

MW8VB, Pozo Agel

| Mes                               |       | Feb 08   | May 08     | Ago 08     | Nov 08     |
|-----------------------------------|-------|----------|------------|------------|------------|
| Fecha                             |       | 2/5/2008 | 5/14/2008  | 8/11/2008  | 11/11/2008 |
| Laboratorio                       |       | SVL      | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio  |       | W800596  | W802529-09 | W804775-17 | W8K0356-19 |
| pH del campo                      | u.e.  | 6.90     | 7.21       | 7.21       | 7.23       |
| Temp del campo                    | °C    | 20.1     | 20.0       | 20.0       | 20.0       |
| Conductividad del campo           | uS/cm | 591.0    | 476.0      | 476.0      | 370.0      |
| Oxígeno Disuelto del campo        | ppm   | 1.72     | 2.99       | 2.99       | 3.09       |
| Alcalinidad Total                 | mg/L  | 276.0    | 267.0      | 234.0      | 233.0      |
| Amonio                            | mg/L  | <0.030   | <0.030     | <0.030     | 0.032      |
| Cloruros                          | mg/L  | 0.94     | 0.44       | 0.54       | 0.72       |
| Fluoruros                         | mg/L  | 0.462    | 0.499      | 0.431      | 0.353      |
| Cianuro Total                     | mg/L  | <0.0100  | <0.0100    | <0.0100    | <0.0100    |
| Cianuro WAD                       | mg/L  | <0.0100  | <0.0100    | <0.0100    | <0.0100    |
| Nitritos/Nitratos como N          | mg/L  | <0.0200  | <0.0200    | <0.0500    | <0.0500    |
| Sulfatos                          | mg/L  | 60.40    | 56.20      | 39.40      | 30.90      |
| Sólidos Disueltos Totales @180 °C | mg/L  | 380.0    | 430.0      | 250.0      | 300.0      |
| Sólidos Suspendidos Totales       | mg/L  | 6.0      | <5.0       | <5.0       | 15.0       |
| Sólidos Totales @ 105°C           | mg/L  | 390.0    | 400.0      | 280.0      | 360.0      |
| Aluminio Disuelto                 | mg/L  | <0.080   | <0.080     | <0.080     | <0.080     |
| Aluminio Total                    | mg/L  |          |            |            |            |
| Antimonio Disuelto                | mg/L  | <0.0030  | <0.0030    | <0.0030    | <0.0030    |
| Antimonio Total                   | mg/L  |          |            |            |            |
| Arsénico Disuelto                 | mg/L  | <0.0030  | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Total                    | mg/L  |          |            |            |            |
| Bario Disuelto                    | mg/L  | 0.076    | 0.077      | 0.085      | 0.091      |
| Bario Total                       | mg/L  |          |            |            |            |
| Berillio Disuelto                 | mg/L  | <0.002   | <0.002     | <0.002     | <0.002     |
| Berillio Total                    | mg/L  |          |            |            |            |
| Bismuto Disuelto                  | mg/L  |          |            |            |            |
| Bismuto Total                     | mg/L  |          |            |            |            |
| Boro Disuelto                     | mg/L  | <0.040   | <0.040     | <0.040     | <0.040     |
| Boro Total                        | mg/L  |          |            |            |            |
| Cadmio Disuelto                   | mg/L  | <0.0002  | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                      | mg/L  |          |            |            |            |
| Calcio Disuelto                   | mg/L  | 101.00   | 93.80      | 72.30      | 69.80      |
| Calcio Total                      | mg/L  |          |            |            |            |
| Cobalto Disuelto                  | mg/L  | <0.0060  | <0.0060    | <0.0060    | <0.0060    |
| Cobalto Total                     | mg/L  |          |            |            |            |
| Cobre Disuelto                    | mg/L  | <0.010   | <0.010     | <0.010     | <0.010     |
| Cobre Total                       | mg/L  |          |            |            |            |
| Cromo Disuelto                    | mg/L  | <0.0060  | <0.0060    | <0.0060    | <0.0060    |
| Cromo Total                       | mg/L  |          |            |            |            |
| Estaño Disuelto                   | mg/L  |          |            |            |            |
| Estaño Total                      | mg/L  |          |            |            |            |
| Fósforo Total                     | mg/L  |          |            |            |            |
| Hierro Disuelto                   | mg/L  | 3.200    | 3.840      | 5.670      | 6.600      |
| Hierro Total                      | mg/L  |          |            |            |            |
| Magnesio Disuelto                 | mg/L  | 10.10    | 9.73       | 7.58       | 7.30       |

|                    |      |          |          |          |          |
|--------------------|------|----------|----------|----------|----------|
| Magnesio Total     | mg/L |          |          |          |          |
| Manganeso Disuelto | mg/L | 0.691    | 0.705    | 0.676    | 0.663    |
| Manganeso Total    | mg/L |          |          |          |          |
| Mercurio Disuelto  | mg/L | <0.00020 | <0.00020 | <0.00020 | 0.00113  |
| Mercurio Total     | mg/L |          |          |          |          |
| Molibdeno Disuelto | mg/L | <0.0080  | <0.0080  | <0.0080  | 0.0131   |
| Molibdeno Total    | mg/L |          |          |          |          |
| Níquel Disuelto    | mg/L | <0.010   | <0.010   | <0.010   | <0.010   |
| Níquel Total       | mg/L |          |          |          |          |
| Plata Disuelta     | mg/L | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Plata Total        | mg/L |          |          |          |          |
| Plomo Disuelto     | mg/L | <0.0075  | <0.0075  | <0.0075  | <0.0075  |
| Plomo Total        | mg/L |          |          |          |          |
| Potasio Disuelto   | mg/L | 3.85     | 3.90     | 3.79     | 3.44     |
| Potasio Total      | mg/L |          |          |          |          |
| Selenio Disuelto   | mg/L | <0.00300 | <0.00300 | <0.00300 | <0.00300 |
| Selenio Total      | mg/L |          |          |          |          |
| Silicio Disuelto   | mg/L | 49.8     | 49.0     | 45.8     | 46.3     |
| Silicio Total      | mg/L |          |          |          |          |
| Sodio Disuelto     | mg/L | 16.40    | 16.30    | 15.00    | 13.80    |
| Sodio Total        | mg/L |          |          |          |          |
| Talio Disuelto     | mg/L | <0.00100 | <0.00100 | <0.00100 | <0.00100 |
| Talio Total        | mg/L |          |          |          |          |
| Titanio Disuelto   | mg/L | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Titanio Total      | mg/L |          |          |          |          |
| Vanadio Disuelto   | mg/L | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Vanadio Total      | mg/L |          |          |          |          |
| Zinc Disuelto      | mg/L | 0.296    | 0.294    | 0.416    | 0.396    |
| Zinc Total         | mg/L |          |          |          |          |

**MW3/MW3B, Puente de madera, al norte del TSF, Quebrada Seca**

| Mes                              |       | Ene 08     | Feb 08     | May 08     | Jun 08     | Ago 08     | Nov 08     | Dic 08     |
|----------------------------------|-------|------------|------------|------------|------------|------------|------------|------------|
| Fecha                            |       | 1/20/2008  | 02/14/08   | 5/25/2008  | 6/6/2008   | 8/10/2008  | 11/9/2008  | 12/3/2008  |
| Laboratorio                      |       | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio |       | W800435-01 | W800820-04 | W802885-09 | W803301-13 | W804775-16 | W8K0356-02 | W8L0210-08 |
| pH de campo                      | u.e.  | 7.46       | 7.54       | 7.43       | 7.39       | 7.40       | 7.58       | 7.61       |
| Temperatura de campo             | °C    | 25.4       | 25.4       | 25.3       | 26.1       | 25.7       | 24.9       | 25.0       |
| Conductividad de campo           | uS/cm | 385.0      | 411.0      | 345.0      | 346.0      | 366.0      | 313.0      | 320.0      |
| Oxígeno Disuelto de campo        | mg/L  | 2.55       | 3.09       | 1.84       | 1.95       | 2.70       | 2.45       | 4.31       |
| Alcalinidad Total                | mg/L  | 204.0      | 207.0      | 209.0      | 202.0      | 207.0      | 206.0      | 221.0      |
| Amonio                           | mg/L  | <0.030     | <0.030     | <0.030     | <0.150     | <0.030     | <0.030     | <0.030     |
| Cloruros                         | mg/L  | 0.47       | 0.46       | 0.90       | 0.59       | 0.23       | 0.55       | 0.43       |
| Fluoruros                        | mg/L  | <0.100     | 0.105      | 0.174      | 0.182      | <0.100     | <0.100     | <0.100     |
| Cianuro Total                    | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Cianuro WAD                      | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Nitritos/Nitratos como N         | mg/L  | 0.209      | 0.094      | 0.054      | 0.009      | 0.057      | 0.067      | 0.093      |
| Sulfatos                         | mg/L  | 6.17       | 6.82       | 6.89       | 6.48       | 6.71       | 6.43       | 7.46       |
| Sólidos Disueltos Totales @180°C | mg/L  | 230.0      | 220.0      | 200.0      | 220.0      | 340.0      | 210.0      | 230.0      |
| Sólidos Suspendidos Totales      | mg/L  | 5.0        | <5.0       | <5.0       | <5.0       | 9.0        | <5.0       | <5.0       |
| Sólidos Totales @ 105°C          | mg/L  | 250.0      | 230.0      | 250.0      | 250.0      | 380.0      | 240.0      | 230.0      |
| Aluminio Disuelto                | mg/L  | <0.080     | <0.080     | <0.080     |            | <0.080     | <0.080     | <0.080     |
| Aluminio Total                   | mg/L  |            |            |            | 1.000      |            |            |            |
| Antimonio Disuelto               | mg/L  | <0.0030    | <0.0030    | <0.0030    |            | <0.0030    | <0.0030    | <0.0030    |
| Antimonio Total                  | mg/L  |            |            |            | <0.0030    |            |            |            |
| Arsénico Disuelto                | mg/L  | <0.0030    | <0.0030    | <0.0030    |            | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Total                   | mg/L  |            |            |            | <0.0030    |            |            |            |
| Bario Disuelto                   | mg/L  | 0.396      | 0.388      | 0.389      |            | 0.408      | 0.371      | 0.401      |
| Bario Total                      | mg/L  |            |            |            | 0.400      |            |            |            |
| Berilio Disuelto                 | mg/L  | <0.002     | <0.002     | <0.002     |            | <0.002     | <0.002     | <0.002     |
| Berilio Total                    | mg/L  |            |            |            | <0.002     |            |            |            |
| Bismuto Disuelto                 | mg/L  |            |            |            |            |            |            |            |
| Bismuto Total                    | mg/L  |            |            |            |            |            |            |            |
| Boro Disuelto                    | mg/L  | <0.040     | <0.040     | <0.040     |            | <0.040     | <0.040     | <0.040     |
| Boro Total                       | mg/L  |            |            |            | <0.040     |            |            |            |
| Cadmio Disuelto                  | mg/L  | <0.0002    | <0.0002    | <0.0002    |            | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                     | mg/L  |            |            |            | <0.0002    |            |            |            |
| Calcio Disuelto                  | mg/L  | 28.10      | 28.30      | 29.00      |            | 27.60      | 29.00      | 30.40      |
| Calcio Total                     | mg/L  |            |            |            | 30.80      |            |            |            |
| Cobalto Disuelto                 | mg/L  | <0.0060    | <0.0060    | <0.0060    |            | <0.0060    | <0.0060    | <0.0060    |
| Cobalto Total                    | mg/L  |            |            |            | <0.0060    |            |            |            |
| Cobre Disuelto                   | mg/L  | <0.010     | <0.010     | <0.010     |            | <0.010     | <0.010     | <0.010     |
| Cobre Total                      | mg/L  |            |            |            | <0.010     |            |            |            |
| Cromo Disuelto                   | mg/L  | <0.0060    | <0.0060    | <0.0060    |            | <0.0060    | <0.0060    | <0.0060    |
| Cromo Total                      | mg/L  |            |            |            | <0.0060    |            |            |            |
| Estaño Disuelto                  | mg/L  |            |            |            |            |            |            |            |
| Estaño Total                     | mg/L  |            |            |            |            |            |            |            |
| Fósforo Total                    | mg/L  |            |            |            |            |            |            |            |
| Hierro Disuelto                  | mg/L  | <0.060     | <0.060     | <0.060     |            | <0.060     | <0.060     | <0.060     |
| Hierro Total                     | mg/L  |            |            |            | <0.060     |            |            |            |
| Magnesio Disuelto                | mg/L  | 7.42       | 7.51       | 8.08       |            | 7.51       | 7.56       | 8.22       |

|                    |      |         |         |         |         |         |         |         |
|--------------------|------|---------|---------|---------|---------|---------|---------|---------|
| Magnesio Total     | mg/L |         |         |         | 8.20    |         |         |         |
| Manganeso Disuelto | mg/L | <0.0040 | <0.0040 | 0.004   |         | <0.0040 | <0.0040 | <0.0040 |
| Manganeso Total    | mg/L |         |         |         | <0.0040 |         |         |         |
| Mercurio Disuelto  | mg/L | <0.0002 | <0.0002 | <0.0002 |         | <0.0002 | <0.0002 | <0.0002 |
| Mercurio Total     | mg/L |         |         |         | <0.0002 |         |         |         |
| Molibdeno Disuelto | mg/L | <0.0080 | <0.0080 | <0.0080 |         | <0.0080 | <0.0080 | <0.0080 |
| Molibdeno Total    | mg/L |         |         |         | <0.0080 |         |         |         |
| Níquel Disuelto    | mg/L | <0.010  | <0.010  | <0.010  |         | <0.010  | <0.010  | <0.010  |
| Níquel Total       | mg/L |         |         |         | <0.010  |         |         |         |
| Plata Disuelta     | mg/L | <0.0050 | <0.0050 | <0.0050 |         | <0.0050 | <0.0050 | <0.0050 |
| Plata Total        | mg/L |         |         |         | <0.0050 |         |         |         |
| Plomo Disuelto     | mg/L | <0.0075 | <0.0075 | <0.0075 |         | <0.0075 | <0.0075 | <0.0075 |
| Plomo Total        | mg/L |         |         |         | <0.0075 |         |         |         |
| Potasio Disuelto   | mg/L | 6.57    | 6.43    | 6.23    |         | 6.82    | 6.02    | 7.07    |
| Potasio Total      | mg/L |         |         |         | 6.73    |         |         |         |
| Selenio Disuelto   | mg/L | <0.0030 | <0.0030 | <0.0030 |         | <0.0030 | <0.0030 | <0.0030 |
| Selenio Total      | mg/L |         |         |         | <0.0030 |         |         |         |
| Silicio Disuelto   | mg/L | 37.0    | 31.9    | 31.6    |         | 31.0    | 38.5    | 32.2    |
| Silicio Total      | mg/L |         |         |         | 38.2    |         |         |         |
| Sodio Disuelto     | mg/L | 41.00   | 39.30   | 40.30   |         | 40.90   | 38.40   | 42.20   |
| Sodio Total        | mg/L |         |         |         | 41.20   |         |         |         |
| Talio Disuelto     | mg/L | <0.001  | <0.001  | <0.001  |         | <0.001  | <0.001  | <0.001  |
| Talio Total        | mg/L |         |         |         | <0.0005 |         |         |         |
| Titanio Disuelto   | mg/L | <0.005  | <0.005  | <0.005  |         | <0.005  | <0.005  | <0.005  |
| Titanio Total      | mg/L |         |         |         | <0.005  |         |         |         |
| Vanadio Disuelto   | mg/L | <0.005  | <0.005  | <0.005  |         | <0.005  | 0.0075  | 0.0075  |
| Vanadio Total      | mg/L |         |         |         | <0.005  |         |         |         |
| Zinc Disuelto      | mg/L | <0.010  | <0.010  | <0.010  |         | <0.010  | <0.010  | <0.010  |
| Zinc Total         | mg/L |         |         |         | <0.010  |         |         |         |

