

S3 Table. Chemistry of the sediment layer pore water. Major water bodies are labelled as follows : BJL = Bootjack Lake, HAZ = Hazeltine Creek, POL = Polley Lake, QUE = Quesnel Lake.

| Lake | SiteID | SO ₄ ²⁻ | NH ₄ ⁺ | PO ₄ ³⁻ | NO ₃ ⁻ | Lake | SiteID | SO ₄ ²⁻ | NH ₄ ⁺ | PO ₄ ³⁻ | NO ₃ ⁻ |
|------|---------|-------------------------------|------------------------------|-------------------------------|------------------------------|------|---------|-------------------------------|------------------------------|-------------------------------|------------------------------|
| BJL | 22A | na | 0.1 | 0 | 0.22 | POL | 1A | na | 1.5 | 0.08 | 0.35 |
| BJL | 23A | na | 0.2 | 0 | 0.1 | POL | 2A | na | 0.4 | 0.07 | 0 |
| BJL | 24A | na | 0 | 0 | 0.3 | POL | 3A | na | 0.5 | 0.08 | 0 |
| BJL | 25A | na | 0.4 | 0 | 0.43 | POL | 4A | na | 0.5 | 0.08 | 0.3 |
| BJL | 26A | na | 0.1 | 0.06 | 0 | POL | 5A | na | 0.3 | 0 | 0.21 |
| BJL | 27A | na | 0.1 | 0 | 0.42 | POL | 6A | na | 0.7 | 0.04 | 0.27 |
| BJL | 28A | na | 0.6 | 0 | 0.24 | POL | 7A | na | 1 | 0 | 0.21 |
| BJL | 29A | na | na | na | na | POL | 8A | na | 0.7 | 0.05 | 0.26 |
| BJL | 30A | na | 0.2 | 0.04 | 0.44 | POL | 9A | na | 0.8 | 0.06 | 0.21 |
| BJL | 31A | na | 0.3 | 0.05 | 0.53 | POL | 10A | na | 0.3 | 0 | 0.23 |
| BJL | 32A | na | 1.5 | 0.07 | 0.46 | POL | 11A | na | 1 | 0.08 | 0.27 |
| BJL | 33A | na | 0.2 | 0.09 | 0.46 | POL | 52A | 74 | 0 | 0.04 | 0 |
| HAZ | 36A | 940 | 0 | 0.05 | 8.24 | POL | 53A | 172 | 0.2 | 0.07 | 2.03 |
| HAZ | 37A | 85 | 0.1 | 0 | 0.1 | POL | 54A | 88 | 0.1 | 0 | 0 |
| HAZ | 41A | 154 | na | na | na | POL | 55A | 95 | 0.1 | 0 | 0.35 |
| HAZ | 42A | 73 | 0 | 0 | 0.27 | POL | 56A | na | 0.3 | 0.04 | 0 |
| HAZ | 43A | 291 | na | na | na | POL | 57A | 85 | 2 | 0.07 | 0 |
| HAZ | 45A | 177 | na | na | na | POL | 58A | 206 | 0.6 | 0 | 0 |
| HAZ | 46A | 140 | na | na | na | POL | 59A | 71 | 1 | 0.06 | 0.34 |
| HAZ | 50A | 317 | na | na | na | POL | 60A | 207 | 8 | 0.06 | 0 |
| HAZ | 51A | 79 | 0 | 0.06 | 0.75 | QUE | 12A | na | 0 | 0 | 4.11 |
| | | | | | | QUE | 16A | na | 0 | 0.11 | 1.28 |
| | | | | | | QUE | 18A | na | 0.1 | 0 | 1.15 |
| | | | | | | QUE | 19A | na | 0 | 0.06 | 0 |
| | | | | | | QUE | 21A | na | 0.4 | 0 | 0.23 |
| Lake | Metric | SO ₄ ²⁻ | NH ₄ ⁺ | PO ₄ ³⁻ | NO ₃ ⁻ | Lake | Metric | SO ₄ ²⁻ | NH ₄ ⁺ | PO ₄ ³⁻ | NO ₃ ⁻ |
| BJL | Ave | | 0.3 | 0.03 | 0.33 | POL | Ave | 125 | 1 | 0.04 | 0.25 |
| | Std-dev | | 0.4 | 0.03 | 0.16 | | Std-dev | 56 | 1.7 | 0.03 | 0.43 |
| HAZ | Ave | 251 | 0.03 | 0.03 | 2.34 | QUE | Ave | | 0.1 | 0.03 | 1.35 |
| | Std-dev | 258 | 0.04 | 0.03 | 3.41 | | Std-dev | | 0.2 | 0.05 | 1.47 |