.5 | 39.52 | 148 | 2393 | 352 | 63 | 8.50 | 106.57 | 0.25 |
| Ontario | 698 | 43.28 | -77.65 | core top | RW | 7.89 | 27.1 | 768.0 | 7.7 | 8.6 | 153.0 | 5.07 | 36 | 673 | 5 | 3 | 8.06 | 120.74 |  |
| Ontario | 700 | 43.26 | -77.62 | core top | RW | 7.63 | 27.8 | 420.0 | 3.6 | 1.3 | 88.7 | 1.20 | 91 | 1093 | 171 | 508 | 4.09 | 47.00 | 0.41 |
| Ontario | 719 | 43.29 | -76.89 | ponar | nearshore | 8.46 | 8.1 | 311.8 |  | 0.6 |  | 2.44 | 5 | 745 | 2 | 408 | 1.87 | 25.24 |  |
| Ontario | 720 | 43.3 | -76.84 | core top | PW | 6.70 | 23.2 | 263.4 | 1.4 | 2.8 | 114.3 | 1.96 | 51 | 1056 | 15 | 5 | 17.22 | 11.76 | 0.75 |
| Ontario | 723 | 43.35 | -76.68 | core top | PW | 8.05 | 25.2 | 195.2 | 1.1 | 2.7 | 87.6 | 2.53 | 19 | 682 | 16 | 7 | 9.16 | 4.03 |  |
| Ontario | 735 | 43.52 | -76.24 | core top | RW | 6.48 | 24.2 | 247.0 | 0.0 | 2.8 | 58.3 | 2.54 | 104 | 725 | 22 | 21 | 10.35 | 22.37 | 0.69 |
| Ontario | 739 | 43.61 | -76.19 | top core | HE | 8.39 | 22.8 | 257.9 | 7.4 | 16.9 | 59.8 | 8.28 | 35 | 533 | 12 | 234 | 3.24 | 27.55 |  |
| Ontario | 740 | 43.64 | -76.18 | core top | EB | 8.11 | 24.3 | 191.0 | 1.0 | 1.3 | 51.9 | 1.07 | 19 | 356 | 40 | 30 | 8.44 | 14.20 |  |
| Ontario | 743 | 43.67 | -76.18 | epilithon | CW | 8.73 | 24.1 | 206.1 | 4.0 | 3.6 | 63.0 | 2.27 | 27 | 511 | 8 | 2 | 4.09 | 20.84 |  |
| Ontario | 744 | 43.71 | -76.2 | ponar | nearshore | 8.47 | 11.0 | 331.8 |  | 1.1 |  | 3.21 | 3 | 624 | 2 | 414 | 2.26 | 28.04 |  |
| Ontario | 746 | 43.9 | -76.15 | epilithon | EB | 8.48 | 19.2 | 270.7 | 1.7 | 0.9 | 78.5 | 0.20 | 5 | 408 | 18 | 291 | 2.84 | 26.23 |  |
| Ontario | 747 | 43.97 | -76.06 | core top | CW | 8.88 | 24.7 | 209.8 | 3.7 | 7.7 | 73.6 | 9.88 | 48 | 637 | 26 | 14 | 7.51 | 10.66 | 0.47 |
| Ontario | 748 | 43.99 | -76.06 | core top | EB | 8.39 | 21.3 | 110.8 | 3.4 | 3.9 | 39.0 | 1.78 | 30 | 738 | 19 | 133 | 6.42 | 8.55 |  |
| Ontario | 755 | 44.06 | -76.15 | core top | EB | 9.16 | 25.0 | 254.1 | 10.2 | 8.3 | 75.1 | 4.27 | 44 | 479 | 25 | 10 | 3.73 | 11.70 | 0.61 |
| Ontario | 760 | 44.05 | -76.31 | core top | RW | 9.02 | 24.2 | 274.7 | 4.8 | 11.3 | 85.2 | 4.54 | 35 | 445 | 12 | 71 | 3.44 | 18.59 | 0.74 |
| Ontario | 761 | 44.07 | -76.33 | epilithon | EB | 8.73 | 21.4 | 287.5 | 3.1 | 1.3 | 83.2 | 1.91 | 8 | 464 | 11 | 213 | 2.95 | 19.55 |  |