MW10, Pozo abajo del TSF

|                                   |       |            |
|-----------------------------------|-------|------------|
| Mes                               |       | Jun 08     |
| Fecha                             |       | 06/23/2008 |
| Laboratorio                       |       | SVL        |
| Número de Reporte de Laboratorio  |       | W803550-09 |
| pH del campo                      | u.e.  | 7.75       |
| Temp del campo                    | °C    | 30.5       |
| Conductividad del campo           | uS/cm | 1461.0     |
| Oxígeno Disuelto del campo        | ppm   | 0.05       |
| Alcalinidad Total                 | mg/L  | 175.0      |
| Amonio                            | mg/L  | <0.030     |
| Cloruros                          | mg/L  | 71.50      |
| Fluoruros                         | mg/L  | 4.390      |
| Cianuro Total                     | mg/L  | <0.0100    |
| Cianuro WAD                       | mg/L  | <0.0100    |
| Nitritos/Nitratos como N          | mg/L  | <0.0500    |
| Sulfatos                          | mg/L  | 450.00     |
| Sólidos Disueltos Totales @180 °C | mg/L  | 970.0      |
| Sólidos Suspendidos Totales       | mg/L  | 9.0        |
| Sólidos Totales @ 105 °C          | mg/L  | 1000.0     |
| Aluminio Disuelto                 | mg/L  | <0.080     |
| Aluminio Total                    | mg/L  |            |
| Antimonio Disuelto                | mg/L  | <0.00300   |
| Antimonio Total                   | mg/L  |            |
| Arsénico Disuelto                 | mg/L  | 0.261      |
| Arsénico Total                    | mg/L  |            |
| Bario Disuelto                    | mg/L  | 0.022      |
| Bario Total                       | mg/L  |            |
| Berillio Disuelto                 | mg/L  | <0.002     |
| Berillio Total                    | mg/L  |            |
| Bismuto Disuelto                  | mg/L  |            |
| Bismuto Total                     | mg/L  |            |
| Boro Disuelto                     | mg/L  | 1.490      |
| Boro Total                        | mg/L  |            |
| Cadmio Disuelto                   | mg/L  | <0.0002    |
| Cadmio Total                      | mg/L  |            |
| Calcio Disuelto                   | mg/L  | 64.70      |
| Calcio Total                      | mg/L  |            |
| Cobalto Disuelto                  | mg/L  | <0.00600   |
| Cobalto Total                     | mg/L  |            |
| Cobre Disuelto                    | mg/L  | <0.010     |
| Cobre Total                       | mg/L  |            |
| Cromo Disuelto                    | mg/L  | <0.00600   |
| Cromo Total                       | mg/L  |            |
| Estaño Disuelto                   | mg/L  |            |
| Estaño Total                      | mg/L  |            |
| Fósforo Total                     | mg/L  |            |
| Hierro Disuelto                   | mg/L  | 0.952      |
| Hierro Total                      | mg/L  |            |
| Magnesio Disuelto                 | mg/L  | 4.78       |
| Magnesio Total                    | mg/L  |            |

|                    |      |          |
|--------------------|------|----------|
| Manganeso Disuelto | mg/L | 0.102    |
| Manganeso Total    | mg/L |          |
| Mercurio Disuelto  | mg/L | <0.00020 |
| Mercurio Total     | mg/L |          |
| Molibdeno Disuelto | mg/L | 0.0698   |
| Molibdeno Total    | mg/L |          |
| Níquel Disuelto    | mg/L | <0.010   |
| Níquel Total       | mg/L |          |
| Plata Disuelta     | mg/L | <0.0050  |
| Plata Total        | mg/L |          |
| Plomo Disuelto     | mg/L | <0.0075  |
| Plomo Total        | mg/L |          |
| Potasio Disuelto   | mg/L | 4.00     |
| Potasio Total      | mg/L |          |
| Selenio Disuelto   | mg/L | <0.00300 |
| Selenio Total      | mg/L |          |
| Silicio Disuelto   | mg/L | 25.5     |
| Silicio Total      | mg/L |          |
| Sodio Disuelto     | mg/L | 212.00   |
| Sodio Total        | mg/L |          |
| Talio Disuelto     | mg/L | <0.00100 |
| Talio Total        | mg/L |          |
| Titanio Disuelto   | mg/L | <0.0050  |
| Titanio Total      | mg/L |          |
| Vanadio Disuelto   | mg/L | <0.0050  |
| Vanadio Total      | mg/L |          |
| Zinc Disuelto      | mg/L | <0.0100  |
| Zinc Total         | mg/L |          |

MW11, Pozo de Monitoreo debajo de PW7

|                                  |       |            |
|----------------------------------|-------|------------|
| Mes                              |       | Jun 08     |
| Fecha                            |       | 06/24/2008 |
| Laboratorio                      |       | SVL        |
| Número de Reporte de Laboratorio |       | W803550-10 |
| pH del campo                     | u.e.  | 9.53       |
| Temp del campo                   | °C    | 29.4       |
| Conductividad del campo          | uS/cm | 301.0      |
| Oxígeno Disuelto del campo       | ppm   | 0.04       |
| Alcalinidad Total                | mg/L  | 137.0      |
| Amonio                           | mg/L  | 0.047      |
| Cloruros                         | mg/L  | 5.68       |
| Fluoruros                        | mg/L  | 1.120      |
| Cianuro Total                    | mg/L  | <0.0100    |
| Cianuro WAD                      | mg/L  | <0.0100    |
| Nitritos/Nitratos como N         | mg/L  | <0.0500    |
| Sulfatos                         | mg/L  | 18.40      |
| Sólidos Disueltos Totales @180°C | mg/L  | 180.0      |
| Sólidos Suspendidos Totales      | mg/L  | 43.0       |
| Sólidos Totales @ 105°C          | mg/L  | 280.0      |
| Aluminio Disuelto                | mg/L  | <0.080     |
| Aluminio Total                   | mg/L  |            |
| Antimonio Disuelto               | mg/L  | <0.00300   |
| Antimonio Total                  | mg/L  |            |
| Arsénico Disuelto                | mg/L  | 0.0342     |
| Arsénico Total                   | mg/L  |            |
| Bario Disuelto                   | mg/L  | 0.035      |
| Bario Total                      | mg/L  |            |
| Berillio Disuelto                | mg/L  | <0.002     |
| Berillio Total                   | mg/L  |            |
| Bismuto Disuelto                 | mg/L  |            |
| Bismuto Total                    | mg/L  |            |
| Boro Disuelto                    | mg/L  | 0.256      |
| Boro Total                       | mg/L  |            |
| Cadmio Disuelto                  | mg/L  | <0.0002    |
| Cadmio Total                     | mg/L  |            |
| Calcio Disuelto                  | mg/L  | 9.75       |
| Calcio Total                     | mg/L  |            |
| Cobalto Disuelto                 | mg/L  | <0.00600   |
| Cobalto Total                    | mg/L  |            |
| Cobre Disuelto                   | mg/L  | <0.010     |
| Cobre Total                      | mg/L  |            |
| Cromo Disuelto                   | mg/L  | <0.00600   |
| Cromo Total                      | mg/L  |            |
| Estaño Disuelto                  | mg/L  |            |
| Estaño Total                     | mg/L  |            |
| Fósforo Total                    | mg/L  |            |
| Hierro Disuelto                  | mg/L  | <0.060     |
| Hierro Total                     | mg/L  |            |
| Magnesio Disuelto                | mg/L  | 0.42       |

|                    |      |          |
|--------------------|------|----------|
| Magnesio Total     | mg/L |          |
| Manganeso Disuelto | mg/L | 0.005    |
| Manganeso Total    | mg/L |          |
| Mercurio Disuelto  | mg/L | <0.00020 |
| Mercurio Total     | mg/L |          |
| Molibdeno Disuelto | mg/L | 0.0153   |
| Molibdeno Total    | mg/L |          |
| Níquel Disuelto    | mg/L | <0.010   |
| Níquel Total       | mg/L |          |
| Plata Disuelta     | mg/L | <0.0050  |
| Plata Total        | mg/L |          |
| Plomo Disuelto     | mg/L | <0.0075  |
| Plomo Total        | mg/L |          |
| Potasio Disuelto   | mg/L | 1.69     |
| Potasio Total      | mg/L |          |
| Selenio Disuelto   | mg/L | 0.0156   |
| Selenio Total      | mg/L |          |
| Silicio Disuelto   | mg/L | 22.5     |
| Silicio Total      | mg/L |          |
| Sodio Disuelto     | mg/L | 57.00    |
| Sodio Total        | mg/L |          |
| Talio Disuelto     | mg/L | <0.00100 |
| Talio Total        | mg/L |          |
| Titanio Disuelto   | mg/L | <0.0050  |
| Titanio Total      | mg/L |          |
| Vanadio Disuelto   | mg/L | <0.0050  |
| Vanadio Total      | mg/L |          |
| Zinc Disuelto      | mg/L | 0.0126   |
| Zinc Total         | mg/L |          |



MW5 Pozo de Producción (PSA-1)

| Mes                               |       | Ene 08     | Feb 08   | Abr 08     | May 08     | Jun 08     | Jul 08     | Ago 08     | Nov 08     | Dic 08     |
|-----------------------------------|-------|------------|----------|------------|------------|------------|------------|------------|------------|------------|
| Fecha                             |       | 1/21/2008  | 2/2/2008 | 4/9/2008   | 5/23/2008  | 6/5/2008   | 7/17/2008  | 9/8/2008   | 11/11/2008 | 12/2/2008  |
| Laboratorio                       |       | SVL        | SVL      | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio  |       | W800435-02 | W800596  | W801760-01 | W802885-07 | W803301-14 | W804209-13 | W804775-15 | W8K0356-20 | W8L0210-07 |
| pH de campo                       | u.e.  | 6.92       | 7.00     | 7.32       | 7.20       | 7.22       | 7.32       | 7.33       | 7.05       | 7.07       |
| Temperatura de campo              | °C    | 27.4       | 26.6     | 27.9       | 27.3       | 25.7       | 25.2       | 26.1       | 27.1       | 26.4       |
| Conductividad de campo            | uS/cm | 1162.0     | 1150.0   | 944.0      | 966.0      | 1076.0     | 1126.0     | 1000.0     | 973.0      | 891.0      |
| Oxígeno Disuelto de campo         | mg/L  | 1.44       | 0.83     | 1.21       | 1.54       | 1.64       | 7.78       | 5.34       | 0.98       | 1.58       |
| Alcalinidad Total                 | mg/L  | 337.0      | 318.0    | 318.0      | 311.0      | 322.0      | 321.0      | 329.0      | 329.0      | 330.0      |
| Amonio                            | mg/L  | <0.030     | <0.030   | <0.030     | <0.030     | <0.150     | <0.030     | <0.030     | <0.030     | <0.030     |
| Cloruros                          | mg/L  | 11.70      | 11.70    | 12.40      | 15.30      | 15.80      | 12.00      | 12.80      | 12.20      | 15.20      |
| Fluoruros                         | mg/L  | 0.329      | 0.432    | 0.277      | 0.393      | 0.366      | 0.143      | 0.187      | 0.317      | 0.236      |
| Cianuro Total                     | mg/L  | <0.0100    | <0.0100  | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Cianuro WAD                       | mg/L  | <0.0100    | <0.0100  | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Nitritos/Nitratos como N          | mg/L  | 0.034      | <0.0200  | <0.0200    | <0.0200    | <0.0200    | <0.0500    | <0.0500    | <0.0500    | <0.0500    |
| Sulfatos                          | mg/L  | 233.00     | 232.00   | 258.00     | 277.00     | 278.00     | 284.00     | 260.00     | 213.00     | 286.00     |
| Sólidos Disueltos Totales @180 °C | mg/L  | 710.0      | 700.0    | 730.0      | 720.0      | 730.0      | 770.0      | 730.0      | 760.0      | 760.0      |
| Sólidos Suspendidos Totales       | mg/L  | 85.0       | <5.0     | <5.0       | <5.0       | <5.0       | <5.0       | <5.0       | <5.0       | <5.0       |
| Sólidos Totales @ 105 °C          | mg/L  | 770.0      | 720.0    | 770.0      | 780.0      | 790.0      | 800.0      | 800.0      | 820.0      | 790.0      |
| Aluminio Disuelto                 | mg/L  | <0.080     | <0.080   | <0.080     | <0.080     |            | <0.080     | <0.080     | <0.080     | <0.080     |
| Aluminio Total                    | mg/L  |            |          |            |            | <0.080     |            |            |            |            |
| Antimonio Disuelto                | mg/L  | <0.00300   | <0.00300 | <0.00300   | <0.00300   |            | <0.00300   | <0.00300   | <0.00300   | <0.00300   |
| Antimonio Total                   | mg/L  |            |          |            |            | <0.00300   |            |            |            |            |
| Arsénico Disuelto                 | mg/L  | 0.0178     | 0.0170   | 0.0168     | 0.0171     |            | 0.0182     | 0.021      | 0.017      | 0.0199     |
| Arsénico Total                    | mg/L  |            |          |            |            | 0.0168     |            |            |            |            |
| Bario Disuelto                    | mg/L  | 0.052      | 0.056    | 0.055      | 0.052      |            | 0.053      | 0.057      | 0.055      | 0.057      |
| Bario Total                       | mg/L  |            |          |            |            | 0.055      |            |            |            |            |
| Berilio Disuelto                  | mg/L  | <0.002     | <0.002   | <0.002     | <0.002     |            | <0.002     | <0.002     | <0.002     | <0.002     |
| Berilio Total                     | mg/L  |            |          |            |            | <0.002     |            |            |            |            |
| Bismuto Disuelto                  | mg/L  |            |          |            |            |            |            |            |            |            |
| Bismuto Total                     | mg/L  |            |          |            |            |            |            |            |            |            |
| Boro Disuelto                     | mg/L  | 0.213      | 0.208    | 0.226      | 0.219      |            | 0.232      | 0.227      | 0.245      | 0.276      |
| Boro Total                        | mg/L  |            |          |            |            | 0.236      |            |            |            |            |
| Cadmio Disuelto                   | mg/L  | <0.0002    | <0.0002  | <0.0002    | <0.0002    |            | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                      | mg/L  |            |          |            |            | <0.0002    |            |            |            |            |
| Calcio Disuelto                   | mg/L  | 135.00     | 140.00   | 143.00     | 131.00     |            | 129.00     | 123.00     | 130.00     | 137.00     |
| Calcio Total                      | mg/L  |            |          |            |            | 138.00     |            |            |            |            |
| Cobalto Disuelto                  | mg/L  | <0.0060    | <0.0060  | <0.0060    | <0.0060    |            | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cobalto Total                     | mg/L  |            |          |            |            | <0.0060    |            |            |            |            |
| Cobre Disuelto                    | mg/L  | <0.010     | <0.010   | <0.010     | <0.010     |            | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                       | mg/L  |            |          |            |            | <0.010     |            |            |            |            |
| Cromo Disuelto                    | mg/L  | <0.0060    | <0.0060  | <0.0060    | <0.0060    |            | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cromo Total                       | mg/L  |            |          |            |            | <0.0060    |            |            |            |            |
| Estaño Disuelto                   | mg/L  |            |          |            |            |            |            |            |            |            |
| Estaño Total                      | mg/L  |            |          |            |            |            |            |            |            |            |
| Fósforo Total                     | mg/L  |            |          |            |            |            |            |            |            |            |
| Hierro Disuelto                   | mg/L  | 0.230      | 0.374    | 0.390      | 0.230      |            | 0.588      | 1.67       | 0.902      | 1.19       |
| Hierro Total                      | mg/L  |            |          |            |            | 0.393      |            |            |            |            |
| Magnesio Disuelto                 | mg/L  | 29.50      | 29.90    | 31.20      | 29.90      |            | 29.30      | 27.30      | 29.30      | 30.50      |
| Magnesio Total                    | mg/L  |            |          |            |            | 31.00      |            |            |            |            |
| Manganeso Disuelto                | mg/L  | 0.087      | 0.086    | 0.086      | 0.084      |            | 0.085      | 0.095      | 0.086      | 0.097      |

