

| Sample Labels | Depth (ft) | As | Ca | Cd | Co | Cr | Cu | Fe | Mg | Ni | Pb | Sr | Ti | V | Zn |
|---------------------------------|------------|------|--------|------|-------|-------|--------|-------|-------|-------|------|------|------|------|-------|
| 202144 | 56 | 10.1 | 216989 | 0.30 | 1.01 | 11.6 | 1.3 | 2418 | 11986 | 5.7 | 2.5 | 2055 | 309 | 8.0 | 4.9 |
| 203210 | 53 | 7.2 | 238225 | 0.35 | 1.00 | 10.0 | 1.5 | 1515 | 13526 | 4.4 | 2.7 | 2143 | 242 | 8.4 | 4.2 |
| 203210 DUP | 53 | 5.6 | 161439 | 0.20 | 0.77 | 7.3 | 1.0 | 947 | 10469 | 2.8 | 2.4 | 1315 | 140 | 4.7 | 4.9 |
| 203953 | 52 | 10.6 | 248138 | 0.12 | 2.68 | 27.1 | 1.9 | 3556 | 12795 | 9.5 | 1.5 | 3021 | 549 | 10.7 | 23.4 |
| 204553 | 56 | 14.6 | 237292 | 0.32 | 1.52 | 14.9 | 1.8 | 3445 | 13184 | 6.4 | 2.9 | 2426 | 485 | 11.7 | 5.3 |
| 204553 DUP | 56 | 12.3 | 218921 | 0.22 | 1.31 | 12.4 | 1.7 | 2949 | 11474 | 5.0 | 4.3 | 2080 | 415 | 10.0 | 4.3 |
| 205317 | 59 | 7.2 | 336591 | 0.25 | 1.04 | 18.1 | 0.9 | 2525 | 19568 | 4.7 | 3.4 | 2689 | 315 | 8.7 | 4.0 |
| 210607 | 51 | 5.6 | 232864 | 0.28 | 2.50 | 16.2 | 2.3 | 3135 | 10173 | 9.4 | 3.5 | 3337 | 519 | 11.9 | 7.6 |
| 211436 | 53 | 11.5 | 208751 | 0.24 | 0.98 | 9.6 | 3.8 | 2061 | 13091 | 4.2 | 2.1 | 2204 | 234 | 7.3 | 4.8 |
| 211436 RPT | 53 | 3.6 | 254101 | 0.29 | 0.66 | 10.8 | 1.4 | 2199 | 13307 | 2.5 | 2.9 | 1864 | 255 | 6.2 | 2.4 |
| 214458 | 55 | 5.0 | 239228 | 0.17 | 2.45 | 15.2 | 2.0 | 3867 | 15100 | 8.0 | 4.7 | 2569 | 541 | 12.9 | 54.4 |
| 215004-58B | 58 | 10.9 | 269360 | 0.32 | 1.21 | 12.6 | 1.2 | 2713 | 13435 | 3.9 | 3.6 | 2483 | 343 | 9.0 | 4.1 |
| SED 1-1 | 60 | 12.1 | 341341 | 0.10 | 1.78 | 26.9 | 0.9 | 2581 | 15976 | 7.4 | 2.9 | 3393 | 475 | 7.8 | 4.1 |
| SED 1-1 DUP 1 | 60 | 8.3 | 263388 | 0.32 | 1.34 | 26.1 | 0.7 | 2131 | 14737 | 7.3 | 3.2 | 3005 | 419 | 7.5 | 4.0 |
| SED 1-1 DUP 2 | 60 | 12.0 | 320655 | 0.15 | 1.39 | 24.5 | 0.8 | 2354 | 15236 | 7.2 | 2.7 | 3132 | 468 | 7.4 | 3.7 |
