|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Chemical Property** | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| A-P（mg/kg） | S0 | 13.000 | 12.500 | 13.500 | 13.00000 | 0.28868 |
| S1 | 11.800 | 10.800 | 10.600 | 11.06667 | 0.37118 |
| S4 | 7.900 | 7.300 | 6.600 | 7.26667 | 0.37565 |
| S6 | 6.300 | 5.100 | 7.400 | 6.26667 | 0.66416 |
| S7 | 8.900 | 9.200 | 8.600 | 8.90000 | 0.17321 |
| S8 | 6.700 | 7.000 | 7.400 | 7.03333 | 0.20276 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| A-K(g/kg) | S0 | 1.215 | 1.185 | 1.175 | 1.19167 | 0.01202 |
| S1 | 1.035 | 1.155 | 1.245 | 1.14500 | 0.06083 |
| S4 | 1.375 | 1.425 | 1.365 | 1.38833 | 0.01856 |
| S6 | 0.845 | 0.695 | 0.770 | 0.77000 | 0.04330 |
| S7 | 1.185 | 1.195 | 1.125 | 1.16833 | 0.02186 |
| S8 | 0.925 | 0.655 | 0.785 | 0.78833 | 0.07796 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| pH | S0 | 8.650 | 8.660 | 8.820 | 8.71000 | 0.05508 |
| S1 | 8.830 | 8.800 | 8.770 | 8.80000 | 0.01732 |
| S4 | 8.630 | 8.740 | 8.720 | 8.69667 | 0.03383 |
| S6 | 8.720 | 9.160 | 8.870 | 8.91667 | 0.12914 |
| S7 | 8.700 | 8.800 | 8.820 | 8.77333 | 0.03712 |
| S8 | 8.750 | 9.000 | 8.840 | 8.86333 | 0.07311 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| EC(ms/cm) | S0 | 8.000 | 7.560 | 7.480 | 7.68000 | 0.16166 |
| S1 | 7.030 | 7.190 | 6.850 | 7.02333 | 0.09821 |
| S4 | 20.500 | 20.200 | 18.980 | 19.89333 | 0.46481 |
| S6 | 14.780 | 14.750 | 14.710 | 14.74667 | 0.02028 |
| S7 | 16.930 | 16.490 | 17.360 | 16.92667 | 0.25115 |
| S8 | 12.690 | 12.370 | 13.000 | 12.68667 | 0.18187 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| SOM(g/kg) | S0 | 14.046 | 14.544 | 14.295 | 14.29500 | 0.14376 |
| S1 | 11.066 | 11.683 | 11.611 | 11.45333 | 0.19478 |
| S4 | 13.742 | 13.475 | 13.244 | 13.48700 | 0.14389 |
| S6 | 10.999 | 11.102 | 11.144 | 11.08167 | 0.04307 |
| S7 | 10.390 | 11.191 | 11.123 | 10.90133 | 0.25642 |
| S8 | 10.521 | 10.698 | 10.444 | 10.55433 | 0.07519 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| Nitrate-N(mg/kg) | S0 | 8.276 | 8.681 | 7.871 | 8.27600 | 0.23383 |
| S1 | 4.244 | 4.822 | 3.864 | 4.31000 | 0.27851 |
| S4 | 1.521 | 1.480 | 1.500 | 1.50033 | 0.01184 |
| S6 | 3.745 | 4.256 | 3.195 | 3.73200 | 0.30635 |
| S7 | 1.002 | 1.210 | 0.794 | 1.00200 | 0.12009 |
| S8 | 1.197 | 1.187 | 1.046 | 1.14333 | 0.04875 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| Ammonia-N(mg/kg) | S0 | 0.140 | 0.238 | 0.203 | 0.19367 | 0.02867 |
| S1 | 0.195 | 0.160 | 0.261 | 0.20533 | 0.02961 |
| S4 | 0.153 | 0.149 | 0.152 | 0.15133 | 0.00120 |
| S6 | 0.286 | 0.237 | 0.188 | 0.23700 | 0.02829 |
| S7 | 0.901 | 1.076 | 1.270 | 1.08233 | 0.10657 |
| S8 | 1.291 | 1.774 | 1.533 | 1.53267 | 0.13943 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| Ca+（g/kg） | S0 | 0.099 | 0.067 | 0.060 | 0.07533 | 0.01200 |
| S1 | 0.083 | 0.054 | 0.088 | 0.07500 | 0.01060 |