|                    |      |         |         |         |         |         |         |         |         |         |
|--------------------|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Manganeso Total    | mg/L |         |         |         |         | 0.087   |         |         |         |         |
| Mercurio Disuelto  | mg/L | <0.0002 | <0.0002 | <0.0002 | <0.0002 |         | <0.0002 | <0.0002 | <0.0002 | <0.0002 |
| Mercurio Total     | mg/L |         |         |         |         | <0.0002 |         |         |         |         |
| Molibdeno Disuelto | mg/L | 0.008   | <0.0080 | 0.009   | <0.0080 |         | 0.009   | <0.0080 | 0.018   | 0.018   |
| Molibdeno Total    | mg/L |         |         |         |         | <0.0080 |         |         |         |         |
| Níquel Disuelto    | mg/L | <0.010  | <0.010  | <0.010  | <0.010  |         | <0.010  | <0.010  | <0.010  | <0.010  |
| Níquel Total       | mg/L |         |         |         |         | <0.010  |         |         |         |         |
| Plata Disuelta     | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 |         | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Plata Total        | mg/L |         |         |         |         | <0.0050 |         |         |         |         |
| Plomo Disuelto     | mg/L | <0.0075 | <0.0075 | <0.0075 | <0.0075 |         | <0.0075 | <0.0075 | <0.0075 | <0.0075 |
| Plomo Total        | mg/L |         |         |         |         | <0.0075 |         |         |         |         |
| Potasio Disuelto   | mg/L | 2.22    | 2.20    | 2.22    | 2.12    |         | 2.23    | 2.32    | 2.26    | 2.51    |
| Potasio Total      | mg/L |         |         |         |         | 2.25    |         |         |         |         |
| Selenio Disuelto   | mg/L | <0.0030 | <0.0030 | <0.0030 | <0.0030 |         | <0.0030 | <0.0030 | <0.0030 | <0.0030 |
| Selenio Total      | mg/L |         |         |         |         | <0.0030 |         |         |         |         |
| Silicio Disuelto   | mg/L | 46.2    | 47.1    | 46.3    | 44.4    |         | 47.1    | 38.7    | 41.9    | 46.9    |
| Silicio Total      | mg/L |         |         |         |         | 47.0    |         |         |         |         |
| Sodio Disuelto     | mg/L | 53.70   | 56.30   | 58.20   | 55.10   |         | 55.80   | 54.30   | 56.00   | 58.50   |
| Sodio Total        | mg/L |         |         |         |         | 57.10   |         |         |         |         |
| Talio Disuelto     | mg/L | <0.001  | <0.001  | <0.001  | <0.001  |         | <0.001  | <0.001  | <0.001  | <0.001  |
| Talio Total        | mg/L |         |         |         |         | <0.0001 |         |         |         |         |
| Titanio Disuelto   | mg/L | <0.005  | <0.005  | <0.005  | <0.005  |         | <0.005  | <0.005  | <0.005  | <0.005  |
| Titanio Total      | mg/L |         |         |         |         | <0.005  |         |         |         |         |
| Vanadio Disuelto   | mg/L | <0.005  | <0.005  | <0.005  | <0.005  |         | <0.005  | <0.005  | <0.005  | <0.005  |
| Vanadio Total      | mg/L |         |         |         |         | <0.005  |         |         |         |         |
| Zinc Disuelto      | mg/L | 0.060   | 0.448   | 0.364   | 0.141   |         | 0.059   | 0.065   | 0.012   | 0.015   |
| Zinc Total         | mg/L |         |         |         |         | 0.123   |         |         |         |         |

PW7, Piezómetro cercano al TSF.

| Mes                               |       | Feb 08     | Mar 08    | Abr 08     | May 08     | Jun 08    | Sep 08     | Oct 08     | Nov 08     | Dic 08     |
|-----------------------------------|-------|------------|-----------|------------|------------|-----------|------------|------------|------------|------------|
| Fecha                             |       | 2/12/2008  | 3/11/2008 | 4/14/2008  | 5/27/2008  | 6/20/2008 | 9/16/2008  | 10/15/2008 | 11/12/2008 | 12/6/2008  |
| Laboratorio                       |       | SVL        | SVL       | SVL        | SVL        | SVL       | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio  |       | W800820-05 | W801250   | W801760-04 | W802885-08 | W803550   | W810371-08 | W8J0535-16 | W8K0356-18 | W8L0392-08 |
| pH del campo                      | u.e.  | 7.03       | 6.24      | 6.86       | 6.81       | 7.77      | 7.28       | 6.73       | 6.43       | 6.38       |
| Temp del campo                    | °C    | 24.7       | 26.0      | 22.9       | 23.5       | 24.2      | 25.5       | 25.4       | 25.3       | 25.2       |
| Conductividad del campo           | uS/cm | 123.0      | 99.0      | 90.0       | 96.0       | 98.0      | 104.0      | 90.0       | 93.0       | 88.0       |
| Oxígeno Disuelto del campo        | ppm   | 3.15       | 4.17      | 3.82       | 3.93       | 3.69      | 1.26       | 5.72       | 6.05       | 3.74       |
| Alcalinidad Total                 | mg/L  | 55.2       | 51.5      | 54.6       | 57.6       | 54.7      | 57.4       | 56.2       | 56.3       | 53.7       |
| Amonio                            | mg/L  | <0.300     | <0.300    | <0.030     | <0.030     | <0.030    | <0.030     | <0.030     | 0.059      | <0.030     |
| Cloruros                          | mg/L  | 0.49       | 0.33      | 0.46       | 1.41       | 0.42      | 0.29       | 0.35       | 0.32       | 0.27       |
| Fluoruros                         | mg/L  | <0.100     | <0.100    | 0.123      | 0.367      | 0.345     | 0.172      | 0.238      | <1.0       | 0.133      |
| Cianuro Total                     | mg/L  | <0.0100    | <0.0100   | <0.0100    | <0.0100    | <0.0100   | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Cianuro WAD                       | mg/L  | <0.0100    | <0.0100   | <0.0100    | <0.0100    | <0.0100   | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Nitritos/Nitratos como N          | mg/L  | 0.059      | 0.044     | <0.0200    | 0.028      | <0.0500   | 0.058      | 0.051      | <0.0500    | 0.069      |
| Sulfatos                          | mg/L  | 1.43       | 1.04      | 1.68       | 1.35       | 1.12      | 1.12       | 1.20       | 0.83       | 1.37       |
| Sólidos Disueltos Totales @180 °C | mg/L  | 150.0      | 150.0     | 160.0      | 120.0      | 140.0     | 160.0      | 140.0      | 150.0      | 140.0      |
| Sólidos Suspendidos Totales       | mg/L  | 24.0       | <5        | 5.0        | 280.0      | 360.0     | 550.0      | 44.0       | 31.0       | 31.0       |
| Sólidos Totales @ 105°C           | mg/L  | 200.0      | 180.0     | 400.0      | 450.0      | 640.0     | 980.0      | 170.0      | 210.0      | 210.0      |
| Aluminio Disuelto                 | mg/L  | <0.080     | <0.080    | <0.080     | <0.080     | <0.080    | <0.080     | <0.080     | <0.080     | <0.080     |
| Aluminio Total                    | mg/L  |            |           |            |            |           |            |            |            |            |
| Antimonio Disuelto                | mg/L  | <0.00300   | <0.00300  | <0.00300   | <0.00300   | <0.00300  | <0.00300   | <0.00300   | <0.00300   | <0.00300   |
| Antimonio Total                   | mg/L  |            |           |            |            |           |            |            |            |            |
| Arsénico Disuelto                 | mg/L  | 0.00511    | 0.00519   | 0.00455    | <0.00300   | <0.00300  | 0.00589    | 0.00379    | 0.0032     | 0.00338    |
| Arsénico Total                    | mg/L  |            |           |            |            |           |            |            |            |            |
| Bario Disuelto                    | mg/L  | 0.070      | 0.090     | 0.055      | 0.051      | 0.036     | 0.120      | 0.105      | 0.109      | 0.097      |
| Bario Total                       | mg/L  |            |           |            |            |           |            |            |            |            |
| Berillio Disuelto                 | mg/L  | <0.00200   | <0.00200  | <0.00200   | <0.00200   | <0.00200  | <0.00200   | <0.00200   | <0.00200   | <0.00200   |
| Berillio Total                    | mg/L  |            |           |            |            |           |            |            |            |            |
| Bismuto Disuelto                  | mg/L  |            |           |            |            |           |            |            |            |            |
| Bismuto Total                     | mg/L  |            |           |            |            |           |            |            |            |            |
| Boro Disuelto                     | mg/L  | <0.040     | <0.040    | <0.040     | <0.040     | <0.040    | <0.040     | <0.040     | <0.040     | <0.040     |
| Boro Total                        | mg/L  |            |           |            |            |           |            |            |            |            |
| Cadmio Disuelto                   | mg/L  | <0.0002    | <0.0002   | <0.0002    | <0.0002    | <0.0002   | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                      | mg/L  |            |           |            |            |           |            |            |            |            |
| Calcio Disuelto                   | mg/L  | 4.15       | 3.94      | 4.77       | 4.67       | 4.34      | 4.15       | 3.94       | 4.10       | 3.88       |
| Calcio Total                      | mg/L  |            |           |            |            |           |            |            |            |            |
| Cobalto Disuelto                  | mg/L  | <0.0060    | <0.0060   | <0.0060    | <0.0060    | <0.0060   | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cobalto Total                     | mg/L  |            |           |            |            |           |            |            |            |            |
| Cobre Disuelto                    | mg/L  | <0.010     | <0.010    | <0.010     | <0.010     | <0.010    | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                       | mg/L  |            |           |            |            |           |            |            |            |            |
| Cromo Disuelto                    | mg/L  | <0.0060    | <0.0060   | <0.0060    | <0.0060    | <0.0060   | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cromo Total                       | mg/L  |            |           |            |            |           |            |            |            |            |
| Estaño Disuelto                   | mg/L  |            |           |            |            |           |            |            |            |            |
| Estaño Total                      | mg/L  |            |           |            |            |           |            |            |            |            |
| Fósforo Total                     | mg/L  |            |           |            |            |           |            |            |            |            |
| Hierro Disuelto                   | mg/L  | 0.816      | 1.140     | 0.307      | 0.256      | 0.092     | 1.76       | 1.360      | 1.22       | 1.13       |
| Hierro Total                      | mg/L  |            |           |            |            |           |            |            |            |            |
| Magnesio Disuelto                 | mg/L  | 1.77       | 1.58      | 1.86       | 1.94       | 1.68      | 1.69       | 1.53       | 1.67       | 1.58       |
| Magnesio Total                    | mg/L  |            |           |            |            |           |            |            |            |            |
| Manganeso Disuelto                | mg/L  | 0.399      | 0.588     | 0.302      | 0.198      | 0.090     | 0.672      | 0.533      | 0.447      | 0.370      |



SW1, Río Tzalá aguas arriba

| Mes                              |       | Feb        | May        | Jun        | Ago        | Nov        | Dic        |
|----------------------------------|-------|------------|------------|------------|------------|------------|------------|
| Fecha                            |       | 2/2/2008   | 5/23/08    | 6/4/2008   | 10/8/2008  | 11/11/2008 | 12/1/2008  |
| Laboratorio                      |       | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio |       | W800596-05 | W802885-01 | W803301-01 | W804775-01 | W8K0356-07 | W8L0210-04 |
| pH de campo                      | u.e.  | 8.00       | 7.83       | 7.6        | 7.07       | 7.79       | 7.80       |
| Temperatura de campo             | °C    | 19.52      | 25.29      | 16.00      | 15.52      | 16.33      | 13.20      |
| Conductividad de campo           | uS/cm | 170.0      | 183.0      | 114.0      | 104.0      | 96.0       | 90.0       |
| Oxígeno Disuelto de campo        | mg/L  | 7.26       | 6.51       | 8.0        | 9.00       | 8.31       | 10.13      |
| Alcalinidad Total                | mg/L  | 34.4       | 31.2       | 14.2       | 21.7       | 24.3       | 26.5       |
| Amonio                           | mg/L  | <0.030     | 0.717      | <0.150     | <0.030     | <0.030     | <0.030     |
| Cloruros                         | mg/L  | 1.23       | 2.72       | 3.26       | 1.69       | 1.41       | 1.32       |
| Fluoruros                        | mg/L  | <0.100     | 0.215      | 0.279      | <0.100     | <0.100     | <0.100     |
| Cianuro Total                    | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Cianuro WAD                      | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Nitritos/Nitratos como N         | mg/L  | 0.0936     | 0.220      | 1.19       | 0.408      | 0.547      | 0.330      |
| Sulfatos                         | mg/L  | 44.9       | 60.7       | 47.8       | 43.2       | 34.6       | 42.9       |
| Sólidos Disueltos Totales @180°C | mg/L  | 120.0      | 170.0      | 200.0      | 170.0      | 100.0      | 120.0      |
| Sólidos Suspendidos Totales      | mg/L  | <5.0       | 58.0       | 160.0      | 54.0       | 19.0       | 14.0       |
| Sólidos Totales @ 105°C          | mg/L  | 130.0      | 250.0      | 370.0      | 240.0      | 170.0      | 130.0      |
| DQO                              | mg/L  | 6.6        | 13.8       | 9.9        | <5.0       | <5.0       | <5.0       |
| Aluminio Disuelto                | mg/L  | 0.218      | 0.197      | 0.132      | 0.154      | 0.149      | 0.143      |
| Aluminio Total                   | mg/L  | 0.696      | 11.2       | 13.8       | 7.94       | 1.90       | 0.659      |
| Antimonio Disuelto               | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Antimonio Total                  | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Disuelto                | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Total                   | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Bario Disuelto                   | mg/L  | 0.0398     | 0.0722     | 0.0615     | 0.0433     | 0.0343     | 0.0327     |
| Bario Total                      | mg/L  | 0.0417     | 0.145      | 0.154      | 0.0859     | 0.0470     | 0.0418     |
| Berilio Disuelto                 | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Berilio Total                    | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Bismuto Disuelto                 | mg/L  |            |            |            |            |            |            |
| Bismuto Total                    | mg/L  |            |            |            |            |            |            |
| Boro Disuelto                    | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Boro Total                       | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Cadmio Disuelto                  | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                     | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Calcio Disuelto                  | mg/L  | 19.0       | 19.3       | 14.8       | 12.7       | 13.1       | 14.5       |
| Calcio Total                     | mg/L  | 18.7       | 20.6       | 16.7       | 15.0       | 13.8       | 14.3       |
| Cobalto Disuelto                 | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Cobalto Total                    | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Cobre Disuelto                   | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                      | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cromo Disuelto                   | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Cromo Total                      | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Estaño Disuelto                  | mg/L  |            |            |            |            |            |            |
| Estaño Total                     | mg/L  |            |            |            |            |            |            |
| Fósforo Total                    | mg/L  | <0.050     | 0.090      | 0.114      | <0.050     | <0.050     | <0.050     |
| Hierro Disuelto                  | mg/L  | 0.137      | 0.062      | 0.133      | 0.066      | 0.060      | <0.080     |
| Hierro Total                     | mg/L  | 0.473      | 4.98       | 7.85       | 4.26       | 1.180      | 0.643      |
| Magnesio Disuelto                | mg/L  | 3.74       | 4.01       | 3.07       | 2.77       | 2.96       | 3.06       |

|                    |      |         |         |         |         |         |         |
|--------------------|------|---------|---------|---------|---------|---------|---------|
| Magnesio Total     | mg/L | 3.72    | 4.37    | 4.11    | 3.52    | 3.04    | 3.08    |
| Manganeso Disuelto | mg/L | 0.104   | 0.346   | 0.203   | 0.175   | 0.160   | 0.155   |
| Manganeso Total    | mg/L | 0.117   | 0.502   | 0.339   | 0.245   | 0.198   | 0.156   |
| Mercurio Disuelto  | mg/L | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 |
| Mercurio Total     | mg/L | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 |
| Molibdeno Disuelto | mg/L | <0.0080 | <0.0080 | <0.0080 | <0.0080 | <0.0080 | <0.0080 |
| Molibdeno Total    | mg/L | <0.0080 | <0.0080 | <0.0080 | <0.0080 | <0.0080 | <0.0080 |
| Níquel Disuelto    | mg/L | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  |
| Níquel Total       | mg/L | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  |
| Plata Disuelta     | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Plata Total        | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Plomo Disuelto     | mg/L | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 |
| Plomo Total        | mg/L | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 |
| Potasio Disuelto   | mg/L | 3.00    | 4.76    | 3.28    | 2.56    | 2.17    | 2.61    |
| Potasio Total      | mg/L | 2.94    | 5.51    | 3.97    | 2.72    | 2.49    | 2.42    |
| Selenio Disuelto   | mg/L | <0.003  | <0.003  | <0.003  | <0.003  | <0.003  | <0.003  |
| Selenio Total      | mg/L | <0.003  | <0.003  | <0.003  | <0.003  | <0.003  | <0.003  |
| Silicio Disuelto   | mg/L | 41.5    | 33.7    | 37.4    | 35.6    | 36.9    | 41.2    |
| Silicio Total      | mg/L | 41.5    | 67.8    | 86.4    | 62.9    | 44.1    | 39.3    |
| Sodio Disuelto     | mg/L | 7.66    | 8.26    | 5.94    | 5.24    | 5.09    | 6.01    |
| Sodio Total        | mg/L | 7.31    | 8.33    | 6.29    | 5.55    | 5.28    | 5.94    |
| Talio Disuelto     | mg/L | <0.001  | <0.001  | <0.001  | <0.001  | <0.001  | <0.001  |
| Talio Total        | mg/L | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| Titanio Disuelto   | mg/L | <0.005  | <0.005  | <0.005  | <0.005  | <0.005  | <0.005  |
| Titanio Total      | mg/L | 0.0068  | 0.263   | 0.361   | 0.154   | 0.0297  | <0.0050 |
| Vanadio Disuelto   | mg/L | <0.005  | <0.005  | <0.005  | <0.005  | <0.005  | <0.005  |
| Vanadio Total      | mg/L | <0.005  | 0.0125  | 0.0190  | 0.0086  | <0.005  | <0.005  |
| Zinc Disuelto      | mg/L | 0.0102  | 0.0134  | <0.010  | <0.010  | <0.010  | <0.010  |
| Zinc Total         | mg/L | 0.0157  | 0.0187  | 0.0211  | 0.0142  | <0.010  | <0.010  |