| SED 1-2 | 60 | 9.0 | 241491 | 0.20 | 1.60 | 17.8 | 1.2 | 2378 | 11444 | 7.7 | 3.3 | 3013 | 421 | 7.8 | 10.4 |
| S1 | 73 | 9.5 | 300167 | 0.01 | 1.18 | 15.9 | 0.8 | 1447 | 13243 | 3.1 | 8.9 | 3284 | 275 | 4.9 | 6.6 |
| S2 | 72 | 10.5 | 254612 | 0.15 | 1.04 | 16.3 | 0.7 | 1579 | 11602 | 4.1 | 2.1 | 2874 | 337 | 3.7 | 2.9 |
| S3 | 68 | 7.7 | 111128 | 0.29 | 0.49 | 7.6 | 0.3 | 726 | 4960 | 2.2 | 2.4 | 1957 | 159 | 0.9 | 19.8 |
| S4 | 55 | 10.0 | 262077 | 0.20 | 0.90 | 17.0 | 1.0 | 1962 | 12043 | 5.4 | n.d. | 2640 | 386 | 4.6 | 7.1 |
| S4 DUP | 55 | 8.6 | 312144 | 0.39 | 1.46 | 24.1 | 1.0 | 2410 | 14818 | 7.3 | 2.7 | 3146 | 438 | 7.6 | 5.4 |
| S5 | 43 | 9.6 | 297863 | 0.19 | 1.18 | 21.1 | 1.1 | 2546 | 14341 | 7.3 | 39.5 | 2829 | 469 | 8.9 | 4.5 |
| S6 | 36 | 9.8 | 323986 | 0.27 | 2.15 | 25.0 | 1.8 | 3578 | 15335 | 12.6 | 33.3 | 3058 | 586 | 12.6 | 27.7 |
| S7 | 33 | 9.3 | 270782 | 0.13 | 1.58 | 18.3 | 1.9 | 2942 | 11797 | 8.4 | 61.7 | 2943 | 520 | 10.8 | 7.7 |
| S10 | 20 | 10.0 | 306219 | 0.17 | 1.48 | 15.5 | 1.0 | 2091 | 15507 | 4.9 | 55.2 | 2686 | 337 | 8.4 | 4.2 |
| Site107A | | 9.7 | 218509 | 0.34 | 1.34 | 22.8 | 2.6 | 2515 | 10998 | 7.7 | 1.9 | 1986 | 425 | 8.9 | 8.5 |
| Site107B | | 7.5 | 188243 | 0.13 | 0.63 | 8.4 | 0.8 | 1137 | 8900 | 3.0 | 2.5 | 1405 | 203 | 4.5 | 3.1 |
| WO-1P | 100 | 4.4 | 257086 | 0.20 | 0.98 | 8.6 | 1.7 | 1332 | 8866 | 3.5 | 0.6 | 3316 | 323 | 4.3 | 12.1 |
| WO-S1 | 100 | 9.6 | 219508 | 0.07 | 0.95 | 8.1 | 1.4 | 1411 | 8204 | 3.1 | 15.7 | 2775 | 355 | 5.0 | 4.8 |
| WO-S1 RPT | 100 | 7.4 | 207412 | 0.15 | 1.01 | 12.0 | 1.7 | 1676 | 10351 | 4.6 | 4.0 | 2285 | 397 | 6.6 | 5.4 |
| WO-S2B | 100 | 12.0 | 211445 | 0.12 | 2.37 | 17.9 | 5.9 | 3232 | 9590 | 11.3 | 2.6 | 2637 | 656 | 9.7 | 10.2 |
| WO-S3 | 100 | 9.4 | 317054 | 0.18 | 5.99 | 54.2 | 16.8 | 10462 | 19935 | 52.7 | 1.4 | 2569 | 1767 | 30.0 | 16.3 |
| WO-S4 | 100 | 29.4 | 221645 | 0.12 | 23.02 | 157.9 | 71.4 | 33351 | 27801 | 211.1 | 2.2 | 1747 | 5559 | 91.6 | 47.7 |
