|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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  |