SW1, Río Tzalá aguas arriba

| Mes                               |       | Feb        | May        | Jun        | Ago        | Nov        | Dic        |
|-----------------------------------|-------|------------|------------|------------|------------|------------|------------|
| Fecha                             |       | 2/2/2008   | 5/23/08    | 6/4/2008   | 10/8/2008  | 11/11/2008 | 12/1/2008  |
| Laboratorio                       |       | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio  |       | W800596-05 | W802885-01 | W803301-01 | W804775-01 | W8K0356-07 | W8L0210-04 |
| pH de campo                       | u.e.  | 8.00       | 7.83       | 7.6        | 7.07       | 7.79       | 7.80       |
| Temperatura de campo              | °C    | 19.52      | 25.29      | 16.00      | 15.52      | 16.33      | 13.20      |
| Conductividad de campo            | uS/cm | 170.0      | 183.0      | 114.0      | 104.0      | 96.0       | 90.0       |
| Oxígeno Disuelto de campo         | mg/L  | 7.26       | 6.51       | 8.0        | 9.00       | 8.31       | 10.13      |
| Alcalinidad Total                 | mg/L  | 34.4       | 31.2       | 14.2       | 21.7       | 24.3       | 26.5       |
| Amonio                            | mg/L  | <0.030     | 0.717      | <0.150     | <0.030     | <0.030     | <0.030     |
| Cloruros                          | mg/L  | 1.23       | 2.72       | 3.26       | 1.69       | 1.41       | 1.32       |
| Fluoruros                         | mg/L  | <0.100     | 0.215      | 0.279      | <0.100     | <0.100     | <0.100     |
| Cianuro Total                     | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Cianuro WAD                       | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Nitritos/Nitratos como N          | mg/L  | 0.0936     | 0.220      | 1.19       | 0.408      | 0.547      | 0.330      |
| Sulfatos                          | mg/L  | 44.9       | 60.7       | 47.8       | 43.2       | 34.6       | 42.9       |
| Sólidos Disueltos Totales @180 °C | mg/L  | 120.0      | 170.0      | 200.0      | 170.0      | 100.0      | 120.0      |
| Sólidos Suspendidos Totales       | mg/L  | <5.0       | 58.0       | 160.0      | 54.0       | 19.0       | 14.0       |
| Sólidos Totales @ 105 °C          | mg/L  | 130.0      | 250.0      | 370.0      | 240.0      | 170.0      | 130.0      |
| DQO                               | mg/L  | 6.6        | 13.8       | 9.9        | <5.0       | <5.0       | <5.0       |
| Aluminio Disuelto                 | mg/L  | 0.218      | 0.197      | 0.132      | 0.154      | 0.149      | 0.143      |
| Aluminio Total                    | mg/L  | 0.696      | 11.2       | 13.8       | 7.94       | 1.90       | 0.659      |
| Antimonio Disuelto                | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Antimonio Total                   | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Disuelto                 | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Total                    | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Bario Disuelto                    | mg/L  | 0.0398     | 0.0722     | 0.0615     | 0.0433     | 0.0343     | 0.0327     |
| Bario Total                       | mg/L  | 0.0417     | 0.145      | 0.154      | 0.0859     | 0.0470     | 0.0418     |
| Berilio Disuelto                  | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Berilio Total                     | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Bismuto Disuelto                  | mg/L  |            |            |            |            |            |            |
| Bismuto Total                     | mg/L  |            |            |            |            |            |            |
| Boro Disuelto                     | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Boro Total                        | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Cadmio Disuelto                   | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                      | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Calcio Disuelto                   | mg/L  | 19.0       | 19.3       | 14.8       | 12.7       | 13.1       | 14.5       |
| Calcio Total                      | mg/L  | 18.7       | 20.6       | 16.7       | 15.0       | 13.8       | 14.3       |
| Cobalto Disuelto                  | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Cobalto Total                     | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Cobre Disuelto                    | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                       | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cromo Disuelto                    | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Cromo Total                       | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Estaño Disuelto                   | mg/L  |            |            |            |            |            |            |
| Estaño Total                      | mg/L  |            |            |            |            |            |            |
| Fósforo Total                     | mg/L  | <0.050     | 0.090      | 0.114      | <0.050     | <0.050     | <0.050     |
| Hierro Disuelto                   | mg/L  | 0.137      | 0.062      | 0.133      | 0.066      | 0.060      | <0.080     |
| Hierro Total                      | mg/L  | 0.473      | 4.98       | 7.85       | 4.26       | 1.180      | 0.643      |

|                    |      |         |         |         |         |         |         |
|--------------------|------|---------|---------|---------|---------|---------|---------|
| Magnesio Disuelto  | mg/L | 3.74    | 4.01    | 3.07    | 2.77    | 2.96    | 3.06    |
| Magnesio Total     | mg/L | 3.72    | 4.37    | 4.11    | 3.52    | 3.04    | 3.08    |
| Manganeso Disuelto | mg/L | 0.104   | 0.346   | 0.203   | 0.175   | 0.160   | 0.155   |
| Manganeso Total    | mg/L | 0.117   | 0.502   | 0.339   | 0.245   | 0.198   | 0.156   |
| Mercurio Disuelto  | mg/L | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 |
| Mercurio Total     | mg/L | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 |
| Molibdeno Disuelto | mg/L | <0.0080 | <0.0080 | <0.0080 | <0.0080 | <0.0080 | <0.0080 |
| Molibdeno Total    | mg/L | <0.0080 | <0.0080 | <0.0080 | <0.0080 | <0.0080 | <0.0080 |
| Níquel Disuelto    | mg/L | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  |
| Níquel Total       | mg/L | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  |
| Plata Disuelta     | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Plata Total        | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Plomo Disuelto     | mg/L | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 |
| Plomo Total        | mg/L | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 |
| Potasio Disuelto   | mg/L | 3.00    | 4.76    | 3.28    | 2.56    | 2.17    | 2.61    |
| Potasio Total      | mg/L | 2.94    | 5.51    | 3.97    | 2.72    | 2.49    | 2.42    |
| Selenio Disuelto   | mg/L | <0.003  | <0.003  | <0.003  | <0.003  | <0.003  | <0.003  |
| Selenio Total      | mg/L | <0.003  | <0.003  | <0.003  | <0.003  | <0.003  | <0.003  |
| Silicio Disuelto   | mg/L | 41.5    | 33.7    | 37.4    | 35.6    | 36.9    | 41.2    |
| Silicio Total      | mg/L | 41.5    | 67.8    | 86.4    | 62.9    | 44.1    | 39.3    |
| Sodio Disuelto     | mg/L | 7.66    | 8.26    | 5.94    | 5.24    | 5.09    | 6.01    |
| Sodio Total        | mg/L | 7.31    | 8.33    | 6.29    | 5.55    | 5.28    | 5.94    |
| Talio Disuelto     | mg/L | <0.001  | <0.001  | <0.001  | <0.001  | <0.001  | <0.001  |
| Talio Total        | mg/L | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| Titanio Disuelto   | mg/L | <0.005  | <0.005  | <0.005  | <0.005  | <0.005  | <0.005  |
| Titanio Total      | mg/L | 0.0068  | 0.263   | 0.361   | 0.154   | 0.0297  | <0.0050 |
| Vanadio Disuelto   | mg/L | <0.005  | <0.005  | <0.005  | <0.005  | <0.005  | <0.005  |
| Vanadio Total      | mg/L | <0.005  | 0.0125  | 0.0190  | 0.0086  | <0.005  | <0.005  |
| Zinc Disuelto      | mg/L | 0.0102  | 0.0134  | <0.010  | <0.010  | <0.010  | <0.010  |
| Zinc Total         | mg/L | 0.0157  | 0.0187  | 0.0211  | 0.0142  | <0.010  | <0.010  |



SW1-2, Río Tzalá entre SW1 y SW2

| Mes                              |       | Feb        | May        | Ago        | Nov        |
|----------------------------------|-------|------------|------------|------------|------------|
| Fecha                            |       | 2/2/2008   | 05/23/2008 | 9/8/2008   | 11/11/2008 |
| Laboratorio                      |       | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio |       | W800596-06 | W802885-02 | W804775-02 | W8K0356-08 |
| pH de campo                      | u.e.  | 7.90       | 8.00       | 7.07       | 7.95       |
| Temperatura de campo             | °C    | 12.40      | 24.80      | 16.95      | 14.06      |
| Conductividad de campo           | uS/cm | 158        | 194        | 105        | 96         |
| Oxígeno Disuelto de campo        | mg/L  | 8.88       | 6.68       | 8.94       | 9.13       |
| Alcalinidad Total                | mg/L  | 38.7       | 32.8       | 20.5       | 26.0       |
| Amonio                           | mg/L  | <0.030     | <0.030     | <0.030     | <0.030     |
| Cloruros                         | mg/L  | 1.22       | 2.76       | 1.74       | 1.41       |
| Fluoruros                        | mg/L  | <0.100     | 0.218      | <0.100     | <0.100     |
| Cianuro Total                    | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     |
| Cianuro WAD                      | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     |
| Nitratos/Nitritos como N         | mg/L  | 0.113      | 0.188      | 0.368      | 0.537      |
| Sulfatos                         | mg/L  | 51.1       | 66.8       | 39.8       | 36.5       |
| Sólidos Disueltos Totales @180°C | mg/L  | 140.0      | 170.0      | 200.0      | 130.0      |
| Sólidos Suspendidos Totales      | mg/L  | <5.0       | 51.0       | 89.0       | 8.0        |
| Sólidos Totales @ 105°C          | mg/L  | 130.0      | 240.0      | 320.0      | 170.0      |
| DQO                              | mg/L  | 7.3        | 15.1       | 11.0       | <5.0       |
| Aluminio Disuelto                | mg/L  | 0.169      | 0.136      | 0.194      | 0.153      |
| Aluminio Total                   | mg/L  | 0.484      | 11.2       | 10.4       | 1.9        |
| Antimonio Disuelto               | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Antimonio Total                  | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Disuelto                | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Total                   | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Bario Disuelto                   | mg/L  | 0.0432     | 0.0768     | 0.0449     | 0.0362     |
| Bario Total                      | mg/L  | 0.0434     | 0.155      | 0.124      | 0.050      |
| Berilio Disuelto                 | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     |
| Berilio Total                    | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     |
| Boro Disuelto                    | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     |
| Boro Total                       | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     |
| Cadmio Disuelto                  | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                     | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Calcio Disuelto                  | mg/L  | 21.8       | 21.0       | 11.5       | 13.8       |
| Calcio Total                     | mg/L  | 21.3       | 22.7       | 14.2       | 14.9       |
| Cobalto Disuelto                 | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     |
| Cobalto Total                    | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     |
| Cobre Disuelto                   | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                      | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     |
| Cromo Disuelto                   | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     |
| Cromo Total                      | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     |
| Fósforo Total                    | mg/L  | <0.050     | 0.092      | 0.071      | <0.050     |
| Hierro Disuelto                  | mg/L  | 0.113      | <0.060     | 0.109      | <0.06      |
| Hierro Total                     | mg/L  | 0.385      | 5.05       | 5.91       | 1.22       |
| Magnesio Disuelto                | mg/L  | 4.27       | 4.39       | 2.54       | 3.08       |
| Magnesio Total                   | mg/L  | 4.14       | 4.83       | 3.31       | 3.24       |
| Manganeso Disuelto               | mg/L  | 0.0982     | 0.370      | 0.131      | 0.156      |
| Manganeso Total                  | mg/L  | 0.105      | 0.544      | 0.260      | 0.198      |
| Mercurio Disuelto                | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    |

|                    |      |         |         |         |         |
|--------------------|------|---------|---------|---------|---------|
| Mercurio Total     | mg/L | <0.0002 | <0.0002 | <0.0002 | <0.0002 |
| Molibdeno Disuelto | mg/L | <0.008  | <0.008  | <0.008  | <0.008  |
| Molibdeno Total    | mg/L | <0.008  | <0.008  | <0.008  | <0.008  |
| Níquel Disuelto    | mg/L | <0.010  | <0.010  | <0.010  | <0.010  |
| Níquel Total       | mg/L | <0.010  | <0.010  | <0.010  | <0.010  |
| Plata Disuelta     | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Plata Total        | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Plomo Disuelto     | mg/L | <0.0075 | <0.0075 | <0.0075 | <0.0075 |
| Plomo Total        | mg/L | <0.0075 | <0.0075 | <0.0075 | <0.0075 |
| Potasio Disuelto   | mg/L | 2.87    | 4.62    | 2.55    | 2.12    |
| Potasio Total      | mg/L | 2.82    | 5.42    | 2.81    | 2.55    |
| Selenio Disuelto   | mg/L | <0.0030 | <0.0030 | <0.0030 | <0.0030 |
| Selenio Total      | mg/L | <0.0030 | <0.0030 | <0.0030 | <0.0030 |
| Silicio Disuelto   | mg/L | 40.9    | 32.6    | 31.9    | 36.3    |
| Silicio Total      | mg/L | 40.2    | 67.1    | 65.0    | 45.3    |
| Sodio Disuelto     | mg/L | 7.92    | 8.360   | 4.87    | 5.17    |
| Sodio Total        | mg/L | 7.59    | 8.57    | 5.10    | 5.57    |
| Talio Disuelto     | mg/L | <0.0010 | <0.0010 | <0.0010 | <0.0010 |
| Talio Total        | mg/L | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| Titanio Disuelto   | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Titanio Total      | mg/L | 0.0068  | 0.258   | 0.214   | 0.032   |
| Vanadio Disuelto   | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Vanadio Total      | mg/L | <0.0050 | 0.0125  | 0.0128  | <0.0050 |
| Zinc Disuelto      | mg/L | 0.0139  | <0.010  | <0.010  | <0.010  |
| Zinc Total         | mg/L | 0.0131  | 0.017   | 0.0186  | <0.010  |