| WO-S5 | 100 | 9.2 | 231467 | 0.09 | 18.24 | 155.0 | 55.6 | 25464 | 26042 | 171.1 | 33.8 | 1913 | 4789 | 88.0 | 38.1 |
| WO-S6 | 100 | 9.2 | 302688 | 0.19 | 1.47 | 17.9 | 5.2 | 2951 | 14961 | 11.1 | 34.8 | 2572 | 574 | 10.6 | 10.4 |
| WO-S7 | 100 | 14.8 | 300836 | 0.36 | 3.81 | 17.9 | 3.2 | 2898 | 16136 | 7.8 | 3.3 | 2731 | 502 | 9.6 | 7.5 |
| WO-S8 | 100 | 9.6 | 263342 | 0.16 | 1.90 | 15.1 | 3.1 | 2222 | 12793 | 6.6 | 35.9 | 2116 | 446 | 8.3 | 7.5 |
| WO-S8 DUP | 100 | 10.9 | 248453 | 0.29 | 3.18 | 15.1 | 3.3 | 2366 | 13180 | 8.3 | 3.0 | 2245 | 456 | 7.8 | 15.1 |
| PB-1 | 15 | 13.9 | 256870 | 0.31 | 3.60 | 29.9 | 2.5 | 6415 | 15157 | 19.5 | 2.6 | 2471 | 869 | 18.1 | 11.0 |
| PB-2 | 15 | 18.2 | 330571 | 0.24 | 3.73 | 31.7 | 2.6 | 6935 | 18535 | 15.9 | 3.6 | 2882 | 940 | 17.1 | 11.4 |
| FH-S3 | 45 | 12.2 | 283626 | 0.30 | 2.03 | 25.1 | 2.9 | 5119 | 15203 | 8.9 | 3.3 | 2889 | 935 | 17.3 | 13.8 |
| P-S1 | 80 | 13.1 | 177809 | n.d. | 1.29 | 24.1 | 1.1 | 2404 | 8159 | 6.4 | 1.4 | 1952 | 492 | 6.0 | 3.6 |
| P-S2 | 55 | 8.7 | 327264 | 0.25 | 2.28 | 25.8 | 2.0 | 5162 | 16575 | 12.2 | 2.4 | 3275 | 714 | 14.5 | 19.3 |
| P-S3 | 41 | 16.1 | 296488 | 0.34 | 3.38 | 35.1 | 3.7 | 7659 | 16447 | 14.9 | 2.7 | 3187 | 1156 | 21.5 | 14.6 |
| P-S4 | 31 | 13.5 | 212347 | 0.18 | 2.78 | 28.0 | 2.9 | 6178 | 12560 | 15.6 | 2.7 | 2285 | 885 | 17.2 | 9.5 |
| MAX | | 29.4 | 353006 | 0.56 | 23.02 | 157.9 | 2146.8 | 33351 | 27801 | 211.1 | 61.7 | 3393 | 5559 | 91.6 | 161.6 |
| MIN | | 1.6 | 80016 | 0.01 | 0.22 | 2.4 | 0.3 | 387 | 4960 | 0.8 | 0.3 | 807 | 74 | 0.9 | 2.3 |
| AVERAGE | | 10.5 | 248013 | 0.23 | 2.62 | 19.4 | 57.3 | 3487 | 13919 | 10.6 | 6.9 | 2330 | 559 | 10.9 | 25.4 |
| Std.Dev | | 4.5 | 57433 | 0.10 | 3.30 | 22.0 | 260.1 | 4268 | 4060 | 26.4 | 10.5 | 550 | 742 | 12.6 | 31.8 |
| Solution Detection limit (µg/L) | | 3.2 | 0.1 | 0.1 | 1.6 | 1.5 | 1.7 | 64.6 | 50.9 | 2.0 | 6.9 | 7.5 | 5.5 | 2.6 | 16.4 |
| Reporting Limit in Solids (ppm) | | 9.7 | 40.6 | 0.22 | 0.49 | 0.46 | 0.50 | 19.4 | 15.3 | 0.60 | 2.1 | 2.2 | 1.6 | 0.77 | 4.9 |