| S4 | 0.106 | 0.130 | 0.118 | 0.11800 | 0.00693 |
| S6 | 0.074 | 0.084 | 0.079 | 0.07900 | 0.00289 |
| S7 | 0.097 | 0.102 | 0.101 | 0.10000 | 0.00153 |
| S8 | 0.066 | 0.086 | 0.081 | 0.07767 | 0.00601 |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| HCO3-(g/kg) | S0 | 0.555 | 0.486 | 0.486 | 0.50900 | 0.02300 |
| S1 | 0.486 | 0.555 | 0.416 | 0.48567 | 0.04013 |
| S4 | 0.486 | 0.416 | 0.416 | 0.43933 | 0.02333 |
| S6 | 0.486 | 0.486 | 0.347 | 0.43967 | 0.04633 |
| S7 | 0.416 | 0.486 | 0.347 | 0.41633 | 0.04013 |
| S8 | 0.555 | 0.416 | 0.486 | 0.48567 | 0.04013 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| Cl-(g/kg) | S0 | 0.178 | 0.213 | 0.142 | 0.17750 | 0.02050 |
| S1 | 0.151 | 0.160 | 0.195 | 0.16867 | 0.01342 |
| S4 | 0.285 | 0.320 | 0.249 | 0.28450 | 0.02050 |
| S6 | 0.213 | 0.213 | 0.213 | 0.21300 | 0.00000 |
| S7 | 0.124 | 0.107 | 0.195 | 0.14200 | 0.02695 |
| S8 | 0.089 | 0.053 | 0.089 | 0.07700 | 0.01200 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| SO42-(g/kg) | S0 | 0.339 | 0.158 | 0.197 | 0.23133 | 0.05500 |
| S1 | 0.249 | 0.258 | 0.134 | 0.21367 | 0.03992 |
| S4 | 0.210 | 0.141 | 0.168 | 0.17300 | 0.02007 |
| S6 | 0.166 | 0.235 | 0.196 | 0.19900 | 0.01997 |
| S7 | 0.212 | 0.156 | 0.100 | 0.15600 | 0.03233 |
| S8 | 0.217 | 0.252 | 0.269 | 0.24600 | 0.01531 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| Salinity（g/kg） | S0 | 20.982 | 23.001 | 17.941 | 20.64133 | 1.47059 |
| S1 | 29.210 | 19.095 | 17.890 | 22.06500 | 3.58940 |
| S4 | 23.557 | 26.073 | 21.041 | 23.55700 | 1.45261 |
| S6 | 23.003 | 21.089 | 27.068 | 23.72000 | 1.76283 |
| S7 | 4.709 | 10.344 | 7.106 | 7.38633 | 1.63271 |
| S8 | 7.343 | 6.873 | 7.692 | 7.30267 | 0.23728 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| K+（g/kg） | S0 | 0.027 | 0.037 | 0.027 | 0.03033 | 0.00333 |
| S1 | 0.032 | 0.033 | 0.023 | 0.02933 | 0.00318 |
| S4 | 0.022 | 0.016 | 0.014 | 0.01733 | 0.00240 |
| S6 | 0.029 | 0.031 | 0.014 | 0.02467 | 0.00536 |
| S7 | 0.028 | 0.036 | 0.026 | 0.03000 | 0.00306 |
| S8 | 0.031 | 0.030 | 0.029 | 0.03000 | 0.00058 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| Na+（g/kg） | S0 | 19.500 | 22.000 | 17.000 | 19.50000 | 1.44338 |
| S1 | 28.000 | 18.000 | 17.000 | 21.00000 | 3.51188 |
| S4 | 22.500 | 25.000 | 20.000 | 22.50000 | 1.44338 |
| S6 | 22.000 | 20.000 | 26.000 | 22.66667 | 1.76383 |
| S7 | 3.800 | 9.500 | 6.300 | 6.53333 | 1.64958 |
| S8 | 6.350 | 6.000 | 6.700 | 6.35000 | 0.20207 |
|  |  |  |  |  |  |  |
|  | Samples | Repeat1 | Repeat2 | Repeat3 | Average | Standard Error |
| Mg2+(g/kg) | S0 | 0.037 | 0.042 | 0.030 | 0.03633 | 0.00348 |
| S1 | 0.041 | 0.035 | 0.034 | 0.03667 | 0.00219 |
| S4 | 0.049 | 0.052 | 0.049 | 0.05000 | 0.00100 |
| S6 | 0.036 | 0.040 | 0.044 | 0.04000 | 0.00231 |
| S7 | 0.032 | 0.037 | 0.037 | 0.03533 | 0.00167 |
| S8 | 0.035 | 0.035 | 0.039 | 0.03633 | 0.00133 |