**SW2, Río Tzalá aguas abajo**

| Mes                               |       | Feb        | May        | Jun        | Ago        | Nov        | Dic        |
|-----------------------------------|-------|------------|------------|------------|------------|------------|------------|
| Fecha                             |       | 2/2/2008   | 5/23/2008  | 4/6/2008   | 9/8/2008   | 11/11/2008 | 12/1/2008  |
| Laboratorio                       |       | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio  |       | W800596-07 | W802885-03 | W803301-02 | W804775-03 | W8K0356-09 | W8L0210-05 |
| pH de campo                       | u.e.  | 8.26       | 7.79       | 7.96       | 7.16       | 8.11       | 8.09       |
| Temperatura de campo              | °C    | 11.43      | 17.43      | 17.00      | 16.02      | 13.63      | 13.50      |
| Conductividad de campo            | uS/cm | 153.0      | 150.0      | 105.0      | 96.0       | 96.0       | 162.4      |
| Oxígeno Disuelto de campo         | mg/L  | 9.10       | 7.97       | 8.13       | 9.20       | 9.16       | 7.78       |
| Alcalinidad Total                 | mg/L  | 44.0       | 33.9       | 21.1       | 25.7       | 30.8       | 33.6       |
| Amonio                            | mg/L  | <0.030     | <0.030     | <0.150     | <0.030     | <0.030     | <0.030     |
| Cloruros                          | mg/L  | 1.12       | 3.07       | 3.47       | 1.74       | 1.42       | 1.34       |
| Fluoruros                         | mg/L  | <0.100     | 0.220      | 0.348      | <0.100     | <0.100     | <0.100     |
| Cianuro Total                     | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cianuro WAD                       | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Nitratos/Nitritos como N          | mg/L  | 0.0692     | 0.222      | 1.07       | 0.30       | 0.496      | 0.306      |
| Sulfatos                          | mg/L  | 46.2       | 56.9       | 37.2       | 31.9       | 34.1       | 42.4       |
| Sólidos Disueltos Totales @180 °C | mg/L  | 140.0      | 190.0      | 210.0      | 180.0      | 120.0      | 120.0      |
| Sólidos Suspendidos Totales       | mg/L  | <5.0       | 52.0       | 110.0      | 370.0      | 7.0        | 15.0       |
| Sólidos Totales @ 105 °C          | mg/L  | 120.0      | 280.0      | 350.0      | 620.0      | 170.0      | 150.0      |
| DQO                               | mg/L  | 8.0        | 14.8       | 12.9       | 11.3       | <5.0       | <5.0       |
| Aluminio Disuelto                 | mg/L  | 0.127      | 0.135      | <0.080     | 0.156      | 0.1880     | 0.142      |
| Aluminio Total                    | mg/L  | 0.330      | 15.3       | 8.80       | 24.9       | 2.41       | 0.462      |
| Antimonio Disuelto                | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Antimonio Total                   | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Disuelto                 | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Total                    | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Bario Disuelto                    | mg/L  | 0.0498     | 0.0822     | 0.062      | 0.0435     | 0.0406     | 0.0410     |
| Bario Total                       | mg/L  | 0.0476     | 0.185      | 0.145      | 0.241      | 0.0555     | 0.0519     |
| Berilio Disuelto                  | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Berilio Total                     | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Boro Disuelto                     | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Boro Total                        | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Cadmio Disuelto                   | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                      | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Calcio Disuelto                   | mg/L  | 22.0       | 19.0       | 13.8       | 10.7       | 14.3       | 16.0       |
| Calcio Total                      | mg/L  | 21.6       | 20.8       | 15.1       | 15.9       | 15.5       | 16.2       |
| Cobalto Disuelto                  | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Cobalto Total                     | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Cobre Disuelto                    | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                       | mg/L  | <0.010     | <0.0060    | <0.0060    | <0.010     | <0.010     | <0.010     |
| Cromo Disuelto                    | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Cromo Total                       | mg/L  | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     | <0.006     |
| Fósforo Total                     | mg/L  | <0.050     | 0.105      | 0.091      | 0.187      | <0.050     | <0.050     |
| Hierro Disuelto                   | mg/L  | 0.097      | <0.060     | <0.060     | 0.121      | 0.188      | <0.060     |
| Hierro Total                      | mg/L  | 0.271      | 6.36       | 4.69       | 15.4       | 1.40       | 0.503      |
| Magnesio Disuelto                 | mg/L  | 4.40       | 4.21       | 2.99       | 2.41       | 3.28       | 3.48       |
| Magnesio Total                    | mg/L  | 4.51       | 4.84       | 3.68       | 4.65       | 3.46       | 3.62       |
| Manganeso Disuelto                | mg/L  | 0.0130     | 0.308      | 0.130      | 0.0830     | 0.136      | 0.124      |
| Manganeso Total                   | mg/L  | 0.0197     | 0.475      | 0.231      | 0.518      | 0.175      | 0.136      |
| Mercurio Disuelto                 | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |

|                    |      |         |         |         |         |         |         |
|--------------------|------|---------|---------|---------|---------|---------|---------|
| Mercurio Total     | mg/L | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 | <0.0002 |
| Molibdeno Disuelto | mg/L | <0.008  | <0.008  | <0.008  | <0.008  | <0.008  | <0.008  |
| Molibdeno Total    | mg/L | <0.008  | <0.008  | <0.008  | <0.008  | <0.008  | <0.008  |
| Níquel Disuelto    | mg/L | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  |
| Níquel Total       | mg/L | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  |
| Plata Disuelta     | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Plata Total        | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Plomo Disuelto     | mg/L | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 |
| Plomo Total        | mg/L | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 | <0.0075 |
| Potasio Disuelto   | mg/L | 3.01    | 4.33    | 3.23    | 2.47    | 2.24    | 2.70    |
| Potasio Total      | mg/L | 3.09    | 5.20    | 3.72    | 3.59    | 2.65    | 2.56    |
| Selenio Disuelto   | mg/L | <0.0030 | <0.0030 | <0.0030 | <0.0030 | <0.0030 | <0.0030 |
| Selenio Total      | mg/L | <0.0030 | <0.0030 | <0.0030 | <0.0030 | <0.0030 | <0.0030 |
| Silicio Disuelto   | mg/L | 41.7    | 33.3    | 40.3    | 32.8    | 37.8    | 41.8    |
| Silicio Total      | mg/L | 42.6    | 79.5    | 69.9    | 118     | 48.4    | 40.6    |
| Sodio Disuelto     | mg/L | 7.90    | 7.92    | 6.10    | 5.09    | 5.41    | 6.38    |
| Sodio Total        | mg/L | 7.89    | 8.19    | 6.17    | 5.60    | 5.79    | 6.48    |
| Talio Disuelto     | mg/L | <0.0010 | <0.0005 | <0.0005 | <0.0010 | <0.0010 | <0.0010 |
| Talio Total        | mg/L | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| Titanio Disuelto   | mg/L | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 | <0.0050 |
| Titanio Total      | mg/L | <0.0050 | 0.343   | 0.194   | 0.501   | 0.0445  | <0.0050 |
| Vanadio Disuelto   | mg/L | <0.005  | <0.005  | <0.005  | <0.005  | <0.005  | <0.005  |
| Vanadio Total      | mg/L | <0.005  | 0.0154  | 0.0119  | 0.0337  | <0.005  | <0.005  |
| Zinc Disuelto      | mg/L | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  | <0.010  |
| Zinc Total         | mg/L | <0.010  | 0.0199  | 0.0150  | 0.0294  | <0.010  | <0.010  |

**SW8, Riachuelo Quivichil arriba de SW3**

[illegible]

|                    |      |          |          |          |          |          |          |          |          |
|--------------------|------|----------|----------|----------|----------|----------|----------|----------|----------|
| Mercurio Total     | mg/L | <0.00020 | <0.00020 | <0.00020 | <0.00020 | <0.00020 | <0.00020 | <0.00020 | <0.00020 |
| Molibdeno Disuelto | mg/L | <0.0080  | <0.0080  | <0.0080  | <0.0080  | 0.011    | <0.0080  | <0.0080  | <0.0080  |
| Molibdeno Total    | mg/L | <0.0080  | <0.0080  | 0.0127   | <0.0080  | <0.0080  | <0.0080  | <0.0080  | <0.0080  |
| Níquel Disuelto    | mg/L | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   |
| Níquel Total       | mg/L | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   |
| Plata Disuelta     | mg/L | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Plata Total        | mg/L | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Plomo Disuelto     | mg/L | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  |
| Plomo Total        | mg/L | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  |
| Potasio Disuelto   | mg/L | 5.43     | 5.91     | 6.14     | 4.04     | 3.72     | 4.44     | 5.16     | 5.20     |
| Potasio Total      | mg/L | 5.63     | 6.05     | 6.08     | 6.10     | 7.28     | 5.06     | 5.92     | 5.05     |
| Selenio Disuelto   | mg/L | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 |
| Selenio Total      | mg/L | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 |
| Silicio Disuelto   | mg/L | 59.60    | 64.10    | 62.90    | 50.60    | 46.60    | 46.10    | 52.00    | 50.80    |
| Silicio Total      | mg/L | 60.80    | 61.80    | 61.90    | 143.00   | 135.00   | 111.00   | 59.00    | 49.30    |
| Sodio Disuelto     | mg/L | 11.90    | 15.10    | 14.40    | 5.59     | 4.82     | 5.48     | 7.38     | 16.20    |
| Sodio Total        | mg/L | 11.90    | 15.30    | 15.20    | 5.90     | 5.05     | 6.05     | 7.65     | 17.00    |
| Talio Disuelto     | mg/L | <0.0010  | <0.0010  | <0.0010  | <0.0010  | <0.0010  | <0.0010  | <0.0010  | <0.0010  |
| Talio Total        | mg/L | <0.0005  | <0.0005  | <0.0005  | <0.0005  | <0.0005  | <0.0005  | <0.0005  | <0.0005  |
| Titanio Disuelto   | mg/L | <0.0050  | <0.0050  | <0.0050  | <0.0050  | 0.005    | <0.0050  | <0.0050  | <0.0050  |
| Titanio Total      | mg/L | <0.0050  | <0.0050  | <0.0050  | 0.606    | 0.477    | 0.390    | 0.0261   | 0.0059   |
| Vanadio Disuelto   | mg/L | <0.0050  | 0.006    | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Vanadio Total      | mg/L | <0.0050  | 0.0057   | <0.0050  | 0.027    | 0.0325   | 0.0157   | <0.0050  | <0.0050  |
| Zinc Disuelto      | mg/L | 0.011    | <0.00100 | <0.0100  | <0.00100 | 0.023    | <0.0100  | <0.0100  | <0.0100  |
| Zinc Total         | mg/L | <0.00100 | <0.00100 | <0.0100  | 0.033    | 0.051    | 0.017    | <0.0100  | <0.0100  |

SW3, Riachuelo Quivichil

| Mes                              |       | Feb 08     | Mar 08     | Abr 08     | May 08     | May 08     | Jun 08     | Ago 08     | Nov 08     | Dic 08     |
|----------------------------------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Fecha                            |       | 02/16/08   | 3/13/2008  | 4/12/2008  | 5/12/2008  | 5/24/2008  | 6/4/2008   | 8/7/2008   | 11/8/2008  | 12/1/2008  |
| Laboratorio                      |       | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio |       | W800820-01 | W801249-03 | W801760-09 | W802529-01 | W802885-04 | W803301-03 | W804775-04 | W8K0356-03 | W8L0210-01 |
| pH de campo                      | u.e.  | 8.50       | 8.50       | 8.41       | 8.34       | 8.09       | 7.80       | 7.80       | 8.65       | 8.53       |
| Temperatura de campo             | °C    | 22.74      | 19.40      | 24.74      | 25.66      | 22.12      | 18.00      | 19.12      | 19.69      | 17.89      |
| Conductividad de campo           | uS/cm | 337        | 385        | 321        | 404        | 231        | 85         | 167        | 218        | 243        |
| Oxígeno Disuelto de campo        | mg/L  | 8.11       | 11.64      | 7.31       | 5.28       | 7.90       | 8.22       | 7.77       | 7.67       | 8.70       |
| Alcalinidad Total                | mg/L  | 125.0      | 143.0      | 124.0      | 197.0      | 103.0      | 40.0       | 72.4       | 120.0      | 147.0      |
| Amonio                           | mg/L  | <0.300     | <0.030     | <0.030     | <0.030     | <0.030     | <0.150     | <0.030     | <0.030     | <0.030     |
| Cloruros                         | mg/L  | 6.40       | 12.20      | 8.00       | 7.62       | 4.76       | 3.75       | 2.37       | 2.97       | 3.45       |
| Fluoruros                        | mg/L  | 0.29       | 0.41       | 0.42       | 0.39       | 0.52       | 0.23       | 0.12       | 0.11       | 0.19       |
| Cianuro Total                    | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cianuro WAD                      | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Nitratos/Nitritos como N         | mg/L  | 0.029      | <0.020     | <0.020     | <0.020     | 0.0716     | 0.913      | 0.266      | 0.252      | 0.140      |
| Sulfatos                         | mg/L  | 64.2       | 82.7       | 55.7       | 45.7       | 32.4       | 11.4       | 17.6       | 26.8       | 45.3       |
| Sólidos Disueltos Totales @180°C | mg/L  | 240.0      | 300.0      | 290.0      | 300.0      | 240.0      | 270.0      | 260.0      | 210.0      | 250.0      |
| Sólidos Suspendidos Totales      | mg/L  | 6.0        | <5.0       | 18.0       | 7.0        | 12.0       | 100.0      | 10.0       | 7.0        | 27.0       |
| Sólidos Totales @ 105°C          | mg/L  | 270.0      | 340.0      | 290.0      | 310.0      | 280.0      | 360.0      | 290.0      | 250.0      | 280.0      |
| DQO                              | mg/L  | 11.6       | 9.2        | 24.0       | 13.8       | 14.3       | 18.2       | 6.8        | <5.0       | <5.0       |
| Aluminio Disuelto                | mg/L  | <0.080     |            | 0.247      | <0.080     | 0.098      | 0.110      | 0.175      | <0.080     | <0.080     |
| Aluminio Total                   | mg/L  | 1.17       | 0.081      | 2.12       | 0.091      | 8.22       | 22.8       | 9.92       | 2.22       | 3.81       |
| Antimonio Disuelto               | mg/L  | <0.0030    |            | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Antimonio Total                  | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Disuelto                | mg/L  | 0.00412    |            | 0.00435    | 0.00619    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Total                   | mg/L  | 0.00414    | 0.0108     | 0.00471    | 0.00652    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Bario Disuelto                   | mg/L  | 0.173      |            | 0.178      | 0.234      | 0.145      | 0.0616     | 0.0984     | 0.151      | 0.164      |
| Bario Total                      | mg/L  | 0.171      | 0.193      | 0.219      | 0.227      | 0.214      | 0.191      | 0.153      | 0.166      | 0.188      |
| Berilio Disuelto                 | mg/L  | <0.002     |            | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Berilio Total                    | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Boro Disuelto                    | mg/L  | <0.040     |            | 0.076      | 0.083      | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Boro Total                       | mg/L  | <0.040     | 0.142      | 0.076      | 0.066      | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Cadmio Disuelto                  | mg/L  | <0.0002    |            | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                     | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Calcio Disuelto                  | mg/L  | 38.4       |            | 39.0       | 50.3       | 29.8       | 10.4       | 17.5       | 33.1       | 42.4       |
| Calcio Total                     | mg/L  | 40.0       | 44.0       | 39.9       | 48.5       | 31.2       | 11.6       | 20.3       | 33.5       | 41.1       |
| Cobalto Disuelto                 | mg/L  | <0.0060    |            | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cobalto Total                    | mg/L  | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cobre Disuelto                   | mg/L  | <0.010     |            | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                      | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cromo Disuelto                   | mg/L  | <0.0060    |            | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cromo Total                      | mg/L  | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Fósforo Total                    | mg/L  | <0.050     | <0.050     | <0.050     | <0.050     | 0.050      | 0.105      | <0.050     | <0.050     | <0.050     |
| Hierro Disuelto                  | mg/L  | <0.060     |            | 1.080      | <0.060     | 0.063      | 0.063      | 0.125      | <0.060     | <0.060     |
| Hierro Total                     | mg/L  | 0.449      | 0.060      | 0.077      | 0.069      | 3.45       | 9.13       | 4.31       | 0.832      | 1.56       |
| Magnesio Disuelto                | mg/L  | 8.86       |            | 9.14       | 12.20      | 7.33       | 2.62       | 4.28       | 7.98       | 9.87       |
| Magnesio Total                   | mg/L  | 9.05       | 10.50      | 9.58       | 12.40      | 7.66       | 3.67       | 5.17       | 8.03       | 9.92       |
| Manganeso Disuelto               | mg/L  | 0.009      |            | 0.0176     | 0.0730     | 0.0398     | 0.0115     | 0.0084     | 0.0073     | 0.0073     |

