Table X. Nutrient analyses of Organic Lake and other Antarctic lakes

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| Location | ammonia  (mg/l) | nitrate  (mg/l) | nitrite (mg/l) | total dissolved N (mg/l) | dissolved reactive P (mg/l) | DOC  (mg/l) | total C  (mg/l) | total N  (mg/l) | total P  (mg/l) | total S (mg/l) | Reference |
| Organic 1.7 m | 0.108 | <0.002 | <0.002 | 0.112 | 0.08 | 69 | 88 | 7.70 | 1.5 | 1010 | this study |
| Organic 4.2 m | - | - | - | - | - | - | 87 | 7.50 | 1.4 | 974 | this study |
| Organic 5.7 m | 1.22 | 0.003 | <0.002 | 1.225 | 0.10 | 97 | 110 | 11 | 3.0 | 1020 | this study |
| Organic 6.5 m | 5.29 | 0.002 | 0.010 | 5.302 | 0.20 | 150 | 170 | 24 | 7.6 | 1410 | this study |
| Organic 6.7 m | 2.32 | 0.008 | 0.010 | 2.338 | 0.18 | 120 | 130 | 13 | 3.7 | 950 | this study |
| Organic 0 m  (26 Jan 1985) | 0.02 |  |  |  |  |  |  |  |  |  | Franzman *et al.*, 1987 |
| Organic 1 m | 0.03 |  |  |  |  |  |  |  |  |  | Franzman *et al.*, 1987 |
| Organic 2 m | 0.03 |  |  |  |  |  |  |  |  |  | Franzman *et al.*, 1987 |
| Organic 3 m | 0.19 |  |  |  |  |  |  |  |  |  | Franzman *et al.*, 1987 |
| Organic 4 m | 0.64 |  |  |  |  |  |  |  |  |  | Voytek *et al*., 1999 |
| Organic 5 m | 0.82 |  |  |  |  |  |  |  |  |  | Franzman *et al.*, 1987 |
| Lake Bonney East Lobe | 0 – 3.15 | 0 – 10.5 | 0 – 2.07 |  |  |  |  |  |  |  | Voytek *et al*., 1999 |
| Lake Bonney West Lobe | 0 – 5.11 | 0 – 1.55 | 0 – 0.032 |  |  |  |  |  |  |  | Voytek *et al*., 1999 |
| Encantado | ND–0.03 | 0.02 –0.12 |  |  |  |  |  |  |  |  | Schiaffino *et al.*, 2009 |
| Flora | ND–0.02 | 0.07 –0.12 |  |  |  |  |  |  |  |  | Schiaffino *et al.*, 2009 |
| Esperanza | ND–0.07 | 0.04 –0.13 |  |  |  |  |  |  |  |  | Schiaffino *et al.*, 2009 |
| Chico | ND–0.18 | 0.08 –0.19 |  |  |  |  |  |  |  |  | Schiaffino *et al.*, 2009 |
| Boeckella | 0.47–1.04 | 0.14 –0.80 |  |  |  |  |  |  |  |  | Schiaffino *et al.*, 2009 |
| Pingui | 20.6–130 | 13 –27.5 |  |  |  |  |  |  |  |  | Schiaffino *et al.*, 2009 |
| Lake W | ND–0.01 | 0.01 –0.02 |  |  |  |  |  |  |  |  | Schiaffino *et al.*, 2009 |
| Lake Z | ND–0.02 | 0.01 –0.03 |  |  |  |  |  |  |  |  | Schiaffino *et al.*, 2009 |
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Molecular weights for the following compounds: ammonia – 17.031, nitrate – 62.0049, nitrite – 46.