[illegible]



SW4, Rio Cuilco antes de confluencia con Riachuelo Quivichil

| Mes                              |       | Feb 08     | Mar 08     | May 08     | May 08     | Jun 08     | Ago 08     | Nov 08     | Dic 08     |
|----------------------------------|-------|------------|------------|------------|------------|------------|------------|------------|------------|
| Fecha                            |       | 2/17/2008  | 3/13/2008  | 5/12/2008  | 5/24/08    | 04/06/2008 | 8/6/2008   | 11/8/2008  | 12/1/2008  |
| Laboratorio                      |       | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio |       | W800820-02 | W801249-04 | W802529-02 | W802885-05 | W803301-04 | W804775-05 | W8K0356-04 | W8L0210-02 |
| pH de campo                      | u.e.  | 8.49       | 8.44       | 8.71       | 7.88       | 7.66       | 7.58       | 8.15       | 9.21       |
| Temperatura de campo             | °C    | 16.27      | 16.85      | 27.55      | 21.16      | 17.70      | 21.46      | 17.73      | 18.19      |
| Conductividad de campo           | uS/cm | 118        | 123        | 153        | 128        | 83         | 105        | 90         | 84         |
| Oxígeno Disuelto de campo        | mg/L  | 9.58       | 8.92       | 6.81       | 6.97       | 7.60       | 7.54       | 7.87       | 9.05       |
| Alcalinidad Total                | mg/L  | 59.7       | 63.2       | 66.6       | 53.8       | 28.1       | 34.6       | 44.3       | 46.2       |
| Amonio                           | mg/L  | <0.300     | 0.1        | <0.300     | <0.300     | 0.3        | <0.030     | <0.030     | <0.030     |
| Cloruros                         | mg/L  | 2.5        | 2.5        | 2.4        | 3.2        | 4.0        | 2.3        | 3.1        | 2.3        |
| Fluoruros                        | mg/L  | 0.1        | 0.1        | 0.2        | 0.3        | 0.3        | <0.100     | <0.100     | <0.100     |
| Cianuro Total                    | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cianuro WAD                      | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Nitratos/Nitritos como N         | mg/L  | 0.205      | 0.047      | <0.020     | 0.462      | 1.710      | 0.899      | 1.060      | 0.639      |
| Sulfatos                         | mg/L  | 14.6       | 16.2       | 15.4       | 19.2       | 14.4       | 10.5       | 14.1       | 12.6       |
| Sólidos Disueltos Totales @180°C | mg/L  | 110.0      | 130.0      | 120.0      | 160.0      | 210.0      | 210.0      | 120.0      | 98.0       |
| Sólidos Suspendidos Totales      | mg/L  | <5.0       | 42.0       | <5.0       | 80.0       | 44.0       | 83.0       | 14.0       | 8.0        |
| Sólidos Totales @ 105°C          | mg/L  | 120.0      | 200.0      | 150.0      | 260.0      | 440.0      | 320.0      | 170.0      | 110.0      |
| DQO                              | mg/L  | 10.4       | 10.4       | 9.2        | 16.3       | 24.1       | 8.8        | <5.0       | <5.0       |
| Aluminio Disuelto                | mg/L  | <0.080     |            | <0.080     | <0.080     | <0.080     | <0.080     | <0.080     | <0.080     |
| Aluminio Total                   | mg/L  | 0.41       | 1.13       | 0.53       | 11.90      | 15.60      | 16.00      | 2.40       | 0.91       |
| Antimonio Disuelto               | mg/L  | <0.0030    |            | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Antimonio Total                  | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Disuelto                | mg/L  | <0.0030    |            | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Total                   | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Bario Disuelto                   | mg/L  | 0.041      |            | 0.0454     | 0.0574     | 0.0448     | 0.0301     | 0.0323     | 0.0272     |
| Bario Total                      | mg/L  | 0.044      | 0.0592     | 0.0495     | 0.149      | 0.249      | 0.158      | 0.0572     | 0.0404     |
| Berilio Disuelto                 | mg/L  | <0.002     |            | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Berilio Total                    | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Boro Disuelto                    | mg/L  | <0.040     |            | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Boro Total                       | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Cadmio Disuelto                  | mg/L  | <0.0002    |            | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                     | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Calcio Disuelto                  | mg/L  | 13.1       |            | 14.2       | 13.0       | 9.4        | 8.1        | 10.6       | 10.8       |
| Calcio Total                     | mg/L  | 13.7       | 14.1       | 13.8       | 14.3       | 11.3       | 10.5       | 11.1       | 10.8       |
| Cobalto Disuelto                 | mg/L  | <0.0060    |            | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cobalto Total                    | mg/L  | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cobre Disuelto                   | mg/L  | <0.010     |            | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                      | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cromo Disuelto                   | mg/L  | <0.0060    |            | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cromo Total                      | mg/L  | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Fósforo Total                    | mg/L  | <0.050     | <0.050     | <0.050     | 0.124      | 0.125      | 0.101      | <0.050     | <0.050     |
| Hierro Disuelto                  | mg/L  | <0.060     |            | 0.132      | <0.060     | <0.060     | <0.060     | <0.060     | <0.060     |
| Hierro Total                     | mg/L  | 0.315      | 0.687      | 0.474      | 6.000      | 7.320      | 7.470      | 1.130      | 0.525      |
| Magnesio Disuelto                | mg/L  | 3.68       |            | 3.99       | 3.71       | 2.45       | 2.19       | 2.97       | 3.03       |
| Magnesio Total                   | mg/L  | 3.67       | 3.80       | 4.08       | 4.23       | 3.32       | 3.08       | 3.00       | 3.12       |
| Manganeso Disuelto               | mg/L  | 0.032      |            | 0.042      | 0.053      | 0.088      | 0.016      | 0.032      | 0.013      |
| Manganeso Total                  | mg/L  | 0.056      | 0.127      | 0.066      | 0.250      | 0.392      | 0.165      | 0.063      | 0.035      |
| Mercurio Disuelto                | mg/L  | <0.0002    |            | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |

|                    |      |          |          |          |          |          |          |          |          |
|--------------------|------|----------|----------|----------|----------|----------|----------|----------|----------|
| Mercurio Total     | mg/L | <0.0002  | <0.0002  | <0.0002  | <0.0002  | <0.0002  | <0.0002  | <0.0002  | <0.0002  |
| Molibdeno Disuelto | mg/L | <0.0080  |          | <0.0080  | <0.0080  | <0.0080  | <0.0080  | <0.0080  | <0.0080  |
| Molibdeno Total    | mg/L | <0.0080  | <0.0080  | <0.0080  | <0.0080  | <0.0080  | <0.0080  | <0.0080  | <0.0080  |
| Níquel Disuelto    | mg/L | <0.010   |          | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   |
| Níquel Total       | mg/L | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   |
| Plata Disuelta     | mg/L | <0.0050  |          | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Plata Total        | mg/L | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Plomo Disuelto     | mg/L | <0.0075  |          | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  |
| Plomo Total        | mg/L | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  |
| Potasio Disuelto   | mg/L | 3.34     |          | 4.08     | 4.07     | 3.43     | 2.68     | 2.36     | 2.81     |
| Potasio Total      | mg/L | 3.44     | 3.65     | 4.06     | 4.91     | 4.32     | 3.43     | 2.82     | 2.66     |
| Selenio Disuelto   | mg/L | <0.00300 |          | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 |
| Selenio Total      | mg/L | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 |
| Silicio Disuelto   | mg/L | 42.10    |          | 46.60    | 46.50    | 37.80    | 38.70    | 41.30    | 42.60    |
| Silicio Total      | mg/L | 44.10    | 47.10    | 45.50    | 82.80    | 81.50    | 86.50    | 50.30    | 42.60    |
| Sodio Disuelto     | mg/L | 9.28     |          | 10.70    | 9.39     | 5.67     | 5.49     | 7.87     | 7.10     |
| Sodio Total        | mg/L | 9.54     | 10.40    | 11.10    | 9.62     | 6.05     | 6.05     | 8.56     | 7.08     |
| Talio Disuelto     | mg/L | <0.0010  |          | <0.0010  | <0.0010  | <0.0010  | <0.0010  | <0.0010  | <0.0010  |
| Talio Total        | mg/L | <0.00050 | <0.00050 | <0.00050 | <0.00050 | <0.00050 | <0.00050 | <0.00050 | <0.00050 |
| Titanio Disuelto   | mg/L | <0.0050  |          | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Titanio Total      | mg/L | 0.0125   | 0.0394   | 0.0168   | 0.393    | 0.418    | 0.440    | 0.0652   | 0.0288   |
| Vanadio Disuelto   | mg/L | <0.0050  |          | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Vanadio Total      | mg/L | <0.0050  | <0.0050  | <0.0050  | 0.0167   | 0.0206   | 0.0172   | <0.0050  | <0.0050  |
| Zinc Disuelto      | mg/L | <0.0100  |          | <0.0100  | <0.0100  | <0.0100  | <0.0100  | 0.0160   | <0.0100  |
| Zinc Total         | mg/L | <0.0100  | <0.0100  | <0.0100  | <0.0100  | 0.0221   | 0.0135   | 0.0140   | <0.0100  |

**SW5. Río Cuilco depués de confluencia con Riachuelo Quivichil**

| Mes                               |       | Feb 08     | Mar 08     | May 08     | May 08     | Jun 08     | Ago 08     | Nov 08     | Dic 08     |
|-----------------------------------|-------|------------|------------|------------|------------|------------|------------|------------|------------|
| Fecha                             |       | 2/17/2008  | 3/13/2008  | 5/12/2008  | 5/24/2008  | 05/06/2008 | 8/6/2008   | 11/8/2008  | 12/1/2008  |
| Laboratorio                       |       | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio  |       | W800820-03 | W801249-05 | W802529-03 | W802885-06 | W803301-05 | W804775-06 | W8K0356-05 | W8L0210-03 |
| pH de campo                       | u.e.  | 8.45       | 8.30       | 8.82       | 8.08       | 7.78       | 7.96       | 8.42       | 9.10       |
| Temperatura de campo              | °C    | 16.17      | 17.03      | 27.66      | 20.78      | 18.12      | 21.77      | 17.73      | 18.72      |
| Conductividad de campo            | uS/cm | 119        | 123        | 158        | 137        | 95         | 109        | 91         | 94         |
| Oxígeno Disuelto de campo         | mg/L  | 9.40       | 9.05       | 7.01       | 7.58       | 7.88       | 7.60       | 8.63       | 8.95       |
| Alcalinidad Total                 | mg/L  | 61.2       | 62.0       | 67.6       | 58.1       | 31.9       | 38.9       | 46.6       | 51.1       |
| Amonio                            | mg/L  | <0.300     | <0.030     | <0.030     | <0.030     | <0.150     | <0.030     | <0.030     | <0.030     |
| Cloruros                          | mg/L  | 2.7        | 2.6        | 2.4        | 3.6        | 3.9        | 2.3        | 2.4        | 2.4        |
| Fluoruros                         | mg/L  | 0.1        | 0.1        | 0.2        | 0.3        | 0.4        | <0.1       | <0.1       | <0.1       |
| Cianuro Total                     | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Cianuro WAD                       | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Nitratos/Nitritos como N          | mg/L  | 0.135      | 0.046      | <0.0200    | 0.421      | 1.250      | 0.800      | 1.050      | 0.585      |
| Sulfatos                          | mg/L  | 15.6       | 16.1       | 14.6       | 20.8       | 12.6       | 11.1       | 11.4       | 14.1       |
| Sólidos Disueltos Totales @180 °C | mg/L  | 110.0      | 120.0      | 130.0      | 160.0      | 250.0      | 210.0      | 120.0      | 110.0      |
| Sólidos Suspendidos Totales       | mg/L  | <5.0       | 16.0       | 10.0       | 96.0       | 220.0      | 93.0       | 25.0       | 13.0       |
| Sólidos Totales @ 105 °C          | mg/L  | 130.0      | 160.0      | 160.0      | 280.0      | 380.0      | 330.0      | 180.0      | 130.0      |
| DQO                               | mg/L  | 11.1       | <5.0       | 11.1       | 18.2       | 19.2       | 8.0        | <5.0       | <5.0       |
| Aluminio Disuelto                 | mg/L  | <0.080     |            | <0.080     | <0.080     | <0.080     | <0.080     | <0.080     | 0.23       |
| Aluminio Total                    | mg/L  | 0.37       | 0.54       | 0.99       | 15.70      | 24.00      | 15.00      | 1.88       | 1.37       |
| Antimonio Disuelto                | mg/L  | <0.0030    |            | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Antimonio Total                   | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Disuelto                 | mg/L  | <0.0030    |            | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Total                    | mg/L  | <0.0030    | <0.0030    | <0.0030    | 0.00359    | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Bario Disuelto                    | mg/L  | 0.043      |            | 0.0496     | 0.0690     | 0.0495     | 0.0371     | 0.0386     | 0.0333     |
| Bario Total                       | mg/L  | 0.045      | 0.0491     | 0.0566     | 0.194      | 0.227      | 0.163      | 0.0684     | 0.0476     |
| Berilio Disuelto                  | mg/L  | <0.002     |            | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Berilio Total                     | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     | <0.002     |
| Boro Disuelto                     | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | 0.04       |
| Boro Total                        | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     | <0.040     |
| Cadmio Disuelto                   | mg/L  | <0.0002    |            | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                      | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Calcio Disuelto                   | mg/L  | 13.7       |            | 14.8       | 15.5       | 9.9        | 9.2        | 12.3       | 13.0       |
| Calcio Total                      | mg/L  | 14.1       | 14.0       | 14.1       | 16.5       | 11.8       | 11.6       | 12.8       | 12.6       |
| Cobalto Disuelto                  | mg/L  | <0.0060    |            | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cobalto Total                     | mg/L  | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cobre Disuelto                    | mg/L  | <0.010     |            | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                       | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     | 0.01       | <0.010     | <0.010     | <0.010     |
| Cromo Disuelto                    | mg/L  | <0.0060    |            | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cromo Total                       | mg/L  | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Fósforo Total                     | mg/L  | <0.050     | <0.050     | <0.050     | 0.160      | 0.144      | 0.092      | <0.050     | <0.050     |
| Hierro Disuelto                   | mg/L  | 0.065      |            | 0.135      | <0.060     | <0.060     | <0.060     | <0.060     | <0.060     |
| Hierro Total                      | mg/L  | 0.289      | 0.392      | 0.707      | 8.060      | 10.900     | 7.060      | 1.030      | 0.679      |
| Magnesio Disuelto                 | mg/L  | 3.75       |            | 4.13       | 4.17       | 2.51       | 2.41       | 3.39       | 3.41       |
| Magnesio Total                    | mg/L  | 3.67       | 3.72       | 4.20       | 4.80       | 3.71       | 3.40       | 3.41       | 3.50       |
| Manganeso Disuelto                | mg/L  | 0.042      |            | 0.055      | 0.055      | 0.043      | 0.015      | 0.030      | 0.013      |

|                    |      |          |          |          |          |          |          |          |          |
|--------------------|------|----------|----------|----------|----------|----------|----------|----------|----------|
| Manganeso Total    | mg/L | 0.064    | 0.096    | 0.087    | 0.308    | 0.256    | 0.156    | 0.068    | 0.038    |
| Mercurio Disuelto  | mg/L | <0.0002  |          | <0.0002  | <0.0002  | <0.0002  | <0.0002  | <0.0002  | <0.0002  |
| Mercurio Total     | mg/L | <0.0002  | <0.0002  | <0.0002  | <0.0002  | <0.0002  | <0.0002  | <0.0002  | <0.0002  |
| Molibdeno Disuelto | mg/L | <0.0080  |          | <0.0080  | <0.0080  | <0.0080  | <0.0080  | <0.0080  | <0.0080  |
| Molibdeno Total    | mg/L | <0.0080  | <0.0080  | 0.0084   | <0.0080  | <0.0080  | <0.0080  | <0.0080  | <0.0080  |
| Níquel Disuelto    | mg/L | <0.010   |          | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   |
| Níquel Total       | mg/L | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   | <0.010   |
| Plata Disuelta     | mg/L | <0.0050  |          | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Plata Total        | mg/L | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Plomo Disuelto     | mg/L | <0.0075  |          | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  |
| Plomo Total        | mg/L | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  | <0.0075  |
| Potasio Disuelto   | mg/L | 3.35     |          | 4.14     | 4.14     | 2.96     | 2.71     | 2.48     | 2.90     |
| Potasio Total      | mg/L | 3.43     | 3.53     | 4.13     | 5.25     | 4.53     | 3.50     | 2.83     | 2.76     |
| Selenio Disuelto   | mg/L | <0.00300 |          | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 |
| Selenio Total      | mg/L | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 | <0.00300 |
| Silicio Disuelto   | mg/L | 41.40    |          | 45.50    | 44.40    | 40.10    | 38.50    | 43.10    | 42.70    |
| Silicio Total      | mg/L | 43.00    | 42.00    | 45.40    | 90.30    | 113.00   | 84.50    | 49.80    | 43.80    |
| Sodio Disuelto     | mg/L | 9.54     |          | 10.70    | 9.83     | 5.65     | 5.72     | 6.80     | 7.52     |
| Sodio Total        | mg/L | 9.61     | 10.40    | 11.20    | 10.10    | 6.18     | 6.18     | 6.90     | 7.48     |
| Talio Disuelto     | mg/L | <0.00100 |          | <0.00100 | <0.00100 | <0.00100 | <0.00100 | <0.00100 | <0.00100 |
| Talio Total        | mg/L | <0.00050 | <0.00050 | <0.00050 | <0.00050 | <0.00050 | <0.00050 | <0.00050 | <0.00050 |
| Titanio Disuelto   | mg/L | <0.0050  |          | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Titanio Total      | mg/L | 0.0112   | 0.0175   | 0.0337   | 0.515    | 0.621    | 0.383    | 0.0563   | 0.0393   |
| Vanadio Disuelto   | mg/L | <0.0050  |          | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Vanadio Total      | mg/L | <0.0050  | <0.0050  | <0.0050  | 0.0220   | 0.0265   | 0.0163   | <0.0050  | <0.0050  |
| Zinc Disuelto      | mg/L | <0.0100  |          | <0.0100  | <0.0100  | <0.0100  | <0.0100  | <0.0100  | <0.0100  |
| Zinc Total         | mg/L | <0.0100  | <0.0100  | <0.0100  | 0.0174   | 0.0233   | 0.0148   | <0.0100  | <0.0100  |

**SW11, Rio Cuilco antes de confluencia con Rio Tzala**

| Mes                              |       | Ene 08     | Abr 08     | Jul 08     | Oct 08     |
|----------------------------------|-------|------------|------------|------------|------------|
| Fecha                            |       | 1/21/2008  | 4/11/2008  | 7/16/2008  | 10/13/2008 |
| Laboratorio                      |       | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio |       | W800435-08 | W801760-13 | W804209-04 | W8J0535-03 |
| pH del campo                     | u.e.  | 8.40       | 8.02       | 8.09       | 7.80       |
| Temp del campo                   | °C    | 16.25      | 20.22      | 18.25      | 17.43      |
| Conductividad del campo          | uS/cm | 119        | 98         | 98         | 59         |
| Oxígeno Disuelto del campo       | mg/L  | 9.04       | 7.42       | 8.20       | 8.71       |
| Alcalinidad Total                | mg/L  | 53.3       | 52.3       | 36.5       | 30.3       |
| Amonio                           | mg/L  |            | 0.055      | <0.030     | <0.030     |
| Cloruros                         | mg/L  | 2.01       | 2.20       | 2.33       | 2.30       |
| Fluoruros                        | mg/L  | 0.125      | 0.196      | <0.100     | <0.100     |
| Cianuro Total                    | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Cianuro WAD                      | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Nitritos/Nitratos como N         | mg/L  |            | 0.555      | 0.972      | 1.10       |
| Sulfatos                         | mg/L  | 10.30      | 12.20      | 9.98       | 8.62       |
| Sólidos Disueltos Totales @180C  | mg/L  | 110.00     | 220.00     | 160.00     | 170.00     |
| Sólidos Suspendidos Totales      | mg/L  | 8.00       | 3500.00    | 40.00      | 660.00     |
| Sólidos Totales @ 105C           | mg/L  | 140.00     | 4200.00    | 200.00     | 800.00     |
| DQO                              | mg/L  | 7.40       | 188.00     | 30.20      | 11.20      |
| Aluminio Disuelto                | mg/L  | <0.080     | 1.230      | <0.080     | <0.080     |
| Aluminio Total                   | mg/L  | 0.281      | 223.000    | 8.050      | 57.800     |
| Antimonio Disuelto               | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Antimonio Total                  | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Disuelto                | mg/L  | <0.0030    | <0.0030    | <0.0030    | <0.0030    |
| Arsénico Total                   | mg/L  | <0.0030    | 0.0213     | <0.0030    | 0.00492    |
| Bario Disuelto                   | mg/L  | 0.0353     | 0.103      | 0.0319     | 0.0198     |
| Bario Total                      | mg/L  | 0.0401     | 1.73       | 0.106      | 0.442      |
| Berillio Disuelto                | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     |
| Berillio Total                   | mg/L  | <0.002     | 0.00405    | <0.002     | <0.002     |
| Boro Disuelto                    | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     |
| Boro Total                       | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     |
| Cadmio Disuelto                  | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                     | mg/L  | <0.0002    | 0.00103    | <0.0002    | <0.0002    |
| Calcio Disuelto                  | mg/L  | 11.20      | 12.00      | 8.80       | 6.90       |
| Calcio Total                     | mg/L  | 12.10      | 29.70      | 10.40      | 12.30      |
| Cobalto Disuelto                 | mg/L  | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cobalto Total                    | mg/L  | <0.0060    | 0.0403     | <0.0060    | 0.0085     |
| Cobre Disuelto                   | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                      | mg/L  | <0.010     | 0.104      | <0.010     | 0.021      |
| Cromo Disuelto                   | mg/L  | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cromo Total                      | mg/L  | <0.0060    | 0.0457     | <0.0060    | 0.0082     |
| Fósforo Total                    | mg/L  | <0.050     | 1.64       | 0.052      | 0.389      |
| Hierro Disuelto                  | mg/L  | <0.060     | 0.636      | <0.060     | <0.060     |
| Hierro Total                     | mg/L  | 0.277      | 141.000    | 3.370      | 32.400     |
| Magnesio Disuelto                | mg/L  | 3.270      | 3.090      | 2.440      | 1.810      |
| Magnesio Total                   | mg/L  | 3.520      | 17.100     | 3.070      | 4.790      |
| Manganeso Disuelto               | mg/L  | 0.013      | 0.144      | 0.023      | 0.025      |
| Manganeso Total                  | mg/L  | 0.036      | 3.860      | 0.100      | 0.642      |
| Mercurio Disuelto                | mg/L  | <0.00020   | <0.00020   | <0.00020   | <0.00020   |

|                    |      |          |          |          |          |
|--------------------|------|----------|----------|----------|----------|
| Mercurio Total     | mg/L | <0.00020 | <0.00020 | <0.00020 | <0.00020 |
| Molibdeno Disuelto | mg/L | <0.0080  | <0.0080  | <0.0080  | <0.0080  |
| Molibdeno Total    | mg/L | <0.0080  | <0.0080  | <0.0080  | <0.0080  |
| Níquel Disuelto    | mg/L | <0.010   | <0.010   | <0.010   | <0.010   |
| Níquel Total       | mg/L | <0.010   | 0.037    | <0.010   | <0.010   |
| Plata Disuelta     | mg/L | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Plata Total        | mg/L | <0.0050  | <0.0050  | <0.0050  | <0.0050  |
| Plomo Disuelto     | mg/L | <0.0075  | <0.0075  | <0.0075  | <0.0075  |
| Plomo Total        | mg/L | <0.0075  | 0.0512   | <0.0075  | <0.0075  |
| Potasio Disuelto   | mg/L | 3.17     | 3.90     | 2.45     | 2.31     |
| Potasio Total      | mg/L | 3.03     | 13.00    | 2.87     | 4.75     |
| Selenio Disuelto   | mg/L | <0.00300 | <0.00300 | <0.00300 | <0.00300 |
| Selenio Total      | mg/L | <0.00300 | <0.00500 | <0.00500 | <0.00300 |
| Silicio Disuelto   | mg/L | 45.5     | 39.4     | 41.8     | 35.5     |
| Silicio Total      | mg/L | 48.2     | 257      | 65.8     | 146      |
| Sodio Disuelto     | mg/L | 8.51     | 7.61     | 5.48     | 4.82     |
| Sodio Total        | mg/L | 8.42     | 9.03     | 6.13     | 5.95     |
| Talio Disuelto     | mg/L | <0.0010  | <0.0010  | <0.0010  | <0.0010  |
| Talio Total        | mg/L | <0.0005  | 0.00150  | <0.0005  | <0.0005  |
| Titanio Disuelto   | mg/L | <0.0050  | 0.0125   | <0.0050  | <0.0050  |
| Titanio Total      | mg/L | 0.0101   | 6.56     | 0.214    | 1.84     |
| Vanadio Disuelto   | mg/L | <0.0050  | 0.0070   | <0.0050  | <0.0050  |
| Vanadio Total      | mg/L | <0.0050  | 0.313    | 0.0092   | 0.0778   |
| Zinc Disuelto      | mg/L | <0.0100  | <0.0100  | <0.0100  | <0.0100  |
| Zinc Total         | mg/L | <0.0100  | 0.270    | 0.0121   | 0.0602   |

SW12, Rio Cuilco depués de confluencia con Rio Tzala

| Mes                              |       | Ene 08     | Abr 08     | Jul 08     | Oct 08     |
|----------------------------------|-------|------------|------------|------------|------------|
| Fecha                            |       | 1/21/2008  | 4/11/2008  | 7/18/2008  | 10/13/2008 |
| Laboratorio                      |       | SVL        | SVL        | SVL        | SVL        |
| Número de Reporte de Laboratorio |       | W800435-09 | W801760-14 | W804209-05 | W8J0535-04 |
| pH del campo                     | u.e.  | 8.35       | 8.22       | 8.27       | 7.51       |
| Temp del campo                   | °C    | 15.1       | 19.01      | 17.20      | 16.42      |
| Conductividad del campo          | uS/cm | 122        | 81         | 98         | 53         |
| Oxígeno Disuelto del campo       | mg/L  | 9.06       | 8.01       | 8.42       | 8.67       |
| Alcalinidad Total                | mg/L  | 54.0       | 40.5       | 36.0       | 25.9       |
| Amonio                           | mg/L  |            | 0.075      | <0.030     | <0.030     |
| Cloruros                         | mg/L  | 2.14       | 2.24       | 2.39       | 2.24       |
| Fluoruros                        | mg/L  | 0.120      | 0.101      | <0.100     | 0.135      |
| Cianuro Total                    | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Cianuro WAD                      | mg/L  | <0.0100    | <0.0100    | <0.0100    | <0.0100    |
| Nitritos/Nitratos como N         | mg/L  |            | 0.520      | 0.904      | 0.970      |
| Sulfatos                         | mg/L  | 12.60      | 13.10      | 11.90      | 9.55       |
| Sólidos Disueltos Totales @180C  | mg/L  | 110.00     | 160.00     | 150.00     | 130.00     |
| Sólidos Suspendidos Totales      | mg/L  | 7.00       | 2300.00    | 27.00      | 1100.00    |
| Sólidos Totales @ 105C           | mg/L  | 140.00     | 4200.00    | 200.00     | 1200.00    |
| DQO                              | mg/L  | 7.0        | 343.0      | 24.3       | 18.7       |
| Aluminio Disuelto                | mg/L  | <0.080     | 0.120      | <0.080     | 1.68       |
| Aluminio Total                   | mg/L  | 0.225      | 193        | 5.39       | 81.7       |
| Antimonio Disuelto               | mg/L  | <0.00300   | <0.00300   | <0.00300   | <0.00300   |
| Antimonio Total                  | mg/L  | <0.00300   | <0.00300   | <0.00300   | <0.00300   |
| Arsénico Disuelto                | mg/L  | <0.00300   | <0.00300   | <0.00300   | <0.00300   |
| Arsénico Total                   | mg/L  | <0.00300   | 0.0125     | <0.00300   | 0.00575    |
| Bario Disuelto                   | mg/L  | 0.0386     | 0.0379     | 0.0322     | 0.0892     |
| Bario Total                      | mg/L  | 0.0425     | 1.62       | 0.0979     | 0.611      |
| Berillio Disuelto                | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     |
| Berillio Total                   | mg/L  | <0.002     | <0.002     | <0.002     | <0.002     |
| Bismuto Disuelto                 | mg/L  |            |            |            |            |
| Bismuto Total                    | mg/L  |            |            |            |            |
| Boro Disuelto                    | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     |
| Boro Total                       | mg/L  | <0.040     | <0.040     | <0.040     | <0.040     |
| Cadmio Disuelto                  | mg/L  | <0.0002    | <0.0002    | <0.0002    | <0.0002    |
| Cadmio Total                     | mg/L  | <0.0002    | 0.000966   | <0.0002    | 0.000352   |
| Calcio Disuelto                  | mg/L  | 11.80      | 8.71       | 9.57       | 7.08       |
| Calcio Total                     | mg/L  | 12.90      | 26.00      | 10.60      | 13.40      |
| Cobalto Disuelto                 | mg/L  | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cobalto Total                    | mg/L  | <0.0060    | 0.0426     | <0.0060    | 0.0139     |
| Cobre Disuelto                   | mg/L  | <0.010     | <0.010     | <0.010     | <0.010     |
| Cobre Total                      | mg/L  | <0.010     | 0.107      | <0.010     | 0.029      |
| Cromo Disuelto                   | mg/L  | <0.0060    | <0.0060    | <0.0060    | <0.0060    |
| Cromo Total                      | mg/L  | <0.0060    | 0.0328     | <0.0060    | 0.0119     |
| Estaño Disuelto                  | mg/L  |            |            |            |            |
| Estaño Total                     | mg/L  |            |            |            |            |
| Fósforo Total                    | mg/L  | <0.050     | 2.11       | <0.050     | 0.595      |
| Hierro Disuelto                  | mg/L  | <0.060     | 0.07       | <0.060     | 1.10       |
| Hierro Total                     | mg/L  | 0.23       | 121.00     | 2.33       | 47.80      |
| Magnesio Disuelto                | mg/L  | 3.31       | 2.36       | 2.57       | 1.86       |
| Magnesio Total                   | mg/L  | 3.57       | 11.20      | 3.00       | 5.89       |

|                    |      |           |          |           |           |
|--------------------|------|-----------|----------|-----------|-----------|
| Manganeso Disuelto | mg/L | 0.0181    | 0.0225   | 0.0236    | 0.971     |
| Manganeso Total    | mg/L | 0.0415    | 4.18     | 0.0813    | 0.0813    |
| Mercurio Disuelto  | mg/L | <0.0002   | <0.0002  | <0.0002   | 0.00025   |
| Mercurio Total     | mg/L | <0.0002   | <0.0002  | <0.0002   | 0.00031   |
| Molibdeno Disuelto | mg/L | <0.0080   | <0.0080  | <0.0080   | <0.0080   |
| Molibdeno Total    | mg/L | <0.0080   | <0.0080  | <0.0080   | <0.0080   |
| Níquel Disuelto    | mg/L | <0.010    | <0.010   | <0.010    | <0.010    |
| Níquel Total       | mg/L | <0.010    | 0.027    | <0.010    | 0.013     |
| Plata Disuelta     | mg/L | <0.0050   | <0.0050  | <0.0050   | <0.0050   |
| Plata Total        | mg/L | <0.0050   | <0.0050  | <0.0050   | <0.0050   |
| Plomo Disuelto     | mg/L | <0.0075   | <0.0075  | <0.0075   | <0.0075   |
| Plomo Total        | mg/L | <0.0075   | 0.0430   | <0.0075   | 0.0098    |
| Potasio Disuelto   | mg/L | 3.14      | 3.75     | 2.57      | 2.40      |
| Potasio Total      | mg/L | 3.02      | 9.62     | 2.76      | 4.90      |
| Selenio Disuelto   | mg/L | <0.00300  | <0.00300 | <0.00300  | <0.00300  |
| Selenio Total      | mg/L | <0.00300  | <0.00300 | <0.00300  | <0.00300  |
| Silicio Disuelto   | mg/L | 44.60     | 31.20    | 44.00     | 37.20     |
| Silicio Total      | mg/L | 47.50     | 203.00   | 58.30     | 147.00    |
| Sodio Disuelto     | mg/L | 8.86      | 7.42     | 5.84      | 4.72      |
| Sodio Total        | mg/L | 8.84      | 8.48     | 6.14      | 5.49      |
| Talio Disuelto     | mg/L | <0.00100  | <0.00100 | <0.00100  | <0.00100  |
| Talio Total        | mg/L | <0.000500 | 0.00111  | <0.000500 | <0.000500 |
| Titanio Disuelto   | mg/L | <0.0050   | <0.0050  | <0.0050   | 0.0287    |
| Titanio Total      | mg/L | 0.0068    | 4.64     | 0.133     | 2.49      |
| Vanadio Disuelto   | mg/L | <0.0050   | <0.0050  | <0.0050   | 0.0053    |
| Vanadio Total      | mg/L | <0.0050   | 0.292    | 0.0068    | 0.113     |
| Zinc Disuelto      | mg/L | <0.0100   | <0.0100  | <0.0100   | <0.0100   |
| Zinc Total         | mg/L | <0.0100   | 0.238    | 0.0104    | 0.0889    |



| Fecha       | Profundidad al Agua (m) |       |       |       |       |
|-------------|-------------------------|-------|-------|-------|-------|
|             | PW1                     | PW3   | PW5   | PW7   | PW12  |
| 01/04/2004  | 86.27                   | 82.26 | 92.60 | 77.01 | 57.30 |
| 01/09/2005  | 83.66                   | 82.30 | 91.81 | 76.86 | 60.00 |
| 31/01/2006  | 83.26                   | 82.28 | 92.06 | 76.51 | seco  |
| 06/02/2006  | 83.28                   | 82.30 | 92.08 | 76.53 | seco  |
| 10/02/2006  | 83.33                   | 82.30 | 92.05 | 76.54 | seco  |
| 23/02/2006  | 83.25                   | 82.30 | 92.06 | 76.46 | seco  |
| 03/03/2006  | 83.24                   | 82.29 | 92.06 | 76.45 | seco  |
| 11/03/2006  | 83.24                   | 82.30 | 92.06 | 76.43 | seco  |
| 18/03/2006  | 83.25                   | 82.30 | 92.06 | 76.46 | seco  |
| 26/03/2006  | 83.25                   | 82.31 | 92.06 | 76.46 | seco  |
| 04/04/2006  | 83.26                   | 82.29 | 92.05 | 76.25 | seco  |
| 10/04/2006  | 83.21                   | 82.28 | 92.05 | 76.45 | seco  |
| 17/04/2006  | 83.23                   | 82.31 | 92.06 | 76.42 | seco  |
| 23/04/2006  | 83.22                   | 82.63 | 92.07 | 76.45 | seco  |
| 01/05/2006  | 83.22                   | 82.30 | 92.06 | 76.46 | seco  |
| 08/05/2006  | 83.22                   | 82.30 | 92.06 | 76.46 | seco  |
| 15/05/2006  | 83.22                   | 82.30 | 92.06 | 76.46 | seco  |
| 22/05/2006  | 83.23                   | 82.31 | 92.07 | 76.45 | seco  |
| 31/05/2006  | 83.24                   | 82.31 | 92.06 | 76.44 | 59.56 |
| 05/06/2006  | 83.23                   | 82.30 | 92.07 | 76.43 | 59.63 |
| 11/06/2006  | 83.18                   | 82.28 | 92.06 | 76.40 | 59.20 |
| 19/06/2006  | 83.23                   | 82.31 | 92.07 | 76.44 | 59.24 |
| 26/06/2006  | 83.22                   | 82.31 | 92.06 | 76.43 | 59.55 |
| 03/07/2006  | 83.22                   | 82.31 | 92.08 | 76.77 | 59.27 |
| 09/07/2006  | 83.21                   | 82.31 | 92.08 | 76.43 | 59.33 |
| 17/07/2006  | 83.10                   | 82.30 | 92.08 | 76.42 | 59.40 |
| 24/07/2006  | 83.21                   | 82.43 | 92.07 | 76.41 | 59.44 |
| 31/07/2006  | 83.21                   | 82.31 | 92.06 | 76.41 | 59.50 |
| 08/08/2006  | 83.21                   | 82.32 | 92.08 | 76.40 | 59.56 |
| 14/08/2006  | 83.21                   | 82.31 | 92.08 | 76.43 | 59.61 |
| 26/08/2006  | 83.20                   | 82.31 | 92.08 | 76.40 | 59.38 |
| 09/09/2006  | 83.17                   | 82.31 | 92.07 | 76.38 | 59.00 |
| 12/09/2006  | 83.16                   | 82.38 | 92.09 | 76.36 | 59.00 |
| 18/09/2006  | 83.17                   | 82.20 | 92.08 | 76.37 | 60.11 |
| 28/09/2006  | 83.17                   | 82.32 | 92.08 | 76.39 | 59.12 |
| 03/10/2006  | 83.17                   | 82.32 | 92.08 | 76.39 | 59.17 |
| 10/10/2006  | 83.19                   | 82.32 | 92.11 | 76.07 | 59.14 |
| 17/10/2006  | 82.30                   | 82.30 | 91.88 | 76.11 | 59.00 |
| 27/10/2006  | 83.15                   | 82.32 | 92.10 | 76.36 | 59.02 |
| 30/10/2006  | 83.15                   | 82.38 | 92.16 | 76.27 | 59.05 |
| 12/11/2006  | 83.50                   | 83.23 | 91.46 | 76.31 | 60.36 |
| 24/11/2006  | 83.15                   | 82.20 | 91.85 | 76.27 | 59.26 |
| 6-Jan-2007  | 83.48                   | nm    | nm    | nm    | 60.60 |
| 28-Jan-2007 | 83.47                   | nm    | nm    | nm    | 60.75 |
| 3-Feb-2007  | 83.47                   | nm    | nm    | nm    | 60.78 |
| 9-Feb-2007  | 83.47                   | nm    | nm    | nm    | 60.83 |
| 13-Feb-2007 | 83.49                   | nm    | nm    | nm    | 60.85 |

|             |       |       |       |       |       |
|-------------|-------|-------|-------|-------|-------|
| 21-Feb-2007 | 83.56 | nm    | nm    | nm    | 60.97 |
| 1-Mar-2007  | 83.47 | nm    | nm    | nm    | 60.94 |
| 7-Mar-2007  | 83.55 | nm    | nm    | nm    | seco  |
| 13-Mar-2007 | 83.55 | nm    | nm    | nm    | seco  |
| 20-Mar-2007 | 83.55 | nm    | nm    | nm    | seco  |
| 27-Mar-2007 | 83.47 | 82.59 | 92.37 | 76.52 | seco  |
| 4-Apr-2007  | 83.47 | 82.68 | 92.37 | 76.49 | seco  |
| 11-Apr-2007 | 83.45 | 82.68 | 92.37 | 76.73 | seco  |
| 17-Apr-2007 | 83.44 | 82.68 | 92.37 | 76.43 | seco  |
| 24-Apr-2007 | 83.52 | 82.65 | 92.45 | 76.55 | seco  |
| 1-May-2007  | 83.53 | 82.75 | 92.45 | 76.51 | seco  |
| 8-May-2007  | 83.51 | 82.74 | 92.45 | 76.47 | seco  |
| 16-May-2007 | 83.52 | 82.75 | 92.44 | 76.48 | seco  |
| 23-May-2007 | 83.45 | 82.68 | 92.38 | 76.37 | seco  |
| 28-May-2007 | 83.50 | 82.75 | 92.44 | 76.44 | seco  |
| 5-Jun-2007  | 83.50 | 82.75 | 92.45 | 76.44 | 60.10 |
| 12-Jun-2007 | 83.49 | 82.75 | 92.45 | 76.40 | 60.14 |
| 19-Jun-2007 | 83.49 | 82.75 | 92.45 | 76.40 | 60.09 |
| 26-Jun-2007 | 83.48 | 82.75 | 92.45 | 76.37 | 60.09 |
| 2-Jul-2007  | 83.48 | 82.75 | 92.44 | 76.32 | 60.15 |
| 9-Jul-2007  | 83.47 | 82.74 | 92.44 | 76.27 | 60.22 |
| 17-Jul-2007 | 83.49 | 82.74 | 92.44 | 76.26 | 60.07 |
| 23-Jul-2007 | 83.47 | 82.74 | 92.44 | 76.23 | 60.15 |
| 1-Aug-2007  | 83.47 | 82.74 | 92.45 | 76.06 | 60.10 |
| 7-Aug-2007  | 83.47 | 82.75 | 92.45 | 76.16 | nsm   |
| 13-Aug-2007 | 83.47 | 82.75 | 92.44 | 76.10 | 60.08 |
| 20-Aug-2007 | 83.46 | 82.75 | 92.44 | 76.06 | 60.10 |
| 27-Aug-2007 | 83.45 | 82.74 | 92.44 | 75.99 | 60.10 |
| 3-Sep-2007  | 83.45 | 82.74 | 92.44 | 76.00 | 60.60 |
| 10-Sep-2007 | 83.45 | 82.75 | 92.44 | 75.91 | 59.77 |
| 17-Sep-2007 | 83.45 | 82.75 | 92.44 | 75.89 | 60.14 |
| 24-Sep-2007 | 83.44 | 82.75 | 92.45 | 75.83 | 59.30 |
| 1-Oct-2007  | 83.45 | 82.75 | 92.44 | 75.78 | 60.07 |
| 8-Oct-2007  | 83.44 | 82.75 | 92.44 | 75.68 | 60.10 |
| 16-Oct-2007 | 83.42 | 82.75 | 92.44 | 75.63 | 60.11 |
| 22-Oct-2007 | 83.42 | 82.75 | 92.44 | 75.59 | 60.14 |
| 30-Oct-2007 | 83.43 | 82.75 | 92.45 | 75.54 | 60.15 |
| 5-Nov-2007  | 83.43 | 82.75 | 92.45 | 75.45 | 60.22 |
| 12-Nov-2007 | 83.43 | 82.75 | 92.44 | 75.40 | 60.29 |
| 20-Nov-2007 | 83.44 | 82.75 | 92.45 | 75.33 | 60.38 |
| 26-Nov-2007 | 83.43 | 82.75 | 92.45 | 75.26 | seco  |
| 3-Dec-2007  | 83.44 | 82.75 | 92.45 | 75.21 | seco  |
| 10-Dec-2007 | 83.44 | 82.75 | 92.45 | 75.11 | seco  |
| 17-Dec-2007 | 83.44 | 82.75 | 92.45 | 75.05 | seco  |
| 9-Jan-2008  | 83.42 | 82.75 | 92.45 | 74.74 | seco  |
| 14-Jan-2008 | 83.42 | 82.76 | 92.46 | 74.70 | seco  |
| 22-Jan-2008 | 83.41 | 82.75 | 92.45 | 74.60 | seco  |
| 28-Jan-2008 | 83.41 | 82.75 | 92.45 | 74.52 | seco  |
| 4-Feb-2008  | 83.41 | 82.75 | 92.45 | 74.42 | seco  |

|                                |           |             |             |             |             |
|--------------------------------|-----------|-------------|-------------|-------------|-------------|
| 11-Feb-2008                    | 83.40     | 82.75       | 92.45       | 74.32       | seco        |
| 18-Feb-2008                    | 83.39     | 82.75       | 92.45       | 74.22       | seco        |
| 25-Feb-2008                    | 83.28     | 82.65       | 92.33       | 74.03       | seco        |
| 3-Mar-2008                     | 83.28     | 82.65       | 92.33       | 73.92       | seco        |
| 10-Mar-2008                    | 83.27     | 82.65       | 92.34       | 73.84       | seco        |
| 17-Mar-2008                    | 83.26     | 82.65       | 92.34       | 73.75       | seco        |
| 23-Mar-2008                    | 83.27     | 82.63       | 92.33       | 73.65       | seco        |
| 1-Apr-2008                     | 83.26     | 82.65       | 92.33       | 73.52       | seco        |
| 7-Apr-2008                     | 83.25     | 82.65       | 92.33       | 73.42       | seco        |
| 14-Abr-2008                    | 83.25     | 82.66       | 92.34       | 73.34       | seco        |
| 21-Abr-2008                    | 83.24     | 82.65       | 92.33       | 73.21       | seco        |
| 28-Apr-2008                    | 83.24     | 82.65       | 92.33       | 73.13       | seco        |
| 5-May-2008                     | 83.24     | 82.65       | 92.33       | 73.02       | seco        |
| 12-May-2008                    | 83.23     | 82.65       | 92.33       | 72.92       | seco        |
| 20-May-2008                    | 83.23     | 82.65       | 92.33       | 72.79       | seco        |
| 26-May-2008                    | 83.22     | 82.65       | 92.34       | 72.67       | seco        |
| 2-Jun-2008                     | 83.22     | 82.65       | 92.33       | 72.56       | 59.99       |
| 9-Jun-2008                     | 83.22     | 82.65       | 92.33       | 72.50       | 60.00       |
| 16-Jun-2008                    | 83.22     | 82.65       | 92.33       | 72.39       | 60.20       |
| 23-Jun-2008                    | 83.22     | 82.65       | 92.33       | 72.30       | 60.20       |
| 2-Jul-2008                     | 47.43     | 82.65       | 92.33       | nm          | 60.20       |
| 7-Jul-2008                     | 76.92     | 82.65       | 92.33       | 72.07       | 57.43       |
| 14-Ju-2008                     | 79.92     | 82.65       | 92.33       | 72.16       | 60.04       |
| 21-Ju-2008                     | 80.97     | 82.65       | 92.33       | 72.04       | 55.79       |
| 4-Aug-2008                     | 81.97     | 82.65       | 92.34       | 71.86       | 60.06       |
| 12-Aug-2008                    | 82.15     | 82.65       | 92.33       | 71.74       | 59.99       |
| 25-Aug-2008                    | 82.13     | 82.65       | 92.34       | 71.70       | 60.00       |
| 1-Sep-2008                     | 82.79     | 82.65       | 92.34       | 71.44       | 59.98       |
| 8-Sep-2008                     | 82.88     | 82.65       | 92.34       | 71.40       | 60.02       |
| 22-Sep-2008                    | 83.02     | 82.65       | 92.34       | 71.23       | 59.99       |
| 29-Sep-2008                    | 83.05     | 82.65       | 92.34       | 71.13       | 57.75       |
| 6-Oct-2008                     | 83.09     | 82.65       | 92.33       | 71.00       | 60.06       |
| 13-Oct-2008                    | 83.10     | 82.65       | 92.33       | 70.95       | 60.04       |
| 21-Oct-2008                    | 83.12     | 82.65       | 92.34       | 70.88       | 60.10       |
| 27-Oct-2008                    | 83.13     | 82.65       | 92.34       | 70.82       | 60.04       |
| 3-Nov-2008                     | 83.15     | 82.65       | 92.34       | 70.71       | 60.13       |
| 10-Nov-2008                    | 83.15     | 82.65       | 92.34       | 70.82       | 60.04       |
| 17-Nov-2008                    | 83.15     | 82.65       | 92.34       | 70.50       | 60.29       |
| 24-Nov-2008                    | 83.15     | 82.65       | 92.34       | 70.47       | 60.35       |
| 1-Dec-2008                     | 83.15     | 82.65       | 92.34       | 70.39       | 60.41       |
| 8-Dec-2008                     | 83.16     | 82.65       | 92.34       | 70.32       | 60.47       |
| 15-Dec-2008                    | 84.22     | 84.36       | 92.34       | 70.24       | Seco        |
| Profundidad de las ranuras (m) | 4.65-87.6 | 53.00-83.00 | 53.00-92.00 | 53.00-92.00 | 35.60-68.60 |

nm = no se midio